

Contractor anticipated actions approved by NMOCD and are as follows;

1. Continue monthly gauging and quartering sampling in 2022
2. Continue manual product recovery on a monthly schedule
3. Continue sampling for PAH analysis from MW-4, MW-6, MW-7, MW-8, MW-14, MW-15, MW-19, and RW-3 through RW-6
4. Conduct quarterly low-flow sampling of MNA parameters on MW-11, MW-5, MW-7, MW-19, MW-25, and RW-3
5. Submit the Annual Monitoring Report to the NMOCD no later than March 31, 2023.



2021
ANNUAL MONITORING REPORT

TNM 97-17

NW ¼, SW ¼ SECTION 21, TOWNSHIP 20 SOUTH RANGE 37 EAST
LEA COUNTY, NEW MEXICO
PLAINS MARKETING SRS NUMBER: TNM 97-17
NMOCD REFERENCE AP-017
INCIDENT # nAPP2109542960

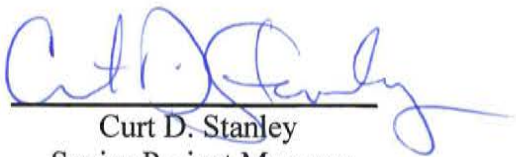
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March 2022


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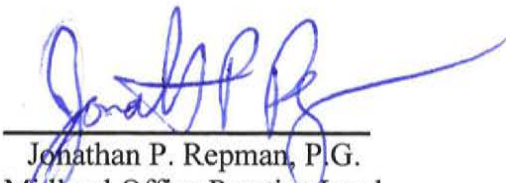

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INTRODUCTION

On behalf of Plains Marketing, L.P., (Plains), TRC Environmental Corporation (TRC) is pleased to submit this 2021 Annual Monitoring Report in compliance with the New Mexico Oil Conservation Division (NMOCD) letter of May 1998, requiring submittal of an Annual Monitoring Report by April 1 of each year. Beginning on May 29, 2004, project management responsibilities were assumed by TRC, previously NOVA Safety and Environmental (NOVA). The TNM 97-17 Pipe Line Release Site, formally the responsibility of Enron Oil Trading and Transportation (EOTT), is the responsibility of Plains. The Release Notification and Corrective Action (Form C-141) is provided as Appendix B. This report is intended to be viewed as a complete document with figures, attachments, tables, and text. The report presents the results of the quarterly groundwater monitoring events conducted in calendar year 2021. For reference, the Site Location Map is provided as Figure 1.

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

SITE DESCRIPTION AND BACKGROUND INFORMATION

The legal description of the Site is NW1/4 SW1/4 Section 21, Township 20 South, Range 37 East, in Lea County, New Mexico. The TNM 97-17 Release was discovered by Texas New Mexico Pipe Line Company (TNMPL) and reported on August 19, 1997. An estimated one-hundred seventy (170) barrels of crude oil were released with one-hundred sixty (160) barrels recovered. The Release occurred from a sixteen (16)-inch pipeline and was attributed to structural failure associated with internal pipeline corrosion. Following completion of repairs to the pipeline, approximately 1,160 cubic yards (cy) of impacted soil was excavated and stockpiled on-site pending treatment. The groundwater at the Site ranges from approximately seventeen (17) to twenty-one (21) feet below ground surface (bgs).

During the 3rd quarter of 2012, groundwater monitoring activities were not conducted due to ongoing site excavation activities. The excavation was backfilled in October 2012, with remediated soil exhibiting benzene, toluene, ethylbenzene, and xylene (BTEX) and Total Petroleum Hydrocarbons (TPH) concentrations less than the NMOCD regulatory guidelines. A soil closure report was submitted to the NMOCD during the 2nd quarter of 2013.

On June 13, 2013, Plains received NMOCD approval to plug and abandon monitor well MW-9 and recovery well RW-2. On February 4, 2014, monitor well MW-9 and recovery well RW-2 were plugged and abandoned by a New Mexico licensed driller.

Currently, a total of twenty-five (25) groundwater monitor wells (MW-1 through MW-8, MW-10 through MW-21, MW-23, and MW-25 through MW-28) and five (5) recovery wells (RW-1 and RW-3 through RW-6) are on-site. A pneumatic product recovery system formerly operated on-site, which incorporated recovery well RW-6 and monitor wells MW-8, MW-14, and MW-15. The automated

recovery system was decommissioned in the summer of 2007 due to declining PSH thickness. Currently, manual PSH recovery is performed on a monthly basis from monitor and recovery wells exhibiting PSH.

FIELD ACTIVITIES

Product Recovery Efforts

A measurable thickness of PSH was recorded in five (5) monitor wells (MW-4, MW-6, MW-7, MW-8, and MW-14) during at least one (1) quarter of the reporting period. Monitor well MW-4 exhibited measurable PSH sporadically during the 3rd quarter and 4th quarter of the reporting period. Monitor well MW-6 exhibited PSH sporadically during the 4th quarter of the reporting period. Monitor wells MW-7 and MW-8 exhibited measurable PSH throughout the reporting period and monitor well MW-14 exhibited measurable PSH on October 28, 2021 (0.10 feet).

The average thickness of PSH in monitor wells exhibiting PSH was 0.18 feet. The maximum thickness of PSH in monitor wells during the 2021 reporting period was 1.08 feet in monitor well MW-7 on July 31, 2021. Groundwater elevation data for the 2021 gauging events can be found in Table 1. Approximately 3.6 gallons (0.9 barrels) of PSH were recovered from the Site during the reporting period. Approximately 2,770.85 gallons (approximately 65.97 barrels) of PSH has been recovered since project inception.

Groundwater Monitoring

Quarterly monitoring events for the reporting period were conducted according to the following sampling schedule, which was approved by the NMOCD in correspondence dated April 28, 2004, and amended by the NMOCD in correspondence dated June 22, 2005, June 13, 2013, and March 24, 2020. The table below illustrates the current groundwater sampling schedule approved by the NMOCD.

NMOCD Approved Sampling Schedule					
Location	Schedule	Location	Schedule	Location	Schedule
MW-1	Annually	MW-13	Annually	MW-25	Semi-Annually
MW-2	Annually	MW-14	Quarterly	MW-26	Annually
MW-3	Annually	MW-15	Quarterly	MW-27	Semi-Annually
MW-4	Quarterly	MW-16	Annually	MW-28	Annually
MW-5	Quarterly	MW-17	Annually	RW-1	Quarterly
MW-6	Quarterly	MW-18	Annually	RW-2	P & A 2/14/14
MW-7	Quarterly	MW-19	Quarterly	RW-3	Quarterly
MW-8	Quarterly	MW-20	Quarterly	RW-4	Quarterly
MW-9	P & A 2/4/14	MW-21	Annually	RW-5	Quarterly
MW-10	Annually	MW-22	P & A 1/21/21	RW-6	Quarterly
MW-11	Annually	MW-23	Semi-Annually		
MW-12	Annually	MW-24	P & A 1/21/21		

The Site monitor wells were gauged and sampled on February 10-11, June 9-11, September 22-23, and December 6-7, 2021. During each sampling event, the monitor wells were purged of a minimum of three (3) well volumes of water or until the wells were dry using a PVC bailer or electrical Grundfos pump. Groundwater was allowed to recharge and samples were collected using disposable Teflon

samplers. Water samples were placed in clean glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of at a licensed disposal facility.

Please note, during the 4th quarter of the reporting period, monitor wells MW-11, MW-5, MW-7, MW-19, MW-25 and recovery well RW-3 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-11, MW-5, MW-7, MW-19, and MW-25) and recovery well RW-3 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 the four (4) quarterly monitoring events, are depicted as Figures 2A through 2D, the Inferred Groundwater Gradient Maps. Groundwater elevation data for 2021 is provided as Table 1. Historical groundwater elevation data beginning at project inception is summarized in Table 4.

The most recent Inferred Groundwater Gradient Map, Figure 2D, indicated a general gradient of approximately 0.0029 feet/foot to the south-southeast as measured between monitor wells MW-4 and MW-21. Inferred Groundwater Gradient Maps prepared during the 1st, 2nd, and 3rd quarters indicated the inferred groundwater gradient ranged from 0.0030 feet/foot during the 3rd quarter to 0.0033 feet/foot during the 2nd quarter. The corrected groundwater elevations ranged from 3,488.32 to 3,490.41 feet above mean sea level, in monitor well MW-21 on December 6, 2021, and in monitor well MW-11 on April 21, 2021, respectively.

LABORATORY RESULTS

Groundwater samples collected during the four (4) quarterly sampling events of the 2021 were delivered to Permian Basin Environmental Laboratories in Midland, Texas for determination of BTEX constituent concentrations by EPA Method 8021B. Polynuclear Aromatic Hydrocarbons (PAH) analysis by EPA Method 8270 was conducted during the 2021 calendar year on monitor well MW-4, MW-6, MW-7, MW-14, MW-15, MW-19 and recovery wells RW-3 through RW-6. Based on historical PAH analytical data, only those wells exhibiting elevated constituent concentrations above NMWQCC Drinking Water Standards are sampled, with the exclusion of those wells containing measurable PSH thicknesses. A listing of 2021 concentrations of BTEX in groundwater is summarized in Table 2 and historical concentrations of BTEX in groundwater are summarized in Table 5. The 2021 polynuclear aromatic hydrocarbon concentrations in groundwater are summarized in Table 3 and historical polynuclear aromatic hydrocarbon concentrations in groundwater are summarized in Table 6. Copies of the laboratory reports generated for 2021 are provided in Appendix A. The quarterly groundwater sample results for BTEX constituent concentrations are depicted on Figures 3A through 3D.

Monitor well MW-1 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory reporting limit (RL) and the NMOCD regulatory guideline of 0.01 mg/L for benzene, 0.75 mg/L for toluene, 0.75 mg/L for ethylbenzene, and 0.62 for xylene during the 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 4th quarter of 1999. PAH analysis was not required on samples from MW-1 during the 4th quarter sampling event.

Monitor well MW-2 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 2003. PAH analysis was not required on samples from MW-2 during the 4th quarter sampling event.

Monitor well MW-3 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and 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 2003. PAH analysis was not required on samples from MW-3 during the 4th quarter sampling event.

Monitor well MW-4 is sampled/monitored on a quarterly schedule. Monitor well MW-4 was not sampled during the 3rd quarter of the reporting period, due to the presence of PSH. Monitor well MW-4 was sampled during the 1st, 2nd, and 4th quarters and the analytical results indicated benzene concentrations ranged from 0.865 mg/L during the 1st quarter to 3.28 mg/L during the 4th quarter of 2021. Benzene concentrations were above the NMOCD regulatory guidelines during the 1st, 2nd, and 4th quarters of the reporting period. Toluene concentrations ranged from 0.00625 mg/L during the 2nd quarter to 0.0110 mg/L during the 1st quarter of 2021. Toluene concentrations were below the NMOCD regulatory guidelines during the 1st, 2nd, and 4th quarter of the reporting period. Ethylbenzene concentrations ranged from 0.0148 mg/L during the 2nd quarter to 0.0226 mg/L during the 1st quarter of 2021. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during the 1st, 2nd, and 4th quarters of the reporting period. Xylene concentrations ranged from 0.0395 mg/L during the 2nd quarter to 0.0610 mg/L during the 4th quarter of 2021. Xylene concentrations were below the NMOCD regulatory guidelines during the 1st, 2nd, and 4th quarters of the reporting period.

PAH analysis during the 4th quarter sampling event indicated elevated concentrations above New Mexico Water Quality Control Commission (NMWQCC) Drinking Water Standards for chrysene (0.0016 mg/L), fluorene (0.026 mg/L), phenanthrene (0.026 mg/L), and naphthalene (0.152 mg/L).

Monitor well MW-5 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.00337 mg/L during the 4th quarter to 0.0318 mg/L during the 1st quarter of 2021. Benzene concentrations were above the NMOCD regulatory guidelines during the 1st, 2nd, and 3rd quarters of the reporting period. Toluene concentrations ranged from less than the applicable laboratory RL during the 3rd quarter to 0.00204 mg/L during the 2nd quarter of 2021. Toluene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from less than the applicable laboratory RL during the 4th quarter to 0.00384 mg/L during the 2nd quarter of 2021. Ethylbenzene concentrations were below the NMOCD regulatory guidelines all four (4) quarters of the reporting period. Xylene

concentrations ranged from less than the applicable laboratory RL during the 1st, 3rd, and 4th quarters to 0.0965 mg/L during the 2nd quarter of 2021. Xylene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. PAH analysis was not required on samples from MW-5 during the 4th quarter sampling event.

Please note, monitor well MW-5 was selected as MNA parameter well and is located at the “up-gradient within plume” location. Groundwater samples collected during the 4th quarter were obtained using low-flow sampling techniques. The water quality parameters for monitor well MW-5 stabilized at a pH of 7.04, a temperature of 20.26°C, Conductivity of 15.4 mhos/cm, ORP of -355 mV, DO of 0.00 mg/L, and turbidity of 11.8 NTU. Analytical benzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “Decreasing” in monitor well MW-5. Analytical toluene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “No Trend” in monitor well MW-5. Analytical ethylbenzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “Decreasing” in monitor well MW-5. Analytical xylene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “Decreasing” in monitor well MW-5.

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

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

Monitor well MW-6 is sampled on a quarterly schedule and the analytical indicated benzene concentrations ranged from 0.0209 mg/L during the 4th quarter to 0.0366 mg/L during the 2nd quarter of 2021. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from 0.00254 mg/L during the 4th quarter to 0.00711 mg/L during the 1st quarter of 2021. Toluene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from less than the applicable laboratory RL during the 4th quarter to 0.0296 mg/L during the 1st quarter of 2021. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.00359 mg/L during the 4th quarter to 0.0238 mg/L during the 3rd quarter of 2021. Xylene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period.

PAH analysis during the 4th quarter sampling event indicated elevated concentrations above NMWQCC Drinking Water Standards for benzo[a]anthracene (0.00060 mg/L) and fluorene (0.0012 mg/L).

Monitor well MW-7 is monitored/sampled on a quarterly schedule. Monitor well MW-7 was not sampled during the 1st, 2nd, and 3rd quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 0.42 feet, 0.57 feet, 0.40 feet, and 0.27 feet were reported during the 1st, 2nd, 3rd, and 4th quarters of 2021, respectively.

Monitor well MW-7 was selected as an MNA parameter well and is located in the “Center of Plume” location. PSH thicknesses were removed prior to the collection of groundwater samples during the 4th quarter of the reporting period and groundwater samples were obtained using low-flow sampling techniques. The water quality parameters for monitor well MW-4 stabilized at a pH of 6.91, a temperature of 21.36°C, Conductivity of 14.3 mhos/cm, ORP of -334 mV, DO of 2.95 mg/L, and turbidity of 16.9 NTU.

The analytical results indicated the benzene concentration was 0.297 mg/L during the 4th quarter of 2021. The benzene concentration was above the NMOCD regulatory guideline during the 4th quarter of the reporting period. The toluene concentration was less than the applicable laboratory RL during the 4th quarter of 2021. The toluene concentration was below the NMOCD regulatory guideline during the 4th quarter of the reporting period. The ethylbenzene concentration was 0.0132 mg/L during the 4th quarter of 2021. The ethylbenzene concentration was below the NMOCD regulatory guideline during the 4th quarter of the reporting period. The xylene concentration was 0.00725 mg/L during the 4th quarter of 2021. The ethylbenzene concentration was below the NMOCD regulatory guideline during the 4th quarter of the reporting period.

PAH analysis during the 4th quarter sampling event indicated elevated concentrations above NMWQCC Drinking Water Standards for chrysene (0.00031 mg/L), fluorene (0.0020 mg/L), and phenanthrene (0.0011 mg/L).

Analytical benzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “No Trend” in monitor well MW-7. Analytical toluene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “No Trend” in monitor well MW-7. Analytical ethylbenzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “No Trend” in monitor well MW-7. Analytical xylene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “No Trend” in monitor well MW-7.

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

Monitor well MW-8 is monitored on a quarterly schedule. Monitor well MW-8 was not sampled during all four (4) quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 0.14 feet, 0.25 feet, 0.24 feet, and 0.29 feet were reported during the 1st, 2nd, 3rd, and 4th quarters of 2021, respectively. PAH analysis was not conducted on samples from MW-8 during the 4th quarter sampling event due to the presence of PSH.

Monitor well MW-10 is sampled on an annual schedule and the analytical results indicated the benzene and toluene concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 2nd quarter of the reporting period. The ethylbenzene concentration was 0.00211 mg/L and less than the NMOCD regulatory guideline during the 2nd quarter of the reporting period. The xylene concentration was 0.00548 mg/L and less than the NMOCD regulatory guideline during the 2nd quarter of the reporting period. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 2nd quarter of 2010. PAH analysis was not required on samples from MW-10 during the 4th quarter sampling event.

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 2012. PAH analysis was not required on samples from MW-11 during the 4th quarter sampling event.

Monitor well MW-11 was selected as an MNA parameter well and is located in the “Up-gradient of Plume” location. The water quality parameters for monitor well MW-11 stabilized at a pH of 7.02, a temperature of 19.60°C, Conductivity of 14.2 mhos/cm, ORP of 55 mV, DO of 0.51 mg/L, and turbidity of 41.8 NTU.

Analytical benzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “No Trend” in monitor well MW-11. 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-11. 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-11. 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-11.

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

Monitor well MW-12 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below regulatory guidelines since the 2nd quarter of 2012. PAH analysis was not required on samples from MW-12 during the 4th quarter sampling event.

Monitor well MW-13 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 regulatory guidelines since the 1st quarter of 2007. PAH analysis was not required on samples from MW-13 during the 4th quarter sampling event.

Monitor well MW-14 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.140 mg/L during the 1st quarter to 0.352 mg/L during the 3rd quarter of 2021. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from 0.0189 mg/L during the 4th quarter to 0.0398 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 0.137 mg/L during the 2nd quarter to 0.259 mg/L during the 3rd quarter of 2021. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.1472 mg/L during the 1st quarter to 0.3124 mg/L during the 3rd quarter of 2021. Xylene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period.

PAH analysis during the 4th quarter sampling event indicated elevated concentrations above NMWQCC Drinking Water Standards for benzo[a]anthracene (0.0077 mg/L), chrysene (0.0045 mg/L), fluorene (0.051 mg/L), phenanthrene (0.055 mg/L), and naphthalene (0.548 mg/L).

Monitor well MW-15 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.0240 mg/L during the 4th quarter to 0.0575 mg/L during the 1st quarter of 2021. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from 0.0120 mg/L during the 3rd quarter to 0.0202 mg/L during the 4th quarter of 2021. Toluene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from less than the applicable laboratory RL during the 4th quarter to 0.0521 mg/L during the 1st quarter of 2021. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.0353 mg/L during the 1st quarter to 0.0737 mg/L during the 2nd quarter of 2021. Xylene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period.

PAH analysis during the 4th quarter sampling event indicated elevated concentrations above NMWQCC Drinking Water Standards for benzo[a]anthracene (0.0013 mg/L), dibenz[a,h]anthracene (0.00049 mg/L), fluorene (0.0022 mg/L), and indeno[1,2,3-cd]pyrene (0.00082 mg/L).

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 regulatory guidelines since the 1st quarter of 2007. PAH analysis was not required on samples from MW-16 during the 4th quarter sampling event.

Monitor well MW-17 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 regulatory guidelines since the 1st quarter of 2007. PAH analysis was not required on samples from MW-17 during the 4th quarter sampling event.

Monitor well MW-18 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 regulatory guidelines since the 2nd quarter 2012. PAH analysis was not required on samples from MW-18 during the 4th quarter sampling event.

Monitor well MW-19 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.133 mg/L during the 1st quarter to 0.207 mg/L during the 2nd quarter of 2021. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from 0.00177 mg/L during the 4th quarter to 0.0311 mg/L during the 1st quarter of 2021. Toluene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.00451 mg/L during the 4th quarter to 0.0492 mg/L during the 1st quarter of 2021. Ethylbenzene concentrations were below the NMOCD regulatory guidelines all four (4)

quarters of the reporting period. Xylene concentrations ranged from less than the applicable laboratory RL during the 4th quarter to 0.1047 mg/L during the 3rd quarter of 2021. Xylene concentrations were below the NMOCD regulatory guidelines all four (4) quarters of the reporting period.

PAH analysis during the 4th quarter sampling event indicated elevated concentrations above NMWQCC Drinking Water Standards for fluorene (0.0025 mg/L).

Please note, monitor well MW-19 was selected as MNA parameter well and is located at the “down-gradient within plume” location. Groundwater samples collected during the 4th quarter were obtained using low-flow sampling techniques. The water quality parameters for monitor well MW-19 stabilized at a pH of 6.85, a temperature of 21.15°C, Conductivity of 6.85 mhos/cm, ORP of -330 mV, DO of 2.39 mg/L, and turbidity of 8.6 NTU. Analytical benzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “Decreasing” in monitor well MW-19. 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-19. 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-19. 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-19.

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

Monitor well MW-20 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations were less than the applicable laboratory RL and the NMOCD regulatory guidelines during all four (4) quarters of 2021. Toluene concentrations ranged from less than the applicable laboratory RL during the 2nd, 3rd, and 4th quarters to 0.00149 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 were less than the applicable laboratory RL and the NMOCD regulatory guidelines during all four (4) quarters of 2021. Xylene concentrations ranged from less than the applicable laboratory RL during the 1st, 2nd, and 4th quarters to 0.00345 mg/L during the 3rd 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-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 2nd quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below regulatory guidelines since the 4th quarter 2012. PAH analysis was not required on samples from MW-21 during the 4th quarter sampling event.

Monitor well MW-22 was approved by the NMOCD for plugging and abandonment on March 24, 2020. The plugging and abandonment of monitor well MW-22 occurred on January 21, 2021. On March 29, 2021, a plugging report was submitted to the NMOCD.

Monitor well MW-23 is sampled on a semi-annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guidelines during the 2nd and 4th quarter sampling events. The analytical results indicated BTEX constituent concentrations have been below regulatory guidelines since the 1st quarter of 2007. PAH analysis was not required on samples from MW-23 during the 4th quarter sampling event.

Monitor well MW-24 was approved by the NMOCD for plugging and abandonment on March 24, 2020. The plugging and abandonment of monitor well MW-24 occurred on January 21, 2021. On March 29, 2021, plugging report was submitted to the NMOCD.

Monitor well MW-25 is sampled on a semi-annual schedule and the analytical results indicated BTEX constituent concentrations were less than the RL and NMOCD regulatory guidelines during the 2nd and 4th quarters. PAH analysis was not required during the 4th quarter sampling event.

Please note, monitor well MW-25 was selected as MNA parameter well and is located “down-gradient of plume” location. Groundwater samples collected during the 4th quarter were obtained using low-flow sampling techniques. The water quality parameters for monitor well MW-25 stabilized at a pH of 7.10, a temperature of 20.16°C, Conductivity of 12.1 mhos/cm, ORP of -220 mV, DO of 0.18 mg/L, and turbidity of 25.7 NTU. Analytical benzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “Stable” in monitor well MW-25. 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-25. 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-25. Analytical xylene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “Probably Increasing” in monitor well MW-25.

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 applicable laboratory RL are depicted on the GSI Mann-Kendall Toolkit for Constituent Trend Analysis spreadsheet at the laboratory RL.

Monitor well MW-26 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 2nd quarter of 2021. The analytical results indicated BTEX constituent concentrations have been below regulatory guidelines since the 2nd quarter 2011. 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 less than the applicable laboratory RL and the NMOCD regulatory guidelines during the 2nd and 4th quarter sampling events. The analytical results indicated BTEX constituent concentrations have been below regulatory guidelines since the 2nd quarter of 2002. 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 regulatory guidelines since the 2nd quarter of 2002. PAH analysis was not required on samples from MW-28 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 less than the applicable laboratory RL during the 4th quarter to 0.0116 mg/L during the 2nd quarter of 2021. Benzene concentrations were above the NMOCD regulatory guideline during the 2nd quarter of the reporting period. Toluene concentrations ranged from 0.00298 mg/L during the 4th quarter to 0.00630 mg/L during the 1st quarter of the reporting period. Toluene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.00539 during the 4th quarter to 0.0260 mg/L during the 1st quarter of the reporting period. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.00365 mg/L during the 4th quarter to 0.0261 mg/L during the 3rd quarter of the reporting period. 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 RW-1 during the 4th quarter sampling event.

Recovery well RW-3 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.00612 mg/L during the 4th quarter to 0.188 mg/L during the 2nd quarter of 2021. Benzene concentrations were above the NMOCD regulatory guidelines during the 1st, 2nd, and 3rd quarters of the reporting period. Toluene concentrations ranged from less than the applicable laboratory RL during the 4th quarter to 0.00413 mg/L during the 1st quarter of 2021. Toluene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from less than the applicable laboratory RL during the 4th quarter to 0.00764 mg/L during the 3rd quarter of 2021. Ethylbenzene concentrations were below the NMOCD regulatory guidelines all four (4) quarters of the reporting period. Xylene concentrations ranged from less than the applicable laboratory RL during the 4th quarter to 0.1198 mg/L during the 2nd quarter of 2021. Xylene concentrations were below the NMOCD regulatory guidelines all four (4) quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated all PAH constituent concentrations were below NMWQCC Drinking Water Standards.

Please note, recovery well RW-3 was selected as MNA parameter well and is located at the “cross-gradient of plume” location. Groundwater samples collected during the 4th quarter were obtained using low-flow sampling techniques. The water quality parameters for recovery well RW-3 stabilized at a pH of 6.98, a temperature of 21.48°C, Conductivity of 13.4 mhos/cm, ORP of -285 mV, DO of 3.36 mg/L, and turbidity of 77.7 NTU. Analytical benzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “No Trend” in recovery well RW-3. 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-3. 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-3. Analytical xylene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “Probably Decreasing” in recovery well RW-3.

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

Recovery well RW-4 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.154 mg/L during the 1st quarter to 0.431 mg/L during the 4th quarter of 2021. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from less than the applicable laboratory RL during the 3rd quarter to 0.0160 mg/L during the 1st quarter of the reporting period. Toluene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.175 mg/L during the 1st quarter to 0.288 mg/L during the 3rd quarter of 2021. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.15975 mg/L during the 2nd quarter to 0.2338 mg/L during the 3rd quarter of 2021. Xylene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period.

PAH analysis during the 4th quarter sampling event indicated elevated concentrations above NMWQCC Drinking Water Standards for chrysene (0.0011 mg/L), fluorene (0.0081 mg/L), phenanthrene (0.0051 mg/L), and naphthalene (0.0845 mg/L).

Recovery well RW-5 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.135 mg/L during the 1st quarter to 0.296 mg/L during the 4th quarter of 2021. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from 0.00171 mg/L during the 4th quarter to 0.0143 mg/L during the 3rd quarter of 2021. Toluene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0125 mg/L during the 2nd quarter to 0.0484 mg/L during the 3rd quarter of 2021. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.0206 mg/L during the 4th quarter to 0.1073 mg/L during the 3rd quarter of 2021. Xylene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period.

PAH analysis during the 4th quarter sampling event indicated elevated concentrations above NMWQCC Drinking Water Standards for chrysene (0.00045 mg/L), fluorene (0.0025 mg/L), and phenanthrene (0.0019 mg/L).

Recovery well RW-6 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.0421 mg/L during the 4th quarter to 0.0818 mg/L during the 2nd quarter of 2021. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from 0.00854 mg/L during the 4th quarter to 0.0182 mg/L during the 1st quarter of 2021. Toluene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0126 mg/L during the 4th quarter to 0.0569 mg/L during the 1st quarter of 2021. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.0136 mg/L during the 4th quarter

to 0.0647 mg/L during the 3rd quarter of 2021. Xylene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period.

PAH analysis during the 4th quarter sampling event indicated elevated concentrations above NMWQCC Drinking Water Standards for chrysene (0.0012 mg/L), fluorene (0.0056 mg/L) and phenanthrene (0.0026 mg/L).

Laboratory analytical results were compared to 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/recovery wells were sampled. These wells generally included one (1) well upgradient of the plume (MW-11), one (1) well upgradient within the plume (MW-5), one (1) well near the center of the plume (MW-7), one (1) well downgradient within the plume (MW-19), one (1) well downgradient of the plume (MW-25), and one (1) well cross-gradient of the plume center (RW-3).

The six (6) monitor/recovery wells (MW-11, MW-5, MW-7, MW-19, MW-25, and RW-3) were sampled for concentrations of BTEX using Method EPA 8021B, Total Organic Carbon 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 by 8000.

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

The analytical results for concentrations of benzene ranged from less than the applicable laboratory RL for monitor wells MW-11 and MW-25 to 0.297 mg/L for monitor well MW-7. Please reference Table 7 for GSI-MKT benzene results.

The analytical results for concentrations of toluene ranged from less than the applicable laboratory RL for monitor wells MW-11, MW-7, MW-25, and recovery well RW-3 to 0.00177 mg/L for monitor well MW-19. Please reference Table 8 for GSI-MKT toluene results.

The analytical results for concentrations of ethylbenzene ranged from less than the applicable laboratory RL for monitor wells MW-11, MW-5, MW-25, and recovery well RW-3 to 0.0132 mg/L for monitor well MW-7. Please reference Table 9 for GSI-MKT ethylbenzene results.

The analytical results for concentrations of xylene ranged from less than the applicable laboratory RL for monitor wells MW-11, MW-5, MW-19, MW-25, and recovery well RW-3 to 0.00725 mg/L for monitor well MW-7. Please reference Table 10 for GSI-MKT xylene results.

The analytical results for concentrations of TOC ranged from 8.60 mg/L for monitor well MW-11, to 168 mg/L for monitor well MW-19. Please reference Table 11 for GSI-MKT TOC results.

The analytical results for concentrations of Dissolved Methane ranged from 0.00167 mg/L for monitor well MW-11 to 2.80 mg/L for monitor well MW-19. Please reference Table 12 for GSI-MKT Dissolved Methane results.

The analytical results for concentrations of Dissolved Ethane ranged from less than the applicable laboratory RL for monitor wells MW-11 and MW-25 to 0.00664 mg/L for monitor well MW-19. Please reference Table 13 for GSI-MKT Dissolved Ethane results.

The analytical results for concentrations of Dissolved Ethene ranged from less than the applicable laboratory RL for monitor wells MW-11, MW-5, and recovery well RW-3 to 0.106 mg/L for monitor well MW-19. Please reference Table 14 for GSI-MKT Dissolved Ethene results.

The analytical results for concentrations of Dissolved Iron (filtered) ranged from less than the applicable laboratory RL for monitor well MW-11, MW-5, MW-19, and MW-25 to 0.381 mg/L for recovery well RW-3. Please reference Table 15 for GSI-MKT Dissolved Iron (filtered) results.

The analytical results for concentrations of Dissolved Manganese (filtered) ranged from 0.00716 mg/L for monitor well MW-5 to 0.0433 mg/L for monitor well MW-25. Please reference Table 16 for GSI-MKT Dissolved Manganese (filtered) results.

The analytical results for concentrations of Nitrate ranged from less than applicable laboratory RL for monitor wells MW-11, MW-5, MW-7, MW-19, and recovery well RW-3 to 0.215 mg/L for monitor well MW-25. Please reference Table 17 for GSI-MKT Nitrate results.

The analytical results for concentrations of Sulfate ranged from 899 mg/L for monitor well MW-19 to 2320 mg/L for monitor well MW-5. Please reference Table 18 for GSI-MKT Sulfate results.

The analytical results for concentrations of COD ranged from 53.0 mg/L for monitor well MW-25 to 1,000 mg/L for monitor well MW-19. Please reference Table 19 for GSI-MKT COD results.

SUMMARY

This report summarizes the results of monitoring activities for the 2021 annual monitoring period. Currently, there are twenty-five (25) groundwater monitor wells (MW-1 through MW-8, and MW-10 through MW-21, MW-23, and MW-25 through MW-28) and five (5) recovery wells (RW-1 and RW-3 through RW-6) on-site. A pneumatic product recovery system formerly operated on-site, which incorporated recovery well RW-6 and monitor wells MW-8, MW-14, and MW-15. The automated recovery system was decommissioned in the summer of 2007 due to declining PSH thickness. Currently, manual PSH recovery is performed on a monthly basis for monitor and recovery wells exhibiting PSH.

A measurable thickness of PSH was recorded in five (5) monitor wells (MW-4, MW-6, MW-7, MW-8, and MW-14) during at least one (1) quarter of the reporting period. Monitor well MW-4 exhibited during the 3rd quarter and sporadically during the 4th quarter of the reporting period. Monitor well MW-6 exhibited PSH sporadically during the 4th quarter of the reporting period. Monitor wells MW-7 and MW-8 exhibited measurable PSH throughout the reporting period and monitor well MW-14 exhibited measurable PSH on October 28, 2021 (0.10 feet).

The average thickness of PSH in monitor wells exhibiting PSH was 0.18 feet. The maximum thickness of PSH in monitor wells during the 2021 reporting period was 1.08 feet in monitor well MW-7 on July 31, 2021. Groundwater elevation data for the 2021 gauging events can be found in Table 1. Approximately 3.6 gallons (0.9 barrels) of PSH were recovered from the Site during the reporting period. Approximately 2,770.85 gallons (approximately 65.97 barrels) of PSH has been recovered since project inception.

The most recent Inferred Groundwater Gradient Map, Figure 2D, indicated a general gradient of approximately 0.0029 feet/foot to the south-southeast as measured between monitor wells MW-4 and MW-21

Review of laboratory analytical results of the groundwater samples obtained during the 2021 monitoring period indicated BTEX constituent concentrations were below applicable the NMOCD regulatory guidelines for at least one (1) quarter in twenty (20) of the thirty (30) monitor/recovery wells currently on-site. Dissolved phase hydrocarbon impact appears to be limited to monitor wells MW-4, MW-5, MW-6, MW-7, MW-14, MW-15, and MW-19 and recovery wells RW-1 and RW-3 through RW-6. PSH appears to be limited to monitor wells MW-7 and MW-8 and sporadic observations in monitor wells MW-4, MW-6, and MW-14.

Please note, the plugging and abandonment of monitor wells MW-22 and MW-24 occurred on January 21, 2021. The monitor wells were plugged and abandoned by a New Mexico licensed driller and plugging reports were submitted to the NMOCD on March 29, 2021.

Analytical results of groundwater samples collected during the 4th quarter sampling event indicated PAH concentrations are fluctuating.

ANTICIPATED ACTIONS

Monthly gauging and quartering sampling will continue in 2022. Manual product recovery will continue on a monthly schedule and will be adjusted according to Site conditions. An Annual Monitoring Report will be submitted to the NMOCD before April 1, 2023.

Based on the results of previous PAH analysis, additional PAH analysis is anticipated to be conducted on monitor wells MW-4, MW-6, MW-7, MW-8, MW-14, MW-15, and MW-19 and recovery wells RW-3 through RW-6.

Low-flow sampling of MNA parameters will be conducted on monitor wells MW-11, MW-5, MW-7, MW-19, and MW-25 and recovery well RW-3 during each quarterly sampling event. Unforeseen circumstances may require modification of this sampling event.

LIMITATIONS

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

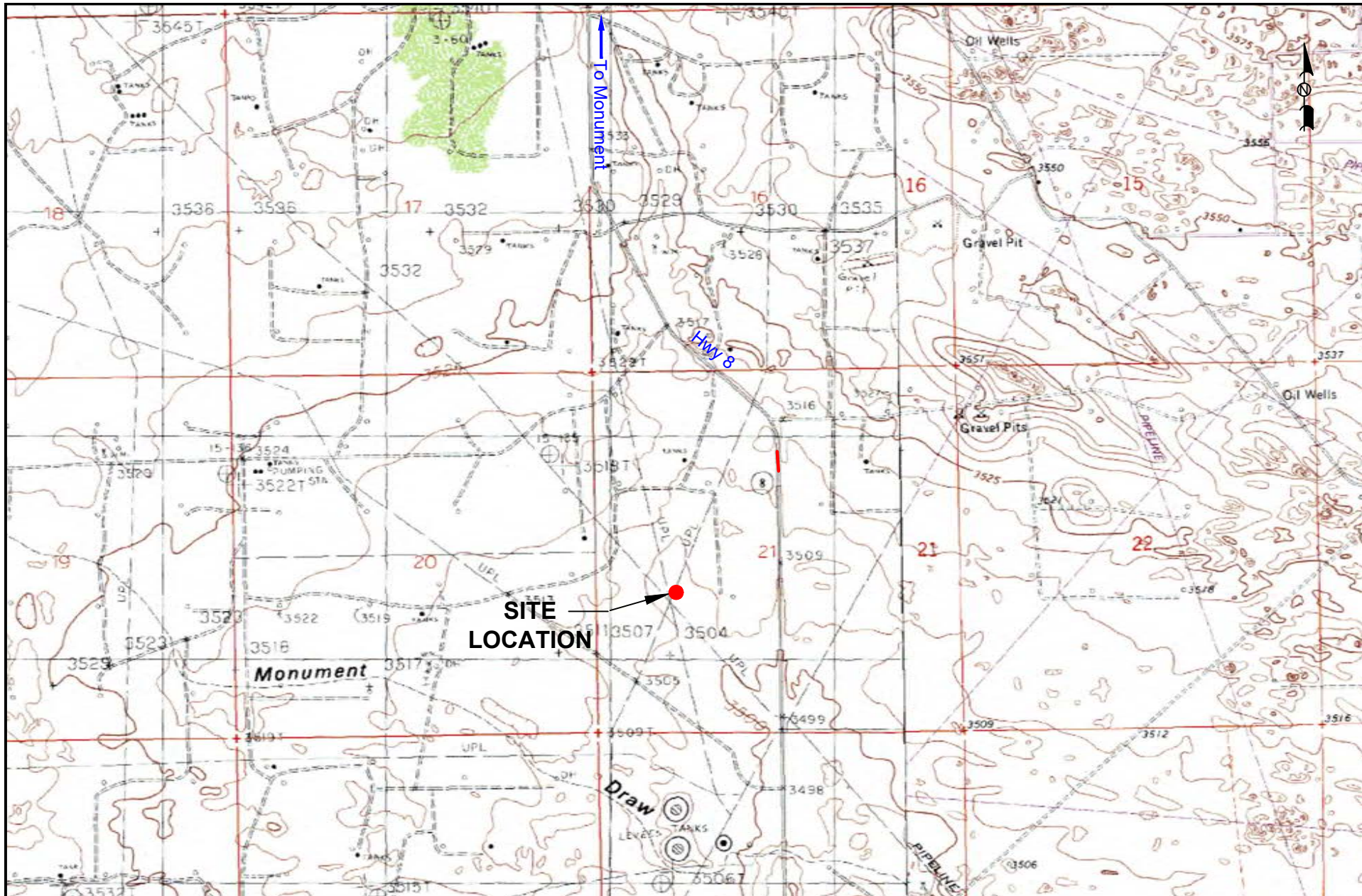
TRC has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. TRC has not conducted an independent examination of the facts contained in referenced materials and statements. We have presumed the genuineness of the documents and that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

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

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FIGURES



LEGEND:

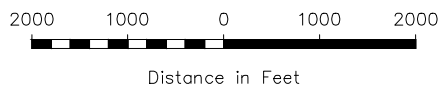


Figure 1
Site Location Map
Plains Marketing, L.P.
TNM 97-17
NMOCD Reference # AP-17-0
Lea County, NM

Scale: 1" = 2000'

CAD By: TA Checked By: CS

Draft: February 29, 2016

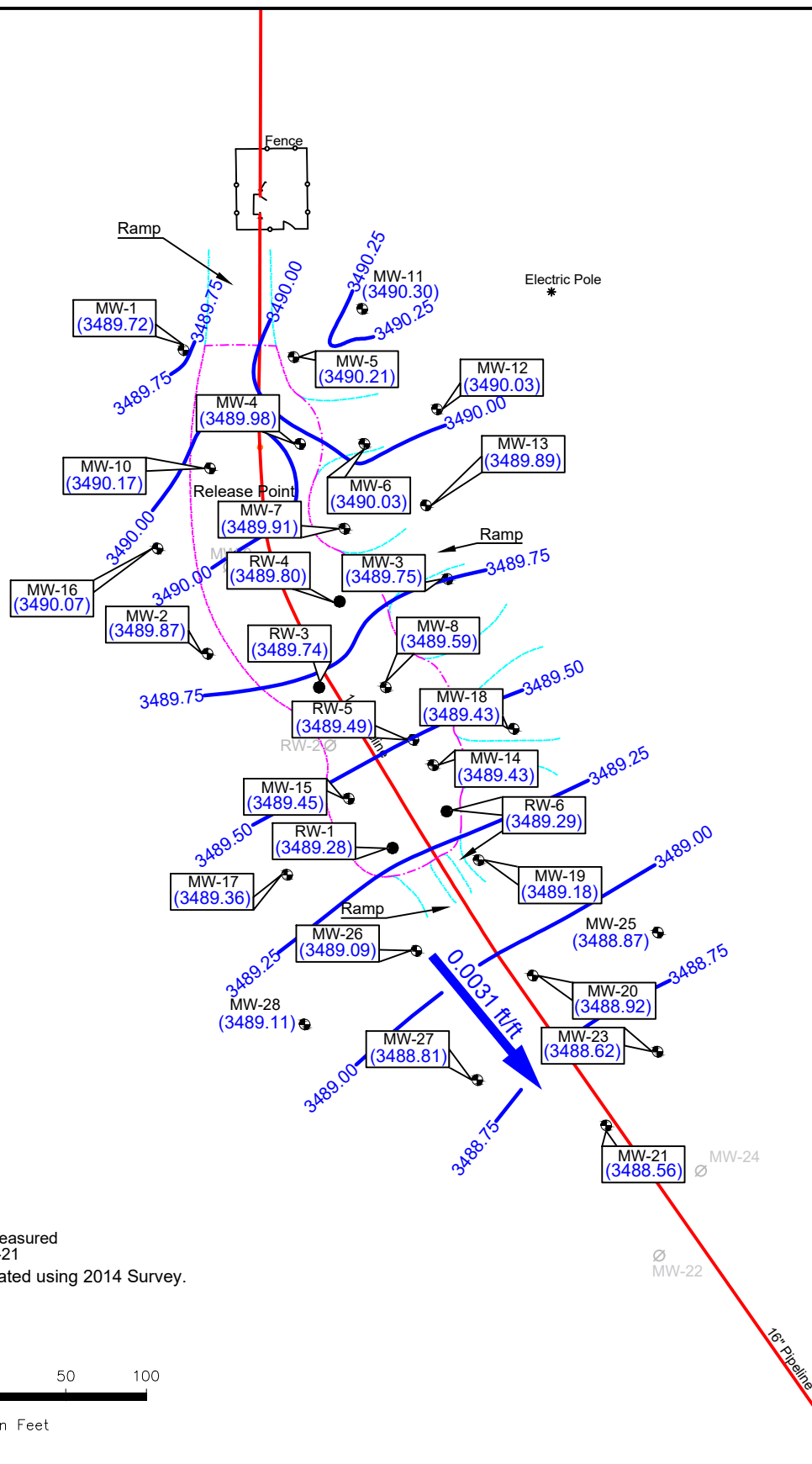
Lat. N 32.556666°, Long. W 103.260361°

NW1/4 SW1/4 Sec 21 T20S R37E

TRC Proj. No.: 014178



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

**LEGEND:**

- Monitor Well Location
- Recovery Well Location
- Release Point
- Pipeline
- Former 2012 Excavation
- Groundwater Elevation Contour Line
- (NW) Dry Well / No Water
- (NA) Well Not used in Gradient

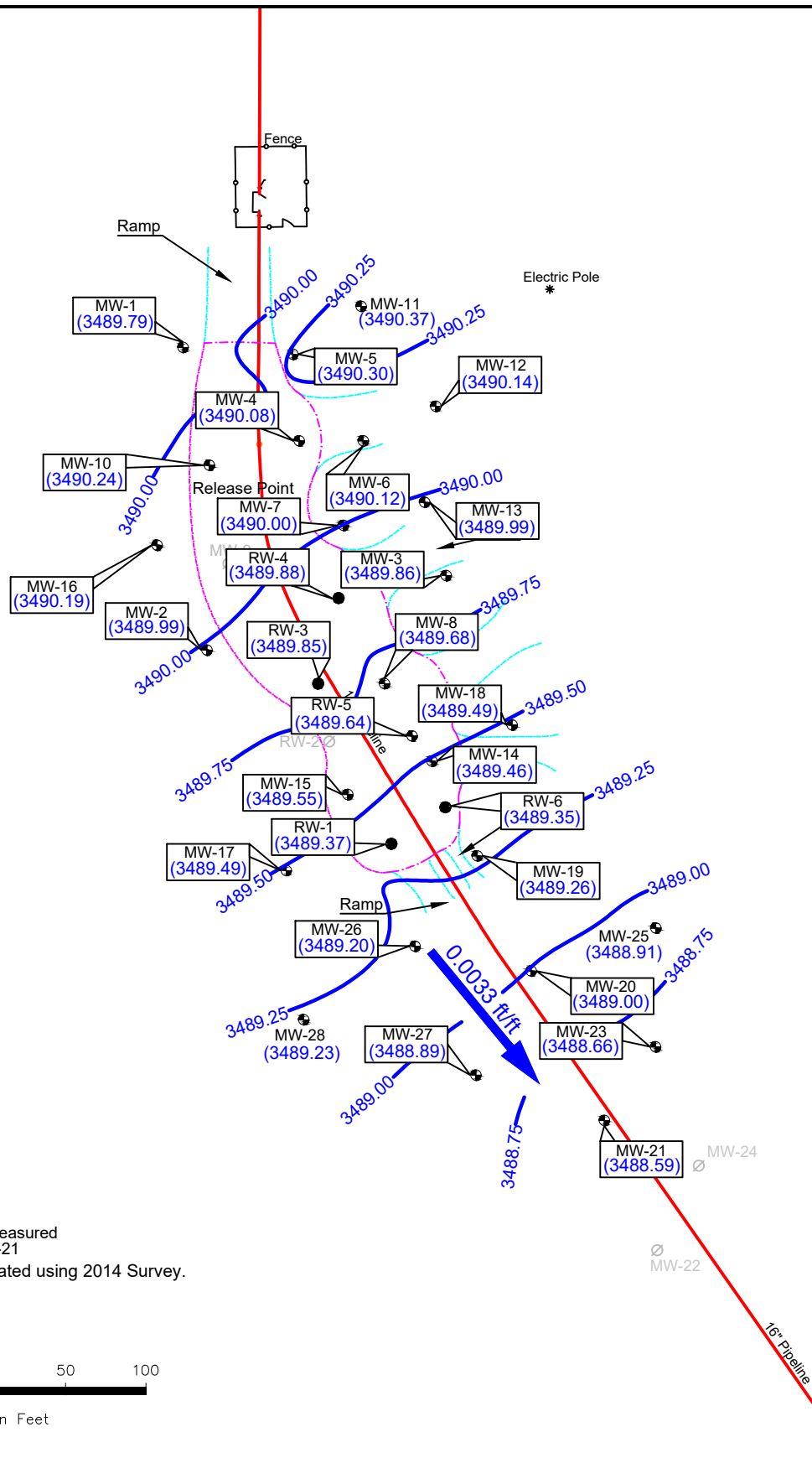
Figure 2A
Inferred Groundwater
Gradient Map
(2/10/2021 - 2/11/2021)
Plains Marketing, L.P.
TNM 97-17
NMOCD Reference # AP-17-0
Lea County, NM

Scale: 1" = 100'

CAD By: CS	Checked By: CS
Draft: May 21, 2021	
Lat. N 32.556666°, Long. W 103.260361°	
NW1/4 SW1/4 Sec 21 T20S R37E	
TRC Proj. No.: 014178	

TRC

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Midland, Texas 79705
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**LEGEND:**

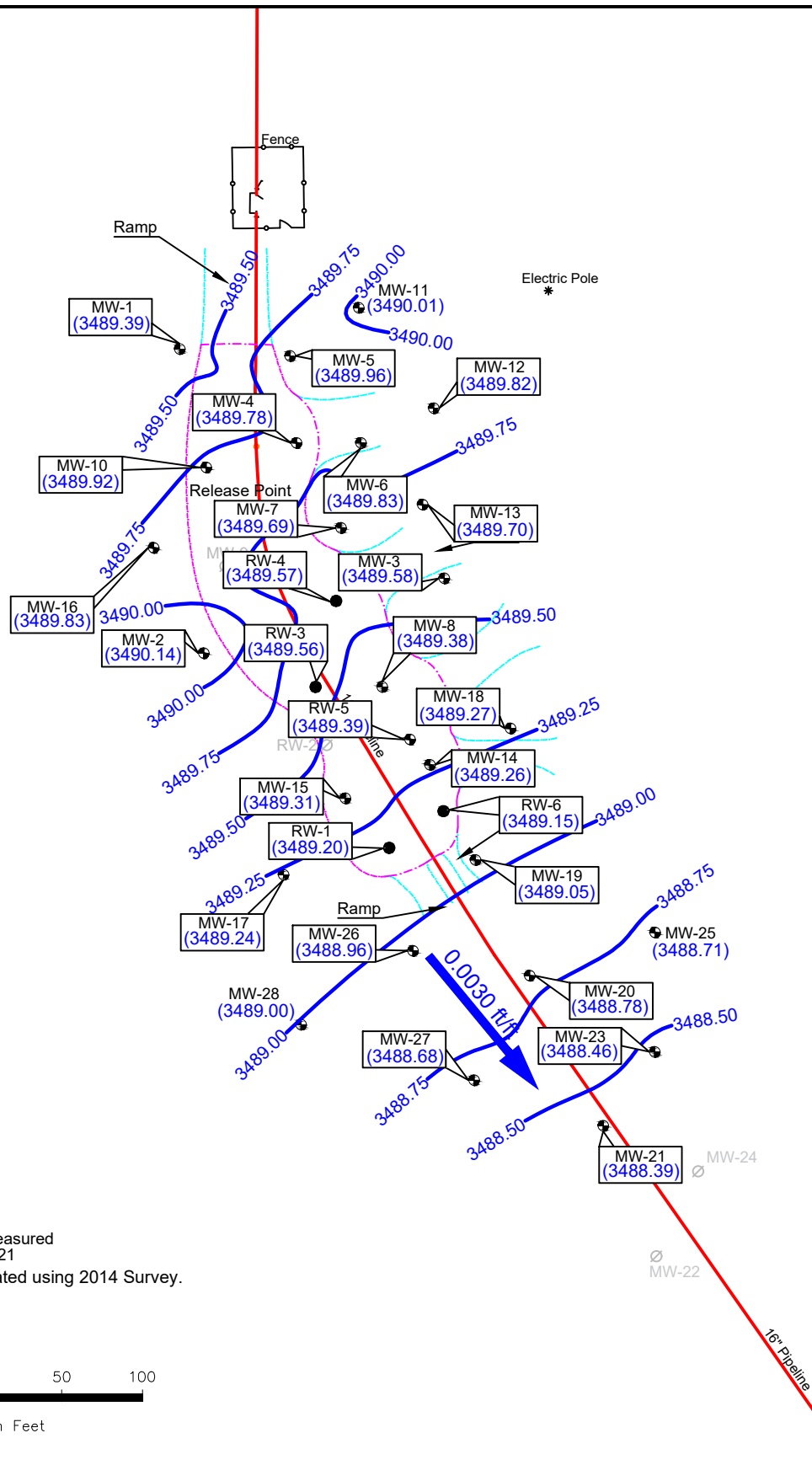
- Monitor Well Location
- Recovery Well Location
- Release Point
- Pipeline
- Former 2012 Excavation
- Groundwater Elevation Contour Line
- (NW) Dry Well / No Water
- (NA) Well Not used in Gradient

Figure 2B
Inferred Groundwater
Gradient Map
(6/9/2021 - 6/11/2021)
Plains Marketing, L.P.
TNM 97-17
NMOCD Reference # AP-17-0
Lea County, NM

Scale: 1" = 100'

CAD By: CS	Checked By: CS
Draft: June 15, 2021	
Lat. N 32.556666°, Long. W 103.260361°	
NW1/4 SW1/4 Sec 21 T20S R37E	
TRC Proj. No.: 014178	

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**NOTE:**

Contour Interval = 0.25'
 Groundwater Gradient Measured
 Between MW-4 and MW-21
 This map has been created using 2014 Survey.

100 50 0 50 100
 Distance in Feet

LEGEND:

- Monitor Well Location
- Recovery Well Location
- Release Point
- Pipeline
- Former 2012 Excavation
- Groundwater Elevation Contour Line
- (NW) Dry Well / No Water
- (NA) Well Not used in Gradient

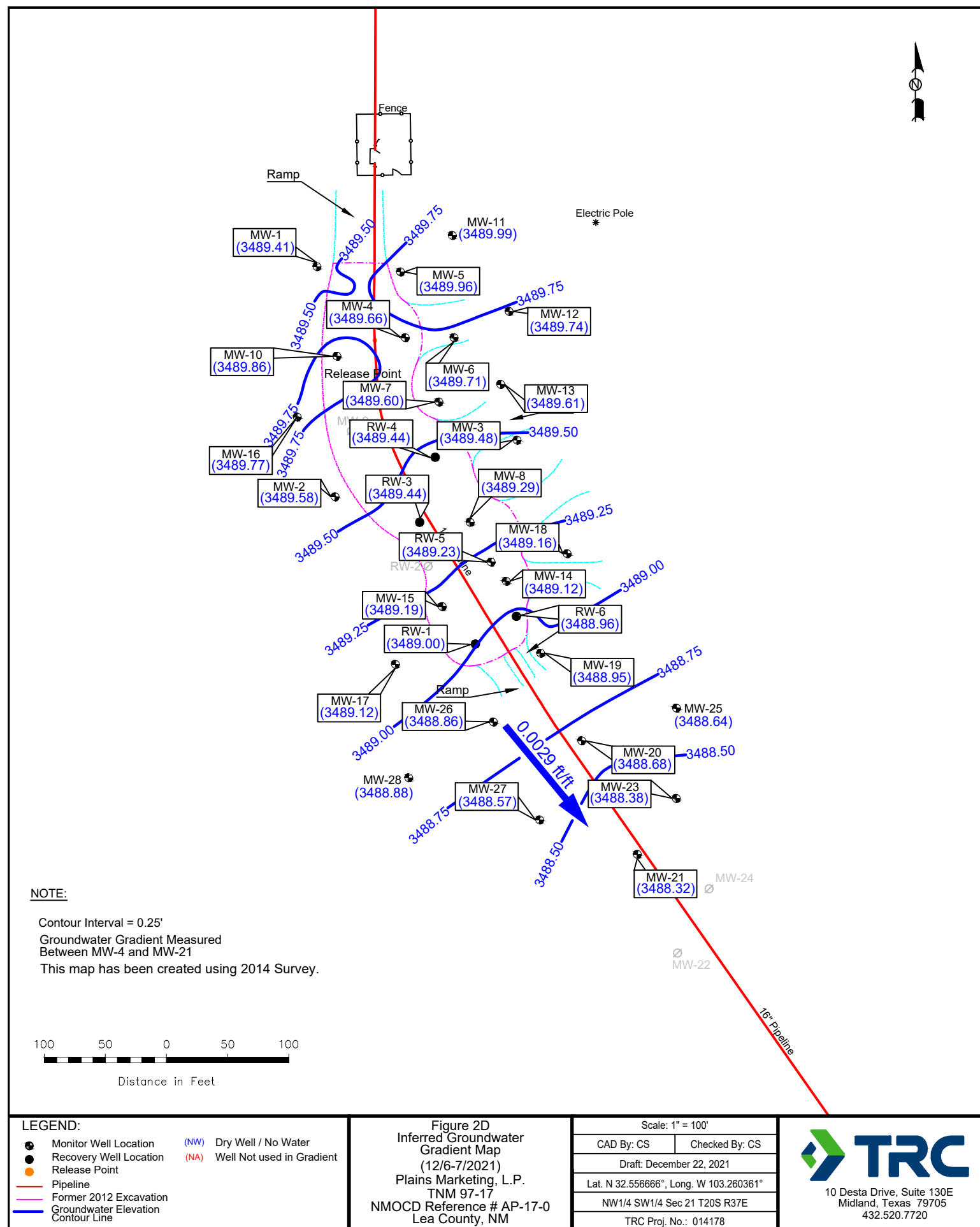
Figure 2C
 Inferred Groundwater
 Gradient Map
 (9/22/2021 - 9/23/2021)
 Plains Marketing, L.P.
 TNM 97-17
 NMOCD Reference # AP-17-0
 Lea County, NM

Scale: 1" = 100'

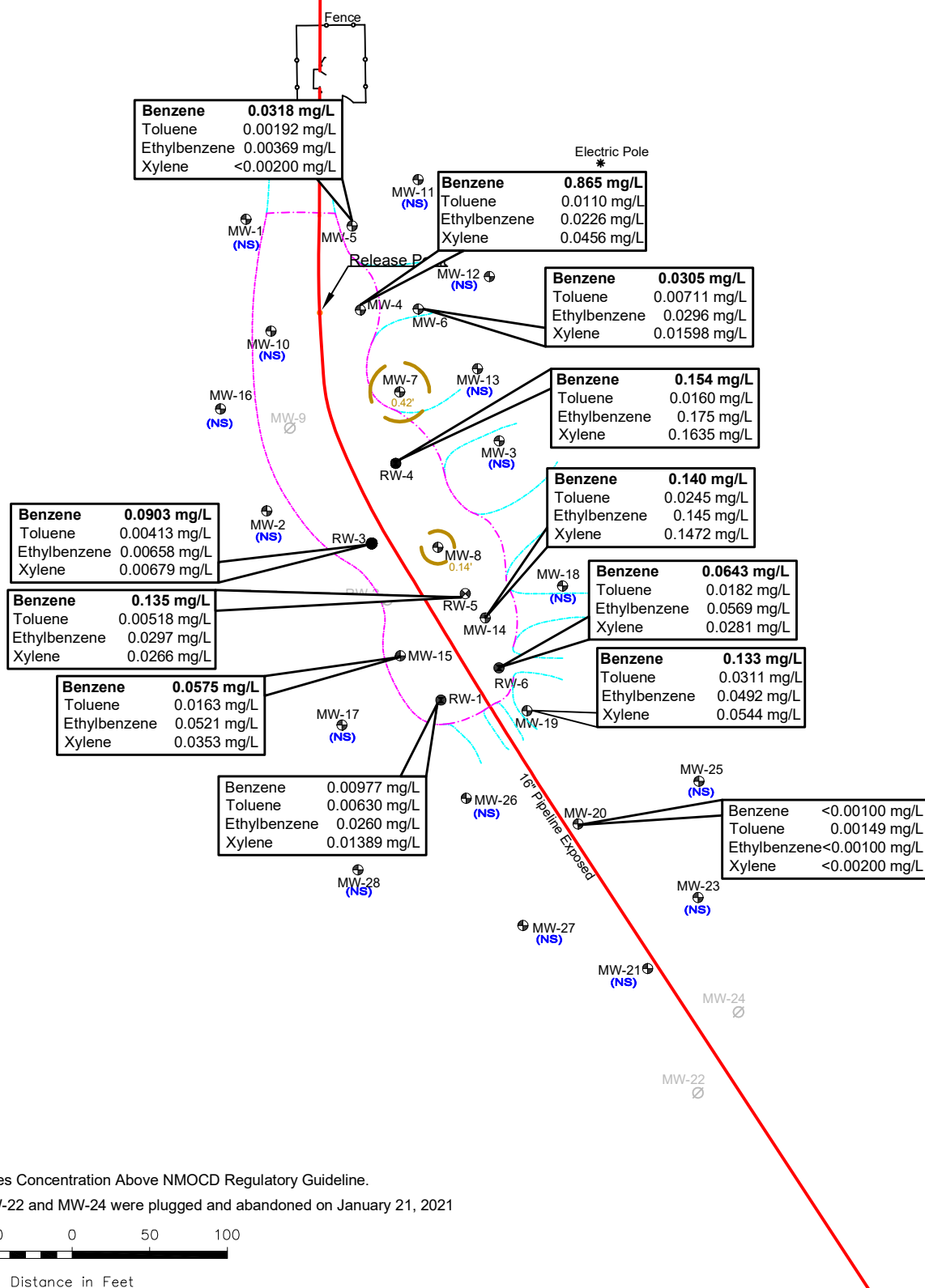
CAD By: CS	Checked By: CS
Draft: September 30, 2021	
Lat. N 32.556666°, Long. W 103.260361°	
NW1/4 SW1/4 Sec 21 T20S R37E	
TRC Proj. No.: 014178	

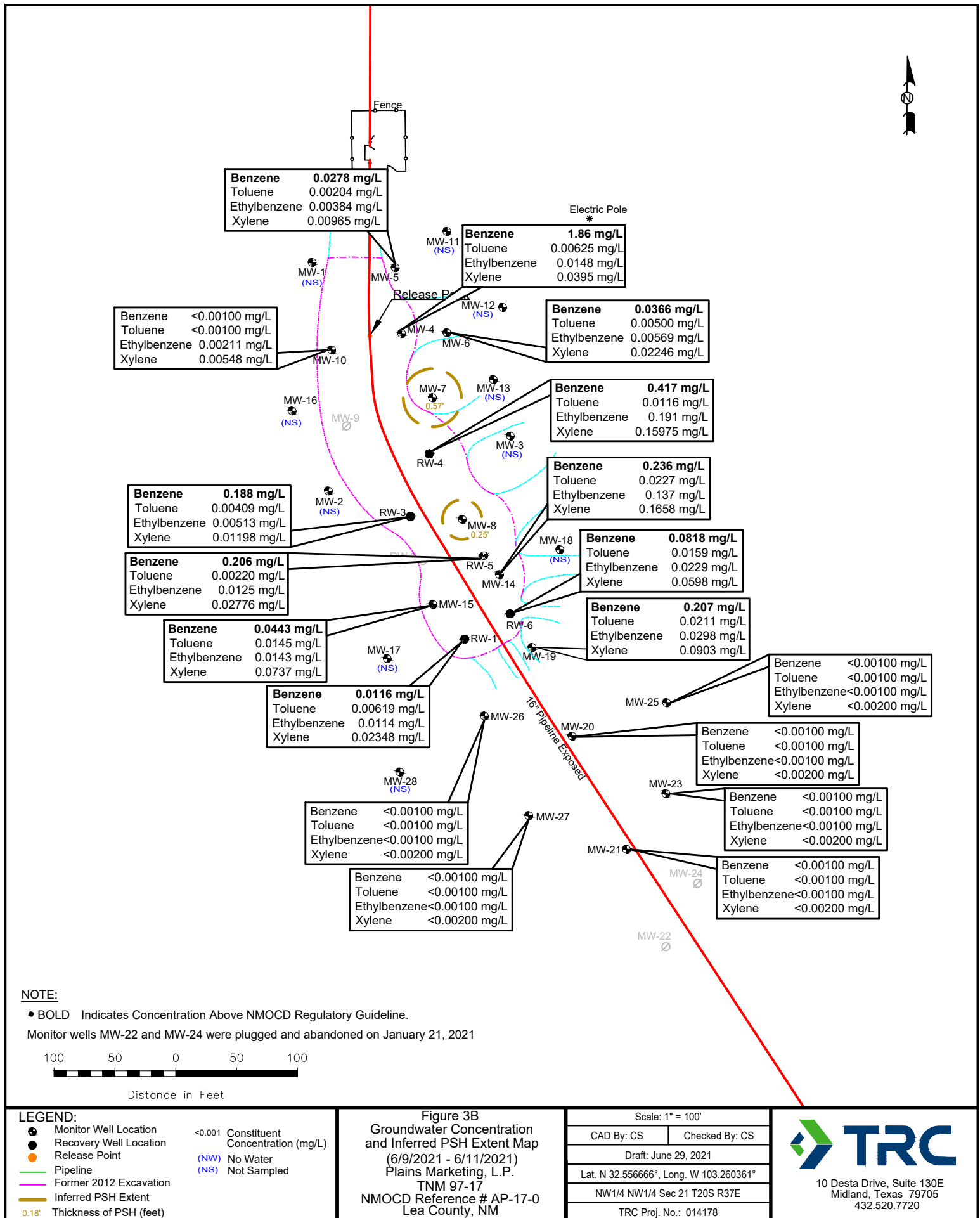


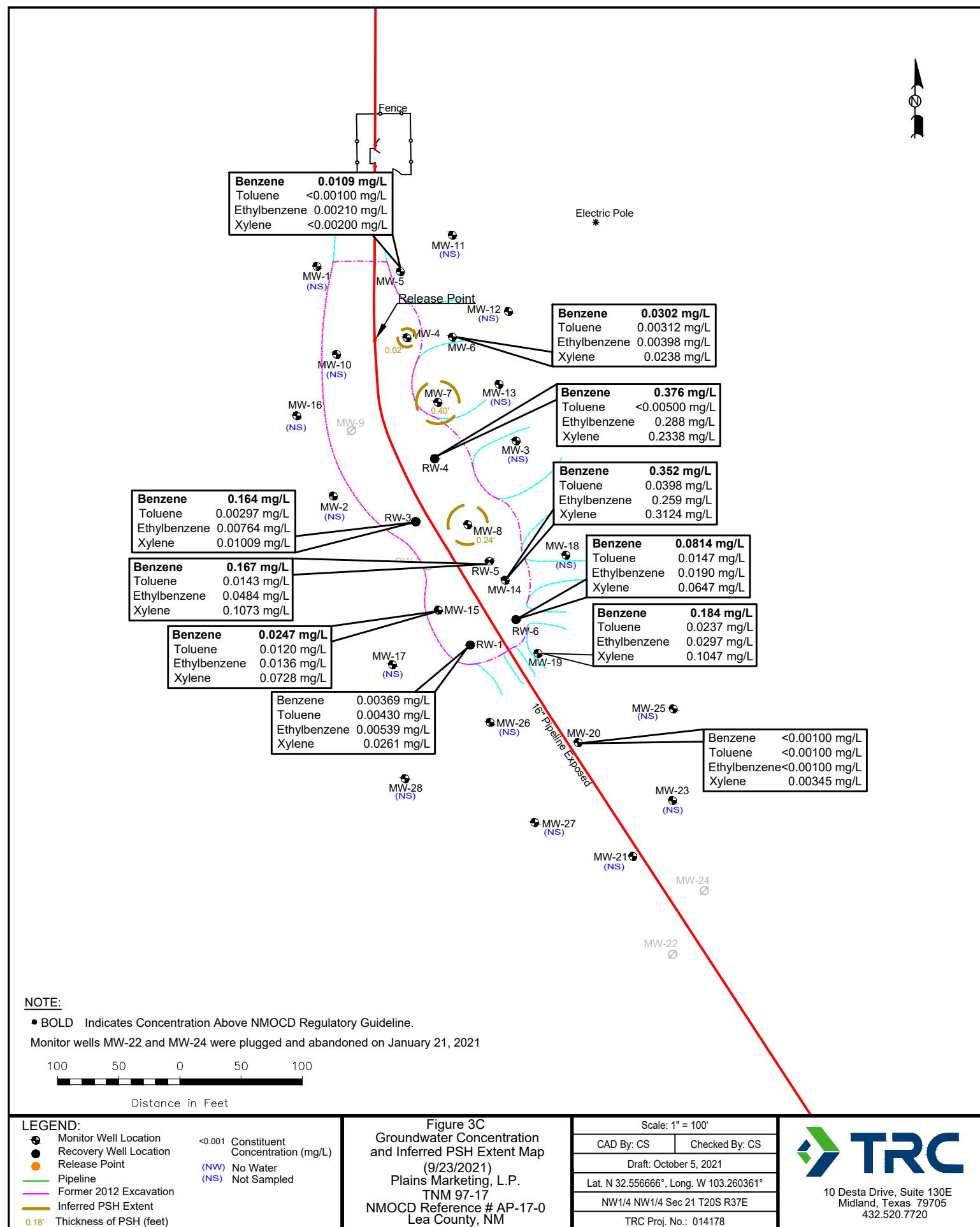
10 Desta Drive, Suite 130E
 Midland, Texas 79705
 432.520.7720

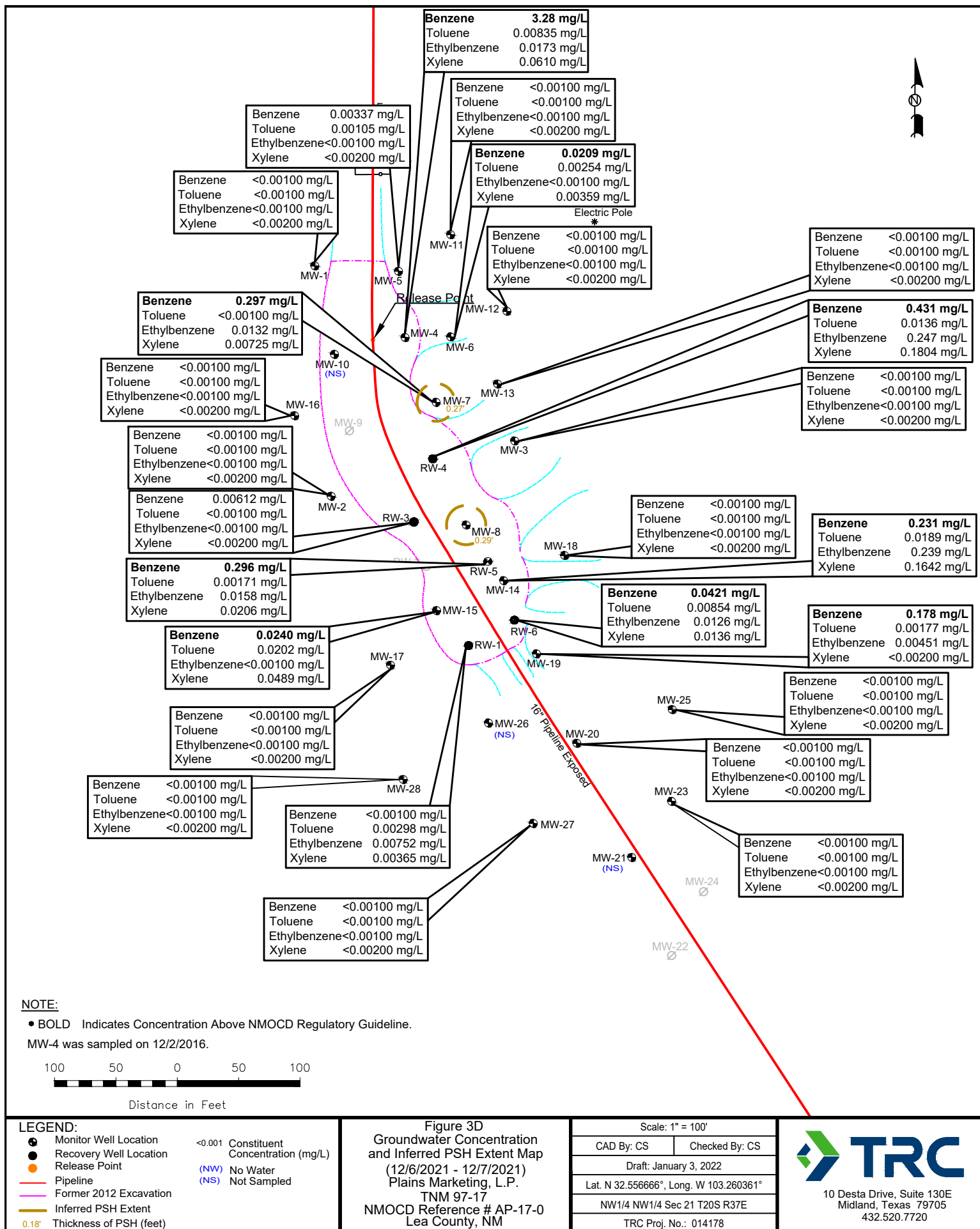


DRAWING NAME: H:\Nova\Project Files\Plains\New Mexico\TNM 97-17 (2024)\CAD\2021 Working Files\BTEX\ Figure 3A BTEX 2.10.11.21.dwg -- PLOT DATE: May 18, 2021 - 4:19PM -- LAYOUT: Layout1









TABLES

TABLE 1

2021 GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 1	01/12/21	3511.93	-	22.30	0.00	3489.63
MW - 1	02/10/21	3511.93	-	22.21	0.00	3489.72
MW - 1	04/21/21	3511.93	-	22.09	0.00	3489.84
MW - 1	06/09/21	3511.93	-	22.14	0.00	3489.79
MW - 1	09/22/21	3511.93	-	22.54	0.00	3489.39
MW - 1	10/14/21	3511.93	-	22.55	0.00	3489.38
MW - 1	12/06/21	3511.93	-	22.52	0.00	3489.41
MW - 2	01/13/21	3510.19	-	20.39	0.00	3489.80
MW - 2	02/10/21	3510.19	-	20.32	0.00	3489.87
MW - 2	04/21/21	3510.19	-	20.20	0.00	3489.99
MW - 2	06/09/21	3510.19	-	20.20	0.00	3489.99
MW - 2	09/22/21	3510.19	-	20.05	0.00	3490.14
MW - 2	10/14/21	3510.19	-	20.54	0.00	3489.65
MW - 2	12/06/21	3510.19	-	20.61	0.00	3489.58
MW - 3	01/13/21	3509.87	-	20.17	0.00	3489.70
MW - 3	02/10/21	3509.87	-	20.12	0.00	3489.75
MW - 3	04/21/21	3509.87	-	20.02	0.00	3489.85
MW - 3	06/09/21	3509.87	-	20.01	0.00	3489.86
MW - 3	09/22/21	3509.87	-	20.29	0.00	3489.58
MW - 3	10/14/21	3509.87	-	20.32	0.00	3489.55
MW - 3	12/06/21	3509.87	-	20.39	0.00	3489.48
MW - 4	01/13/21	3513.35	-	23.42	0.00	3489.93
MW - 4	02/11/21	3513.35	-	23.37	0.00	3489.98
MW - 4	04/21/21	3513.35	-	23.25	0.00	3490.10
MW - 4	06/11/21	3513.35	-	23.27	0.00	3490.08
MW - 4	09/23/21	3513.35	23.57	23.59	0.02	3489.78
MW - 4	10/14/21	3513.35	23.60	23.61	0.01	3489.75
MW - 4	10/28/21	3513.35	23.65	23.66	0.01	3489.70
MW - 4	12/06/21	3513.35	-	23.69	0.00	3489.66
MW - 5	01/13/21	3513.99	-	23.85	0.00	3490.14
MW - 5	02/11/21	3513.99	-	23.78	0.00	3490.21
MW - 5	04/21/21	3513.99	-	23.65	0.00	3490.34
MW - 5	06/11/21	3513.99	-	23.69	0.00	3490.30
MW - 5	07/31/21	3513.99	-	23.66	0.00	3490.33
MW - 5	09/23/21	3513.99	-	24.03	0.00	3489.96
MW - 5	10/14/21	3513.99	-	24.06	0.00	3489.93
MW - 5	12/06/21	3513.99	-	24.03	0.00	3489.96
MW - 6	01/13/21	3512.05	-	22.07	0.00	3489.98
MW - 6	01/22/21	3512.05	-	22.07	0.00	3489.98
MW - 6	02/11/21	3512.05	-	22.02	0.00	3490.03
MW - 6	04/21/21	3512.05	-	21.90	0.00	3490.15
MW - 6	04/28/21	3512.05	-	21.88	0.00	3490.17
MW - 6	06/10/21	3512.05	-	21.93	0.00	3490.12
MW - 6	07/31/21	3512.05	-	21.97	0.00	3490.08
MW - 6	08/31/21	3512.05	-	22.20	0.00	3489.85
MW - 6	09/23/21	3512.05	-	22.22	0.00	3489.83
MW - 6	10/14/21	3512.05	22.25	22.32	0.07	3489.79
MW - 6	10/28/21	3512.05	22.28	22.40	0.12	3489.75
MW - 6	11/22/21	3512.05	-	22.34	0.00	3489.71

TABLE 1

2021 GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	12/06/21	3512.05	-	22.34	0.00	3489.71
MW - 7	01/13/21	3511.57	21.64	22.04	0.40	3489.87
MW - 7	01/22/21	3511.57	21.65	22.05	0.40	3489.86
MW - 7	02/11/21	3511.57	21.60	22.02	0.42	3489.91
MW - 7	03/12/21	3511.57	21.53	21.95	0.42	3489.98
MW - 7	04/21/21	3511.57	21.48	21.90	0.42	3490.03
MW - 7	04/28/21	3511.57	21.46	22.11	0.65	3490.01
MW - 7	05/20/21	3511.57	21.35	21.80	0.45	3490.15
MW - 7	06/11/21	3511.57	21.48	22.05	0.57	3490.00
MW - 7	07/31/21	3511.57	21.50	22.58	1.08	3489.91
MW - 7	08/31/21	3511.57	21.80	22.59	0.79	3489.65
MW - 7	09/23/21	3511.57	21.82	22.22	0.40	3489.69
MW - 7	10/14/21	3511.57	21.84	22.20	0.36	3489.68
MW - 7	11/22/21	3511.57	21.93	22.60	0.67	3489.54
MW - 7	12/07/21	3511.57	21.93	22.20	0.27	3489.60
MW - 8	01/13/21	3511.82	22.23	22.40	0.17	3489.56
MW - 8	02/11/21	3511.82	22.21	22.35	0.14	3489.59
MW - 8	04/21/21	3511.82	22.11	22.30	0.19	3489.68
MW - 8	06/11/21	3511.82	22.10	22.35	0.25	3489.68
MW - 8	09/23/21	3511.82	22.40	22.64	0.24	3489.38
MW - 8	10/14/21	3511.82	22.45	22.65	0.20	3489.34
MW - 8	12/07/21	3511.82	22.49	22.78	0.29	3489.29
MW - 10	01/13/21	3513.79	-	23.70	0.00	3490.09
MW - 10	02/10/21	3513.79	-	23.62	0.00	3490.17
MW - 10	04/21/21	3513.79	-	23.50	0.00	3490.29
MW - 10	06/10/21	3513.79	-	23.55	0.00	3490.24
MW - 10	09/22/21	3513.79	-	23.87	0.00	3489.92
MW - 10	10/14/21	3513.79	-	23.90	0.00	3489.89
MW - 10	12/06/21	3513.79	-	23.93	0.00	3489.86
MW - 11	01/13/21	3512.89	-	22.68	0.00	3490.21
MW - 11	02/10/21	3512.89	-	22.59	0.00	3490.30
MW - 11	04/21/21	3512.89	-	22.48	0.00	3490.41
MW - 11	06/09/21	3512.89	-	22.52	0.00	3490.37
MW - 11	09/23/21	3512.89	-	22.88	0.00	3490.01
MW - 11	10/14/21	3512.89	-	22.91	0.00	3489.98
MW - 11	12/06/21	3512.89	-	22.90	0.00	3489.99
MW - 12	02/10/21	3509.69	-	19.66	0.00	3490.03
MW - 12	04/21/21	3509.69	-	19.54	0.00	3490.15
MW - 12	06/09/21	3509.69	-	19.55	0.00	3490.14
MW - 12	09/22/21	3509.69	-	19.87	0.00	3489.82
MW - 12	10/14/21	3509.69	-	19.91	0.00	3489.78
MW - 12	12/06/21	3509.69	-	19.95	0.00	3489.74
MW - 13	01/13/21	3509.57	-	19.75	0.00	3489.82
MW - 13	02/10/21	3509.57	-	19.68	0.00	3489.89
MW - 13	04/21/21	3509.57	-	19.57	0.00	3490.00
MW - 13	06/09/21	3509.57	-	19.58	0.00	3489.99
MW - 13	09/22/21	3509.57	-	19.87	0.00	3489.70
MW - 13	10/14/21	3509.57	-	19.91	0.00	3489.66

TABLE 1

2021 GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 13	12/06/21	3509.57	-	19.96	0.00	3489.61
MW - 14	01/13/21	3511.85	-	22.50	0.00	3489.35
MW - 14	02/11/21	3511.85	-	22.42	0.00	3489.43
MW - 14	04/21/21	3511.85	-	22.38	0.00	3489.47
MW - 14	06/11/21	3511.85	-	22.39	0.00	3489.46
MW - 14	09/23/21	3511.85	-	22.59	0.00	3489.26
MW - 14	10/14/21	3511.85	-	22.63	0.00	3489.22
MW - 14	10/28/21	3511.85	22.40	22.50	0.10	3489.44
MW - 14	12/06/21	3511.85	-	22.73	0.00	3489.12
MW - 15	01/13/21	3511.77	-	22.32	0.00	3489.45
MW - 15	01/22/21	3511.77	-	22.34	0.00	3489.43
MW - 15	02/11/21	3511.77	-	22.32	0.00	3489.45
MW - 15	04/21/21	3511.77	-	22.21	0.00	3489.56
MW - 15	04/28/21	3511.77	-	22.18	0.00	3489.59
MW - 15	06/11/21	3511.77	-	22.22	0.00	3489.55
MW - 15	07/31/21	3511.77	-	22.20	0.00	3489.57
MW - 15	08/31/21	3511.77	-	22.42	0.00	3489.35
MW - 15	09/23/21	3511.77	-	22.46	0.00	3489.31
MW - 15	10/14/21	3511.77	-	22.51	0.00	3489.26
MW - 15	10/28/21	3511.77	-	22.55	0.00	3489.22
MW - 15	12/06/21	3511.77	-	22.58	0.00	3489.19
MW - 16	01/13/21	3510.44	-	20.44	0.00	3490.00
MW - 16	02/10/21	3510.44	-	20.37	0.00	3490.07
MW - 16	04/21/21	3510.44	-	20.26	0.00	3490.18
MW - 16	06/09/21	3510.44	-	20.25	0.00	3490.19
MW - 16	09/22/21	3510.44	-	20.61	0.00	3489.83
MW - 16	10/14/21	3510.44	-	20.64	0.00	3489.80
MW - 16	12/06/21	3510.44	-	20.67	0.00	3489.77
MW - 17	01/13/21	3509.33	-	20.02	0.00	3489.31
MW - 17	02/10/21	3509.33	-	19.97	0.00	3489.36
MW - 17	04/21/21	3509.33	-	19.86	0.00	3489.47
MW - 17	06/09/21	3509.33	-	19.84	0.00	3489.49
MW - 17	09/22/21	3509.33	-	20.09	0.00	3489.24
MW - 17	10/14/21	3509.33	-	20.13	0.00	3489.20
MW - 17	12/06/21	3509.33	-	20.21	0.00	3489.12
MW - 18	01/13/21	3510.17	-	20.80	0.00	3489.37
MW - 18	02/10/21	3510.17	-	20.74	0.00	3489.43
MW - 18	04/21/21	3510.17	-	20.65	0.00	3489.52
MW - 18	06/09/21	3510.17	-	20.68	0.00	3489.49
MW - 18	09/22/21	3510.17	-	20.90	0.00	3489.27
MW - 18	10/14/21	3510.17	-	20.94	0.00	3489.23
MW - 18	12/06/21	3510.17	-	21.01	0.00	3489.16
MW - 19	01/13/21	3511.96	-	22.80	0.00	3489.16
MW - 19	01/22/21	3511.96	-	22.80	0.00	3489.16
MW - 19	02/11/21	3511.96	-	22.78	0.00	3489.18
MW - 19	04/21/21	3511.96	-	22.66	0.00	3489.30
MW - 19	04/28/21	3511.96	-	22.65	0.00	3489.31
MW - 19	06/11/21	3511.96	-	22.70	0.00	3489.26

TABLE 1

2021 GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 19	07/31/21	3511.96	-	22.70	0.00	3489.26
MW - 19	08/31/21	3511.96	-	22.87	0.00	3489.09
MW - 19	09/23/21	3511.96	-	22.91	0.00	3489.05
MW - 19	10/14/21	3511.96	-	22.94	0.00	3489.02
MW - 19	10/28/21	3511.96	-	22.98	0.00	3488.98
MW - 19	12/06/21	3511.96	-	23.01	0.00	3488.95
MW - 20	01/13/21	3509.47	-	20.61	0.00	3488.86
MW - 20	02/11/21	3509.47	-	20.55	0.00	3488.92
MW - 20	04/21/21	3509.47	-	20.46	0.00	3489.01
MW - 20	06/10/21	3509.47	-	20.47	0.00	3489.00
MW - 20	09/22/21	3509.47	-	20.69	0.00	3488.78
MW - 20	10/14/21	3509.47	-	20.72	0.00	3488.75
MW - 20	12/06/21	3509.47	-	20.79	0.00	3488.68
MW - 21	01/13/21	3508.05	-	19.55	0.00	3488.50
MW - 21	02/10/21	3508.05	-	19.49	0.00	3488.56
MW - 21	04/21/21	3508.05	-	19.43	0.00	3488.62
MW - 21	06/10/21	3508.05	-	19.46	0.00	3488.59
MW - 21	09/22/21	3508.05	-	19.66	0.00	3488.39
MW - 21	10/14/21	3508.05	-	19.69	0.00	3488.36
MW - 21	12/06/21	3508.05	-	19.73	0.00	3488.32
MW - 23	01/13/21	3510.83	-	22.26	0.00	3488.57
MW - 23	02/10/21	3510.83	-	22.21	0.00	3488.62
MW - 23	04/21/21	3510.83	-	22.12	0.00	3488.71
MW - 23	06/10/21	3510.83	-	22.17	0.00	3488.66
MW - 23	09/22/21	3510.83	-	22.37	0.00	3488.46
MW - 23	10/14/21	3510.83	-	22.41	0.00	3488.42
MW - 23	12/06/21	3510.83	-	22.45	0.00	3488.38
MW - 25	01/13/21	3510.71	-	21.90	0.00	3488.81
MW - 25	02/10/21	3510.71	-	21.84	0.00	3488.87
MW - 25	04/21/21	3510.71	-	21.75	0.00	3488.96
MW - 25	06/10/21	3510.71	-	21.80	0.00	3488.91
MW - 25	09/22/21	3510.71	-	22.00	0.00	3488.71
MW - 25	10/14/21	3510.71	-	22.03	0.00	3488.68
MW - 25	12/06/21	3510.71	-	22.07	0.00	3488.64
MW - 26	01/13/21	3508.57	-	19.53	0.00	3489.04
MW - 26	02/10/21	3508.57	-	19.48	0.00	3489.09
MW - 26	04/21/21	3508.57	-	19.38	0.00	3489.19
MW - 26	06/10/21	3508.57	-	19.37	0.00	3489.20
MW - 26	09/22/21	3508.57	-	19.61	0.00	3488.96
MW - 26	10/14/21	3508.57	-	19.64	0.00	3488.93
MW - 26	12/06/21	3508.57	-	19.71	0.00	3488.86
MW - 27	01/13/21	3508.73	-	19.99	0.00	3488.74
MW - 27	02/10/21	3508.73	-	19.92	0.00	3488.81
MW - 27	04/21/21	3508.73	-	19.83	0.00	3488.90
MW - 27	06/10/21	3508.73	-	19.84	0.00	3488.89
MW - 27	09/22/21	3508.73	-	20.05	0.00	3488.68
MW - 27	10/14/21	3508.73	-	20.09	0.00	3488.64
MW - 27	12/06/21	3508.73	-	20.16	0.00	3488.57

TABLE 1

2021 GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 28	01/13/21	3509.44	-	20.39	0.00	3489.05
MW - 28	02/10/21	3509.44	-	20.33	0.00	3489.11
MW - 28	04/21/21	3509.44	-	20.23	0.00	3489.21
MW - 28	06/09/21	3509.44	-	20.21	0.00	3489.23
MW - 28	09/22/21	3509.44	-	20.44	0.00	3489.00
MW - 28	10/14/21	3509.44	-	20.48	0.00	3488.96
MW - 28	12/06/21	3509.44	-	20.56	0.00	3488.88
RW - 1	01/13/21	3512.54	-	23.27	0.00	3489.27
RW - 1	02/11/21	3512.54	-	23.26	0.00	3489.28
RW - 1	04/21/21	3512.54	-	23.12	0.00	3489.42
RW - 1	06/10/21	3512.54	-	23.17	0.00	3489.37
RW - 1	07/31/21	3512.54	-	23.21	0.00	3489.33
RW - 1	08/31/21	3512.54	-	23.37	0.00	3489.17
RW - 1	09/23/21	3512.54	-	23.34	0.00	3489.20
RW - 1	10/14/21	3512.54	-	23.42	0.00	3489.12
RW - 1	10/28/21	3512.54	-	23.45	0.00	3489.09
RW - 1	12/06/21	3512.54	-	23.54	0.00	3489.00
RW - 3	01/13/21	3512.17	-	22.46	0.00	3489.71
RW - 3	02/11/21	3512.17	-	22.43	0.00	3489.74
RW - 3	04/21/21	3512.17	-	22.33	0.00	3489.84
RW - 3	04/28/21	3512.17	-	22.31	0.00	3489.86
RW - 3	06/11/21	3512.17	-	22.32	0.00	3489.85
RW - 3	07/31/21	3512.17	-	22.35	0.00	3489.82
RW - 3	08/31/21	3512.17	-	22.58	0.00	3489.59
RW - 3	09/23/21	3512.17	-	22.61	0.00	3489.56
RW - 3	10/14/21	3512.17	-	22.63	0.00	3489.54
RW - 3	10/28/21	3512.17	-	22.67	0.00	3489.50
RW - 3	12/06/21	3512.17	-	22.73	0.00	3489.44
RW - 4	01/13/21	3512.62	-	22.86	0.00	3489.76
RW - 4	02/11/21	3512.62	-	22.82	0.00	3489.80
RW - 4	04/21/21	3512.62	-	22.74	0.00	3489.88
RW - 4	06/11/21	3512.62	-	22.74	0.00	3489.88
RW - 4	09/23/21	3512.62	-	23.05	0.00	3489.57
RW - 4	10/14/21	3512.62	-	23.08	0.00	3489.54
RW - 4	10/28/21	3512.62	-	23.14	0.00	3489.48
RW - 4	12/06/21	3512.62	-	23.18	0.00	3489.44
RW - 5	01/13/21	3512.12	-	22.63	0.00	3489.49
RW - 5	02/11/21	3512.12	-	22.63	0.00	3489.49
RW - 5	04/21/21	3512.12	-	22.49	0.00	3489.63
RW - 5	04/28/21	3512.12	-	22.48	0.00	3489.64
RW - 5	06/11/21	3512.12	-	22.48	0.00	3489.64
RW - 5	07/31/21	3512.12	-	22.54	0.00	3489.58
RW - 5	08/31/21	3512.12	-	22.69	0.00	3489.43
RW - 5	09/23/21	3512.12	-	22.73	0.00	3489.39
RW - 5	10/14/21	3512.12	-	22.78	0.00	3489.34
RW - 5	10/28/21	3512.12	-	22.82	0.00	3489.30
RW - 5	12/06/21	3512.12	-	22.89	0.00	3489.23
RW - 6	01/13/21	3512.44	-	23.17	0.00	3489.27

TABLE 1

2021 GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 6	02/11/21	3512.44	-	23.15	0.00	3489.29
RW - 6	04/21/21	3512.44	-	23.06	0.00	3489.38
RW - 6	06/11/21	3512.44	-	23.09	0.00	3489.35
RW - 6	07/31/21	3512.44	-	23.08	0.00	3489.36
RW - 6	08/31/21	3512.44	-	23.27	0.00	3489.17
RW - 6	09/23/21	3512.44	-	23.29	0.00	3489.15
RW - 6	10/14/21	3512.44	-	23.33	0.00	3489.11
RW - 6	10/28/21	3512.44	-	23.39	0.00	3489.05
RW - 6	12/06/21	3512.44	-	23.48	0.00	3488.96

Elevations based on the North American Vertical Datum of 1929.

2014 Resurvey elevations based on the North American Vertical Datum of 1988.

TABLE 2

2021 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 1	02/10/21	Not Sampled on Current Sample Schedule				
MW - 1	06/09/21	Not Sampled on Current Sample Schedule				
MW - 1	09/23/21	Not Sampled on Current Sample Schedule				
MW - 1	12/06/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 2	02/10/21	Not Sampled on Current Sample Schedule				
MW - 2	06/09/21	Not Sampled on Current Sample Schedule				
MW - 2	09/23/21	Not Sampled on Current Sample Schedule				
MW - 2	12/06/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 3	02/10/21	Not Sampled on Current Sample Schedule				
MW - 3	06/09/21	Not Sampled on Current Sample Schedule				
MW - 3	09/23/21	Not Sampled on Current Sample Schedule				
MW - 3	12/06/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 4	02/11/21	0.865	0.0110	0.0226	0.0456	
MW - 4	06/11/21	1.86	0.00625	0.0148	0.0395	
MW - 4	09/23/21	Not Sampled Due to PSH in Well				
MW - 4	12/06/21	3.28	0.00835	0.0173	0.0610	
MW - 5	02/11/21	0.0318	0.00192	0.00369	<0.00200	
MW - 5	06/11/21	0.0278	0.00204	0.00384	0.00965	
MW - 5	09/23/21	0.0109	<0.00100	0.00210	<0.00200	
MW - 5	12/07/21	0.00337	0.00105	<0.00100	<0.00200	
MW - 6	02/11/21	0.0305	0.00711	0.0296	0.01598	
MW - 6	06/10/21	0.0366	0.00500	0.00569	0.02246	
MW - 6	09/23/21	0.0302	0.00312	0.00398	0.0238	
MW - 6	12/06/21	0.0209	0.00254	<0.00100	0.00359	
MW - 7	02/11/21	Not Sampled Due to PSH in Well				
MW - 7	06/11/21	Not Sampled Due to PSH in Well				
MW - 7	09/23/21	Not Sampled Due to PSH in Well				
MW - 7	12/07/21	0.297	<0.00100	0.0132	0.00725	
MW - 8	02/11/21	Not Sampled Due to PSH in Well				
MW - 8	06/11/21	Not Sampled Due to PSH in Well				
MW - 8	09/23/21	Not Sampled Due to PSH in Well				
MW - 8	12/07/21	Not Sampled Due to PSH in Well				

TABLE 2

2021 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 10	02/10/21	Not Sampled on Current Sample Schedule				
MW - 10	06/10/21	<0.00100	<0.00100	0.00211	0.00548	
MW - 10	09/23/21	Not Sampled on Current Sample Schedule				
MW - 10	12/06/21	Not Sampled on Current Sample Schedule				
MW - 11	02/10/21	Not Sampled on Current Sample Schedule				
MW - 11	06/09/21	Not Sampled on Current Sample Schedule				
MW - 11	09/23/21	Not Sampled on Current Sample Schedule				
MW - 11	12/07/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	02/10/21	Not Sampled on Current Sample Schedule				
MW - 12	06/09/21	Not Sampled on Current Sample Schedule				
MW - 12	09/23/21	Not Sampled on Current Sample Schedule				
MW - 12	12/06/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 13	02/10/21	Not Sampled on Current Sample Schedule				
MW - 13	06/09/21	Not Sampled on Current Sample Schedule				
MW - 13	09/23/21	Not Sampled on Current Sample Schedule				
MW - 13	12/06/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 14	02/11/21	0.140	0.0245	0.145	0.1472	
MW - 14	06/11/21	0.236	0.0227	0.137	0.1658	
MW - 14	09/23/21	0.352	0.0398	0.259	0.3124	
MW - 14	12/06/21	0.231	0.0189	0.239	0.1642	
MW - 15	02/11/21	0.0575	0.0163	0.0521	0.0353	
MW - 15	06/11/21	0.0443	0.0145	0.0143	0.0737	
MW - 15	09/23/21	0.0247	0.0120	0.0136	0.0728	
MW - 15	12/06/21	0.0240	0.0202	<0.00100	0.0489	
MW - 16	02/10/21	Not Sampled on Current Sample Schedule				
MW - 16	06/09/21	Not Sampled on Current Sample Schedule				
MW - 16	09/23/21	Not Sampled on Current Sample Schedule				
MW - 16	12/06/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 17	02/10/21	Not Sampled on Current Sample Schedule				
MW - 17	06/09/21	Not Sampled on Current Sample Schedule				
MW - 17	09/23/21	Not Sampled on Current Sample Schedule				
MW - 17	12/06/21	<0.00100	<0.00100	<0.00100	<0.00200	

TABLE 2

2021 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 18	02/10/21	Not Sampled on Current Sample Schedule				
MW - 18	06/09/21	Not Sampled on Current Sample Schedule				
MW - 18	09/23/21	Not Sampled on Current Sample Schedule				
MW - 18	12/06/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 19	02/11/21	0.133	0.0311	0.0492	0.0544	
MW - 19	06/11/21	0.207	0.0211	0.0298	0.0903	
MW - 19	09/23/21	0.184	0.0237	0.0297	0.1047	
MW - 19	12/07/21	0.178	0.00177	0.00451	<0.00200	
MW - 20	02/11/21	<0.00100	0.00149	<0.00100	<0.00200	
MW - 20	06/10/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 20	09/23/21	<0.00100	<0.00100	<0.00100	0.00345	
MW - 20	12/06/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 21	02/10/21	Not Sampled on Current Sample Schedule				
MW - 21	06/10/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 21	09/23/21	Not Sampled on Current Sample Schedule				
MW - 21	12/06/21	Not Sampled on Current Sample Schedule				
MW - 23	02/10/21	Not Sampled on Current Sample Schedule				
MW - 23	06/10/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 23	09/23/21	Not Sampled on Current Sample Schedule				
MW - 23	12/06/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 25	02/10/21	Not Sampled on Current Sample Schedule				
MW - 25	06/10/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 25	09/23/21	Not Sampled on Current Sample Schedule				
MW - 25	12/07/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 26	02/10/21	Not Sampled on Current Sample Schedule				
MW - 26	06/10/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 26	09/23/21	Not Sampled on Current Sample Schedule				
MW - 26	12/06/21	Not Sampled on Current Sample Schedule				
MW - 27	02/10/21	Not Sampled on Current Sample Schedule				
MW - 27	06/10/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 27	09/23/21	Not Sampled on Current Sample Schedule				
MW - 27	12/06/21	<0.00100	<0.00100	<0.00100	<0.00200	

TABLE 2

2021 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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	02/10/21	Not Sampled on Current Sample Schedule				
MW - 28	06/09/21	Not Sampled on Current Sample Schedule				
MW - 28	09/23/21	Not Sampled on Current Sample Schedule				
MW - 28	12/06/21	<0.00100	<0.00100	<0.00100	<0.00200	
RW - 1	02/11/21	0.00977	0.00630	0.0260	0.01389	
RW - 1	06/10/21	0.0116	0.00619	0.0114	0.02348	
RW - 1	09/23/21	0.00369	0.00430	0.00539	0.0261	
RW - 1	12/06/21	<0.00100	0.00298	0.00752	0.00365	
RW - 3	02/11/21	0.0903	0.00413	0.00658	0.00679	
RW - 3	06/11/21	0.188	0.00409	0.00513	0.01198	
RW - 3	09/23/21	0.164	0.00297	0.00764	0.01009	
RW - 3	12/07/21	0.00612	<0.00100	<0.00100	<0.00200	
RW - 4	02/11/21	0.154	0.0160	0.175	0.1635	
RW - 4	06/11/21	0.417	0.0116	0.191	0.15975	
RW - 4	09/23/21	0.376	<0.00500	0.288	0.2338	
RW - 4	12/06/21	0.431	0.0136	0.247	0.1804	
RW - 5	02/11/21	0.135	0.00518	0.0297	0.0266	
RW - 5	06/11/21	0.206	0.00220	0.0125	0.02776	
RW - 5	09/23/21	0.167	0.0143	0.0484	0.1073	
RW - 5	12/06/21	0.296	0.00171	0.0158	0.0206	
RW - 6	02/11/21	0.0643	0.0182	0.0569	0.0281	
RW - 6	06/11/21	0.0818	0.0159	0.0229	0.0598	
RW - 6	09/23/21	0.0814	0.0147	0.0190	0.0647	
RW - 6	12/06/21	0.0421	0.00854	0.0126	0.0136	

2021 POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-17

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER AP-017

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																				
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran		
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---			
MW-1	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																				
MW-2	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																				
MW-3	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																				
MW-4	12/06/21	0.026	0.0027	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0016	<0.00010	<0.00010	0.026	<0.00010	0.026	<0.00010	0.152		0.0079			
MW-5	12/07/21	Not Sampled as part of Quarterly Monitoring Event.																				
MW-6	12/06/21	0.0019	<0.00010	<0.00010	0.00060	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0012	<0.00010	<0.00010	<0.00010	0.0046		0.0012			
MW-7	12/07/21	0.0015	0.00070	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.00031	<0.00010	<0.00010	0.0020	<0.00010	0.0011	<0.00010	0.0196		0.0011			
MW-8	12/07/21	Not Sampled due to the presence of PSH.																				
MW-10	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																				
MW-11	12/07/21	Not Sampled as part of Quarterly Monitoring Event.																				
MW-12	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																				
MW-13	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																				
MW-14	12/06/21	0.041	0.0084	<0.00010	0.0077	<0.00010	<0.00010	<0.00010	<0.00010	0.0045	<0.00010	<0.00010	0.051	<0.00010	0.055	<0.00010	0.548		0.040			
MW-15	12/06/21	0.0069	<0.00010	<0.00010	0.0013	<0.00010	<0.00010	0.00078	<0.00010	<0.00010	0.00049	<0.00010	0.0022	0.00082	<0.00010	<0.00010	0.0065		0.0026			

2021 POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-17

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER AP-017

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																	
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenzo[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---
MW-16	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																	
MW-17	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																	
MW-18	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																	
MW-19	12/07/21	0.0023	0.00071	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0025	<0.00010	0.00076	<0.00010	0.0191		0.0022
MW-20	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																	
MW-21	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																	
MW-23	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																	
MW-25	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																	
MW-26	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																	
MW-27	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																	
MW-28	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																	
RW-1	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																	
RW-3	12/07/21	0.00085	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0018		0.00095
RW-4	12/06/21	<0.0010	0.0021	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0011	<0.00010	<0.00010	0.0081	<0.00010	0.0051	<0.00010	0.0845		0.0040

2021 POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-17

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER AP-017

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-5	12/06/21	0.0040	0.0011	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.00045	<0.00010	<0.00010	0.0025	<0.00010	0.0019	<0.00010	0.0229		0.0036
RW-6	12/06/21	0.0064	0.0020	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0012	<0.00010	<0.00010	0.0056	<0.00010	0.0026	0.00077	0.017		0.0044

* = Sample Detection Limit (SDL)

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 1	03/03/00	3510.90	-	22.33	0.00	3488.57
MW - 1	04/11/00	3510.90	-	22.31	0.00	3488.59
MW - 1	09/01/00	3510.90	-	23.43	0.00	3487.47
MW - 1	11/21/00	3510.90	-	23.10	0.00	3487.80
MW - 1	02/22/01	3510.90	-	22.54	0.00	3488.36
MW - 1	05/17/01	3510.90	-	22.29	0.00	3488.61
MW - 1	08/08/01	3510.90	-	23.34	0.00	3487.56
MW - 1	10/24/01	3510.90	-	22.58	0.00	3488.32
MW - 1	03/27/02	3510.90	-	22.14	0.00	3488.76
MW - 1	05/14/02	3510.90	-	21.93	0.00	3488.97
MW - 1	06/20/02	3510.90	-	22.02	0.00	3488.88
MW - 1	09/26/02	3510.90	-	22.62	0.00	3488.28
MW - 1	11/12/02	3510.90	-	22.33	0.00	3488.57
MW - 1	02/12/03	3510.90	-	21.95	0.00	3488.95
MW - 1	05/14/03	3510.90	-	22.07	0.00	3488.83
MW - 1	08/21/03	3510.90	-	23.07	0.00	3487.83
MW - 1	12/10/03	3510.90	-	23.04	0.00	3487.86
MW - 1	02/11/04	3510.90	-	22.94	0.00	3487.96
MW - 1	05/11/04	3510.90	-	21.24	0.00	3489.66
MW - 1	08/25/04	3510.90	-	22.22	0.00	3488.68
MW - 1	12/02/04	3510.90	-	21.55	0.00	3489.35
MW - 1	03/08/05	3510.90	-	20.78	0.00	3490.12
MW - 1	06/08/05	3510.90	-	20.30	0.00	3490.60
MW - 1	09/15/05	3510.90	-	20.71	0.00	3490.19
MW - 1	12/12/05	3510.90	-	20.48	0.00	3490.42
MW - 1	03/16/06	3510.90	-	20.38	0.00	3490.52
MW - 1	06/15/06	3510.90	-	20.98	0.00	3489.92
MW - 1	09/18/06	3510.90	-	20.68	0.00	3490.22
MW - 1	11/30/06	3510.90	-	20.72	0.00	3490.18
MW - 1	02/27/07	3510.90	-	20.46	0.00	3490.44
MW - 1	05/22/07	3510.90	-	20.24	0.00	3490.66
MW - 1	08/15/07	3510.90	-	21.09	0.00	3489.81
MW - 1	11/06/07	3510.90	-	20.81	0.00	3490.09
MW - 1	02/12/08	3510.90	-	25.64	0.00	3485.26
MW - 1	05/13/08	3510.90	-	20.56	0.00	3490.34
MW - 1	08/14/08	3510.90	-	21.51	0.00	3489.39
MW - 1	11/12/08	3510.90	-	20.88	0.00	3490.02
MW - 1	02/10/09	3510.90	-	20.73	0.00	3490.17
MW - 1	02/16/09	3510.90	-	18.71	0.00	3492.19
MW - 1	05/12/09	3510.90	-	20.72	0.00	3490.18
MW - 1	08/10/09	3510.90	-	21.50	0.00	3489.40
MW - 1	11/18/09	3510.90	-	21.60	0.00	3489.30
MW - 1	01/04/10	3510.90	-	21.41	0.00	3489.49
MW - 1	02/09/10	3510.90	-	21.33	0.00	3489.57
MW - 1	05/12/10	3510.90	-	20.91	0.00	3489.99
MW - 1	08/11/10	3510.90	-	20.90	0.00	3490.00
MW - 1	11/11/10	3510.90	-	21.62	0.00	3489.28
MW - 1	02/16/11	3510.90	-	21.62	0.00	3489.28
MW - 1	05/19/11	3510.90	-	21.83	0.00	3489.07
MW - 1	08/10/11	3510.90	-	21.84	0.00	3489.06
MW - 1	11/14/11	3510.90	-	21.70	0.00	3489.20
MW - 1	02/29/12	3510.90	-	21.34	0.00	3489.56
MW - 1	05/02/12	3510.90	-	21.29	0.00	3489.61
MW - 1	12/06/12	3510.90	-	21.62	0.00	3489.28

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 1	02/13/13	3510.90	-	21.49	0.00	3489.41
MW - 1	05/22/13	3510.90	-	21.35	0.00	3489.55
MW - 1	08/12/13	3510.90	-	21.78	0.00	3489.12
MW - 1	11/20/13	3510.90	-	21.77	0.00	3489.13
MW - 1	02/04/14	3511.93	-	21.58	0.00	3490.35
MW - 1	05/14/14	3511.93	-	22.44	0.00	3489.49
MW - 1	07/22/14	3511.93	-	22.20	0.00	3489.73
MW - 1	08/05/14	3511.93	-	22.27	0.00	3489.66
MW - 1	10/27/14	3511.93	-	21.16	0.00	3490.77
MW - 1	11/19/14	3511.93	-	21.09	0.00	3490.84
MW - 1	02/09/15	3511.93	-	20.98	0.00	3490.95
MW - 1	03/20/15	3511.93	-	20.95	0.00	3490.98
MW - 1	04/04/15	3511.93	-	20.90	0.00	3491.03
MW - 1	05/27/15	3511.93	-	20.77	0.00	3491.16
MW - 1	07/09/15	3511.93	-	20.97	0.00	3490.96
MW - 1	08/03/15	3511.93	-	21.29	0.00	3490.64
MW - 1	09/24/15	3511.93	-	21.49	0.00	3490.44
MW - 1	11/18/15	3511.93	-	21.03	0.00	3490.90
MW - 1	01/08/16	3511.93	-	20.89	0.00	3491.04
MW - 1	02/23/16	3511.93	-	20.79	0.00	3491.14
MW - 1	04/08/16	3511.93	-	20.67	0.00	3491.26
MW - 1	06/06/16	3511.93	-	20.86	0.00	3491.07
MW - 1	06/28/16	3511.93	-	21.18	0.00	3490.75
MW - 1	07/27/16	3511.93	-	21.55	0.00	3490.38
MW - 1	08/03/16	3511.93	-	21.57	0.00	3490.36
MW - 1	09/27/16	3511.93	-	20.62	0.00	3491.31
MW - 1	10/21/16	3511.93	-	20.47	0.00	3491.46
MW - 1	11/08/16	3511.93	-	20.44	0.00	3491.49
MW - 1	01/26/17	3511.93	-	20.42	0.00	3491.51
MW - 1	02/28/17	3511.93	-	20.40	0.00	3491.53
MW - 1	03/15/17	3511.93	-	20.37	0.00	3491.56
MW - 1	05/23/17	3511.93	-	20.41	0.00	3491.52
MW - 1	07/20/17	3511.93	-	21.06	0.00	3490.87
MW - 1	08/16/17	3511.93	-	20.87	0.00	3491.06
MW - 1	09/13/17	3511.93	-	21.01	0.00	3490.92
MW - 1	10/12/17	3511.93	-	20.63	0.00	3491.30
MW - 1	11/13/17	3511.93	-	20.56	0.00	3491.37
MW - 1	02/07/18	3511.93	Well too bent to get reading			-
MW - 1	03/29/18	3511.93	Well too bent to get reading			-
MW - 1	05/21/18	3511.93	Well too bent to get reading			-
MW - 1	06/18/18	3511.93	Well too bent to get reading			-
MW - 1	07/11/18	3511.93	Well too bent to get reading			-
MW - 1	08/08/18	3511.93	Well too bent to get reading			-
MW - 1	09/12/18	3511.93	-	21.96	0.00	3489.97
MW - 1	11/12/18	3511.93	-	21.64	0.00	3490.29
MW - 1	01/09/19	3511.93	-	21.45	0.00	3490.48
MW - 1	02/12/19	3511.93	-	21.38	0.00	3490.55
MW - 1	03/12/19	3511.93	-	21.34	0.00	3490.59
MW - 1	04/01/19	3511.93	-	21.23	0.00	3490.70
MW - 1	05/07/19	3511.93	-	21.18	0.00	3490.75
MW - 1	06/14/19	3511.93	-	21.48	0.00	3490.45
MW - 1	07/11/19	3511.93	-	21.81	0.00	3490.12
MW - 1	08/07/19	3511.93	-	22.06	0.00	3489.87
MW - 1	09/12/19	3511.93	-	22.20	0.00	3489.73

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 1	10/15/19	3511.93	-	21.99	0.00	3489.94
MW - 1	11/06/19	3511.93	-	21.85	0.00	3490.08
MW - 1	12/17/19	3511.93	-	21.62	0.00	3490.31
MW - 1	01/06/20	3511.93	-	21.57	0.00	3490.36
MW - 1	03/04/20	3511.93	-	21.43	0.00	3490.50
MW - 1	05/14/20	3511.93	-	21.24	0.00	3490.69
MW - 1	06/17/20	3511.93	-	21.81	0.00	3490.12
MW - 1	07/21/20	3511.93	-	22.14	0.00	3489.79
MW - 1	08/12/20	3511.93	-	22.23	0.00	3489.70
MW - 1	09/14/20	3511.93	-	22.35	0.00	3489.58
MW - 1	12/09/20	3511.93	-	22.38	0.00	3489.55
MW - 1	01/12/21	3511.93	-	22.30	0.00	3489.63
MW - 1	02/10/21	3511.93	-	22.21	0.00	3489.72
MW - 1	04/21/21	3511.93	-	22.09	0.00	3489.84
MW - 1	06/09/21	3511.93	-	22.14	0.00	3489.79
MW - 1	09/22/21	3511.93	-	22.54	0.00	3489.39
MW - 1	10/14/21	3511.93	-	22.55	0.00	3489.38
MW - 1	12/06/21	3511.93	-	22.52	0.00	3489.41
MW - 2	03/03/00	3509.23	-	21.35	0.00	3487.88
MW - 2	04/11/00	3509.23	-	21.31	0.00	3487.92
MW - 2	09/01/00	3509.23	-	22.23	0.00	3487.00
MW - 2	11/21/00	3509.23	-	22.05	0.00	3487.18
MW - 2	02/22/01	3509.23	-	21.52	0.00	3487.71
MW - 2	05/17/01	3509.23	-	21.30	0.00	3487.93
MW - 2	08/08/01	3509.23	-	22.21	0.00	3487.02
MW - 2	10/24/01	3509.23	-	21.54	0.00	3487.69
MW - 2	03/27/02	3509.23	-	21.15	0.00	3488.08
MW - 2	05/14/02	3509.23	-	20.92	0.00	3488.31
MW - 2	06/20/02	3509.23	-	21.04	0.00	3488.19
MW - 2	09/26/02	3509.23	-	21.44	0.00	3487.79
MW - 2	11/12/02	3509.23	-	21.37	0.00	3487.86
MW - 2	02/12/03	3509.23	-	20.95	0.00	3488.28
MW - 2	05/14/03	3509.23	-	21.15	0.00	3488.08
MW - 2	08/21/03	3509.23	-	21.89	0.00	3487.34
MW - 2	12/10/03	3509.23	-	21.83	0.00	3487.40
MW - 2	02/11/04	3509.23	-	21.91	0.00	3487.32
MW - 2	05/11/04	3509.23	-	20.69	0.00	3488.54
MW - 2	08/25/04	3509.23	-	21.12	0.00	3488.11
MW - 2	12/02/04	3509.23	-	20.40	0.00	3488.83
MW - 2	03/08/05	3509.23	-	19.83	0.00	3489.40
MW - 2	06/08/05	3509.23	-	19.36	0.00	3489.87
MW - 2	09/15/05	3509.23	-	19.60	0.00	3489.63
MW - 2	12/07/05	3509.23	24.81	24.82	0.01	3484.42
MW - 2	12/12/05	3509.23	-	19.43	0.00	3489.80
MW - 2	03/16/06	3509.23	-	19.37	0.00	3489.86
MW - 2	06/15/06	3509.23	-	19.80	0.00	3489.43
MW - 2	09/18/06	3509.23	-	19.57	0.00	3489.66
MW - 2	11/30/06	3509.23	-	19.55	0.00	3489.68
MW - 2	02/27/07	3509.23	-	19.41	0.00	3489.82
MW - 2	05/22/07	3509.23	-	19.23	0.00	3490.00
MW - 2	08/15/07	3509.23	-	19.88	0.00	3489.35
MW - 2	11/06/07	3509.23	-	19.73	0.00	3489.50
MW - 2	02/12/08	3509.23	-	19.52	0.00	3489.71

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	05/13/08	3509.23	-	19.50	0.00	3489.73
MW - 2	08/14/08	3509.23	-	20.26	0.00	3488.97
MW - 2	11/12/08	3509.23	-	19.80	0.00	3489.43
MW - 2	02/10/09	3509.23	-	19.65	0.00	3489.58
MW - 2	05/12/09	3509.23	-	19.58	0.00	3489.65
MW - 2	08/10/09	3509.23	-	20.24	0.00	3488.99
MW - 2	11/18/09	3509.23	-	20.48	0.00	3488.75
MW - 2	01/04/10	3509.23	-	20.34	0.00	3488.89
MW - 2	02/09/10	3509.23	-	20.25	0.00	3488.98
MW - 2	05/12/10	3509.23	-	19.86	0.00	3489.37
MW - 2	08/11/10	3509.23	-	19.88	0.00	3489.35
MW - 2	11/11/10	3509.23	-	20.50	0.00	3488.73
MW - 2	02/16/11	3509.23	-	20.51	0.00	3488.72
MW - 2	05/19/11	3509.23	-	20.50	0.00	3488.73
MW - 2	08/10/11	3509.23	-	20.53	0.00	3488.70
MW - 2	11/14/11	3509.23	-	20.55	0.00	3488.68
MW - 2	02/29/12	3509.23	-	20.24	0.00	3488.99
MW - 2	05/02/12	3509.23	-	20.15	0.00	3489.08
MW - 2	12/06/12	3509.23	-	20.43	0.00	3488.80
MW - 2	02/13/13	3509.23	-	20.31	0.00	3488.92
MW - 2	05/22/13	3509.23	-	20.15	0.00	3489.08
MW - 2	08/12/13	3509.23	-	20.52	0.00	3488.71
MW - 2	11/20/13	3509.23	-	20.59	0.00	3488.64
MW - 2	02/04/14	3510.19	-	20.40	0.00	3489.79
MW - 2	05/14/14	3510.19	-	20.25	0.00	3489.94
MW - 2	05/22/14	3510.19	-	20.86	0.00	3489.33
MW - 2	07/22/14	3510.19	-	20.86	0.00	3489.33
MW - 2	08/05/14	3510.19	-	20.94	0.00	3489.25
MW - 2	10/27/14	3510.19	-	19.84	0.00	3490.35
MW - 2	11/19/14	3510.19	-	19.78	0.00	3490.41
MW - 2	02/09/15	3510.19	-	19.77	0.00	3490.42
MW - 2	03/16/15	3510.19	-	26.45	0.00	3483.74
MW - 2	03/20/15	3510.19	-	19.75	0.00	3490.44
MW - 2	04/04/15	3510.19	-	19.73	0.00	3490.46
MW - 2	05/27/15	3510.19	-	19.59	0.00	3490.60
MW - 2	07/09/15	3510.19	-	19.63	0.00	3490.56
MW - 2	08/03/15	3510.19	-	19.92	0.00	3490.27
MW - 2	09/24/15	3510.19	-	20.16	0.00	3490.03
MW - 2	11/18/15	3510.19	-	19.79	0.00	3490.40
MW - 2	01/08/16	3510.19	-	19.67	0.00	3490.52
MW - 2	02/23/16	3510.19	-	19.60	0.00	3490.59
MW - 2	04/08/16	3510.19	-	19.49	0.00	3490.70
MW - 2	06/06/16	3510.19	-	19.55	0.00	3490.64
MW - 2	06/28/16	3510.19	-	19.78	0.00	3490.41
MW - 2	07/27/16	3510.19	-	20.10	0.00	3490.09
MW - 2	08/03/16	3510.19	-	20.15	0.00	3490.04
MW - 2	09/27/16	3510.19	-	19.25	0.00	3490.94
MW - 2	10/21/16	3510.19	-	19.09	0.00	3491.10
MW - 2	11/08/16	3510.19	-	19.11	0.00	3491.08
MW - 2	01/26/17	3510.19	-	19.17	0.00	3491.02
MW - 2	02/28/17	3510.19	-	19.15	0.00	3491.04
MW - 2	03/15/17	3510.19	-	19.12	0.00	3491.07
MW - 2	05/23/17	3510.19	-	19.12	0.00	3491.07
MW - 2	07/20/17	3510.19	-	19.66	0.00	3490.53

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	08/16/17	3510.19	-	19.59	0.00	3490.60
MW - 2	09/13/17	3510.19	-	19.70	0.00	3490.49
MW - 2	10/12/17	3510.19	-	19.37	0.00	3490.82
MW - 2	11/14/17	3510.19	-	19.28	0.00	3490.91
MW - 2	12/20/17	3510.19	-	19.21	0.00	3490.98
MW - 2	01/09/18	3510.19	-	19.18	0.00	3491.01
MW - 2	02/07/18	3510.19	-	19.18	0.00	3491.01
MW - 2	03/29/18	3510.19	-	19.12	0.00	3491.07
MW - 2	04/16/18	3510.19	-	19.08	0.00	3491.11
MW - 2	05/21/18	3510.19	-	19.27	0.00	3490.92
MW - 2	06/18/18	3510.19	-	19.55	0.00	3490.64
MW - 2	07/11/18	3510.19	-	19.73	0.00	3490.46
MW - 2	08/08/18	3510.19	-	19.92	0.00	3490.27
MW - 2	09/12/18	3510.19	-	20.03	0.00	3490.16
MW - 2	11/12/18	3510.19	-	19.71	0.00	3490.48
MW - 2	01/09/19	3510.19	-	19.53	0.00	3490.66
MW - 2	02/12/19	3510.19	-	19.48	0.00	3490.71
MW - 2	03/12/19	3510.19	-	19.42	0.00	3490.77
MW - 2	04/01/19	3510.19	-	19.36	0.00	3490.83
MW - 2	05/07/19	3510.19	-	19.28	0.00	3490.91
MW - 2	06/14/19	3510.19	-	19.50	0.00	3490.69
MW - 2	07/11/19	3510.19	-	19.80	0.00	3490.39
MW - 2	08/07/19	3510.19	-	20.00	0.00	3490.19
MW - 2	09/12/19	3510.19	-	20.16	0.00	3490.03
MW - 2	10/15/19	3510.19	-	19.96	0.00	3490.23
MW - 2	11/06/19	3510.19	-	19.89	0.00	3490.30
MW - 2	12/17/19	3510.19	-	19.70	0.00	3490.49
MW - 2	01/06/20	3510.19	-	19.65	0.00	3490.54
MW - 2	03/04/20	3510.19	-	19.55	0.00	3490.64
MW - 2	05/14/20	3510.19	-	19.30	0.00	3490.89
MW - 2	06/17/20	3510.19	-	19.73	0.00	3490.46
MW - 2	07/21/20	3510.19	-	20.05	0.00	3490.14
MW - 2	08/12/20	3510.19	-	20.17	0.00	3490.02
MW - 2	09/14/20	3510.19	-	20.32	0.00	3489.87
MW - 2	12/09/20	3510.19	-	20.44	0.00	3489.75
MW - 2	01/13/21	3510.19	-	20.39	0.00	3489.80
MW - 2	02/10/21	3510.19	-	20.32	0.00	3489.87
MW - 2	04/21/21	3510.19	-	20.20	0.00	3489.99
MW - 2	06/09/21	3510.19	-	20.20	0.00	3489.99
MW - 2	09/22/21	3510.19	-	20.05	0.00	3490.14
MW - 2	10/14/21	3510.19	-	20.54	0.00	3489.65
MW - 2	12/06/21	3510.19	-	20.61	0.00	3489.58
MW - 3	03/03/00	3508.82	-	20.95	0.00	3487.87
MW - 3	04/11/00	3508.82	-	20.91	0.00	3487.91
MW - 3	09/01/00	3508.82	-	21.80	0.00	3487.02
MW - 3	11/21/00	3508.82	-	21.65	0.00	3487.17
MW - 3	02/22/01	3508.82	-	21.14	0.00	3487.68
MW - 3	05/17/01	3508.82	-	20.87	0.00	3487.95
MW - 3	08/08/01	3508.82	-	21.72	0.00	3487.10
MW - 3	10/24/01	3508.82	-	21.18	0.00	3487.64
MW - 3	03/27/02	3508.82	-	20.81	0.00	3488.01
MW - 3	05/14/02	3508.82	-	20.66	0.00	3488.16
MW - 3	06/20/02	3508.82	-	20.60	0.00	3488.22

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	09/26/02	3508.82	-	21.04	0.00	3487.78
MW - 3	11/12/02	3508.82	-	20.93	0.00	3487.89
MW - 3	02/12/03	3508.82	-	20.56	0.00	3488.26
MW - 3	05/14/03	3508.82	-	20.69	0.00	3488.13
MW - 3	08/21/03	3508.82	-	21.46	0.00	3487.36
MW - 3	12/10/03	3508.82	-	21.44	0.00	3487.38
MW - 3	02/11/04	3508.82	-	21.51	0.00	3487.31
MW - 3	05/11/04	3508.82	-	20.28	0.00	3488.54
MW - 3	08/25/04	3508.82	-	20.68	0.00	3488.14
MW - 3	12/02/04	3508.82	-	20.01	0.00	3488.81
MW - 3	03/08/05	3508.82	-	19.40	0.00	3489.42
MW - 3	06/08/05	3508.82	-	18.91	0.00	3489.91
MW - 3	09/15/05	3508.82	-	19.15	0.00	3489.67
MW - 3	12/12/05	3508.82	-	18.96	0.00	3489.86
MW - 3	03/16/06	3508.82	-	18.93	0.00	3489.89
MW - 3	06/15/06	3508.82	-	19.38	0.00	3489.44
MW - 3	09/18/06	3508.82	-	19.16	0.00	3489.66
MW - 3	11/30/06	3508.82	-	19.15	0.00	3489.67
MW - 3	02/27/07	3508.82	-	18.98	0.00	3489.84
MW - 3	05/22/07	3508.82	-	18.79	0.00	3490.03
MW - 3	08/15/07	3508.82	-	19.48	0.00	3489.34
MW - 3	11/06/07	3508.82	-	19.29	0.00	3489.53
MW - 3	02/12/08	3508.82	-	19.14	0.00	3489.68
MW - 3	05/13/08	3508.82	-	19.12	0.00	3489.70
MW - 3	08/14/08	3508.82	-	19.87	0.00	3488.95
MW - 3	11/12/08	3508.82	-	19.40	0.00	3489.42
MW - 3	12/22/08	3508.82	-	18.57	0.00	3490.25
MW - 3	02/10/09	3508.82	-	19.27	0.00	3489.55
MW - 3	05/12/09	3508.82	-	19.26	0.00	3489.56
MW - 3	08/10/09	3508.82	-	19.89	0.00	3488.93
MW - 3	11/18/09	3508.82	-	20.10	0.00	3488.72
MW - 3	01/04/10	3508.82	-	20.03	0.00	3488.79
MW - 3	02/09/10	3508.82	-	19.91	0.00	3488.91
MW - 3	05/12/10	3508.82	-	19.46	0.00	3489.36
MW - 3	08/11/10	3508.82	-	19.45	0.00	3489.37
MW - 3	11/11/10	3508.82	-	20.10	0.00	3488.72
MW - 3	02/16/11	3508.82	-	20.09	0.00	3488.73
MW - 3	05/19/11	3508.82	-	20.11	0.00	3488.71
MW - 3	08/10/11	3508.82	-	20.20	0.00	3488.62
MW - 3	11/14/11	3508.82	-	20.22	0.00	3488.60
MW - 3	02/29/12	3508.82	-	19.94	0.00	3488.88
MW - 3	05/02/12	3508.82	-	19.84	0.00	3488.98
MW - 3	12/06/12	3508.82	-	20.21	0.00	3488.61
MW - 3	02/13/13	3508.82	-	20.09	0.00	3488.73
MW - 3	05/22/13	3508.82	-	19.93	0.00	3488.89
MW - 3	08/12/13	3508.82	-	20.28	0.00	3488.54
MW - 3	11/20/13	3508.82	-	20.35	0.00	3488.47
MW - 3	02/04/14	3509.87	-	20.17	0.00	3489.70
MW - 3	05/14/14	3509.87	-	20.02	0.00	3489.85
MW - 3	07/22/14	3509.87	-	20.60	0.00	3489.27
MW - 3	08/05/14	3509.87	-	20.65	0.00	3489.22
MW - 3	10/27/14	3509.87	-	19.56	0.00	3490.31
MW - 3	11/19/14	3509.87	-	19.55	0.00	3490.32
MW - 3	02/09/15	3509.87	-	19.53	0.00	3490.34

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	03/20/15	3509.87	-	19.51	0.00	3490.36
MW - 3	04/04/15	3509.87	-	19.51	0.00	3490.36
MW - 3	05/27/15	3509.87	-	19.37	0.00	3490.50
MW - 3	07/09/15	3509.87	-	18.97	0.00	3490.90
MW - 3	08/03/15	3509.87	-	19.68	0.00	3490.19
MW - 3	09/24/15	3509.87	-	19.90	0.00	3489.97
MW - 3	11/18/15	3509.87	-	19.57	0.00	3490.30
MW - 3	01/08/16	3509.87	-	19.44	0.00	3490.43
MW - 3	02/23/16	3509.87	-	19.38	0.00	3490.49
MW - 3	04/08/16	3509.87	-	19.29	0.00	3490.58
MW - 3	06/06/16	3509.87	-	19.32	0.00	3490.55
MW - 3	06/28/16	3509.87	-	19.56	0.00	3490.31
MW - 3	07/27/16	3509.87	-	19.87	0.00	3490.00
MW - 3	08/03/16	3509.87	-	19.89	0.00	3489.98
MW - 3	09/27/16	3509.87	-	18.83	0.00	3491.04
MW - 3	10/21/16	3509.87	-	18.84	0.00	3491.03
MW - 3	11/08/16	3509.87	-	18.89	0.00	3490.98
MW - 3	01/26/17	3509.87	-	18.96	0.00	3490.91
MW - 3	02/28/17	3509.87	-	18.95	0.00	3490.92
MW - 3	03/15/17	3509.87	-	18.93	0.00	3490.94
MW - 3	05/23/17	3509.87	-	18.92	0.00	3490.95
MW - 3	07/20/17	3509.87	-	19.45	0.00	3490.42
MW - 3	08/16/17	3509.87	-	19.40	0.00	3490.47
MW - 3	09/13/17	3509.87	-	19.21	0.00	3490.66
MW - 3	10/12/17	3509.87	-	19.17	0.00	3490.70
MW - 3	11/14/17	3509.87	-	19.08	0.00	3490.79
MW - 3	12/20/17	3509.87	-	19.01	0.00	3490.86
MW - 3	01/09/18	3509.87	-	18.97	0.00	3490.90
MW - 3	02/07/18	3509.87	-	18.96	0.00	3490.91
MW - 3	02/22/18	3509.87	-	21.23	0.00	3488.64
MW - 3	03/29/18	3509.87	-	18.92	0.00	3490.95
MW - 3	04/16/18	3509.87	-	18.89	0.00	3490.98
MW - 3	05/21/18	3509.87	-	19.08	0.00	3490.79
MW - 3	06/18/18	3509.87	-	19.13	0.00	3490.74
MW - 3	07/11/18	3509.87	-	19.54	0.00	3490.33
MW - 3	08/08/18	3509.87	-	19.72	0.00	3490.15
MW - 3	09/12/18	3509.87	-	19.83	0.00	3490.04
MW - 3	11/12/18	3509.87	-	19.52	0.00	3490.35
MW - 3	01/09/19	3509.87	-	19.33	0.00	3490.54
MW - 3	02/12/19	3509.87	-	19.30	0.00	3490.57
MW - 3	03/12/19	3509.87	-	19.21	0.00	3490.66
MW - 3	04/01/19	3509.87	-	19.18	0.00	3490.69
MW - 3	05/07/19	3509.87	-	19.08	0.00	3490.79
MW - 3	06/14/19	3509.87	-	19.32	0.00	3490.55
MW - 3	07/11/19	3509.87	-	19.62	0.00	3490.25
MW - 3	08/07/19	3509.87	-	19.80	0.00	3490.07
MW - 3	09/12/19	3509.87	-	19.95	0.00	3489.92
MW - 3	10/15/19	3509.87	-	19.83	0.00	3490.04
MW - 3	11/06/19	3509.87	-	19.71	0.00	3490.16
MW - 3	12/17/19	3509.87	-	19.51	0.00	3490.36
MW - 3	01/06/20	3509.87	-	19.45	0.00	3490.42
MW - 3	03/04/20	3509.87	-	19.36	0.00	3490.51
MW - 3	05/14/20	3509.87	-	19.13	0.00	3490.74
MW - 3	06/17/20	3509.87	-	19.55	0.00	3490.32

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	07/21/20	3509.87	-	19.84	0.00	3490.03
MW - 3	08/12/20	3509.87	-	19.97	0.00	3489.90
MW - 3	09/14/20	3509.87	-	20.09	0.00	3489.78
MW - 3	12/09/20	3509.87	-	20.23	0.00	3489.64
MW - 3	01/13/21	3509.87	-	20.17	0.00	3489.70
MW - 3	02/10/21	3509.87	-	20.12	0.00	3489.75
MW - 3	04/21/21	3509.87	-	20.02	0.00	3489.85
MW - 3	06/09/21	3509.87	-	20.01	0.00	3489.86
MW - 3	09/22/21	3509.87	-	20.29	0.00	3489.58
MW - 3	10/14/21	3509.87	-	20.32	0.00	3489.55
MW - 3	12/06/21	3509.87	-	20.39	0.00	3489.48
MW - 4	03/03/00	3509.15	20.71	22.10	1.39	3488.23
MW - 4	04/11/00	3509.15	20.71	22.10	1.39	3488.23
MW - 4	09/01/00	3509.15	21.81	21.95	0.14	3487.32
MW - 4	11/21/00	3509.15	21.51	22.42	0.91	3487.50
MW - 4	02/22/01	3509.15	20.99	22.55	1.56	3487.93
MW - 4	05/17/01	3509.15	20.70	22.89	2.19	3488.12
MW - 4	08/08/01	3509.15	21.54	23.64	2.10	3487.30
MW - 4	10/24/01	3509.15	21.02	22.83	1.81	3487.86
MW - 4	03/27/02	3509.15	20.50	23.72	3.22	3488.17
MW - 4	05/14/02	3509.15	20.48	20.97	0.49	3488.60
MW - 4	06/20/02	3509.15	20.51	21.13	0.62	3488.55
MW - 4	09/26/02	3509.15	20.82	22.61	1.79	3488.06
MW - 4	11/12/02	3509.15	19.97	20.06	0.09	3489.17
MW - 4	01/07/03	3509.15	-	20.20	0.00	3488.95
MW - 4	01/27/03	3509.15	20.39	22.40	2.01	3488.46
MW - 4	02/26/03	3509.15	19.26	22.56	3.30	3489.40
MW - 4	03/11/03	3509.15	20.31	22.42	2.11	3488.52
MW - 4	03/19/03	3509.15	20.32	22.45	2.13	3488.51
MW - 4	03/25/03	3509.15	20.28	22.54	2.26	3488.53
MW - 4	04/16/03	3509.15	20.22	22.33	2.11	3488.61
MW - 4	04/23/03	3509.15	20.21	22.54	2.33	3488.59
MW - 4	04/29/03	3509.15	20.23	22.53	2.30	3488.58
MW - 4	05/14/03	3509.15	20.40	22.55	2.15	3488.43
MW - 4	05/20/03	3509.15	20.69	22.58	1.89	3488.18
MW - 4	05/27/03	3509.15	20.75	22.74	1.99	3488.10
MW - 4	06/04/03	3509.15	20.75	21.18	0.43	3488.34
MW - 4	06/26/03	3509.15	20.31	21.97	1.66	3488.59
MW - 4	07/07/03	3509.15	21.11	22.60	1.49	3487.82
MW - 4	07/30/03	3509.15	21.26	21.85	0.59	3487.80
MW - 4	08/06/03	3509.15	19.89	20.49	0.60	3489.17
MW - 4	08/21/03	3509.15	21.68	22.19	0.51	3487.39
MW - 4	08/26/03	3509.15	21.77	22.20	0.43	3487.32
MW - 4	09/08/03	3509.15	21.61	22.02	0.41	3487.48
MW - 4	09/15/03	3509.15	21.59	21.97	0.38	3487.50
MW - 4	09/24/03	3509.15	21.86	22.31	0.45	3487.22
MW - 4	10/02/03	3509.15	21.70	22.62	0.92	3487.31
MW - 4	10/08/03	3509.15	21.60	22.50	0.90	3487.42
MW - 4	10/16/03	3509.15	21.89	22.97	1.08	3487.10
MW - 4	10/28/03	3509.15	21.93	23.07	1.14	3487.05
MW - 4	11/11/03	3509.15	21.98	22.67	0.69	3487.07
MW - 4	11/18/03	3509.15	21.68	22.81	1.13	3487.30
MW - 4	12/10/03	3509.15	21.63	22.24	0.61	3487.43

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	02/02/04	3509.15	21.82	23.27	1.45	3487.11
MW - 4	02/26/04	3509.15	21.44	22.77	1.33	3487.51
MW - 4	03/16/04	3509.15	21.62	23.23	1.61	3487.29
MW - 4	03/19/04	3509.15	21.56	23.17	1.61	3487.35
MW - 4	03/25/04	3509.15	21.60	23.18	1.58	3487.31
MW - 4	04/01/04	3509.15	21.53	23.20	1.67	3487.37
MW - 4	04/08/04	3509.15	20.90	23.10	2.20	3487.92
MW - 4	04/14/04	3509.15	20.79	23.70	2.91	3487.92
MW - 4	04/16/04	3509.15	20.89	23.39	2.50	3487.89
MW - 4	04/22/04	3509.15	20.08	22.30	2.22	3488.74
MW - 4	04/29/04	3509.15	20.07	22.50	2.43	3488.72
MW - 4	05/11/04	3509.15	19.98	22.64	2.66	3488.77
MW - 4	06/08/04	3509.15	20.12	23.02	2.90	3488.60
MW - 4	06/17/04	3509.15	20.08	23.07	2.99	3488.62
MW - 4	06/22/04	3509.15	20.12	23.04	2.92	3488.59
MW - 4	06/29/04	3509.15	20.08	23.00	2.92	3488.63
MW - 4	07/06/04	3509.15	20.11	23.00	2.89	3488.61
MW - 4	07/13/04	3509.15	20.17	23.04	2.87	3488.55
MW - 4	07/20/04	3509.15	20.32	23.13	2.81	3488.41
MW - 4	08/04/04	3509.15	20.35	23.10	2.75	3488.39
MW - 4	08/10/04	3509.15	20.37	23.08	2.71	3488.37
MW - 4	08/16/04	3509.15	20.53	23.12	2.59	3488.23
MW - 4	08/23/04	3509.15	20.45	22.65	2.20	3488.37
MW - 4	08/25/04	3509.15	20.50	22.16	1.66	3488.40
MW - 4	08/26/04	3509.15	20.48	22.40	1.92	3488.38
MW - 4	08/31/04	3509.15	20.56	22.73	2.17	3488.26
MW - 4	09/13/04	3509.15	20.66	22.65	1.99	3488.19
MW - 4	09/20/04	3509.15	20.72	22.58	1.86	3488.15
MW - 4	09/30/04	3509.15	20.89	22.32	1.43	3488.05
MW - 4	10/04/04	3509.15	20.19	20.42	0.23	3488.93
MW - 4	10/11/04	3509.15	19.87	21.85	1.98	3488.98
MW - 4	10/18/04	3509.15	19.86	21.60	1.74	3489.03
MW - 4	10/26/04	3509.15	19.96	21.00	1.04	3489.03
MW - 4	11/02/04	3509.15	19.85	22.00	2.15	3488.98
MW - 4	11/08/04	3509.15	19.80	21.72	1.92	3489.06
MW - 4	11/15/04	3509.15	19.73	23.65	3.92	3488.83
MW - 4	12/01/04	3509.15	19.71	22.09	2.38	3489.08
MW - 4	12/02/04	3509.15	19.71	22.09	2.38	3489.08
MW - 4	12/14/04	3509.15	19.63	22.09	2.46	3489.15
MW - 4	12/21/04	3509.15	19.54	22.25	2.71	3489.20
MW - 4	12/29/04	3509.15	19.44	22.39	2.95	3489.27
MW - 4	01/11/05	3509.15	19.40	22.07	2.67	3489.35
MW - 4	01/14/05	3509.15	19.54	21.06	1.52	3489.38
MW - 4	01/18/05	3509.15	19.45	21.37	1.92	3489.41
MW - 4	01/21/05	3509.15	19.53	20.53	1.00	3489.47
MW - 4	01/25/05	3509.15	19.45	21.00	1.55	3489.47
MW - 4	01/28/05	3509.15	19.43	20.95	1.52	3489.49
MW - 4	02/02/05	3509.15	19.34	21.30	1.96	3489.52
MW - 4	02/05/05	3509.15	19.43	20.95	1.52	3489.49
MW - 4	02/08/05	3509.15	19.29	21.39	2.10	3489.55
MW - 4	02/11/05	3509.15	19.54	19.96	0.42	3489.55
MW - 4	02/15/05	3509.15	19.32	20.70	1.38	3489.62
MW - 4	02/18/05	3509.15	19.36	20.25	0.89	3489.66
MW - 4	02/22/05	3509.15	19.28	20.78	1.50	3489.65

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	02/25/05	3509.15	19.39	20.00	0.61	3489.67
MW - 4	03/01/05	3509.15	19.26	20.31	1.05	3489.73
MW - 4	03/04/05	3509.15	19.31	20.00	0.69	3489.74
MW - 4	03/08/05	3509.15	19.31	20.21	0.90	3489.71
MW - 4	03/08/05	3509.15	19.31	20.21	0.90	3489.71
MW - 4	03/11/05	3509.15	19.29	19.95	0.66	3489.76
MW - 4	03/15/05	3509.15	19.20	20.10	0.90	3489.82
MW - 4	03/18/05	3509.15	19.19	20.26	1.07	3489.80
MW - 4	03/22/05	3509.15	19.14	20.10	0.96	3489.87
MW - 4	03/28/05	3509.15	19.09	20.04	0.95	3489.92
MW - 4	04/01/05	3509.15	19.11	20.01	0.90	3489.91
MW - 4	04/05/05	3509.15	19.12	19.74	0.62	3489.94
MW - 4	04/08/05	3509.15	19.06	19.78	0.72	3489.98
MW - 4	04/12/05	3509.15	19.04	19.92	0.88	3489.98
MW - 4	04/15/05	3509.15	19.09	19.79	0.70	3489.96
MW - 4	05/25/05	3509.15	18.84	19.56	0.72	3490.20
MW - 4	05/27/05	3509.15	18.80	19.51	0.71	3490.24
MW - 4	05/31/05	3509.15	18.80	19.50	0.70	3490.25
MW - 4	06/03/05	3509.15	18.80	19.47	0.67	3490.25
MW - 4	06/06/05	3509.15	18.88	19.20	0.32	3490.22
MW - 4	06/08/05	3509.15	18.88	19.20	0.32	3490.22
MW - 4	06/13/05	3509.15	18.78	19.41	0.63	3490.28
MW - 4	06/20/05	3509.15	19.06	19.50	0.44	3490.02
MW - 4	06/24/05	3509.15	18.81	19.49	0.68	3490.24
MW - 4	06/27/05	3509.15	18.81	19.92	1.11	3490.17
MW - 4	07/11/05	3509.15	18.89	20.78	1.89	3489.98
MW - 4	07/15/05	3509.15	19.11	19.60	0.49	3489.97
MW - 4	07/18/05	3509.15	19.10	20.21	1.11	3489.88
MW - 4	07/21/05	3509.15	19.24	19.69	0.45	3489.84
MW - 4	07/25/05	3509.15	19.13	20.70	1.57	3489.78
MW - 4	08/01/05	3509.15	19.21	20.30	1.09	3489.78
MW - 4	08/04/05	3509.15	19.28	20.03	0.75	3489.76
MW - 4	08/12/05	3509.15	19.22	21.01	1.79	3489.66
MW - 4	08/15/05	3509.15	19.14	21.18	2.04	3489.70
MW - 4	08/23/05	3509.15	18.86	21.90	3.04	3489.83
MW - 4	08/30/05	3509.15	18.81	21.80	2.99	3489.89
MW - 4	09/06/05	3509.15	18.80	21.11	2.31	3490.00
MW - 4	09/13/05	3509.15	18.79	21.45	2.66	3489.96
MW - 4	09/15/05	3509.15	18.92	20.55	1.63	3489.99
MW - 4	09/19/05	3509.15	18.87	21.18	2.31	3489.93
MW - 4	09/27/05	3509.15	18.94	20.77	1.83	3489.94
MW - 4	10/03/05	3509.15	19.10	19.70	0.60	3489.96
MW - 4	10/08/05	3509.15	18.91	19.32	0.41	3490.18
MW - 4	10/10/05	3509.15	19.00	19.70	0.70	3490.05
MW - 4	10/17/05	3509.15	19.05	19.53	0.48	3490.03
MW - 4	10/24/05	3509.15	18.98	19.50	0.52	3490.09
MW - 4	10/31/05	3509.15	18.89	19.88	0.99	3490.11
MW - 4	11/15/05	3509.15	18.92	19.86	0.94	3490.09
MW - 4	11/22/05	3509.15	18.88	19.90	1.02	3490.12
MW - 4	11/27/05	3509.15	18.82	20.38	1.56	3490.10
MW - 4	12/07/05	3509.15	18.83	19.91	1.08	3490.16
MW - 4	12/12/05	3509.15	18.82	20.01	1.19	3490.15
MW - 4	12/16/05	3509.15	18.80	20.10	1.30	3490.16
MW - 4	12/22/05	3509.15	18.88	20.01	1.13	3490.10

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	12/27/05	3509.15	18.85	19.40	0.55	3490.22
MW - 4	01/03/06	3509.15	18.89	19.37	0.48	3490.19
MW - 4	01/09/06	3509.15	18.89	19.68	0.79	3490.14
MW - 4	01/16/06	3509.15	18.86	19.40	0.54	3490.21
MW - 4	01/23/06	3509.15	18.89	19.39	0.50	3490.19
MW - 4	01/30/06	3509.15	18.85	19.40	0.55	3490.22
MW - 4	02/06/06	3509.15	18.83	19.69	0.86	3490.19
MW - 4	02/14/06	3509.15	18.80	19.27	0.47	3490.28
MW - 4	02/21/06	3509.15	18.83	19.33	0.50	3490.25
MW - 4	03/01/06	3509.15	18.86	19.31	0.45	3490.22
MW - 4	03/06/06	3509.15	18.85	19.36	0.51	3490.22
MW - 4	03/15/06	3509.15	18.81	19.20	0.39	3490.28
MW - 4	03/16/06	3509.15	18.84	19.24	0.40	3490.25
MW - 4	03/21/06	3509.15	18.85	19.31	0.46	3490.23
MW - 4	03/28/06	3509.15	18.89	19.28	0.39	3490.20
MW - 4	04/03/06	3509.15	18.76	19.24	0.48	3490.32
MW - 4	04/10/06	3509.15	18.74	19.34	0.60	3490.32
MW - 4	04/17/06	3509.15	18.74	19.23	0.49	3490.34
MW - 4	05/01/06	3509.15	18.75	19.22	0.47	3490.33
MW - 4	05/08/06	3509.15	18.77	19.26	0.49	3490.31
MW - 4	05/15/06	3509.15	18.85	19.18	0.33	3490.25
MW - 4	05/30/06	3509.15	18.92	21.02	2.10	3489.92
MW - 4	06/05/06	3509.15	19.19	19.61	0.42	3489.90
MW - 4	06/12/06	3509.15	19.31	19.65	0.34	3489.79
MW - 4	06/15/06	3509.15	19.31	19.96	0.65	3489.74
MW - 4	06/19/06	3509.15	19.37	20.41	1.04	3489.62
MW - 4	07/03/06	3509.15	19.45	20.49	1.04	3489.54
MW - 4	07/10/06	3509.15	19.45	20.60	1.15	3489.53
MW - 4	07/17/06	3509.15	19.19	21.08	1.89	3489.68
MW - 4	07/26/06	3509.15	19.30	21.00	1.70	3489.60
MW - 4	07/31/06	3509.15	19.44	20.78	1.34	3489.51
MW - 4	08/07/06	3509.15	19.44	20.88	1.44	3489.49
MW - 4	08/17/06	3509.15	19.32	21.27	1.95	3489.54
MW - 4	08/21/06	3509.15	19.31	20.65	1.34	3489.64
MW - 4	09/06/06	3509.15	19.12	19.58	0.46	3489.96
MW - 4	09/11/06	3509.15	19.12	19.48	0.36	3489.98
MW - 4	09/18/06	3509.15	19.09	19.16	0.07	3490.05
MW - 4	09/25/06	3509.15	19.05	19.55	0.50	3490.03
MW - 4	10/02/06	3509.15	19.02	19.52	0.50	3490.06
MW - 4	10/09/06	3509.15	19.12	19.41	0.29	3489.99
MW - 4	10/17/06	3509.15	19.05	19.94	0.89	3489.97
MW - 4	10/23/06	3509.15	19.11	19.29	0.18	3490.01
MW - 4	10/30/06	3509.15	19.10	19.27	0.17	3490.02
MW - 4	11/06/06	3509.15	19.09	19.74	0.65	3489.96
MW - 4	11/13/06	3509.15	19.11	19.19	0.08	3490.03
MW - 4	11/20/06	3509.15	19.10	19.28	0.18	3490.02
MW - 4	11/27/06	3509.15	19.09	19.18	0.09	3490.05
MW - 4	11/30/06	3509.15	19.10	19.20	0.10	3490.04
MW - 4	12/04/06	3509.15	19.11	19.28	0.17	3490.01
MW - 4	12/12/06	3509.15	19.12	19.24	0.12	3490.01
MW - 4	12/18/06	3509.15	19.03	19.28	0.25	3490.08
MW - 4	01/02/07	3509.15	19.03	19.32	0.29	3490.08
MW - 4	01/11/07	3509.15	18.97	19.46	0.49	3490.11
MW - 4	01/18/07	3509.15	19.00	19.30	0.30	3490.11

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	01/22/07	3509.15	18.98	19.30	0.32	3490.12
MW - 4	02/05/07	3509.15	18.88	19.41	0.53	3490.19
MW - 4	02/12/07	3509.15	18.93	19.29	0.36	3490.17
MW - 4	02/19/07	3509.15	18.92	19.11	0.19	3490.20
MW - 4	02/27/07	3509.15	18.91	19.32	0.41	3490.18
MW - 4	03/05/07	3509.15	18.93	19.28	0.35	3490.17
MW - 4	03/12/07	3509.15	18.94	19.04	0.10	3490.20
MW - 4	03/19/07	3509.15	18.93	19.14	0.21	3490.19
MW - 4	04/02/07	3509.15	18.84	19.28	0.44	3490.24
MW - 4	04/09/07	3509.15	18.31	19.36	1.05	3490.68
MW - 4	05/01/07	3509.15	18.78	19.08	0.30	3490.33
MW - 4	05/12/07	3509.15	18.82	19.08	0.26	3490.29
MW - 4	05/17/07	3509.15	18.69	19.00	0.31	3490.41
MW - 4	05/21/07	3509.15	18.68	18.92	0.24	3490.43
MW - 4	05/22/07	3509.15	18.68	18.92	0.24	3490.43
MW - 4	06/01/07	3509.15	18.68	18.85	0.17	3490.44
MW - 4	06/06/07	3509.15	18.69	18.90	0.21	3490.43
MW - 4	06/11/07	3509.15	18.74	19.51	0.77	3490.29
MW - 4	06/19/07	3509.15	18.85	19.26	0.41	3490.24
MW - 4	06/25/07	3509.15	18.95	19.29	0.34	3490.15
MW - 4	07/03/07	3509.15	19.07	19.44	0.37	3490.02
MW - 4	07/23/07	3509.15	19.23	20.31	1.08	3489.76
MW - 4	07/31/07	3509.15	19.39	19.76	0.37	3489.70
MW - 4	08/14/07	3509.15	19.37	20.45	1.08	3489.62
MW - 4	08/15/07	3509.15	19.48	19.69	0.21	3489.64
MW - 4	08/25/07	3509.15	19.46	20.48	1.02	3489.54
MW - 4	09/05/07	3509.15	19.50	20.93	1.43	3489.44
MW - 4	09/10/07	3509.15	19.53	20.35	0.82	3489.50
MW - 4	09/17/07	3509.15	19.31	19.59	0.28	3489.80
MW - 4	09/24/07	3509.15	19.22	19.46	0.24	3489.89
MW - 4	11/05/07	3509.15	19.22	19.57	0.35	3489.88
MW - 4	11/06/07	3509.15	19.31	19.46	0.15	3489.82
MW - 4	11/12/07	3509.15	19.22	19.41	0.19	3489.90
MW - 4	11/19/07	3509.15	19.21	19.48	0.27	3489.90
MW - 4	11/30/07	3509.15	19.22	19.61	0.39	3489.87
MW - 4	12/03/07	3509.15	19.23	19.34	0.11	3489.90
MW - 4	12/14/07	3509.15	19.18	19.20	0.02	3489.97
MW - 4	12/17/07	3509.15	19.19	19.23	0.04	3489.95
MW - 4	01/09/08	3509.15	19.13	19.35	0.22	3489.99
MW - 4	01/16/08	3509.15	19.16	19.50	0.34	3489.94
MW - 4	01/21/08	3509.15	19.14	19.43	0.29	3489.97
MW - 4	01/30/08	3509.15	19.09	19.23	0.14	3490.04
MW - 4	02/12/08	3509.15	19.11	19.54	0.43	3489.98
MW - 4	02/14/08	3509.15	19.10	19.27	0.17	3490.02
MW - 4	02/20/08	3509.15	sheen	19.09	0.00	3490.06
MW - 4	02/28/08	3509.15	19.08	19.23	0.15	3490.05
MW - 4	03/05/08	3509.15	19.10	19.24	0.14	3490.03
MW - 4	03/13/08	3509.15	19.07	19.21	0.14	3490.06
MW - 4	03/19/08	3509.15	19.11	19.14	0.03	3490.04
MW - 4	03/24/08	3509.15	19.07	19.15	0.08	3490.07
MW - 4	04/02/08	3509.15	19.08	19.13	0.05	3490.06
MW - 4	04/07/08	3509.15	19.08	19.09	0.01	3490.07
MW - 4	04/14/08	3509.15	19.06	19.13	0.07	3490.08
MW - 4	04/23/08	3509.15	19.05	19.11	0.06	3490.09

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	05/07/08	3509.15	19.04	19.19	0.15	3490.09
MW - 4	05/13/08	3509.15	19.04	19.19	0.15	3490.09
MW - 4	05/14/08	3509.15	19.05	19.09	0.04	3490.09
MW - 4	05/19/08	3509.15	19.09	19.12	0.03	3490.06
MW - 4	06/09/08	3509.15	19.36	19.56	0.20	3489.76
MW - 4	06/16/08	3509.15	19.08	19.18	0.10	3490.06
MW - 4	06/23/08	3509.15	19.54	20.22	0.68	3489.51
MW - 4	06/30/08	3509.15	19.64	20.02	0.38	3489.45
MW - 4	07/14/08	3509.15	19.65	20.45	0.80	3489.38
MW - 4	07/22/08	3509.15	19.73	20.48	0.75	3489.31
MW - 4	07/29/08	3509.15	19.70	20.74	1.04	3489.29
MW - 4	08/04/08	3509.15	19.70	21.12	1.42	3489.24
MW - 4	08/11/08	3509.15	19.79	20.77	0.98	3489.21
MW - 4	08/14/08	3509.15	19.87	20.38	0.51	3489.20
MW - 4	08/18/08	3509.15	19.82	20.65	0.83	3489.21
MW - 4	08/28/08	3509.15	19.72	20.72	1.00	3489.28
MW - 4	09/17/08	3509.15	19.35	21.00	1.65	3489.55
MW - 4	09/29/08	3509.15	19.43	19.88	0.45	3489.65
MW - 4	10/06/08	3509.15	19.48	19.74	0.26	3489.63
MW - 4	10/13/08	3509.15	19.52	19.72	0.20	3489.60
MW - 4	10/20/08	3509.15	19.43	19.61	0.18	3489.69
MW - 4	10/29/08	3509.15	19.39	19.63	0.24	3489.72
MW - 4	10/30/08	3509.15	19.42	19.51	0.09	3489.72
MW - 4	11/06/08	3509.15	19.38	19.52	0.14	3489.75
MW - 4	11/12/08	3509.15	19.35	19.53	0.18	3489.77
MW - 4	11/13/08	3509.15	19.35	19.53	0.18	3489.77
MW - 4	12/16/08	3509.15	19.30	19.51	0.21	3489.82
MW - 4	12/19/08	3509.15	19.33	19.45	0.12	3489.80
MW - 4	12/22/08	3509.15	19.26	19.41	0.15	3489.87
MW - 4	01/06/09	3509.15	19.28	19.49	0.21	3489.84
MW - 4	01/12/09	3509.15	19.14	19.46	0.32	3489.96
MW - 4	01/19/09	3509.15	19.29	19.51	0.22	3489.83
MW - 4	01/22/09	3509.15	19.25	19.56	0.31	3489.85
MW - 4	01/26/09	3509.15	19.27	19.32	0.05	3489.87
MW - 4	02/10/09	3509.15	19.21	19.30	0.09	3489.93
MW - 4	02/13/09	3509.15	19.22	19.51	0.29	3489.89
MW - 4	02/16/09	3509.15	19.23	19.68	0.45	3489.85
MW - 4	02/24/09	3509.15	19.25	19.67	0.42	3489.84
MW - 4	03/02/09	3509.15	19.21	19.56	0.35	3489.89
MW - 4	03/05/09	3509.15	19.23	19.26	0.03	3489.92
MW - 4	03/09/09	3509.15	17.32	17.54	0.22	3491.80
MW - 4	03/16/09	3509.15	19.22	19.25	0.03	3489.93
MW - 4	03/19/09	3509.15	19.25	19.47	0.22	3489.87
MW - 4	03/25/09	3509.15	19.27	19.48	0.21	3489.85
MW - 4	03/30/09	3509.15	19.26	19.47	0.21	3489.86
MW - 4	04/13/09	3509.15	19.15	19.24	0.09	3489.99
MW - 4	04/16/09	3509.15	18.25	18.36	0.11	3490.88
MW - 4	04/21/09	3509.15	18.23	18.35	0.12	3490.90
MW - 4	04/27/09	3509.15	19.14	19.18	0.04	3490.00
MW - 4	04/30/09	3509.15	18.22	18.34	0.12	3490.91
MW - 4	05/06/09	3509.15	18.24	18.35	0.11	3490.89
MW - 4	05/12/09	3509.15	19.15	19.20	0.05	3489.99
MW - 4	05/19/09	3509.15	18.24	18.35	0.11	3490.89
MW - 4	05/26/09	3509.15	19.43	19.56	0.13	3489.70

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	06/01/09	3509.15	19.42	19.53	0.11	3489.71
MW - 4	06/05/09	3509.15	19.44	19.59	0.15	3489.69
MW - 4	06/12/09	3509.15	19.48	19.80	0.32	3489.62
MW - 4	06/15/09	3509.15	19.51	19.67	0.16	3489.62
MW - 4	06/22/09	3509.15	19.56	19.75	0.19	3489.56
MW - 4	06/24/09	3509.15	19.61	19.68	0.07	3489.53
MW - 4	06/29/09	3509.15	19.65	19.87	0.22	3489.47
MW - 4	07/06/09	3509.15	19.74	19.85	0.11	3489.39
MW - 4	07/09/09	3509.15	18.22	18.38	0.16	3490.91
MW - 4	07/13/09	3509.15	18.23	18.37	0.14	3490.90
MW - 4	07/20/09	3509.15	18.21	18.39	0.18	3490.91
MW - 4	07/23/09	3509.15	19.87	20.04	0.17	3489.25
MW - 4	07/27/09	3509.15	19.88	20.03	0.15	3489.25
MW - 4	07/29/09	3509.15	19.81	19.92	0.11	3489.32
MW - 4	08/03/09	3509.15	19.76	19.94	0.18	3489.36
MW - 4	08/10/09	3509.15	19.85	20.03	0.18	3489.27
MW - 4	08/10/09	3509.15	19.85	20.03	0.18	3489.27
MW - 4	08/18/09	3509.15	19.93	20.16	0.23	3489.19
MW - 4	08/24/09	3509.15	19.98	20.19	0.21	3489.14
MW - 4	08/28/09	3509.15	18.22	18.38	0.16	3490.91
MW - 4	08/31/09	3509.15	20.01	20.35	0.34	3489.09
MW - 4	09/02/09	3509.15	20.01	20.23	0.22	3489.11
MW - 4	09/08/09	3509.15	20.05	20.39	0.34	3489.05
MW - 4	09/10/09	3509.15	20.05	20.20	0.15	3489.08
MW - 4	09/16/09	3509.15	20.03	20.66	0.63	3489.03
MW - 4	09/18/09	3509.15	20.25	20.29	0.04	3488.89
MW - 4	09/22/09	3509.15	20.05	20.51	0.46	3489.03
MW - 4	09/28/09	3509.15	18.21	18.37	0.16	3490.92
MW - 4	10/09/09	3509.15	19.98	21.30	1.32	3488.97
MW - 4	10/12/09	3509.15	18.24	18.38	0.14	3490.89
MW - 4	10/15/09	3509.15	20.02	21.52	1.50	3488.91
MW - 4	10/20/09	3509.15	20.12	20.94	0.82	3488.91
MW - 4	10/26/09	3509.15	18.23	18.39	0.16	3490.90
MW - 4	10/28/09	3509.15	20.10	20.79	0.69	3488.95
MW - 4	11/03/09	3509.15	20.08	20.58	0.50	3489.00
MW - 4	11/12/09	3509.15	20.00	20.55	0.55	3489.07
MW - 4	11/18/09	3509.15	20.10	20.37	0.27	3489.01
MW - 4	12/03/09	3509.15	19.96	20.93	0.97	3489.04
MW - 4	12/11/09	3509.15	20.00	20.56	0.56	3489.07
MW - 4	12/16/09	3509.15	20.00	20.12	0.12	3489.13
MW - 4	12/21/09	3509.15	20.02	20.09	0.07	3489.12
MW - 4	12/28/09	3509.15	19.97	20.08	0.11	3489.16
MW - 4	01/04/10	3509.15	20.01	20.16	0.15	3489.12
MW - 4	01/14/10	3509.15	19.96	20.18	0.22	3489.16
MW - 4	01/20/10	3509.15	19.89	20.15	0.26	3489.22
MW - 4	01/25/10	3509.15	19.89	20.00	0.11	3489.24
MW - 4	01/27/10	3509.15	19.87	19.93	0.06	3489.27
MW - 4	02/01/10	3509.15	19.86	19.98	0.12	3489.27
MW - 4	02/08/10	3509.15	19.84	19.98	0.14	3489.29
MW - 4	02/08/10	3509.15	sheen	20.09	0.00	3489.06
MW - 4	02/09/10	3509.15	19.92	19.98	0.06	3489.22
MW - 4	02/19/10	3509.15	19.74	20.08	0.34	3489.36
MW - 4	02/26/10	3509.15	19.79	19.95	0.16	3489.34
MW - 4	03/01/10	3509.15	19.97	20.05	0.08	3489.17

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	03/04/10	3509.15	19.76	19.79	0.03	3489.39
MW - 4	03/08/10	3509.15	19.74	19.76	0.02	3489.41
MW - 4	03/11/10	3509.15	19.68	19.73	0.05	3489.46
MW - 4	03/15/10	3509.15	19.79	19.92	0.13	3489.34
MW - 4	03/17/10	3509.15	19.63	19.65	0.02	3489.52
MW - 4	03/22/10	3509.15	19.58	19.63	0.05	3489.56
MW - 4	03/29/10	3509.15	18.54	18.59	0.05	3490.60
MW - 4	04/05/10	3509.15	19.60	19.70	0.10	3489.54
MW - 4	04/14/10	3509.15	19.61	19.70	0.09	3489.53
MW - 4	04/16/10	3509.15	19.48	19.57	0.09	3489.66
MW - 4	04/19/10	3509.15	19.55	19.82	0.27	3489.56
MW - 4	04/28/10	3509.15	19.48	19.52	0.04	3489.66
MW - 4	05/05/10	3509.15	19.38	19.47	0.09	3489.76
MW - 4	05/12/10	3509.15	19.49	19.68	0.19	3489.63
MW - 4	05/14/10	3509.15	19.49	19.68	0.19	3489.63
MW - 4	05/21/10	3509.15	19.51	19.66	0.15	3489.62
MW - 4	05/26/10	3509.15	19.51	19.68	0.17	3489.61
MW - 4	06/04/10	3509.15	19.54	19.64	0.10	3489.60
MW - 4	06/07/10	3509.15	19.68	19.83	0.15	3489.45
MW - 4	06/12/10	3509.15	19.75	20.03	0.28	3489.36
MW - 4	06/24/10	3509.15	18.88	19.04	0.16	3490.25
MW - 4	06/30/10	3509.15	19.19	20.18	0.99	3489.81
MW - 4	07/07/10	3509.15	19.44	19.75	0.31	3489.66
MW - 4	07/12/10	3509.15	17.91	18.53	0.62	3491.15
MW - 4	07/19/10	3509.15	19.54	19.77	0.23	3489.58
MW - 4	08/03/10	3509.15	19.24	19.41	0.17	3489.88
MW - 4	08/11/10	3509.15	19.20	19.46	0.26	3489.91
MW - 4	08/19/10	3509.15	19.19	19.29	0.10	3489.95
MW - 4	08/25/10	3509.15	19.26	19.65	0.39	3489.83
MW - 4	09/01/10	3509.15	19.29	19.74	0.45	3489.79
MW - 4	09/09/10	3509.15	19.37	19.92	0.55	3489.70
MW - 4	09/13/10	3509.15	19.21	19.44	0.23	3489.91
MW - 4	09/29/10	3509.15	19.44	19.79	0.35	3489.66
MW - 4	10/05/10	3509.15	19.23	19.45	0.22	3489.89
MW - 4	10/20/10	3509.15	19.26	19.43	0.17	3489.86
MW - 4	10/25/10	3509.15	19.25	19.41	0.16	3489.88
MW - 4	11/03/10	3509.15	18.73	19.01	0.28	3490.38
MW - 4	11/10/10	3509.15	18.53	18.94	0.41	3490.56
MW - 4	11/12/10	3509.15	18.53	18.94	0.41	3490.56
MW - 4	12/09/10	3509.15	19.25	19.51	0.26	3489.86
MW - 4	01/18/11	3509.15	18.55	18.92	0.37	3490.54
MW - 4	02/16/11	3509.15	18.53	19.93	1.40	3490.41
MW - 4	03/01/11	3509.15	19.40	19.56	0.16	3489.73
MW - 4	03/07/11	3509.15	19.38	19.68	0.30	3489.73
MW - 4	03/22/11	3509.15	18.53	19.93	1.40	3490.41
MW - 4	04/27/11	3509.15	19.15	19.82	0.67	3489.90
MW - 4	05/05/11	3509.15	19.45	19.76	0.31	3489.65
MW - 4	05/10/11	3509.15	19.51	19.85	0.34	3489.59
MW - 4	05/17/11	3509.15	19.52	19.94	0.42	3489.57
MW - 4	05/19/11	3509.15	19.52	19.94	0.42	3489.57
MW - 4	05/24/11	3509.15	19.62	20.02	0.40	3489.47
MW - 4	06/07/11	3509.15	19.76	20.07	0.31	3489.34
MW - 4	06/08/11	3509.15	19.79	20.00	0.21	3489.33
MW - 4	06/14/11	3509.15	19.85	20.14	0.29	3489.26

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	06/23/11	3509.15	19.79	20.10	0.31	3489.31
MW - 4	06/28/11	3509.15	19.83	20.05	0.22	3489.29
MW - 4	07/06/11	3509.15	20.08	20.23	0.15	3489.05
MW - 4	07/14/11	3509.15	19.93	20.15	0.22	3489.19
MW - 4	07/20/11	3509.15	20.11	20.33	0.22	3489.01
MW - 4	07/27/11	3509.15	20.15	20.36	0.21	3488.97
MW - 4	08/03/11	3509.15	20.14	20.35	0.21	3488.98
MW - 4	08/10/11	3509.15	20.21	20.71	0.50	3488.87
MW - 4	08/18/11	3509.15	20.23	20.45	0.22	3488.89
MW - 4	08/25/11	3509.15	20.28	20.50	0.22	3488.84
MW - 4	09/06/11	3509.15	19.56	19.87	0.31	3489.54
MW - 4	09/14/11	3509.15	20.34	20.86	0.52	3488.73
MW - 4	11/14/11	3509.15	20.15	20.22	0.07	3488.99
MW - 4	12/01/11	3509.15	20.07	20.16	0.09	3489.07
MW - 4	12/08/11	3509.15	20.09	20.28	0.19	3489.03
MW - 4	12/14/11	3509.15	20.12	20.21	0.09	3489.02
MW - 4	01/12/12	3509.15	20.03	20.25	0.22	3489.09
MW - 4	01/19/12	3509.15	19.99	20.20	0.21	3489.13
MW - 4	02/03/12	3509.15	19.95	20.19	0.24	3489.16
MW - 4	02/29/12	3509.15	19.84	20.20	0.36	3489.26
MW - 4	03/14/12	3509.15	19.79	20.13	0.34	3489.31
MW - 4	03/19/12	3509.15	19.70	19.95	0.25	3489.41
MW - 4	03/29/12	3509.15	19.74	20.00	0.26	3489.37
MW - 4	04/05/12	3509.15	19.71	19.97	0.26	3489.40
MW - 4	04/18/12	3509.15	19.67	19.93	0.26	3489.44
MW - 4	04/27/12	3509.15	19.71	19.97	0.26	3489.40
MW - 4	05/02/12	3509.15	19.77	20.01	0.24	3489.34
MW - 4	05/31/12	3509.15	19.72	20.10	0.38	3489.37
MW - 4	06/08/12	3509.15	19.76	20.34	0.58	3489.30
MW - 4	06/12/12	3509.15	19.83	20.18	0.35	3489.27
MW - 4	06/21/12	3509.15	19.82	20.17	0.35	3489.28
MW - 4	06/29/12	3509.15	19.90	20.05	0.15	3489.23
MW - 4	07/13/12	3509.15	20.10	20.35	0.25	3489.01
MW - 4	12/06/12	3509.15	20.52	21.61	1.09	3488.47
MW - 4	12/11/12	3509.15	20.53	21.63	1.10	3488.46
MW - 4	12/18/12	3509.15	20.52	21.47	0.95	3488.49
MW - 4	01/09/13	3509.15	20.55	21.02	0.47	3488.53
MW - 4	01/15/13	3509.15	20.55	20.91	0.36	3488.55
MW - 4	01/23/13	3509.15	20.55	20.94	0.39	3488.54
MW - 4	01/29/13	3509.15	20.51	20.83	0.32	3488.59
MW - 4	02/07/13	3509.15	20.51	20.89	0.38	3488.58
MW - 4	02/13/13	3509.15	20.48	20.66	0.18	3488.64
MW - 4	02/20/13	3509.15	-	20.43	0.00	3488.72
MW - 4	03/15/13	3509.15	20.43	20.63	0.20	3488.69
MW - 4	03/19/13	3509.15	20.42	20.59	0.17	3488.70
MW - 4	04/02/13	3509.15	20.38	20.63	0.25	3488.73
MW - 4	04/09/13	3509.15	20.39	20.52	0.13	3488.74
MW - 4	04/16/13	3509.15	20.38	20.49	0.11	3488.75
MW - 4	04/23/13	3509.15	20.38	20.49	0.11	3488.75
MW - 4	04/30/13	3509.15	20.34	20.52	0.18	3488.78
MW - 4	05/08/13	3509.15	20.35	20.46	0.11	3488.78
MW - 4	05/14/13	3509.15	20.32	20.41	0.09	3488.82
MW - 4	05/22/13	3509.15	20.31	20.42	0.11	3488.82
MW - 4	05/28/13	3509.15	20.33	20.40	0.07	3488.81

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	06/04/13	3509.15	20.38	20.46	0.08	3488.76
MW - 4	06/11/13	3509.15	20.44	20.57	0.13	3488.69
MW - 4	06/19/13	3509.15	20.50	20.59	0.09	3488.64
MW - 4	06/28/13	3509.15	20.63	20.73	0.10	3488.51
MW - 4	07/01/13	3509.15	20.69	20.72	0.03	3488.46
MW - 4	07/08/13	3509.15	20.74	20.81	0.07	3488.40
MW - 4	07/23/13	3509.15	20.77	20.86	0.09	3488.37
MW - 4	07/30/13	3509.15	20.70	20.77	0.07	3488.44
MW - 4	08/05/13	3509.15	20.69	20.71	0.02	3488.46
MW - 4	08/12/13	3509.15	20.72	20.79	0.07	3488.42
MW - 4	08/22/13	3509.15	20.80	20.92	0.12	3488.33
MW - 4	08/29/13	3509.15	20.88	20.96	0.08	3488.26
MW - 4	09/05/13	3509.15	20.93	20.99	0.06	3488.21
MW - 4	09/10/13	3509.15	20.99	21.06	0.07	3488.15
MW - 4	09/17/13	3509.15	21.02	21.08	0.06	3488.12
MW - 4	09/24/13	3509.15	21.03	21.12	0.09	3488.11
MW - 4	10/07/13	3509.15	21.09	21.28	0.19	3488.03
MW - 4	11/14/13	-	23.60	23.85	0.25	-
MW - 4	11/21/13	-	23.60	23.90	0.30	-
MW - 4	12/12/13	-	23.52	23.81	0.29	-
MW - 4	12/19/13	-	23.52	23.80	0.28	-
MW - 4	01/03/14	-	23.46	23.73	0.27	-
MW - 4	01/09/14	-	23.47	23.78	0.31	-
MW - 4	01/13/14	-	23.47	23.77	0.30	-
MW - 4	01/21/14	-	23.43	23.73	0.30	-
MW - 4	01/24/14	-	23.47	23.73	0.26	-
MW - 4	02/04/14	3513.35	23.40	23.72	0.32	3489.90
MW - 4	02/10/14	3513.35	23.42	23.71	0.29	3489.89
MW - 4	02/27/14	3513.35	23.33	23.62	0.29	3489.98
MW - 4	03/17/14	3513.35	23.31	23.55	0.24	3490.00
MW - 4	03/27/14	3513.35	23.29	23.55	0.26	3490.02
MW - 4	04/02/14	3513.35	23.33	23.48	0.15	3490.00
MW - 4	04/16/14	3513.35	23.25	23.56	0.31	3490.05
MW - 4	04/22/14	3513.35	23.24	23.45	0.21	3490.08
MW - 4	04/28/14	3513.35	23.31	23.48	0.17	3490.01
MW - 4	05/06/14	3513.35	23.23	23.52	0.29	3490.08
MW - 4	05/13/14	3513.35	23.29	23.74	0.45	3489.99
MW - 4	05/14/14	3513.35	23.28	23.54	0.26	3490.03
MW - 4	05/21/14	3513.35	23.26	23.62	0.36	3490.04
MW - 4	06/05/14	3513.35	23.40	23.84	0.44	3489.88
MW - 4	06/11/14	3513.35	23.49	23.96	0.47	3489.79
MW - 4	06/16/14	3513.35	23.55	23.97	0.42	3489.74
MW - 4	06/24/14	3513.35	23.65	24.26	0.61	3489.61
MW - 4	07/01/14	3513.35	23.71	24.32	0.61	3489.55
MW - 4	07/08/14	3513.35	23.83	24.18	0.35	3489.47
MW - 4	07/15/14	3513.35	23.85	24.33	0.48	3489.43
MW - 4	07/22/14	3513.35	23.88	24.65	0.77	3489.35
MW - 4	07/23/14	3513.35	23.88	24.65	0.77	3489.35
MW - 4	07/31/14	3513.35	23.94	24.72	0.78	3489.29
MW - 4	08/05/14	3513.35	24.00	24.42	0.42	3489.29
MW - 4	08/07/14	3513.35	23.95	24.65	0.70	3489.30
MW - 4	08/15/14	3513.35	23.48	24.47	0.99	3489.72
MW - 4	08/20/14	3513.35	24.00	24.77	0.77	3489.23
MW - 4	08/27/14	3513.35	24.05	24.61	0.56	3489.22

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	09/24/14	3513.35	23.51	23.80	0.29	3489.80
MW - 4	10/01/14	3513.35	23.17	23.24	0.07	3490.17
MW - 4	10/07/14	3513.35	23.04	23.12	0.08	3490.30
MW - 4	10/14/14	3513.35	22.99	23.05	0.06	3490.35
MW - 4	10/20/14	3513.35	22.95	23.07	0.12	3490.38
MW - 4	10/27/14	3513.35	22.92	23.04	0.12	3490.41
MW - 4	11/11/14	3513.35	22.91	23.00	0.09	3490.43
MW - 4	11/19/14	3513.35	22.85	23.11	0.26	3490.46
MW - 4	12/08/14	3513.35	22.85	23.00	0.15	3490.48
MW - 4	12/15/14	3513.35	22.85	23.00	0.15	3490.48
MW - 4	12/18/14	3513.35	22.81	22.93	0.12	3490.52
MW - 4	12/22/14	3513.35	22.81	22.93	0.12	3490.52
MW - 4	12/29/14	3513.35	22.81	22.92	0.11	3490.52
MW - 4	01/05/15	3513.35	22.82	22.91	0.09	3490.52
MW - 4	01/12/15	3513.35	22.85	22.95	0.10	3490.49
MW - 4	01/19/15	3513.35	22.80	22.91	0.11	3490.53
MW - 4	02/04/15	3513.35	22.80	22.92	0.12	3490.53
MW - 4	02/09/15	3513.35	22.79	22.88	0.09	3490.55
MW - 4	02/19/15	3513.35	22.79	22.88	0.09	3490.55
MW - 4	03/03/15	3513.35	22.76	22.83	0.07	3490.58
MW - 4	03/09/15	3513.35	22.79	22.82	0.03	3490.56
MW - 4	03/16/15	3513.35	22.78	22.82	0.04	3490.56
MW - 4	03/20/15	3513.35	22.80	22.85	0.05	3490.54
MW - 4	03/23/15	3513.35	22.76	22.79	0.03	3490.59
MW - 4	03/30/15	3513.35	22.75	22.85	0.10	3490.59
MW - 4	04/04/15	3513.35	-	22.28	0.00	3491.07
MW - 4	04/07/15	3513.35	22.75	22.80	0.05	3490.59
MW - 4	04/14/15	3513.35	22.77	22.80	0.03	3490.58
MW - 4	04/20/15	3513.35	22.71	22.72	0.01	3490.64
MW - 4	04/27/15	3513.35	-	22.76	0.00	3490.59
MW - 4	05/07/15	3513.35	-	22.73	0.00	3490.62
MW - 4	05/11/15	3513.35	-	22.75	0.00	3490.60
MW - 4	05/21/15	3513.35	-	22.70	0.00	3490.65
MW - 4	05/27/15	3513.35	-	22.67	0.00	3490.68
MW - 4	05/28/15	3513.35	-	22.65	0.00	3490.70
MW - 4	06/03/15	3513.35	-	22.66	0.00	3490.69
MW - 4	06/08/15	3513.35	-	22.66	0.00	3490.69
MW - 4	06/15/15	3513.35	-	22.70	0.00	3490.65
MW - 4	06/25/15	3513.35	-	22.64	0.00	3490.71
MW - 4	06/29/15	3513.35	-	22.68	0.00	3490.67
MW - 4	07/08/15	3513.35	-	22.78	0.00	3490.57
MW - 4	07/09/15	3513.35	-	22.74	0.00	3490.61
MW - 4	07/14/15	3513.35	-	22.82	0.00	3490.53
MW - 4	07/20/15	3513.35	-	22.88	0.00	3490.47
MW - 4	07/28/15	3513.35	-	22.97	0.00	3490.38
MW - 4	08/03/15	3513.35	-	23.02	0.00	3490.33
MW - 4	08/04/15	3513.35	-	23.02	0.00	3490.33
MW - 4	08/10/15	3513.35	-	23.09	0.00	3490.26
MW - 4	08/17/15	3513.35	-	23.13	0.00	3490.22
MW - 4	08/25/15	3513.35	-	23.13	0.00	3490.22
MW - 4	08/31/15	3513.35	-	22.09	0.00	3491.26
MW - 4	09/08/15	3513.35	-	23.16	0.00	3490.19
MW - 4	09/15/15	3513.35	-	23.23	0.00	3490.12
MW - 4	09/24/15	3513.35	-	23.29	0.00	3490.06

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	09/28/15	3513.35	-	23.26	0.00	3490.09
MW - 4	10/06/15	3513.35	-	23.23	0.00	3490.12
MW - 4	10/12/15	3513.35	-	23.15	0.00	3490.20
MW - 4	10/26/15	3513.35	-	23.01	0.00	3490.34
MW - 4	11/06/15	3513.35	-	22.91	0.00	3490.44
MW - 4	11/10/15	3513.35	-	22.86	0.00	3490.49
MW - 4	11/18/15	3513.35	-	22.85	0.00	3490.50
MW - 4	12/02/15	3513.35	-	22.82	0.00	3490.53
MW - 4	12/07/15	3513.35	-	22.76	0.00	3490.59
MW - 4	12/14/15	3513.35	-	22.82	0.00	3490.53
MW - 4	01/05/16	3513.35	-	22.77	0.00	3490.58
MW - 4	01/08/16	3513.35	-	22.72	0.00	3490.63
MW - 4	01/12/16	3513.35	-	22.75	0.00	3490.60
MW - 4	01/18/16	3513.35	-	22.74	0.00	3490.61
MW - 4	01/25/16	3513.35	-	22.75	0.00	3490.60
MW - 4	02/01/16	3513.35	-	22.74	0.00	3490.61
MW - 4	02/08/16	3513.35	-	22.73	0.00	3490.62
MW - 4	02/19/16	3513.35	-	22.67	0.00	3490.68
MW - 4	02/23/16	3513.35	-	22.63	0.00	3490.72
MW - 4	03/03/16	3513.35	-	22.67	0.00	3490.68
MW - 4	03/07/16	3513.35	-	22.61	0.00	3490.74
MW - 4	03/15/16	3513.35	-	22.57	0.00	3490.78
MW - 4	03/21/16	3513.35	-	22.54	0.00	3490.81
MW - 4	03/28/16	3513.35	-	22.53	0.00	3490.82
MW - 4	04/05/16	3513.35	-	22.49	0.00	3490.86
MW - 4	04/08/16	3513.35	-	22.56	0.00	3490.79
MW - 4	04/12/16	3513.35	-	22.55	0.00	3490.80
MW - 4	04/18/16	3513.35	-	22.51	0.00	3490.84
MW - 4	04/25/16	3513.35	-	22.47	0.00	3490.88
MW - 4	05/02/16	3513.35	-	22.48	0.00	3490.87
MW - 4	05/23/16	3513.35	-	22.42	0.00	3490.93
MW - 4	06/01/16	3513.35	-	22.54	0.00	3490.81
MW - 4	06/06/16	3513.35	-	22.60	0.00	3490.75
MW - 4	06/09/16	3513.35	-	22.61	0.00	3490.74
MW - 4	06/28/16	3513.35	-	22.83	0.00	3490.52
MW - 4	07/12/16	3513.35	23.02	23.03	0.01	3490.33
MW - 4	07/19/16	3513.35	23.10	23.12	0.02	3490.25
MW - 4	07/27/16	3513.35	-	23.20	0.00	3490.15
MW - 4	08/03/16	3513.35	-	23.22	0.00	3490.13
MW - 4	08/08/16	3513.35	-	23.30	0.00	3490.05
MW - 4	08/16/16	3513.35	-	23.33	0.00	3490.02
MW - 4	08/23/16	3513.35	-	23.38	0.00	3489.97
MW - 4	08/31/16	3513.35	-	23.20	0.00	3490.15
MW - 4	09/14/16	3513.35	-	22.55	0.00	3490.80
MW - 4	09/22/16	3513.35	-	22.38	0.00	3490.97
MW - 4	09/27/16	3513.35	-	22.35	0.00	3491.00
MW - 4	10/07/16	3513.35	-	22.24	0.00	3491.11
MW - 4	12/06/16	3513.35	-	22.16	0.00	3491.19
MW - 4	12/15/16	3513.35	-	22.17	0.00	3491.18
MW - 4	12/22/16	3513.35	-	22.25	0.00	3491.10
MW - 4	12/29/16	3513.35	-	22.28	0.00	3491.07
MW - 4	01/05/17	3513.35	-	22.17	0.00	3491.18
MW - 4	01/11/17	3513.35	-	22.18	0.00	3491.17
MW - 4	01/18/17	3513.35	-	22.18	0.00	3491.17

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	01/26/17	3513.35	-	22.23	0.00	3491.12
MW - 4	01/31/17	3513.35	-	22.17	0.00	3491.18
MW - 4	02/10/17	3513.35	-	22.18	0.00	3491.17
MW - 4	02/17/17	3513.35	-	22.13	0.00	3491.22
MW - 4	02/24/17	3513.35	-	22.21	0.00	3491.14
MW - 4	03/01/17	3513.35	-	22.23	0.00	3491.12
MW - 4	03/09/17	3513.35	-	22.19	0.00	3491.16
MW - 4	03/15/17	3513.35	-	22.16	0.00	3491.19
MW - 4	03/22/17	3513.35	-	22.17	0.00	3491.18
MW - 4	03/29/17	3513.35	-	22.23	0.00	3491.12
MW - 4	04/07/17	3513.35	-	22.15	0.00	3491.20
MW - 4	04/11/17	3513.35	-	22.11	0.00	3491.24
MW - 4	04/20/17	3513.35	-	22.09	0.00	3491.26
MW - 4	05/02/17	3513.35	-	22.07	0.00	3491.28
MW - 4	05/12/17	3513.35	-	22.12	0.00	3491.23
MW - 4	05/16/17	3513.35	-	22.11	0.00	3491.24
MW - 4	05/24/17	3513.35	-	22.18	0.00	3491.17
MW - 4	06/05/17	3513.35	-	22.28	0.00	3491.07
MW - 4	06/15/17	3513.35	-	22.49	0.00	3490.86
MW - 4	06/28/17	3513.35	-	22.55	0.00	3490.80
MW - 4	07/05/17	3513.35	-	22.66	0.00	3490.69
MW - 4	07/11/17	3513.35	-	22.68	0.00	3490.67
MW - 4	07/17/17	3513.35	-	22.74	0.00	3490.61
MW - 4	07/20/17	3513.35	-	22.78	0.00	3490.57
MW - 4	08/16/17	3513.35	-	22.68	0.00	3490.67
MW - 4	09/05/17	3513.35	-	22.51	0.00	3490.84
MW - 4	09/13/17	3513.35	-	22.63	0.00	3490.72
MW - 4	09/19/17	3513.35	-	22.69	0.00	3490.66
MW - 4	09/29/17	3513.35	-	26.61	0.00	3486.74
MW - 4	10/05/17	3513.35	-	26.65	0.00	3486.70
MW - 4	10/12/17	3513.35	-	22.67	0.00	3490.68
MW - 4	10/20/17	3513.35	-	22.55	0.00	3490.80
MW - 4	10/24/17	3513.35	-	22.41	0.00	3490.94
MW - 4	11/02/17	3513.35	-	22.34	0.00	3491.01
MW - 4	11/14/17	3513.35	-	22.31	0.00	3491.04
MW - 4	12/20/17	3513.35	-	19.24	0.00	3494.11
MW - 4	12/28/17	3513.35	-	22.21	0.00	3491.14
MW - 4	01/03/18	3513.35	-	21.23	0.00	3492.12
MW - 4	01/09/18	3513.35	-	22.20	0.00	3491.15
MW - 4	01/19/18	3513.35	-	22.24	0.00	3491.11
MW - 4	01/24/18	3513.35	-	22.23	0.00	3491.12
MW - 4	02/08/18	3513.35	-	22.23	0.00	3491.12
MW - 4	02/12/18	3513.35	-	22.19	0.00	3491.16
MW - 4	02/22/18	3513.35	-	22.17	0.00	3491.18
MW - 4	03/02/18	3513.35	-	22.17	0.00	3491.18
MW - 4	03/07/18	3513.35	-	22.17	0.00	3491.18
MW - 4	03/19/18	3513.35	-	22.14	0.00	3491.21
MW - 4	03/29/18	3513.35	-	22.15	0.00	3491.20
MW - 4	04/02/18	3513.35	-	22.10	0.00	3491.25
MW - 4	04/11/18	3513.35	-	22.09	0.00	3491.26
MW - 4	04/16/18	3513.35	-	22.10	0.00	3491.25
MW - 4	04/25/18	3513.35	-	22.13	0.00	3491.22
MW - 4	05/01/18	3513.35	-	22.10	0.00	3491.25
MW - 4	05/08/18	3513.35	-	22.13	0.00	3491.22

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	05/22/18	3513.35	-	22.34	0.00	3491.01
MW - 4	05/31/18	3513.35	-	22.48	0.00	3490.87
MW - 4	06/06/18	3513.35	-	22.59	0.00	3490.76
MW - 4	06/13/18	3513.35	-	22.59	0.00	3490.76
MW - 4	06/18/18	3513.35	-	22.63	0.00	3490.72
MW - 4	06/25/18	3513.35	-	22.67	0.00	3490.68
MW - 4	07/02/18	3513.35	-	22.75	0.00	3490.60
MW - 4	07/11/18	3513.35	-	22.81	0.00	3490.54
MW - 4	07/19/18	3513.35	-	22.86	0.00	3490.49
MW - 4	07/27/18	3513.35	-	22.94	0.00	3490.41
MW - 4	08/08/18	3513.35	-	23.05	0.00	3490.30
MW - 4	08/30/18	3513.35	-	23.12	0.00	3490.23
MW - 4	09/12/18	3513.35	-	23.10	0.00	3490.25
MW - 4	09/20/18	3513.35	-	22.97	0.00	3490.38
MW - 4	09/26/18	3513.35	-	23.04	0.00	3490.31
MW - 4	10/03/18	3513.35	-	22.96	0.00	3490.39
MW - 4	10/19/18	3513.35	-	22.96	0.00	3490.39
MW - 4	10/31/18	3513.35	-	22.85	0.00	3490.50
MW - 4	11/06/18	3513.35	-	22.56	0.00	3490.79
MW - 4	11/13/18	3513.35	-	22.86	0.00	3490.49
MW - 4	12/03/18	3513.35	-	22.75	0.00	3490.60
MW - 4	12/19/18	3513.35	-	22.63	0.00	3490.72
MW - 4	12/27/18	3513.35	-	22.60	0.00	3490.75
MW - 4	01/03/19	3513.35	-	22.62	0.00	3490.73
MW - 4	01/09/19	3513.35	-	22.59	0.00	3490.76
MW - 4	01/16/19	3513.35	-	22.57	0.00	3490.78
MW - 4	01/31/19	3513.35	-	22.57	0.00	3490.78
MW - 4	02/13/19	3513.35	-	22.53	0.00	3490.82
MW - 4	02/28/19	3513.35	-	22.48	0.00	3490.87
MW - 4	03/06/19	3513.35	-	22.45	0.00	3490.90
MW - 4	03/12/19	3513.35	-	22.42	0.00	3490.93
MW - 4	03/19/19	3513.35	-	22.45	0.00	3490.90
MW - 4	03/28/19	3513.35	-	22.46	0.00	3490.89
MW - 4	04/01/19	3513.35	-	22.42	0.00	3490.93
MW - 4	04/10/19	3513.35	-	22.36	0.00	3490.99
MW - 4	04/17/19	3513.35	-	22.38	0.00	3490.97
MW - 4	04/24/19	3513.35	-	22.37	0.00	3490.98
MW - 4	05/01/19	3513.35	-	22.40	0.00	3490.95
MW - 4	05/08/19	3513.35	-	22.36	0.00	3490.99
MW - 4	06/14/19	3513.35	-	22.62	0.00	3490.73
MW - 4	06/18/19	3513.35	-	22.62	0.00	3490.73
MW - 4	07/11/19	3513.35	-	22.88	0.00	3490.47
MW - 4	08/08/19	3513.35	-	23.08	0.00	3490.27
MW - 4	09/12/19	3513.35	-	23.27	0.00	3490.08
MW - 4	09/17/19	3513.35	-	23.26	0.00	3490.09
MW - 4	10/15/19	3513.35	-	23.07	0.00	3490.28
MW - 4	11/06/19	3513.35	-	22.99	0.00	3490.36
MW - 4	11/13/19	3513.35	-	22.93	0.00	3490.42
MW - 4	12/17/19	3513.35	-	22.78	0.00	3490.57
MW - 4	01/06/20	3513.35	-	22.71	0.00	3490.64
MW - 4	01/23/20	3513.35	-	22.67	0.00	3490.68
MW - 4	01/29/20	3513.35	-	22.65	0.00	3490.70
MW - 4	02/28/20	3513.35	-	22.60	0.00	3490.75
MW - 4	03/05/20	3513.35	-	22.60	0.00	3490.75

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	05/14/20	3513.35	-	22.35	0.00	3491.00
MW - 4	06/18/20	3513.35	-	22.84	0.00	3490.51
MW - 4	07/21/20	3513.35	-	23.16	0.00	3490.19
MW - 4	08/13/20	3513.35	-	23.28	0.00	3490.07
MW - 4	09/14/20	3513.35	-	23.43	0.00	3489.92
MW - 4	12/10/20	3513.35	-	23.49	0.00	3489.86
MW - 4	01/13/21	3513.35	-	23.42	0.00	3489.93
MW - 4	02/11/21	3513.35	-	23.37	0.00	3489.98
MW - 4	04/21/21	3513.35	-	23.25	0.00	3490.10
MW - 4	06/11/21	3513.35	-	23.27	0.00	3490.08
MW - 4	09/23/21	3513.35	23.57	23.59	0.02	3489.78
MW - 4	10/14/21	3513.35	23.60	23.61	0.01	3489.75
MW - 4	10/28/21	3513.35	23.65	23.66	0.01	3489.70
MW - 4	12/06/21	3513.35	-	23.69	0.00	3489.66
MW - 5	06/20/02	3509.96	-	21.23	0.00	3488.73
MW - 5	09/26/02	3509.96	-	21.69	0.00	3488.27
MW - 5	11/07/02	3509.96	-	21.60	0.00	3488.36
MW - 5	11/12/02	3509.96	-	21.58	0.00	3488.38
MW - 5	01/27/03	3509.96	-	21.26	0.00	3488.70
MW - 5	02/12/03	3509.96	-	21.30	0.00	3488.66
MW - 5	03/11/03	3509.96	-	21.24	0.00	3488.72
MW - 5	03/19/03	3509.96	-	21.20	0.00	3488.76
MW - 5	04/16/03	3509.96	-	21.08	0.00	3488.88
MW - 5	04/29/03	3509.96	-	21.11	0.00	3488.85
MW - 5	05/14/03	3509.96	-	21.25	0.00	3488.71
MW - 5	05/20/03	3509.96	-	21.46	0.00	3488.50
MW - 5	05/27/03	3509.96	-	21.43	0.00	3488.53
MW - 5	06/04/03	3509.96	-	21.45	0.00	3488.51
MW - 5	07/07/03	3509.96	-	22.11	0.00	3487.85
MW - 5	07/30/03	3509.96	-	22.01	0.00	3487.95
MW - 5	08/06/03	3509.96	-	22.24	0.00	3487.72
MW - 5	08/21/03	3509.96	sheen	22.43	0.00	3487.53
MW - 5	08/26/03	3509.96	-	22.62	0.00	3487.34
MW - 5	09/08/03	3509.96	-	22.39	0.00	3487.57
MW - 5	09/15/03	3509.96	-	22.28	0.00	3487.68
MW - 5	09/24/03	3509.96	-	22.62	0.00	3487.34
MW - 5	10/02/03	3509.96	-	22.48	0.00	3487.48
MW - 5	10/08/03	3509.96	-	22.37	0.00	3487.59
MW - 5	10/16/03	3509.96	-	22.67	0.00	3487.29
MW - 5	10/28/03	3509.96	-	22.72	0.00	3487.24
MW - 5	11/18/03	3509.96	-	22.55	0.00	3487.41
MW - 5	12/10/03	3509.96	22.41	22.42	0.01	3487.55
MW - 5	02/02/04	3509.96	-	22.76	0.00	3487.20
MW - 5	02/11/04	3509.96	-	22.22	0.00	3487.74
MW - 5	02/26/04	3509.96	-	22.22	0.00	3487.74
MW - 5	03/16/04	3509.96	-	22.21	0.00	3487.75
MW - 5	03/19/04	3509.96	-	22.36	0.00	3487.60
MW - 5	03/25/04	3509.96	-	22.35	0.00	3487.61
MW - 5	04/01/04	3509.96	-	22.32	0.00	3487.64
MW - 5	04/08/04	3509.96	-	21.74	0.00	3488.22
MW - 5	04/14/04	3509.96	-	21.71	0.00	3488.25
MW - 5	04/16/04	3509.96	-	21.84	0.00	3488.12
MW - 5	04/22/04	3509.96	-	21.04	0.00	3488.92

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	04/29/04	3509.96	21.01	21.02	0.01	3488.95
MW - 5	05/11/04	3509.96	-	21.11	0.00	3488.85
MW - 5	06/08/04	3509.96	-	21.09	0.00	3488.87
MW - 5	06/17/04	3509.96	21.03	21.08	0.05	3488.92
MW - 5	06/22/04	3509.96	21.07	21.10	0.03	3488.89
MW - 5	06/29/04	3509.96	21.05	21.12	0.07	3488.90
MW - 5	07/06/04	3509.96	-	21.13	0.00	3488.83
MW - 5	07/13/04	3509.96	-	21.18	0.00	3488.78
MW - 5	07/20/04	3509.96	-	23.11	0.00	3486.85
MW - 5	08/04/04	3509.96	-	23.36	0.00	3486.60
MW - 5	08/10/04	3509.96	-	21.35	0.00	3488.61
MW - 5	08/16/04	3509.96	sheen	21.48	0.00	3488.48
MW - 5	08/23/04	3509.96	sheen	21.39	0.00	3488.57
MW - 5	08/25/04	3509.96	-	21.35	0.00	3488.61
MW - 5	08/26/04	3509.96	sheen	21.38	0.00	3488.58
MW - 5	08/31/04	3509.96	sheen	21.70	0.00	3488.26
MW - 5	09/13/04	3509.96	sheen	21.57	0.00	3488.39
MW - 5	09/20/04	3509.96	sheen	21.60	0.00	3488.36
MW - 5	09/30/04	3509.96	sheen	21.63	0.00	3488.33
MW - 5	10/04/04	3509.96	sheen	21.12	0.00	3488.84
MW - 5	10/11/04	3509.96	sheen	20.86	0.00	3489.10
MW - 5	10/18/04	3509.96	sheen	20.84	0.00	3489.12
MW - 5	10/26/04	3509.96	sheen	20.97	0.00	3488.99
MW - 5	11/02/04	3509.96	sheen	20.83	0.00	3489.13
MW - 5	11/08/04	3509.96	sheen	21.81	0.00	3488.15
MW - 5	11/15/04	3509.96	sheen	20.80	0.00	3489.16
MW - 5	12/01/04	3509.96	-	20.70	0.00	3489.26
MW - 5	12/03/04	3509.96	-	20.70	0.00	3489.26
MW - 5	12/14/04	3509.96	sheen	20.57	0.00	3489.39
MW - 5	12/21/04	3509.96	sheen	20.51	0.00	3489.45
MW - 5	12/29/04	3509.96	sheen	20.44	0.00	3489.52
MW - 5	01/11/05	3509.96	sheen	20.53	0.00	3489.43
MW - 5	01/14/05	3509.96	sheen	20.30	0.00	3489.66
MW - 5	01/18/05	3509.96	sheen	20.28	0.00	3489.68
MW - 5	01/21/05	3509.96	sheen	20.25	0.00	3489.71
MW - 5	01/25/05	3509.96	sheen	20.20	0.00	3489.76
MW - 5	01/28/05	3509.96	sheen	20.21	0.00	3489.75
MW - 5	02/02/05	3509.96	sheen	20.17	0.00	3489.79
MW - 5	02/05/05	3509.96	sheen	20.10	0.00	3489.86
MW - 5	02/08/05	3509.96	sheen	20.13	0.00	3489.83
MW - 5	02/11/05	3509.96	sheen	20.14	0.00	3489.82
MW - 5	02/15/05	3509.96	sheen	20.07	0.00	3489.89
MW - 5	02/18/05	3509.96	sheen	20.07	0.00	3489.89
MW - 5	02/22/05	3509.96	sheen	20.03	0.00	3489.93
MW - 5	02/25/05	3509.96	sheen	20.00	0.00	3489.96
MW - 5	03/01/05	3509.96	sheen	19.96	0.00	3490.00
MW - 5	03/04/05	3509.96	sheen	19.97	0.00	3489.99
MW - 5	03/08/05	3509.96	sheen	19.92	0.00	3490.04
MW - 5	03/08/05	3509.96	sheen	19.92	0.00	3490.04
MW - 5	03/11/05	3509.96	sheen	19.96	0.00	3490.00
MW - 5	03/15/05	3509.96	sheen	19.90	0.00	3490.06
MW - 5	03/18/05	3509.96	sheen	19.91	0.00	3490.05
MW - 5	03/22/05	3509.96	sheen	19.87	0.00	3490.09
MW - 5	03/28/05	3509.96	sheen	19.75	0.00	3490.21

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	04/01/05	3509.96	sheen	20.38	0.00	3489.58
MW - 5	04/05/05	3509.96	sheen	19.72	0.00	3490.24
MW - 5	04/08/05	3509.96	sheen	19.73	0.00	3490.23
MW - 5	04/12/05	3509.96	sheen	19.68	0.00	3490.28
MW - 5	04/15/05	3509.96	sheen	19.66	0.00	3490.30
MW - 5	05/25/05	3509.96	sheen	19.47	0.00	3490.49
MW - 5	05/27/05	3509.96	sheen	19.46	0.00	3490.50
MW - 5	05/31/05	3509.96	sheen	19.45	0.00	3490.51
MW - 5	06/03/05	3509.96	sheen	19.43	0.00	3490.53
MW - 5	06/06/05	3509.96	sheen	19.42	0.00	3490.54
MW - 5	06/08/05	3509.96	-	19.42	0.00	3490.54
MW - 5	06/13/05	3509.96	sheen	19.44	0.00	3490.52
MW - 5	06/20/05	3509.96	sheen	19.49	0.00	3490.47
MW - 5	06/24/05	3509.96	sheen	19.50	0.00	3490.46
MW - 5	06/27/05	3509.96	sheen	19.55	0.00	3490.41
MW - 5	07/11/05	3509.96	sheen	19.75	0.00	3490.21
MW - 5	07/15/05	3509.96	sheen	19.79	0.00	3490.17
MW - 5	07/18/05	3509.96	sheen	19.86	0.00	3490.10
MW - 5	07/21/05	3509.96	sheen	19.88	0.00	3490.08
MW - 5	07/25/05	3509.96	sheen	19.97	0.00	3489.99
MW - 5	08/01/05	3509.96	sheen	19.18	0.00	3490.78
MW - 5	08/04/05	3509.96	sheen	19.19	0.00	3490.77
MW - 5	08/12/05	3509.96	sheen	20.06	0.00	3489.90
MW - 5	08/15/05	3509.96	20.04	20.06	0.02	3489.92
MW - 5	08/23/05	3509.96	sheen	19.84	0.00	3490.12
MW - 5	08/30/05	3509.96	sheen	19.78	0.00	3490.18
MW - 5	09/06/05	3509.96	sheen	19.72	0.00	3490.24
MW - 5	09/13/05	3509.96	sheen	19.75	0.00	3490.21
MW - 5	09/15/05	3509.96	-	19.79	0.00	3490.17
MW - 5	09/19/05	3509.96	sheen	19.80	0.00	3490.16
MW - 5	09/27/05	3509.96	sheen	19.81	0.00	3490.15
MW - 5	10/03/05	3509.96	sheen	19.87	0.00	3490.09
MW - 5	10/08/05	3509.96	17.60	17.61	0.01	3492.36
MW - 5	10/10/05	3509.96	sheen	19.84	0.00	3490.12
MW - 5	10/17/05	3509.96	sheen	19.80	0.00	3490.16
MW - 5	10/24/05	3509.96	sheen	19.70	0.00	3490.26
MW - 5	10/31/05	3509.96	sheen	19.66	0.00	3490.30
MW - 5	11/15/05	3509.96	sheen	19.65	0.00	3490.31
MW - 5	11/22/05	3509.96	sheen	19.60	0.00	3490.36
MW - 5	11/27/05	3509.96	sheen	19.58	0.00	3490.38
MW - 5	12/07/05	3509.96	sheen	19.64	0.00	3490.32
MW - 5	12/16/05	3509.96	sheen	19.58	0.00	3490.38
MW - 5	12/22/05	3509.96	sheen	19.59	0.00	3490.37
MW - 5	12/27/05	3509.96	sheen	19.57	0.00	3490.39
MW - 5	01/03/06	3509.96	sheen	19.55	0.00	3490.41
MW - 5	01/09/06	3509.96	sheen	19.60	0.00	3490.36
MW - 5	01/16/06	3509.96	sheen	19.54	0.00	3490.42
MW - 5	01/23/06	3509.96	sheen	19.55	0.00	3490.41
MW - 5	01/30/06	3509.96	sheen	19.55	0.00	3490.41
MW - 5	02/06/06	3509.96	sheen	19.54	0.00	3490.42
MW - 5	02/14/06	3509.96	sheen	19.53	0.00	3490.43
MW - 5	02/21/06	3509.96	sheen	19.50	0.00	3490.46
MW - 5	03/01/06	3509.96	sheen	19.49	0.00	3490.47
MW - 5	03/06/06	3509.96	sheen	19.53	0.00	3490.43

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	03/15/06	3509.96	sheen	19.50	0.00	3490.46
MW - 5	03/16/06	3509.96	-	19.51	0.00	3490.45
MW - 5	03/21/06	3509.96	sheen	19.53	0.00	3490.43
MW - 5	03/28/06	3509.96	sheen	19.54	0.00	3490.42
MW - 5	04/03/06	3509.96	sheen	19.45	0.00	3490.51
MW - 5	04/17/06	3509.96	sheen	19.61	0.00	3490.35
MW - 5	05/01/06	3509.96	sheen	19.68	0.00	3490.28
MW - 5	05/08/06	3509.96	sheen	19.46	0.00	3490.50
MW - 5	05/15/06	3509.96	sheen	19.51	0.00	3490.45
MW - 5	05/30/06	3509.96	sheen	19.82	0.00	3490.14
MW - 5	06/05/06	3509.96	sheen	19.90	0.00	3490.06
MW - 5	06/12/06	3509.96	sheen	20.03	0.00	3489.93
MW - 5	06/15/06	3509.96	-	20.05	0.00	3489.91
MW - 5	06/19/06	3509.96	sheen	20.12	0.00	3489.84
MW - 5	07/03/06	3509.96	sheen	20.26	0.00	3489.70
MW - 5	07/10/06	3509.96	-	20.28	0.00	3489.68
MW - 5	07/17/06	3509.96	-	21.00	0.00	3488.96
MW - 5	07/26/06	3509.96	sheen	20.20	0.00	3489.76
MW - 5	07/31/06	3509.96	sheen	20.27	0.00	3489.69
MW - 5	08/07/06	3509.96	-	20.32	0.00	3489.64
MW - 5	08/17/06	3509.96	-	20.26	0.00	3489.70
MW - 5	08/21/06	3509.96	-	20.18	0.00	3489.78
MW - 5	09/06/06	3509.96	sheen	19.86	0.00	3490.10
MW - 5	09/11/06	3509.96	sheen	19.84	0.00	3490.12
MW - 5	09/18/06	3509.96	-	19.84	0.00	3490.12
MW - 5	09/25/06	3509.96	sheen	19.86	0.00	3490.10
MW - 5	09/29/06	3509.96	-	19.88	0.00	3490.08
MW - 5	10/02/06	3509.96	sheen	19.82	0.00	3490.14
MW - 5	10/09/06	3509.96	sheen	19.88	0.00	3490.08
MW - 5	10/17/06	3509.96	sheen	19.85	0.00	3490.11
MW - 5	10/23/06	3509.96	sheen	19.84	0.00	3490.12
MW - 5	10/30/06	3509.96	sheen	19.82	0.00	3490.14
MW - 5	11/06/06	3509.96	sheen	19.83	0.00	3490.13
MW - 5	11/13/06	3509.96	sheen	19.82	0.00	3490.14
MW - 5	11/20/06	3509.96	sheen	19.91	0.00	3490.05
MW - 5	11/27/06	3509.96	sheen	19.80	0.00	3490.16
MW - 5	11/30/06	3509.96	-	19.76	0.00	3490.20
MW - 5	12/04/06	3509.96	sheen	19.81	0.00	3490.15
MW - 5	12/12/06	3509.96	sheen	19.74	0.00	3490.22
MW - 5	12/18/06	3509.96	sheen	19.78	0.00	3490.18
MW - 5	01/02/07	3509.96	sheen	19.76	0.00	3490.20
MW - 5	01/11/07	3509.96	sheen	19.72	0.00	3490.24
MW - 5	01/18/07	3509.96	sheen	19.72	0.00	3490.24
MW - 5	01/22/07	3509.96	sheen	19.71	0.00	3490.25
MW - 5	02/05/07	3509.96	sheen	19.68	0.00	3490.28
MW - 5	02/12/07	3509.96	-	19.66	0.00	3490.30
MW - 5	02/19/07	3509.96	-	19.59	0.00	3490.37
MW - 5	02/27/07	3509.96	-	19.60	0.00	3490.36
MW - 5	03/05/07	3509.96	-	18.65	0.00	3491.31
MW - 5	03/19/07	3509.96	-	19.64	0.00	3490.32
MW - 5	04/02/07	3509.96	-	18.63	0.00	3491.33
MW - 5	04/09/07	3509.96	-	19.54	0.00	3490.42
MW - 5	05/22/07	3509.96	sheen	19.38	0.00	3490.58
MW - 5	08/15/07	3509.96	-	20.21	0.00	3489.75

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	11/06/07	3509.96	sheen	19.93	0.00	3490.03
MW - 5	11/30/07	3509.96	sheen	19.99	0.00	3489.97
MW - 5	01/16/08	3509.96	sheen	19.88	0.00	3490.08
MW - 5	01/21/08	3509.96	sheen	19.86	0.00	3490.10
MW - 5	01/30/08	3509.96	sheen	19.78	0.00	3490.18
MW - 5	02/08/08	3509.96	sheen	19.84	0.00	3490.12
MW - 5	02/12/08	3509.96	-	19.81	0.00	3490.15
MW - 5	02/14/08	3509.96	sheen	19.83	0.00	3490.13
MW - 5	02/28/08	3509.96	sheen	19.82	0.00	3490.14
MW - 5	03/05/08	3509.96	sheen	19.82	0.00	3490.14
MW - 5	03/13/08	3509.96	sheen	19.78	0.00	3490.18
MW - 5	03/19/08	3509.96	sheen	19.79	0.00	3490.17
MW - 5	05/07/08	3509.96	sheen	19.73	0.00	3490.23
MW - 5	05/13/08	3509.96	-	19.74	0.00	3490.22
MW - 5	06/30/08	3509.96	20.40	20.41	0.01	3489.56
MW - 5	08/14/08	3509.96	20.62	20.72	0.10	3489.33
MW - 5	08/18/08	3509.96	20.62	20.63	0.01	3489.34
MW - 5	08/28/08	3509.96	sheen	20.56	0.00	3489.40
MW - 5	09/17/08	3509.96	sheen	20.27	0.00	3489.69
MW - 5	09/29/08	3509.96	sheen	20.21	0.00	3489.75
MW - 5	10/06/08	3509.96	sheen	20.23	0.00	3489.73
MW - 5	10/13/08	3509.96	sheen	20.28	0.00	3489.68
MW - 5	10/20/08	3509.96	sheen	20.21	0.00	3489.75
MW - 5	10/29/08	3509.96	sheen	20.18	0.00	3489.78
MW - 5	11/06/08	3509.96	sheen	20.10	0.00	3489.86
MW - 5	11/12/08	3509.96	sheen	20.08	0.00	3489.88
MW - 5	11/13/08	3509.96	sheen	20.08	0.00	3489.88
MW - 5	12/22/08	3509.96	sheen	20.03	0.00	3489.93
MW - 5	01/06/09	3509.96	-	20.01	0.00	3489.95
MW - 5	01/19/09	3509.96	-	19.95	0.00	3490.01
MW - 5	01/26/09	3509.96	-	19.96	0.00	3490.00
MW - 5	02/10/09	3509.96	-	19.93	0.00	3490.03
MW - 5	02/13/09	3509.96	-	19.92	0.00	3490.04
MW - 5	02/16/09	3509.96	-	19.94	0.00	3490.02
MW - 5	02/24/09	3509.96	-	19.95	0.00	3490.01
MW - 5	03/02/09	3509.96	-	19.90	0.00	3490.06
MW - 5	03/05/09	3509.96	-	19.96	0.00	3490.00
MW - 5	03/09/09	3509.96	-	19.93	0.00	3490.03
MW - 5	03/16/09	3509.96	-	19.94	0.00	3490.02
MW - 5	03/19/09	3509.96	-	19.92	0.00	3490.04
MW - 5	03/25/09	3509.96	-	19.94	0.00	3490.02
MW - 5	03/30/09	3509.96	-	19.96	0.00	3490.00
MW - 5	04/13/09	3509.96	-	19.85	0.00	3490.11
MW - 5	04/16/09	3509.96	-	20.00	0.00	3489.96
MW - 5	04/21/09	3509.96	-	19.98	0.00	3489.98
MW - 5	04/27/09	3509.96	-	19.91	0.00	3490.05
MW - 5	04/30/09	3509.96	-	19.99	0.00	3489.97
MW - 5	05/06/09	3509.96	-	20.00	0.00	3489.96
MW - 5	05/12/09	3509.96	-	19.88	0.00	3490.08
MW - 5	05/19/09	3509.96	-	20.01	0.00	3489.95
MW - 5	05/26/09	3509.96	-	20.06	0.00	3489.90
MW - 5	06/01/09	3509.96	-	20.15	0.00	3489.81
MW - 5	06/12/09	3509.96	-	20.26	0.00	3489.70
MW - 5	06/22/09	3509.96	-	20.38	0.00	3489.58

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	06/29/09	3509.96	-	20.42	0.00	3489.54
MW - 5	07/06/09	3509.96	-	20.54	0.00	3489.42
MW - 5	07/09/09	3509.96	-	20.03	0.00	3489.93
MW - 5	07/13/09	3509.96	-	20.05	0.00	3489.91
MW - 5	07/20/09	3509.96	-	20.04	0.00	3489.92
MW - 5	07/23/09	3509.96	-	20.63	0.00	3489.33
MW - 5	07/27/09	3509.96	-	20.65	0.00	3489.31
MW - 5	07/29/09	3509.96	-	20.58	0.00	3489.38
MW - 5	08/03/09	3509.96	-	20.50	0.00	3489.46
MW - 5	08/10/09	3509.96	-	20.62	0.00	3489.34
MW - 5	08/10/09	3509.96	-	20.62	0.00	3489.34
MW - 5	08/18/09	3509.96	-	20.72	0.00	3489.24
MW - 5	08/24/09	3509.96	-	20.79	0.00	3489.17
MW - 5	08/28/09	3509.96	-	20.78	0.00	3489.18
MW - 5	08/31/09	3509.96	-	20.84	0.00	3489.12
MW - 5	09/02/09	3509.96	-	20.58	0.00	3489.38
MW - 5	09/08/09	3509.96	-	20.91	0.00	3489.05
MW - 5	09/10/09	3509.96	-	20.82	0.00	3489.14
MW - 5	09/16/09	3509.96	-	20.84	0.00	3489.12
MW - 5	09/18/09	3509.96	-	20.82	0.00	3489.14
MW - 5	09/22/09	3509.96	-	20.85	0.00	3489.11
MW - 5	09/28/09	3509.96	-	20.79	0.00	3489.17
MW - 5	10/09/09	3509.96	-	20.87	0.00	3489.09
MW - 5	10/12/09	3509.96	-	20.10	0.00	3489.86
MW - 5	10/20/09	3509.96	-	20.96	0.00	3489.00
MW - 5	10/26/09	3509.96	-	20.10	0.00	3489.86
MW - 5	10/28/09	3509.96	-	20.94	0.00	3489.02
MW - 5	11/03/09	3509.96	-	20.85	0.00	3489.11
MW - 5	11/12/09	3509.96	-	20.80	0.00	3489.16
MW - 5	11/18/09	3509.96	-	20.84	0.00	3489.12
MW - 5	12/03/09	3509.96	sheen	20.78	0.00	3489.18
MW - 5	12/11/09	3509.96	sheen	20.72	0.00	3489.24
MW - 5	12/16/09	3509.96	sheen	20.71	0.00	3489.25
MW - 5	12/21/09	3509.96	-	20.74	0.00	3489.22
MW - 5	12/28/09	3509.96	-	20.68	0.00	3489.28
MW - 5	01/04/10	3509.96	-	20.68	0.00	3489.28
MW - 5	01/14/10	3509.96	sheen	20.71	0.00	3489.25
MW - 5	01/20/10	3509.96	sheen	20.58	0.00	3489.38
MW - 5	01/25/10	3509.96	-	20.60	0.00	3489.36
MW - 5	01/27/10	3509.96	sheen	20.87	0.00	3489.09
MW - 5	02/01/10	3509.96	sheen	20.58	0.00	3489.38
MW - 5	02/08/10	3509.96	sheen	20.55	0.00	3489.41
MW - 5	02/09/10	3509.96	sheen	20.66	0.00	3489.30
MW - 5	02/19/10	3509.96	sheen	20.58	0.00	3489.38
MW - 5	02/26/10	3509.96	-	20.51	0.00	3489.45
MW - 5	03/01/10	3509.96	-	20.58	0.00	3489.38
MW - 5	03/04/10	3509.96	sheen	20.47	0.00	3489.49
MW - 5	03/08/10	3509.96	sheen	20.50	0.00	3489.46
MW - 5	03/11/10	3509.96	-	20.35	0.00	3489.61
MW - 5	03/15/10	3509.96	-	20.44	0.00	3489.52
MW - 5	03/17/10	3509.96	sheen	20.34	0.00	3489.62
MW - 5	03/22/10	3509.96	-	20.27	0.00	3489.69
MW - 5	03/29/10	3509.96	-	20.24	0.00	3489.72
MW - 5	04/05/10	3509.96	sheen	20.29	0.00	3489.67

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	04/14/10	3509.96	sheen	20.25	0.00	3489.71
MW - 5	04/16/10	3509.96	-	20.19	0.00	3489.77
MW - 5	04/19/10	3509.96	sheen	20.27	0.00	3489.69
MW - 5	04/28/10	3509.96	sheen	20.23	0.00	3489.73
MW - 5	05/05/10	3509.96	-	20.09	0.00	3489.87
MW - 5	05/12/10	3509.96	sheen	20.21	0.00	3489.75
MW - 5	05/14/10	3509.96	sheen	20.21	0.00	3489.75
MW - 5	05/21/10	3509.96	sheen	20.23	0.00	3489.73
MW - 5	05/26/10	3509.96	sheen	20.26	0.00	3489.70
MW - 5	06/04/10	3509.96	sheen	20.25	0.00	3489.71
MW - 5	06/07/10	3509.96	-	20.45	0.00	3489.51
MW - 5	06/12/10	3509.96	sheen	20.49	0.00	3489.47
MW - 5	06/24/10	3509.96	sheen	20.65	0.00	3489.31
MW - 5	07/07/10	3509.96	sheen	20.22	0.00	3489.74
MW - 5	07/12/10	3509.96	sheen	20.05	0.00	3489.91
MW - 5	07/19/10	3509.96	sheen	19.56	0.00	3490.40
MW - 5	08/03/10	3509.96	sheen	19.91	0.00	3490.05
MW - 5	08/11/10	3509.96	sheen	19.90	0.00	3490.06
MW - 5	08/19/10	3509.96	-	20.02	0.00	3489.94
MW - 5	08/25/10	3509.96	sheen	20.05	0.00	3489.91
MW - 5	09/01/10	3509.96	sheen	20.09	0.00	3489.87
MW - 5	09/09/10	3509.96	sheen	20.20	0.00	3489.76
MW - 5	09/13/10	3509.96	sheen	19.90	0.00	3490.06
MW - 5	09/29/10	3509.96	sheen	18.42	0.00	3491.54
MW - 5	10/05/10	3509.96	sheen	19.91	0.00	3490.05
MW - 5	10/20/10	3509.96	sheen	19.96	0.00	3490.00
MW - 5	10/25/10	3509.96	sheen	19.95	0.00	3490.01
MW - 5	11/03/10	3509.96	sheen	20.06	0.00	3489.90
MW - 5	11/10/10	3509.96	sheen	20.02	0.00	3489.94
MW - 5	11/12/10	3509.96	-	20.02	0.00	3489.94
MW - 5	12/09/10	3509.96	sheen	19.80	0.00	3490.16
MW - 5	01/18/11	3509.96	-	20.02	0.00	3489.94
MW - 5	02/16/11	3509.96	-	20.01	0.00	3489.95
MW - 5	03/01/11	3509.96	sheen	20.25	0.00	3489.71
MW - 5	03/07/11	3509.96	sheen	20.20	0.00	3489.76
MW - 5	03/22/11	3509.96	-	20.00	0.00	3489.96
MW - 5	04/27/11	3509.96	sheen	20.16	0.00	3489.80
MW - 5	05/05/11	3509.96	sheen	20.20	0.00	3489.76
MW - 5	05/10/11	3509.96	sheen	20.15	0.00	3489.81
MW - 5	05/17/11	3509.96	sheen	20.21	0.00	3489.75
MW - 5	05/19/11	3509.96	-	20.21	0.00	3489.75
MW - 5	05/24/11	3509.96	sheen	20.37	0.00	3489.59
MW - 5	06/07/11	3509.96	sheen	20.52	0.00	3489.44
MW - 5	06/08/11	3509.96	sheen	20.56	0.00	3489.40
MW - 5	06/14/11	3509.96	sheen	20.58	0.00	3489.38
MW - 5	06/23/11	3509.96	sheen	20.53	0.00	3489.43
MW - 5	06/28/11	3509.96	sheen	20.68	0.00	3489.28
MW - 5	07/06/11	3509.96	sheen	20.81	0.00	3489.15
MW - 5	07/14/11	3509.96	sheen	20.83	0.00	3489.13
MW - 5	07/20/11	3509.96	-	21.89	0.00	3488.07
MW - 5	07/27/11	3509.96	-	21.92	0.00	3488.04
MW - 5	08/03/11	3509.96	-	20.98	0.00	3488.98
MW - 5	08/10/11	3509.96	-	20.04	0.00	3489.92
MW - 5	08/18/11	3509.96	-	21.28	0.00	3488.68

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	08/25/11	3509.96	-	21.33	0.00	3488.63
MW - 5	09/07/11	3509.96	-	20.10	0.00	3489.86
MW - 5	09/14/11	3509.96	-	21.12	0.00	3488.84
MW - 5	11/14/11	3509.96	-	20.92	0.00	3489.04
MW - 5	12/01/11	3509.96	-	20.89	0.00	3489.07
MW - 5	12/08/11	3509.96	-	20.91	0.00	3489.05
MW - 5	12/14/11	3509.96	-	20.95	0.00	3489.01
MW - 5	01/12/12	3509.96	-	20.80	0.00	3489.16
MW - 5	01/19/12	3509.96	-	20.70	0.00	3489.26
MW - 5	02/03/12	3509.96	-	20.89	0.00	3489.07
MW - 5	02/09/12	3509.96	-	20.59	0.00	3489.37
MW - 5	03/14/12	3509.96	-	20.50	0.00	3489.46
MW - 5	03/19/12	3509.96	-	20.56	0.00	3489.40
MW - 5	03/29/12	3509.96	-	20.46	0.00	3489.50
MW - 5	04/05/12	3509.96	-	20.43	0.00	3489.53
MW - 5	04/18/12	3509.96	-	20.39	0.00	3489.57
MW - 5	04/27/12	3509.96	-	20.43	0.00	3489.53
MW - 5	05/02/12	3509.96	-	20.53	0.00	3489.43
MW - 5	05/31/12	3509.96	-	20.45	0.00	3489.51
MW - 5	06/08/12	3509.96	-	20.50	0.00	3489.46
MW - 5	06/12/12	3509.96	-	20.59	0.00	3489.37
MW - 5	06/21/12	3509.96	-	20.59	0.00	3489.37
MW - 5	06/29/12	3509.96	-	20.68	0.00	3489.28
MW - 5	07/13/12	3509.96	-	20.86	0.00	3489.10
MW - 5	12/06/12	3509.96	-	20.82	0.00	3489.14
MW - 5	12/11/12	3509.96	-	20.84	0.00	3489.12
MW - 5	12/18/12	3509.96	-	20.84	0.00	3489.12
MW - 5	01/09/13	3509.96	-	20.81	0.00	3489.15
MW - 5	01/15/13	3509.96	-	20.77	0.00	3489.19
MW - 5	01/23/13	3509.96	-	20.81	0.00	3489.15
MW - 5	01/29/13	3509.96	-	20.75	0.00	3489.21
MW - 5	02/07/13	3509.96	-	20.74	0.00	3489.22
MW - 5	02/13/13	3509.96	-	20.70	0.00	3489.26
MW - 5	02/20/13	3509.96	20.02	23.02	3.00	3489.49
MW - 5	03/15/13	3509.96	-	20.64	0.00	3489.32
MW - 5	03/19/13	3509.96	-	20.66	0.00	3489.30
MW - 5	04/02/13	3509.96	-	20.62	0.00	3489.34
MW - 5	04/09/13	3509.96	-	20.58	0.00	3489.38
MW - 5	04/16/13	3509.96	-	20.61	0.00	3489.35
MW - 5	04/23/13	3509.96	-	20.58	0.00	3489.38
MW - 5	04/30/13	3509.96	19.95	20.29	0.34	3489.96
MW - 5	05/08/13	3509.96	-	20.57	0.00	3489.39
MW - 5	05/14/13	3509.96	-	20.54	0.00	3489.42
MW - 5	05/22/13	3509.96	-	20.56	0.00	3489.40
MW - 5	05/28/13	3509.96	-	20.57	0.00	3489.39
MW - 5	06/04/13	3509.96	-	20.63	0.00	3489.33
MW - 5	06/11/13	3509.96	-	20.68	0.00	3489.28
MW - 5	06/19/13	3509.96	-	20.77	0.00	3489.19
MW - 5	06/28/13	3509.96	-	20.92	0.00	3489.04
MW - 5	07/01/13	3509.96	-	20.96	0.00	3489.00
MW - 5	07/08/13	3509.96	-	21.06	0.00	3488.90
MW - 5	07/23/13	3509.96	-	21.04	0.00	3488.92
MW - 5	07/30/13	3509.96	-	20.95	0.00	3489.01
MW - 5	08/05/13	3509.96	-	20.95	0.00	3489.01

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	08/12/13	3509.96	-	20.99	0.00	3488.97
MW - 5	08/22/13	3509.96	-	21.09	0.00	3488.87
MW - 5	08/29/13	3509.96	-	21.17	0.00	3488.79
MW - 5	09/05/13	3509.96	-	21.21	0.00	3488.75
MW - 5	09/10/13	3509.96	-	21.30	0.00	3488.66
MW - 5	09/17/13	3509.96	-	21.39	0.00	3488.57
MW - 5	09/24/13	3509.96	-	21.38	0.00	3488.58
MW - 5	10/07/13	3509.96	-	21.45	0.00	3488.51
MW - 5	11/14/13	-	-	24.00	0.00	-
MW - 5	11/21/13	-	-	24.03	0.00	-
MW - 5	12/12/13	-	-	23.94	0.00	-
MW - 5	12/19/13	-	-	23.92	0.00	-
MW - 5	01/03/14	-	-	23.87	0.00	-
MW - 5	01/09/14	-	-	23.89	0.00	-
MW - 5	01/13/14	-	-	23.86	0.00	-
MW - 5	01/21/14	-	-	23.83	0.00	-
MW - 5	01/24/14	-	-	23.87	0.00	-
MW - 5	02/04/14	3513.99	-	23.78	0.00	3490.21
MW - 5	02/10/14	3513.99	-	23.82	0.00	3490.17
MW - 5	02/27/14	3513.99	-	23.82	0.00	3490.17
MW - 5	03/17/14	3513.99	-	23.66	0.00	3490.33
MW - 5	03/27/14	3513.99	-	23.62	0.00	3490.37
MW - 5	04/02/14	3513.99	-	23.68	0.00	3490.31
MW - 5	04/16/14	3513.99	-	23.62	0.00	3490.37
MW - 5	04/22/14	3513.99	-	23.60	0.00	3490.39
MW - 5	04/28/14	3513.99	-	23.62	0.00	3490.37
MW - 5	05/06/14	3513.99	-	23.60	0.00	3490.39
MW - 5	05/13/14	3513.99	-	23.64	0.00	3490.35
MW - 5	05/14/14	3513.99	-	23.62	0.00	3490.37
MW - 5	05/21/14	3513.99	-	23.65	0.00	3490.34
MW - 5	06/05/14	3513.99	-	23.86	0.00	3490.13
MW - 5	06/11/14	3513.99	-	23.93	0.00	3490.06
MW - 5	06/16/14	3513.99	-	24.02	0.00	3489.97
MW - 5	06/24/14	3513.99	-	24.11	0.00	3489.88
MW - 5	07/01/14	3513.99	-	24.14	0.00	3489.85
MW - 5	07/08/14	3513.99	-	24.22	0.00	3489.77
MW - 5	07/15/14	3513.99	-	24.25	0.00	3489.74
MW - 5	07/22/14	3513.99	-	24.34	0.00	3489.65
MW - 5	07/23/14	3513.99	-	24.34	0.00	3489.65
MW - 5	07/31/14	3513.99	-	24.38	0.00	3489.61
MW - 5	08/05/14	3513.99	-	24.42	0.00	3489.57
MW - 5	08/07/14	3513.99	-	24.42	0.00	3489.57
MW - 5	08/15/14	3513.99	-	24.44	0.00	3489.55
MW - 5	08/20/14	3513.99	-	24.45	0.00	3489.54
MW - 5	08/27/14	3513.99	-	24.47	0.00	3489.52
MW - 5	09/24/14	3513.99	-	23.88	0.00	3490.11
MW - 5	10/01/14	3513.99	-	23.60	0.00	3490.39
MW - 5	10/07/14	3513.99	-	23.48	0.00	3490.51
MW - 5	10/14/14	3513.99	-	23.41	0.00	3490.58
MW - 5	10/20/14	3513.99	-	23.37	0.00	3490.62
MW - 5	10/27/14	3513.99	-	23.34	0.00	3490.65
MW - 5	11/03/14	3513.99	-	23.32	0.00	3490.67
MW - 5	11/11/14	3513.99	-	23.30	0.00	3490.69
MW - 5	11/19/14	3513.99	-	23.29	0.00	3490.70

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	12/08/14	3513.99	-	23.26	0.00	3490.73
MW - 5	12/15/14	3513.99	-	23.30	0.00	3490.69
MW - 5	12/22/14	3513.99	-	23.24	0.00	3490.75
MW - 5	12/29/14	3513.99	-	23.23	0.00	3490.76
MW - 5	01/05/15	3513.99	-	23.24	0.00	3490.75
MW - 5	01/12/15	3513.99	-	23.25	0.00	3490.74
MW - 5	01/19/15	3513.99	-	23.21	0.00	3490.78
MW - 5	02/04/15	3513.99	-	23.22	0.00	3490.77
MW - 5	02/19/15	3513.99	-	23.18	0.00	3490.81
MW - 5	03/03/15	3513.99	-	23.17	0.00	3490.82
MW - 5	03/09/15	3513.99	-	23.20	0.00	3490.79
MW - 5	03/16/15	3513.99	-	23.19	0.00	3490.80
MW - 5	03/20/15	3513.99	-	23.18	0.00	3490.81
MW - 5	03/23/15	3513.99	-	23.15	0.00	3490.84
MW - 5	03/30/15	3513.99	-	23.11	0.00	3490.88
MW - 5	04/04/15	3513.99	-	23.18	0.00	3490.81
MW - 5	04/07/15	3513.99	-	23.12	0.00	3490.87
MW - 5	04/14/15	3513.99	-	23.12	0.00	3490.87
MW - 5	04/20/15	3513.99	-	23.07	0.00	3490.92
MW - 5	04/27/15	3513.99	-	23.06	0.00	3490.93
MW - 5	05/07/15	3513.99	-	23.06	0.00	3490.93
MW - 5	05/11/15	3513.99	-	23.06	0.00	3490.93
MW - 5	05/21/15	3513.99	-	23.04	0.00	3490.95
MW - 5	05/27/15	3513.99	-	23.00	0.00	3490.99
MW - 5	05/28/15	3513.99	-	23.02	0.00	3490.97
MW - 5	06/03/15	3513.99	-	23.00	0.00	3490.99
MW - 5	06/08/15	3513.99	-	23.01	0.00	3490.98
MW - 5	06/15/15	3513.99	-	23.04	0.00	3490.95
MW - 5	06/25/15	3513.99	-	20.53	0.00	3493.46
MW - 5	06/29/15	3513.99	-	23.03	0.00	3490.96
MW - 5	07/08/15	3513.99	-	23.16	0.00	3490.83
MW - 5	07/09/15	3513.99	-	23.13	0.00	3490.86
MW - 5	07/14/15	3513.99	-	23.21	0.00	3490.78
MW - 5	07/20/15	3513.99	-	23.29	0.00	3490.70
MW - 5	07/28/15	3513.99	-	23.37	0.00	3490.62
MW - 5	08/03/15	3513.99	-	23.41	0.00	3490.58
MW - 5	08/04/15	3513.99	-	23.42	0.00	3490.57
MW - 5	08/10/15	3513.99	-	23.45	0.00	3490.54
MW - 5	08/17/15	3513.99	-	23.49	0.00	3490.50
MW - 5	09/08/15	3513.99	-	23.54	0.00	3490.45
MW - 5	09/15/15	3513.99	-	23.58	0.00	3490.41
MW - 5	09/24/15	3513.99	-	23.65	0.00	3490.34
MW - 5	09/28/15	3513.99	-	23.61	0.00	3490.38
MW - 5	10/06/15	3513.99	-	23.60	0.00	3490.39
MW - 5	10/12/15	3513.99	-	23.49	0.00	3490.50
MW - 5	10/26/15	3513.99	-	23.41	0.00	3490.58
MW - 5	11/06/15	3513.99	-	23.28	0.00	3490.71
MW - 5	11/10/15	3513.99	-	23.26	0.00	3490.73
MW - 5	11/18/15	3513.99	-	23.30	0.00	3490.69
MW - 5	12/02/15	3513.99	-	23.18	0.00	3490.81
MW - 5	12/07/15	3513.99	-	23.81	0.00	3490.18
MW - 5	12/14/15	3513.99	-	23.13	0.00	3490.86
MW - 5	01/05/16	3513.99	-	23.08	0.00	3490.91
MW - 5	01/08/16	3513.99	-	23.09	0.00	3490.90

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	01/12/16	3513.99	-	23.10	0.00	3490.89
MW - 5	01/18/16	3513.99	-	23.10	0.00	3490.89
MW - 5	01/25/16	3513.99	-	23.05	0.00	3490.94
MW - 5	02/01/16	3513.99	-	23.02	0.00	3490.97
MW - 5	02/08/16	3513.99	-	23.02	0.00	3490.97
MW - 5	02/19/16	3513.99	-	23.00	0.00	3490.99
MW - 5	02/23/16	3513.99	-	22.97	0.00	3491.02
MW - 5	03/03/16	3513.99	-	23.00	0.00	3490.99
MW - 5	03/07/16	3513.99	-	22.94	0.00	3491.05
MW - 5	03/15/16	3513.99	-	22.89	0.00	3491.10
MW - 5	03/21/16	3513.99	-	22.94	0.00	3491.05
MW - 5	03/28/16	3513.99	-	22.92	0.00	3491.07
MW - 5	04/05/16	3513.99	-	22.88	0.00	3491.11
MW - 5	04/08/16	3513.99	-	22.91	0.00	3491.08
MW - 5	04/12/16	3513.99	-	22.91	0.00	3491.08
MW - 5	04/18/16	3513.99	-	22.88	0.00	3491.11
MW - 5	04/25/16	3513.99	-	22.85	0.00	3491.14
MW - 5	05/02/16	3513.99	-	22.84	0.00	3491.15
MW - 5	05/23/16	3513.99	-	22.81	0.00	3491.18
MW - 5	06/01/16	3513.99	-	22.93	0.00	3491.06
MW - 5	06/06/16	3513.99	-	23.14	0.00	3490.85
MW - 5	06/28/16	3513.99	-	23.33	0.00	3490.66
MW - 5	07/12/16	3513.99	-	23.55	0.00	3490.44
MW - 5	07/19/16	3513.99	-	23.57	0.00	3490.42
MW - 5	07/27/16	3513.99	-	23.67	0.00	3490.32
MW - 5	08/03/16	3513.99	-	23.68	0.00	3490.31
MW - 5	08/08/16	3513.99	-	23.76	0.00	3490.23
MW - 5	08/16/16	3513.99	-	23.77	0.00	3490.22
MW - 5	08/23/16	3513.99	-	23.74	0.00	3490.25
MW - 5	08/31/16	3513.99	-	23.57	0.00	3490.42
MW - 5	09/14/16	3513.99	-	22.97	0.00	3491.02
MW - 5	09/22/16	3513.99	-	22.80	0.00	3491.19
MW - 5	09/27/16	3513.99	-	22.74	0.00	3491.25
MW - 5	10/07/16	3513.99	-	22.66	0.00	3491.33
MW - 5	10/21/16	3513.99	-	22.60	0.00	3491.39
MW - 5	10/28/16	3513.99	-	22.59	0.00	3491.40
MW - 5	11/04/16	3513.99	-	22.60	0.00	3491.39
MW - 5	11/09/16	3513.99	-	22.58	0.00	3491.41
MW - 5	12/06/16	3513.99	-	22.57	0.00	3491.42
MW - 5	12/15/16	3513.99	-	22.58	0.00	3491.41
MW - 5	12/29/16	3513.99	-	22.62	0.00	3491.37
MW - 5	01/11/17	3513.99	-	22.56	0.00	3491.43
MW - 5	01/18/17	3513.99	-	22.56	0.00	3491.43
MW - 5	01/26/17	3513.99	-	22.60	0.00	3491.39
MW - 5	01/31/17	3513.99	-	22.57	0.00	3491.42
MW - 5	02/10/17	3513.99	-	22.59	0.00	3491.40
MW - 5	02/17/17	3513.99	-	22.55	0.00	3491.44
MW - 5	02/24/17	3513.99	-	22.56	0.00	3491.43
MW - 5	03/01/17	3513.99	-	22.59	0.00	3491.40
MW - 5	03/09/17	3513.99	-	22.56	0.00	3491.43
MW - 5	03/15/17	3513.99	-	22.55	0.00	3491.44
MW - 5	03/22/17	3513.99	-	22.56	0.00	3491.43
MW - 5	03/29/17	3513.99	-	22.57	0.00	3491.42
MW - 5	04/07/17	3513.99	-	22.52	0.00	3491.47

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	04/11/17	3513.99	-	22.48	0.00	3491.51
MW - 5	04/20/17	3513.99	-	22.46	0.00	3491.53
MW - 5	05/02/17	3513.99	-	22.45	0.00	3491.54
MW - 5	05/12/17	3513.99	-	22.49	0.00	3491.50
MW - 5	05/16/17	3513.99	-	22.51	0.00	3491.48
MW - 5	05/23/17	3513.99	-	22.59	0.00	3491.40
MW - 5	06/05/17	3513.99	-	22.67	0.00	3491.32
MW - 5	06/15/17	3513.99	-	22.88	0.00	3491.11
MW - 5	06/28/17	3513.99	-	23.01	0.00	3490.98
MW - 5	07/05/17	3513.99	-	23.10	0.00	3490.89
MW - 5	07/11/17	3513.99	-	23.14	0.00	3490.85
MW - 5	07/17/17	3513.99	-	23.20	0.00	3490.79
MW - 5	07/20/17	3513.99	-	23.79	0.00	3490.20
MW - 5	08/16/17	3513.99	-	23.11	0.00	3490.88
MW - 5	09/05/17	3513.99	-	22.89	0.00	3491.10
MW - 5	09/13/17	3513.99	-	22.90	0.00	3491.09
MW - 5	09/19/17	3513.99	-	23.01	0.00	3490.98
MW - 5	09/29/17	3513.99	-	23.06	0.00	3490.93
MW - 5	10/05/17	3513.99	-	23.10	0.00	3490.89
MW - 5	10/12/17	3513.99	-	22.84	0.00	3491.15
MW - 5	10/20/17	3513.99	-	22.86	0.00	3491.13
MW - 5	10/24/17	3513.99	-	22.79	0.00	3491.20
MW - 5	11/02/17	3513.99	-	22.75	0.00	3491.24
MW - 5	11/14/17	3513.99	-	22.70	0.00	3491.29
MW - 5	12/20/17	3513.99	-	22.63	0.00	3491.36
MW - 5	12/28/17	3513.99	-	22.61	0.00	3491.38
MW - 5	01/03/18	3513.99	-	22.61	0.00	3491.38
MW - 5	01/09/18	3513.99	-	22.58	0.00	3491.41
MW - 5	01/19/18	3513.99	-	22.58	0.00	3491.41
MW - 5	01/24/18	3513.99	-	22.59	0.00	3491.40
MW - 5	02/08/18	3513.99	-	22.61	0.00	3491.38
MW - 5	02/12/18	3513.99	-	22.56	0.00	3491.43
MW - 5	02/22/18	3513.99	-	22.56	0.00	3491.43
MW - 5	03/02/18	3513.99	-	22.54	0.00	3491.45
MW - 5	03/07/18	3513.99	-	22.54	0.00	3491.45
MW - 5	03/19/18	3513.99	-	22.53	0.00	3491.46
MW - 5	03/29/18	3513.99	-	22.52	0.00	3491.47
MW - 5	04/02/18	3513.99	-	22.49	0.00	3491.50
MW - 5	04/11/18	3513.99	-	22.48	0.00	3491.51
MW - 5	04/16/18	3513.99	-	22.49	0.00	3491.50
MW - 5	04/25/18	3513.99	-	22.49	0.00	3491.50
MW - 5	05/01/18	3513.99	-	22.52	0.00	3491.47
MW - 5	05/08/18	3513.99	-	22.54	0.00	3491.45
MW - 5	05/21/18	3513.99	-	22.77	0.00	3491.22
MW - 5	05/31/18	3513.99	-	22.98	0.00	3491.01
MW - 5	06/06/18	3513.99	-	22.96	0.00	3491.03
MW - 5	06/13/18	3513.99	-	23.02	0.00	3490.97
MW - 5	06/18/18	3513.99	-	23.25	0.00	3490.74
MW - 5	06/25/18	3513.99	-	23.18	0.00	3490.81
MW - 5	07/02/18	3513.99	-	23.27	0.00	3490.72
MW - 5	07/11/18	3513.99	-	23.33	0.00	3490.66
MW - 5	07/19/18	3513.99	-	23.32	0.00	3490.67
MW - 5	07/27/18	3513.99	-	23.40	0.00	3490.59
MW - 5	08/08/18	3513.99	-	23.46	0.00	3490.53

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	08/30/18	3513.99	-	23.56	0.00	3490.43
MW - 5	09/12/18	3513.99	-	23.46	0.00	3490.53
MW - 5	09/20/18	3513.99	-	23.40	0.00	3490.59
MW - 5	09/26/18	3513.99	-	23.49	0.00	3490.50
MW - 5	10/03/18	3513.99	-	23.37	0.00	3490.62
MW - 5	10/19/18	3513.99	-	23.36	0.00	3490.63
MW - 5	10/31/18	3513.99	-	23.24	0.00	3490.75
MW - 5	11/06/18	3513.99	-	23.34	0.00	3490.65
MW - 5	11/13/18	3513.99	-	23.29	0.00	3490.70
MW - 5	12/03/18	3513.99	-	23.20	0.00	3490.79
MW - 5	12/27/18	3513.99	-	22.98	0.00	3491.01
MW - 5	01/03/19	3513.99	-	23.07	0.00	3490.92
MW - 5	01/09/19	3513.99	-	22.95	0.00	3491.04
MW - 5	01/16/19	3513.99	-	23.01	0.00	3490.98
MW - 5	02/12/19	3513.99	-	22.92	0.00	3491.07
MW - 5	02/28/19	3513.99	-	22.91	0.00	3491.08
MW - 5	03/06/19	3513.99	-	22.86	0.00	3491.13
MW - 5	03/12/19	3513.99	-	22.86	0.00	3491.13
MW - 5	03/06/19	3513.99	-	22.86	0.00	3491.13
MW - 5	03/19/19	3513.99	-	22.89	0.00	3491.10
MW - 5	03/28/19	3513.99	-	22.83	0.00	3491.16
MW - 5	04/01/19	3513.99	-	22.78	0.00	3491.21
MW - 5	04/10/19	3513.99	-	22.76	0.00	3491.23
MW - 5	04/17/19	3513.99	-	22.77	0.00	3491.22
MW - 5	04/24/19	3513.99	-	22.77	0.00	3491.22
MW - 5	05/01/19	3513.99	-	22.78	0.00	3491.21
MW - 5	05/08/19	3513.99	-	22.78	0.00	3491.21
MW - 5	06/14/19	3513.99	-	23.07	0.00	3490.92
MW - 5	07/11/19	3513.99	-	23.34	0.00	3490.65
MW - 5	08/08/19	3513.99	-	23.54	0.00	3490.45
MW - 5	09/12/19	3513.99	-	23.71	0.00	3490.28
MW - 5	09/17/19	3513.99	-	23.73	0.00	3490.26
MW - 5	10/15/19	3513.99	-	23.49	0.00	3490.50
MW - 5	11/06/19	3513.99	-	23.40	0.00	3490.59
MW - 5	11/13/19	3513.99	-	23.36	0.00	3490.63
MW - 5	12/17/19	3513.99	-	23.17	0.00	3490.82
MW - 5	01/06/20	3513.99	-	23.12	0.00	3490.87
MW - 5	01/23/20	3513.99	-	23.06	0.00	3490.93
MW - 5	01/29/20	3513.99	-	23.06	0.00	3490.93
MW - 5	02/28/20	3513.99	-	23.00	0.00	3490.99
MW - 5	03/04/20	3513.99	-	22.46	0.00	3491.53
MW - 5	05/14/20	3513.99	-	22.78	0.00	3491.21
MW - 5	06/17/20	3513.99	-	23.30	0.00	3490.69
MW - 5	07/21/20	3513.99	-	23.62	0.00	3490.37
MW - 5	08/13/20	3513.99	-	23.75	0.00	3490.24
MW - 5	09/14/20	3513.99	-	23.86	0.00	3490.13
MW - 5	12/09/20	3513.99	-	23.91	0.00	3490.08
MW - 5	01/13/21	3513.99	-	23.85	0.00	3490.14
MW - 5	02/11/21	3513.99	-	23.78	0.00	3490.21
MW - 5	04/21/21	3513.99	-	23.65	0.00	3490.34
MW - 5	06/11/21	3513.99	-	23.69	0.00	3490.30
MW - 5	07/31/21	3513.99	-	23.66	0.00	3490.33
MW - 5	09/23/21	3513.99	-	24.03	0.00	3489.96
MW - 5	10/14/21	3513.99	-	24.06	0.00	3489.93

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	12/06/21	3513.99	-	24.03	0.00	3489.96
MW - 6	06/20/02	3507.94	-	19.48	0.00	3488.46
MW - 6	09/26/02	3507.94	19.84	20.02	0.18	3488.07
MW - 6	11/07/02	3507.94	19.82	20.11	0.29	3488.08
MW - 6	11/12/02	3507.94	19.79	20.11	0.32	3488.10
MW - 6	01/07/03	3507.94	19.53	20.05	0.52	3488.33
MW - 6	01/27/03	3507.94	19.53	19.70	0.17	3488.38
MW - 6	03/11/03	3507.94	19.38	19.86	0.48	3488.49
MW - 6	03/19/03	3507.94	19.40	19.87	0.47	3488.47
MW - 6	04/16/03	3507.94	19.28	19.55	0.27	3488.62
MW - 6	05/14/03	3507.94	19.40	20.17	0.77	3488.42
MW - 6	05/20/03	3507.94	19.60	20.41	0.81	3488.22
MW - 6	05/27/03	3507.94	19.63	20.21	0.58	3488.22
MW - 6	06/04/03	3507.94	19.60	20.14	0.54	3488.26
MW - 6	07/07/03	3507.94	20.09	20.54	0.45	3487.78
MW - 6	07/30/03	3507.94	20.16	20.58	0.42	3487.72
MW - 6	08/06/03	3507.94	20.39	20.90	0.51	3487.47
MW - 6	08/21/03	3507.94	20.58	21.00	0.42	3487.30
MW - 6	08/26/03	3507.94	20.67	20.92	0.25	3487.23
MW - 6	09/08/03	3507.94	20.51	20.89	0.38	3487.37
MW - 6	09/15/03	3507.94	20.53	20.91	0.38	3487.35
MW - 6	09/24/03	3507.94	20.81	21.18	0.37	3487.07
MW - 6	10/02/03	3507.94	20.61	20.99	0.38	3487.27
MW - 6	10/08/03	3507.94	20.52	20.76	0.24	3487.38
MW - 6	10/16/03	3507.94	20.83	21.09	0.26	3487.07
MW - 6	10/28/03	3507.94	20.83	21.14	0.31	3487.06
MW - 6	11/11/03	3507.94	20.95	21.07	0.12	3486.97
MW - 6	11/18/03	3507.94	20.66	20.81	0.15	3487.26
MW - 6	12/10/03	3507.94	20.53	21.08	0.55	3487.33
MW - 6	02/02/04	3507.94	20.88	21.09	0.21	3487.03
MW - 6	02/26/04	3507.94	20.41	20.85	0.44	3487.46
MW - 6	03/16/04	3507.94	20.62	21.17	0.55	3487.24
MW - 6	03/19/04	3507.94	20.60	21.09	0.49	3487.27
MW - 6	03/25/04	3507.94	20.56	21.14	0.58	3487.29
MW - 6	04/01/04	3507.94	20.22	20.87	0.65	3487.62
MW - 6	04/08/04	3507.94	20.47	21.10	0.63	3487.38
MW - 6	04/14/04	3507.94	19.92	20.63	0.71	3487.91
MW - 6	04/16/04	3507.94	20.06	20.47	0.41	3487.82
MW - 6	04/22/04	3507.94	19.27	19.48	0.21	3488.64
MW - 6	04/29/04	3507.94	19.22	19.40	0.18	3488.69
MW - 6	05/11/04	3507.94	19.20	19.24	0.04	3488.73
MW - 6	06/08/04	3507.94	19.26	19.55	0.29	3488.64
MW - 6	06/17/04	3507.94	19.23	19.53	0.30	3488.67
MW - 6	06/22/04	3507.94	19.26	19.51	0.25	3488.64
MW - 6	06/29/04	3507.94	19.24	19.55	0.31	3488.65
MW - 6	07/06/04	3507.94	19.27	19.72	0.45	3488.60
MW - 6	07/13/04	3507.94	19.31	19.74	0.43	3488.57
MW - 6	07/20/04	3507.94	19.40	20.10	0.70	3488.44
MW - 6	08/04/04	3507.94	19.44	20.00	0.56	3488.42
MW - 6	08/10/04	3507.94	19.42	20.02	0.60	3488.43
MW - 6	08/16/04	3507.94	19.92	20.30	0.38	3487.96
MW - 6	08/23/04	3507.94	19.53	19.97	0.44	3488.34
MW - 6	08/25/04	3507.94	19.68	21.40	1.72	3488.00

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	08/26/04	3507.94	19.55	19.95	0.40	3488.33
MW - 6	08/31/04	3507.94	19.61	19.96	0.35	3488.28
MW - 6	09/13/04	3507.94	19.70	19.98	0.28	3488.20
MW - 6	09/20/04	3507.94	19.78	19.96	0.18	3488.13
MW - 6	09/30/04	3507.94	19.85	19.98	0.13	3488.07
MW - 6	10/04/04	3507.94	19.29	19.42	0.13	3488.63
MW - 6	10/11/04	3507.94	19.10	19.19	0.09	3488.83
MW - 6	10/18/04	3507.94	sheen	19.10	0.00	3488.84
MW - 6	10/26/04	3507.94	sheen	19.16	0.00	3488.78
MW - 6	11/02/04	3507.94	sheen	19.10	0.00	3488.84
MW - 6	11/08/04	3507.94	19.01	19.03	0.02	3488.93
MW - 6	11/15/04	3507.94	19.00	19.01	0.01	3488.94
MW - 6	12/01/04	3507.94	sheen	18.92	0.00	3489.02
MW - 6	12/03/04	3507.94	-	18.92	0.00	3489.02
MW - 6	12/14/04	3507.94	18.77	18.81	0.04	3489.16
MW - 6	12/21/04	3507.94	sheen	18.82	0.00	3489.12
MW - 6	12/29/04	3507.94	sheen	18.68	0.00	3489.26
MW - 6	01/11/05	3507.94	sheen	18.61	0.00	3489.33
MW - 6	01/14/05	3507.94	sheen	18.58	0.00	3489.36
MW - 6	01/18/05	3507.94	sheen	18.57	0.00	3489.37
MW - 6	01/21/05	3507.94	sheen	18.50	0.00	3489.44
MW - 6	01/25/05	3507.94	sheen	18.49	0.00	3489.45
MW - 6	01/28/05	3507.94	sheen	18.47	0.00	3489.47
MW - 6	02/02/05	3507.94	sheen	18.94	0.00	3489.00
MW - 6	02/05/05	3507.94	sheen	18.48	0.00	3489.46
MW - 6	02/08/05	3507.94	sheen	18.39	0.00	3489.55
MW - 6	02/11/05	3507.94	sheen	18.39	0.00	3489.55
MW - 6	02/15/05	3507.94	sheen	18.34	0.00	3489.60
MW - 6	02/18/05	3507.94	sheen	18.32	0.00	3489.62
MW - 6	02/22/05	3507.94	sheen	18.30	0.00	3489.64
MW - 6	02/25/05	3507.94	sheen	18.29	0.00	3489.65
MW - 6	03/01/05	3507.94	sheen	18.23	0.00	3489.71
MW - 6	03/04/05	3507.94	sheen	18.24	0.00	3489.70
MW - 6	03/08/05	3507.94	sheen	18.16	0.00	3489.78
MW - 6	03/08/05	3507.94	sheen	18.16	0.00	3489.78
MW - 6	03/11/05	3507.94	sheen	18.20	0.00	3489.74
MW - 6	03/15/05	3507.94	sheen	18.18	0.00	3489.76
MW - 6	03/18/05	3507.94	sheen	18.17	0.00	3489.77
MW - 6	03/22/05	3507.94	sheen	18.17	0.00	3489.77
MW - 6	03/28/05	3507.94	sheen	18.04	0.00	3489.90
MW - 6	04/01/05	3507.94	sheen	19.36	0.00	3488.58
MW - 6	04/05/05	3507.94	sheen	18.00	0.00	3489.94
MW - 6	04/08/05	3507.94	sheen	18.01	0.00	3489.93
MW - 6	04/12/05	3507.94	sheen	17.97	0.00	3489.97
MW - 6	04/15/05	3507.94	sheen	17.97	0.00	3489.97
MW - 6	05/25/05	3507.94	sheen	17.76	0.00	3490.18
MW - 6	05/27/05	3507.94	sheen	17.75	0.00	3490.19
MW - 6	05/31/05	3507.94	sheen	17.73	0.00	3490.21
MW - 6	06/03/05	3507.94	sheen	17.72	0.00	3490.22
MW - 6	06/06/05	3507.94	sheen	17.72	0.00	3490.22
MW - 6	06/08/05	3507.94	sheen	17.72	0.00	3490.22
MW - 6	06/13/05	3507.94	sheen	17.71	0.00	3490.23
MW - 6	06/20/05	3507.94	sheen	17.74	0.00	3490.20
MW - 6	06/24/05	3507.94	sheen	17.76	0.00	3490.18

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	06/27/05	3507.94	sheen	17.79	0.00	3490.15
MW - 6	07/11/05	3507.94	sheen	17.95	0.00	3489.99
MW - 6	07/15/05	3507.94	sheen	18.00	0.00	3489.94
MW - 6	07/18/05	3507.94	sheen	18.04	0.00	3489.90
MW - 6	07/21/05	3507.94	sheen	18.06	0.00	3489.88
MW - 6	07/25/05	3507.94	sheen	18.14	0.00	3489.80
MW - 6	08/01/05	3507.94	sheen	18.17	0.00	3489.77
MW - 6	08/04/05	3507.94	sheen	18.19	0.00	3489.75
MW - 6	08/12/05	3507.94	18.22	18.25	0.03	3489.72
MW - 6	08/15/05	3507.94	18.21	18.24	0.03	3489.73
MW - 6	08/23/05	3507.94	18.04	18.06	0.02	3489.90
MW - 6	08/30/05	3507.94	17.97	18.02	0.05	3489.96
MW - 6	09/06/05	3507.94	17.91	17.96	0.05	3490.02
MW - 6	09/13/05	3507.94	17.94	18.03	0.09	3489.99
MW - 6	09/15/05	3507.94	17.96	18.04	0.08	3489.97
MW - 6	09/19/05	3507.94	17.97	18.15	0.18	3489.94
MW - 6	09/27/05	3507.94	18.05	18.07	0.02	3489.89
MW - 6	10/03/05	3507.94	18.03	18.23	0.20	3489.88
MW - 6	10/08/05	3507.94	17.81	17.96	0.15	3490.11
MW - 6	10/10/05	3507.94	18.00	18.25	0.25	3489.90
MW - 6	10/17/05	3507.94	17.95	18.10	0.15	3489.97
MW - 6	10/24/05	3507.94	17.96	18.06	0.10	3489.97
MW - 6	10/31/05	3507.94	17.86	17.91	0.05	3490.07
MW - 6	11/15/05	3507.94	17.98	18.11	0.13	3489.94
MW - 6	11/22/05	3507.94	17.96	18.06	0.10	3489.97
MW - 6	11/27/05	3507.94	17.80	18.14	0.34	3490.09
MW - 6	12/07/05	3507.94	17.82	17.91	0.09	3490.11
MW - 6	12/12/05	3507.94	17.72	17.94	0.22	3490.19
MW - 6	12/16/05	3507.94	17.72	17.90	0.18	3490.19
MW - 6	12/22/05	3507.94	17.77	17.95	0.18	3490.14
MW - 6	12/27/05	3507.94	17.79	17.90	0.11	3490.13
MW - 6	01/03/06	3507.94	17.78	17.88	0.10	3490.15
MW - 6	01/09/06	3507.94	17.80	18.10	0.30	3490.10
MW - 6	01/16/06	3507.94	17.74	17.99	0.25	3490.16
MW - 6	01/23/06	3507.94	17.84	18.10	0.26	3490.06
MW - 6	01/30/06	3507.94	17.78	18.08	0.30	3490.12
MW - 6	02/06/06	3507.94	17.75	18.08	0.33	3490.14
MW - 6	02/14/06	3507.94	17.72	17.97	0.25	3490.18
MW - 6	02/21/06	3507.94	17.72	17.73	0.01	3490.22
MW - 6	03/01/06	3507.94	17.70	17.75	0.05	3490.23
MW - 6	03/06/06	3507.94	17.72	17.90	0.18	3490.19
MW - 6	03/15/06	3507.94	17.72	17.97	0.25	3490.18
MW - 6	03/16/06	3507.94	17.74	18.48	0.74	3490.09
MW - 6	03/21/06	3507.94	17.73	18.05	0.32	3490.16
MW - 6	03/28/06	3507.94	17.78	18.00	0.22	3490.13
MW - 6	04/03/06	3507.94	17.67	17.90	0.23	3490.24
MW - 6	04/10/06	3507.94	17.34	17.64	0.30	3490.56
MW - 6	04/17/06	3507.94	17.67	17.94	0.27	3490.23
MW - 6	05/01/06	3507.94	17.65	17.79	0.14	3490.27
MW - 6	05/08/06	3507.94	17.67	17.81	0.14	3490.25
MW - 6	05/15/06	3507.94	17.73	17.94	0.21	3490.18
MW - 6	05/30/06	3507.94	17.91	18.41	0.50	3489.96
MW - 6	06/05/06	3507.94	18.04	19.09	1.05	3489.74
MW - 6	06/12/06	3507.94	18.14	18.74	0.60	3489.71

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	06/15/06	3507.94	18.19	18.69	0.50	3489.68
MW - 6	06/19/06	3507.94	18.27	19.07	0.80	3489.55
MW - 6	07/03/06	3507.94	18.37	18.76	0.39	3489.51
MW - 6	07/10/06	3507.94	18.43	18.70	0.27	3489.47
MW - 6	07/17/06	3507.94	17.96	18.48	0.52	3489.90
MW - 6	07/26/06	3507.94	18.40	18.63	0.23	3489.51
MW - 6	07/31/06	3507.94	18.41	18.62	0.21	3489.50
MW - 6	08/07/06	3507.94	18.44	18.64	0.20	3489.47
MW - 6	08/17/06	3507.94	18.39	18.67	0.28	3489.51
MW - 6	08/21/06	3507.94	18.34	18.35	0.01	3489.60
MW - 6	09/06/06	3507.94	18.07	18.12	0.05	3489.86
MW - 6	09/11/06	3507.94	18.04	18.20	0.16	3489.88
MW - 6	09/18/06	3507.94	18.01	18.07	0.06	3489.92
MW - 6	09/25/06	3507.94	18.02	18.20	0.18	3489.89
MW - 6	10/02/06	3507.94	18.18	18.21	0.03	3489.76
MW - 6	10/09/06	3507.94	18.05	18.35	0.30	3489.85
MW - 6	10/17/06	3507.94	18.05	18.25	0.20	3489.86
MW - 6	10/23/06	3507.94	18.03	18.16	0.13	3489.89
MW - 6	10/30/06	3507.94	18.01	18.14	0.13	3489.91
MW - 6	11/06/06	3507.94	18.00	18.10	0.10	3489.93
MW - 6	11/13/06	3507.94	17.96	18.15	0.19	3489.95
MW - 6	11/20/06	3507.94	17.99	18.18	0.19	3489.92
MW - 6	11/27/06	3507.94	17.93	18.12	0.19	3489.98
MW - 6	11/30/06	3507.94	17.98	18.10	0.12	3489.94
MW - 6	12/04/06	3507.94	17.98	18.37	0.39	3489.90
MW - 6	12/12/06	3507.94	17.95	18.36	0.41	3489.93
MW - 6	12/18/06	3507.94	17.90	18.10	0.20	3490.01
MW - 6	01/02/07	3507.94	17.93	18.05	0.12	3489.99
MW - 6	01/11/07	3507.94	17.87	17.95	0.08	3490.06
MW - 6	01/18/07	3507.94	17.95	18.10	0.15	3489.97
MW - 6	01/22/07	3507.94	17.86	17.94	0.08	3490.07
MW - 6	02/05/07	3507.94	17.89	18.35	0.46	3489.98
MW - 6	02/12/07	3507.94	17.80	18.02	0.22	3490.11
MW - 6	02/19/07	3507.94	17.81	17.91	0.10	3490.12
MW - 6	02/27/07	3507.94	17.83	18.28	0.45	3490.04
MW - 6	03/05/07	3507.94	17.84	18.50	0.66	3490.00
MW - 6	03/12/07	3507.94	17.75	18.32	0.57	3490.10
MW - 6	03/19/07	3507.94	17.83	17.95	0.12	3490.09
MW - 6	04/02/07	3507.94	17.79	18.02	0.23	3490.12
MW - 6	04/09/07	3507.94	17.71	17.89	0.18	3490.20
MW - 6	05/01/07	3507.94	17.72	18.31	0.59	3490.13
MW - 6	05/12/07	3507.94	17.75	18.28	0.53	3490.11
MW - 6	05/17/07	3507.94	17.63	17.81	0.18	3490.28
MW - 6	05/21/07	3507.94	17.58	17.68	0.10	3490.35
MW - 6	05/22/07	3507.94	17.58	17.68	0.10	3490.35
MW - 6	06/01/07	3507.94	17.60	17.70	0.10	3490.33
MW - 6	06/06/07	3507.94	17.61	17.64	0.03	3490.33
MW - 6	06/11/07	3507.94	17.69	18.49	0.80	3490.13
MW - 6	06/19/07	3507.94	17.76	17.87	0.11	3490.16
MW - 6	06/25/07	3507.94	17.84	18.02	0.18	3490.07
MW - 6	07/03/07	3507.94	17.96	18.49	0.53	3489.90
MW - 6	07/23/07	3507.94	18.19	18.43	0.24	3489.71
MW - 6	07/31/07	3507.94	18.27	18.44	0.17	3489.64
MW - 6	08/14/07	3507.94	18.34	18.55	0.21	3489.57

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	08/15/07	3507.94	18.36	18.91	0.55	3489.50
MW - 6	08/25/07	3507.94	18.42	18.61	0.19	3489.49
MW - 6	09/05/07	3507.94	18.48	18.68	0.20	3489.43
MW - 6	09/10/07	3507.94	18.47	18.61	0.14	3489.45
MW - 6	09/17/07	3507.94	18.23	18.30	0.07	3489.70
MW - 6	09/24/07	3507.94	18.13	18.19	0.06	3489.80
MW - 6	11/05/07	3507.94	18.12	18.23	0.11	3489.80
MW - 6	11/06/07	3507.94	18.19	18.71	0.52	3489.67
MW - 6	11/12/07	3507.94	18.12	18.26	0.14	3489.80
MW - 6	11/19/07	3507.94	18.15	18.25	0.10	3489.78
MW - 6	11/30/07	3507.94	18.12	18.74	0.62	3489.73
MW - 6	12/03/07	3507.94	18.11	18.18	0.07	3489.82
MW - 6	12/14/07	3507.94	18.08	18.13	0.05	3489.85
MW - 6	12/17/07	3507.94	18.10	18.13	0.03	3489.84
MW - 6	01/09/08	3507.94	17.90	18.16	0.26	3490.00
MW - 6	01/16/08	3507.94	18.04	18.30	0.26	3489.86
MW - 6	01/21/08	3507.94	18.01	18.38	0.37	3489.87
MW - 6	01/30/08	3507.94	18.00	18.04	0.04	3489.93
MW - 6	02/08/08	3507.94	18.00	18.04	0.04	3489.93
MW - 6	02/12/08	3507.94	18.00	18.04	0.04	3489.93
MW - 6	02/14/08	3507.94	17.99	18.02	0.03	3489.95
MW - 6	02/20/08	3507.94	18.00	18.03	0.03	3489.94
MW - 6	02/28/08	3507.94	17.98	17.99	0.01	3489.96
MW - 6	03/05/08	3507.94	17.98	18.01	0.03	3489.96
MW - 6	03/13/08	3507.94	17.96	18.04	0.08	3489.97
MW - 6	03/19/08	3507.94	17.97	18.09	0.12	3489.95
MW - 6	03/24/08	3507.94	17.94	18.02	0.08	3489.99
MW - 6	04/02/08	3507.94	17.94	18.10	0.16	3489.98
MW - 6	04/07/08	3507.94	17.94	18.04	0.10	3489.99
MW - 6	04/14/08	3507.94	17.94	18.03	0.09	3489.99
MW - 6	04/23/08	3507.94	17.93	18.01	0.08	3490.00
MW - 6	05/07/08	3507.94	17.94	18.09	0.15	3489.98
MW - 6	05/13/08	3507.94	17.94	18.09	0.15	3489.98
MW - 6	05/14/08	3507.94	17.93	18.00	0.07	3490.00
MW - 6	05/19/08	3507.94	17.92	17.98	0.06	3490.01
MW - 6	06/09/08	3507.94	18.22	18.47	0.25	3489.68
MW - 6	06/16/08	3507.94	17.95	18.12	0.17	3489.96
MW - 6	06/23/08	3507.94	17.52	18.88	1.36	3490.22
MW - 6	06/30/08	3507.94	18.52	18.82	0.30	3489.38
MW - 6	07/14/08	3507.94	18.58	18.76	0.18	3489.33
MW - 6	07/22/08	3507.94	18.62	18.76	0.14	3489.30
MW - 6	08/04/08	3507.94	18.98	19.12	0.14	3488.94
MW - 6	08/11/08	3507.94	18.74	18.80	0.06	3489.19
MW - 6	08/14/08	3507.94	18.75	18.98	0.23	3489.16
MW - 6	08/18/08	3507.94	18.76	18.84	0.08	3489.17
MW - 6	08/28/08	3507.94	18.69	18.75	0.06	3489.24
MW - 6	09/17/08	3507.94	18.45	18.65	0.20	3489.46
MW - 6	09/29/08	3507.94	18.35	18.40	0.05	3489.58
MW - 6	10/06/08	3507.94	18.39	18.45	0.06	3489.54
MW - 6	10/13/08	3507.94	18.44	18.57	0.13	3489.48
MW - 6	10/20/08	3507.94	18.41	18.43	0.02	3489.53
MW - 6	10/29/08	3507.94	18.23	18.30	0.07	3489.70
MW - 6	10/30/08	3507.94	18.33	18.34	0.01	3489.61
MW - 6	11/06/08	3507.94	sheen	18.30	0.00	3489.64

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	11/12/08	3507.94	sheen	18.29	0.00	3489.65
MW - 6	11/13/08	3507.94	sheen	18.25	0.00	3489.69
MW - 6	12/16/08	3507.94	sheen	18.23	0.00	3489.71
MW - 6	12/19/08	3507.94	18.21	18.22	0.01	3489.73
MW - 6	12/22/08	3507.94	sheen	18.16	0.00	3489.78
MW - 6	01/06/09	3507.94	-	18.21	0.00	3489.73
MW - 6	01/12/09	3507.94	-	18.19	0.00	3489.75
MW - 6	01/19/09	3507.94	-	18.21	0.00	3489.73
MW - 6	01/26/09	3507.94	-	18.21	0.00	3489.73
MW - 6	02/10/09	3507.94	-	18.15	0.00	3489.79
MW - 6	02/13/09	3507.94	-	18.17	0.00	3489.77
MW - 6	02/16/09	3507.94	-	18.14	0.00	3489.80
MW - 6	02/24/09	3507.94	-	18.13	0.00	3489.81
MW - 6	03/02/09	3507.94	-	18.22	0.00	3489.72
MW - 6	03/05/09	3507.94	-	18.20	0.00	3489.74
MW - 6	03/09/09	3507.94	-	18.12	0.00	3489.82
MW - 6	03/16/09	3507.94	-	18.15	0.00	3489.79
MW - 6	03/19/09	3507.94	-	18.24	0.00	3489.70
MW - 6	03/25/09	3507.94	-	18.26	0.00	3489.68
MW - 6	03/30/09	3507.94	-	18.27	0.00	3489.67
MW - 6	04/13/09	3507.94	-	18.09	0.00	3489.85
MW - 6	04/16/09	3507.94	-	18.28	0.00	3489.66
MW - 6	04/21/09	3507.94	-	18.25	0.00	3489.69
MW - 6	04/27/09	3507.94	-	18.10	0.00	3489.84
MW - 6	04/30/09	3507.94	-	18.25	0.00	3489.69
MW - 6	05/06/09	3507.94	-	18.27	0.00	3489.67
MW - 6	05/12/09	3507.94	-	18.08	0.00	3489.86
MW - 6	05/19/09	3507.94	-	18.17	0.00	3489.77
MW - 6	05/26/09	3507.94	-	18.22	0.00	3489.72
MW - 6	06/01/09	3507.94	-	18.32	0.00	3489.62
MW - 6	06/12/09	3507.94	-	18.40	0.00	3489.54
MW - 6	06/15/09	3507.94	-	18.43	0.00	3489.51
MW - 6	06/22/09	3507.94	-	18.54	0.00	3489.40
MW - 6	06/24/09	3507.94	-	18.53	0.00	3489.41
MW - 6	06/29/09	3507.94	-	18.63	0.00	3489.31
MW - 6	07/06/09	3507.94	-	18.68	0.00	3489.26
MW - 6	07/09/09	3507.94	-	18.19	0.00	3489.75
MW - 6	07/13/09	3507.94	-	18.21	0.00	3489.73
MW - 6	07/20/09	3507.94	-	18.22	0.00	3489.72
MW - 6	07/23/09	3507.94	-	18.81	0.00	3489.13
MW - 6	07/27/09	3507.94	-	18.83	0.00	3489.11
MW - 6	07/29/09	3507.94	-	18.77	0.00	3489.17
MW - 6	08/03/09	3507.94	-	18.69	0.00	3489.25
MW - 6	08/10/09	3507.94	-	18.78	0.00	3489.16
MW - 6	08/10/09	3507.94	-	18.78	0.00	3489.16
MW - 6	08/18/09	3507.94	-	18.86	0.00	3489.08
MW - 6	08/24/09	3507.94	-	18.95	0.00	3488.99
MW - 6	08/28/09	3507.94	-	18.90	0.00	3489.04
MW - 6	08/31/09	3507.94	-	19.03	0.00	3488.91
MW - 6	09/02/09	3507.94	-	18.74	0.00	3489.20
MW - 6	09/08/09	3507.94	-	19.04	0.00	3488.90
MW - 6	09/10/09	3507.94	-	18.95	0.00	3488.99
MW - 6	09/16/09	3507.94	-	18.96	0.00	3488.98
MW - 6	09/18/09	3507.94	-	18.83	0.00	3489.11

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	09/22/09	3507.94	-	19.00	0.00	3488.94
MW - 6	09/28/09	3507.94	-	18.92	0.00	3489.02
MW - 6	10/09/09	3507.94	-	19.02	0.00	3488.92
MW - 6	10/12/09	3507.94	-	18.23	0.00	3489.71
MW - 6	10/20/09	3507.94	-	19.14	0.00	3488.80
MW - 6	10/26/09	3507.94	-	18.25	0.00	3489.69
MW - 6	10/28/09	3507.94	-	19.10	0.00	3488.84
MW - 6	11/03/09	3507.94	-	19.02	0.00	3488.92
MW - 6	11/12/09	3507.94	-	19.01	0.00	3488.93
MW - 6	11/18/09	3507.94	-	19.02	0.00	3488.92
MW - 6	12/03/09	3507.94	sheen	19.00	0.00	3488.94
MW - 6	12/11/09	3507.94	sheen	19.00	0.00	3488.94
MW - 6	12/16/09	3507.94	sheen	18.92	0.00	3489.02
MW - 6	12/21/09	3507.94	sheen	18.99	0.00	3488.95
MW - 6	12/28/09	3507.94	sheen	19.04	0.00	3488.90
MW - 6	01/04/10	3507.94	sheen	18.94	0.00	3489.00
MW - 6	01/14/10	3507.94	sheen	18.95	0.00	3488.99
MW - 6	01/20/10	3507.94	sheen	18.80	0.00	3489.14
MW - 6	01/25/10	3507.94	sheen	18.81	0.00	3489.13
MW - 6	01/27/10	3507.94	sheen	18.80	0.00	3489.14
MW - 6	02/01/10	3507.94	sheen	18.79	0.00	3489.15
MW - 6	02/08/10	3507.94	sheen	17.87	0.00	3490.07
MW - 6	02/09/10	3507.94	sheen	18.82	0.00	3489.12
MW - 6	02/19/10	3507.94	sheen	18.72	0.00	3489.22
MW - 6	02/26/10	3507.94	sheen	18.74	0.00	3489.20
MW - 6	03/01/10	3507.94	sheen	19.26	0.00	3488.68
MW - 6	03/04/10	3507.94	sheen	18.70	0.00	3489.24
MW - 6	03/08/10	3507.94	sheen	18.72	0.00	3489.22
MW - 6	03/11/10	3507.94	sheen	18.58	0.00	3489.36
MW - 6	03/15/10	3507.94	sheen	18.67	0.00	3489.27
MW - 6	03/17/10	3507.94	sheen	18.55	0.00	3489.39
MW - 6	03/22/10	3507.94	sheen	18.51	0.00	3489.43
MW - 6	03/29/10	3507.94	sheen	18.46	0.00	3489.48
MW - 6	04/05/10	3507.94	sheen	18.54	0.00	3489.40
MW - 6	04/14/10	3507.94	sheen	18.49	0.00	3489.45
MW - 6	04/16/10	3507.94	sheen	18.42	0.00	3489.52
MW - 6	04/19/10	3507.94	sheen	18.48	0.00	3489.46
MW - 6	04/28/10	3507.94	sheen	18.45	0.00	3489.49
MW - 6	05/05/10	3507.94	sheen	18.42	0.00	3489.52
MW - 6	05/12/10	3507.94	sheen	18.43	0.00	3489.51
MW - 6	05/14/10	3507.94	sheen	18.44	0.00	3489.50
MW - 6	05/21/10	3507.94	sheen	18.45	0.00	3489.49
MW - 6	05/26/10	3507.94	sheen	18.41	0.00	3489.53
MW - 6	06/04/10	3507.94	sheen	18.47	0.00	3489.47
MW - 6	06/07/10	3507.94	sheen	18.63	0.00	3489.31
MW - 6	06/12/10	3507.94	sheen	18.66	0.00	3489.28
MW - 6	06/24/10	3507.94	sheen	18.81	0.00	3489.13
MW - 6	06/30/10	3507.94	sheen	18.90	0.00	3489.04
MW - 6	07/07/10	3507.94	sheen	18.56	0.00	3489.38
MW - 6	07/12/10	3507.94	sheen	18.30	0.00	3489.64
MW - 6	07/19/10	3507.94	sheen	18.18	0.00	3489.76
MW - 6	08/03/10	3507.94	sheen	18.11	0.00	3489.83
MW - 6	08/11/10	3507.94	sheen	18.12	0.00	3489.82
MW - 6	08/19/10	3507.94	sheen	18.15	0.00	3489.79

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	08/25/10	3507.94	sheen	18.20	0.00	3489.74
MW - 6	09/01/10	3507.94	sheen	18.24	0.00	3489.70
MW - 6	09/09/10	3507.94	sheen	18.33	0.00	3489.61
MW - 6	09/13/10	3507.94	sheen	18.13	0.00	3489.81
MW - 6	09/29/10	3507.94	sheen	18.42	0.00	3489.52
MW - 6	10/05/10	3507.94	sheen	18.13	0.00	3489.81
MW - 6	10/20/10	3507.94	sheen	19.52	0.00	3488.42
MW - 6	10/25/10	3507.94	sheen	19.51	0.00	3488.43
MW - 6	11/03/10	3507.94	sheen	18.27	0.00	3489.67
MW - 6	11/10/10	3507.94	sheen	18.33	0.00	3489.61
MW - 6	11/11/10	3507.94	sheen	18.33	0.00	3489.61
MW - 6	12/09/10	3507.94	sheen	18.16	0.00	3489.78
MW - 6	01/18/11	3507.94	sheen	18.34	0.00	3489.60
MW - 6	02/16/11	3507.94	sheen	18.35	0.00	3489.59
MW - 6	03/01/11	3507.94	sheen	18.40	0.00	3489.54
MW - 6	03/07/11	3507.94	sheen	18.35	0.00	3489.59
MW - 6	03/22/11	3507.94	sheen	18.34	0.00	3489.60
MW - 6	04/27/11	3507.94	sheen	18.35	0.00	3489.59
MW - 6	05/05/11	3507.94	sheen	18.42	0.00	3489.52
MW - 6	05/10/11	3507.94	sheen	18.37	0.00	3489.57
MW - 6	05/17/11	3507.94	sheen	18.41	0.00	3489.53
MW - 6	05/24/11	3507.94	sheen	18.59	0.00	3489.35
MW - 6	05/29/11	3507.94	sheen	18.41	0.00	3489.53
MW - 6	06/07/11	3507.94	sheen	18.69	0.00	3489.25
MW - 6	06/08/11	3507.94	sheen	18.72	0.00	3489.22
MW - 6	06/14/11	3507.94	sheen	18.63	0.00	3489.31
MW - 6	06/23/11	3507.94	sheen	18.68	0.00	3489.26
MW - 6	06/28/11	3507.94	sheen	18.73	0.00	3489.21
MW - 6	07/06/11	3507.94	sheen	18.83	0.00	3489.11
MW - 6	07/14/11	3507.94	sheen	18.91	0.00	3489.03
MW - 6	07/20/11	3507.94	-	19.02	0.00	3488.92
MW - 6	07/27/11	3507.94	-	19.06	0.00	3488.88
MW - 6	08/03/11	3507.94	-	19.07	0.00	3488.87
MW - 6	08/10/11	3507.94	-	19.13	0.00	3488.81
MW - 6	08/18/11	3507.94	-	19.11	0.00	3488.83
MW - 6	08/25/11	3507.94	-	19.12	0.00	3488.82
MW - 6	09/07/11	3507.94	-	19.24	0.00	3488.70
MW - 6	09/14/11	3507.94	-	19.26	0.00	3488.68
MW - 6	11/14/11	3507.94	-	19.10	0.00	3488.84
MW - 6	12/01/11	3507.94	-	19.04	0.00	3488.90
MW - 6	12/08/11	3507.94	-	19.04	0.00	3488.90
MW - 6	12/14/11	3507.94	-	19.03	0.00	3488.91
MW - 6	01/12/12	3507.94	-	18.92	0.00	3489.02
MW - 6	01/19/12	3507.94	-	18.90	0.00	3489.04
MW - 6	02/03/12	3507.94	-	18.88	0.00	3489.06
MW - 6	02/29/12	3507.94	-	18.77	0.00	3489.17
MW - 6	03/14/12	3507.94	-	18.72	0.00	3489.22
MW - 6	03/19/12	3507.94	-	18.72	0.00	3489.22
MW - 6	03/29/12	3507.94	-	18.70	0.00	3489.24
MW - 6	04/05/12	3507.94	-	18.66	0.00	3489.28
MW - 6	04/18/12	3507.94	-	18.62	0.00	3489.32
MW - 6	04/27/12	3507.94	-	18.66	0.00	3489.28
MW - 6	05/02/12	3507.94	-	18.70	0.00	3489.24
MW - 6	05/31/12	3507.94	-	18.66	0.00	3489.28

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	06/08/12	3507.94	-	19.63	0.00	3488.31
MW - 6	06/12/12	3507.94	-	18.76	0.00	3489.18
MW - 6	06/21/12	3507.94	-	18.76	0.00	3489.18
MW - 6	06/29/12	3507.94	-	18.83	0.00	3489.11
MW - 6	07/13/12	3507.94	-	19.02	0.00	3488.92
MW - 6	12/06/12	3507.94	19.02	19.11	0.09	3488.91
MW - 6	12/11/12	3507.94	19.02	19.14	0.12	3488.90
MW - 6	12/18/12	3507.94	19.01	19.07	0.06	3488.92
MW - 6	01/09/13	3507.94	18.98	19.09	0.11	3488.94
MW - 6	01/15/13	3507.94	-	20.65	0.00	3487.29
MW - 6	01/23/13	3507.94	18.95	19.06	0.11	3488.97
MW - 6	01/29/13	3507.94	18.93	19.02	0.09	3489.00
MW - 6	02/07/13	3507.94	18.93	19.03	0.10	3489.00
MW - 6	02/13/13	3507.94	18.90	18.97	0.07	3489.03
MW - 6	02/20/13	3507.94	18.90	19.00	0.10	3489.03
MW - 6	03/15/13	3507.94	18.89	19.08	0.19	3489.02
MW - 6	03/19/13	3507.94	18.86	18.99	0.13	3489.06
MW - 6	04/02/13	3507.94	18.82	18.99	0.17	3489.09
MW - 6	04/09/13	3507.94	18.79	18.86	0.07	3489.14
MW - 6	04/16/13	3507.94	18.77	18.85	0.08	3489.16
MW - 6	04/23/13	3507.94	18.80	18.91	0.11	3489.12
MW - 6	04/30/13	3507.94	18.78	20.37	1.59	3488.92
MW - 6	05/08/13	3507.94	18.77	18.96	0.19	3489.14
MW - 6	05/14/13	3507.94	18.75	18.79	0.04	3489.18
MW - 6	05/22/13	3507.94	18.98	19.73	0.75	3488.85
MW - 6	05/28/13	3507.94	18.76	18.80	0.04	3489.17
MW - 6	06/04/13	3507.94	18.81	18.84	0.03	3489.13
MW - 6	06/11/13	3507.94	18.86	18.95	0.09	3489.07
MW - 6	06/19/13	3507.94	19.04	19.14	0.10	3488.89
MW - 6	06/28/13	3507.94	19.03	19.40	0.37	3488.85
MW - 6	07/01/13	3507.94	19.10	19.14	0.04	3488.83
MW - 6	07/08/13	3507.94	19.34	19.55	0.21	3488.57
MW - 6	07/23/13	3507.94	19.19	19.25	0.06	3488.74
MW - 6	07/30/13	3507.94	19.12	19.31	0.19	3488.79
MW - 6	08/05/13	3507.94	19.08	19.12	0.04	3488.85
MW - 6	08/12/13	3507.94	19.14	19.75	0.61	3488.71
MW - 6	08/22/13	3507.94	19.23	20.61	1.38	3488.50
MW - 6	08/29/13	3507.94	19.30	19.99	0.69	3488.54
MW - 6	09/05/13	3507.94	19.33	19.71	0.38	3488.55
MW - 6	09/10/13	3507.94	19.40	19.43	0.03	3488.54
MW - 6	09/17/13	3507.94	19.43	19.55	0.12	3488.49
MW - 6	09/24/13	3507.94	19.43	19.47	0.04	3488.50
MW - 6	10/07/13	3507.94	19.50	19.60	0.10	3488.43
MW - 6	11/14/13	-	22.23	22.35	0.12	-
MW - 6	11/21/13	-	22.23	22.50	0.27	-
MW - 6	12/12/13	-	22.15	22.53	0.38	-
MW - 6	12/19/13	-	22.10	22.22	0.12	-
MW - 6	01/03/14	-	22.09	22.26	0.17	-
MW - 6	01/09/14	-	22.10	22.31	0.21	-
MW - 6	01/13/14	-	22.09	22.28	0.19	-
MW - 6	01/21/14	-	22.06	22.25	0.19	-
MW - 6	01/24/14	-	22.09	22.27	0.18	-
MW - 6	02/04/14	3512.05	22.04	22.16	0.12	3489.99
MW - 6	02/10/14	3512.05	22.08	22.21	0.13	3489.95

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	02/27/14	3512.05	21.97	22.23	0.26	3490.04
MW - 6	03/17/14	3512.05	21.93	21.96	0.03	3490.12
MW - 6	03/27/14	3512.05	21.92	22.15	0.23	3490.10
MW - 6	04/02/14	3512.05	21.92	21.96	0.04	3490.12
MW - 6	04/16/14	3512.05	21.88	22.01	0.13	3490.15
MW - 6	04/22/14	3512.05	21.87	22.90	1.03	3490.03
MW - 6	04/28/14	3512.05	21.88	21.99	0.11	3490.15
MW - 6	05/06/14	3512.05	21.85	22.40	0.55	3490.12
MW - 6	05/13/14	3512.05	21.95	22.15	0.20	3490.07
MW - 6	05/14/14	3512.05	21.89	21.96	0.07	3490.15
MW - 6	05/21/14	3512.05	21.92	22.78	0.86	3490.00
MW - 6	06/05/14	3512.05	22.07	23.00	0.93	3489.84
MW - 6	06/11/14	3512.05	22.10	22.90	0.80	3489.83
MW - 6	06/16/14	3512.05	22.17	22.50	0.33	3489.83
MW - 6	06/24/14	3512.05	22.28	23.00	0.72	3489.66
MW - 6	07/01/14	3512.05	22.33	22.78	0.45	3489.65
MW - 6	07/08/14	3512.05	22.38	22.43	0.05	3489.66
MW - 6	07/15/14	3512.05	22.44	22.89	0.45	3489.54
MW - 6	07/22/14	3512.05	22.53	23.50	0.97	3489.37
MW - 6	07/23/14	3512.05	22.53	23.50	0.97	3489.37
MW - 6	07/31/14	3512.05	22.61	23.99	1.38	3489.23
MW - 6	08/05/14	3512.05	22.62	22.65	0.03	3489.43
MW - 6	08/07/14	3512.05	22.57	22.95	0.38	3489.42
MW - 6	08/15/14	3512.05	22.60	23.17	0.57	3489.36
MW - 6	08/20/14	3512.05	22.62	22.91	0.29	3489.39
MW - 6	08/27/14	3512.05	22.65	23.37	0.72	3489.29
MW - 6	09/24/14	3512.05	22.08	22.82	0.74	3489.86
MW - 6	10/01/14	3512.05	21.69	21.83	0.14	3490.34
MW - 6	10/07/14	3512.05	-	21.60	0.00	3490.45
MW - 6	10/14/14	3512.05	-	21.55	0.00	3490.50
MW - 6	10/20/14	3512.05	-	21.53	0.00	3490.52
MW - 6	10/27/14	3512.05	-	21.51	0.00	3490.54
MW - 6	10/28/14	3512.05	-	19.51	0.00	3492.54
MW - 6	11/11/14	3512.05	21.50	21.60	0.10	3490.54
MW - 6	11/19/14	3512.05	21.45	21.91	0.46	3490.53
MW - 6	12/08/14	3512.05	21.45	21.85	0.40	3490.54
MW - 6	12/15/14	3512.05	21.45	21.66	0.21	3490.57
MW - 6	12/18/14	3512.05	21.43	21.80	0.37	3490.56
MW - 6	12/22/14	3512.05	21.43	21.80	0.37	3490.56
MW - 6	12/29/14	3512.05	21.44	21.56	0.12	3490.59
MW - 6	01/05/15	3512.05	21.44	21.58	0.14	3490.59
MW - 6	01/12/15	3512.05	21.46	21.56	0.10	3490.58
MW - 6	01/19/15	3512.05	21.42	21.64	0.22	3490.60
MW - 6	02/04/15	3512.05	21.42	22.11	0.69	3490.53
MW - 6	02/09/15	3512.05	21.42	21.90	0.48	3490.56
MW - 6	02/19/15	3512.05	21.41	21.47	0.06	3490.63
MW - 6	03/03/15	3512.05	21.40	21.68	0.28	3490.61
MW - 6	03/09/15	3512.05	21.40	21.93	0.53	3490.57
MW - 6	03/16/15	3512.05	21.37	21.46	0.09	3490.67
MW - 6	03/20/15	3512.05	21.42	22.11	0.69	3490.53
MW - 6	03/23/15	3512.05	21.38	21.44	0.06	3490.66
MW - 6	03/30/15	3512.05	-	21.38	0.00	3490.67
MW - 6	04/04/15	3512.05	-	21.41	0.00	3490.64
MW - 6	04/07/15	3512.05	-	21.40	0.00	3490.65

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	04/14/15	3512.05	-	21.37	0.00	3490.68
MW - 6	04/20/15	3512.05	-	21.34	0.00	3490.71
MW - 6	04/27/15	3512.05	-	21.34	0.00	3490.71
MW - 6	05/07/15	3512.05	-	21.33	0.00	3490.72
MW - 6	05/11/15	3512.05	-	21.33	0.00	3490.72
MW - 6	05/21/15	3512.05	-	21.31	0.00	3490.74
MW - 6	05/27/15	3512.05	-	21.29	0.00	3490.76
MW - 6	05/28/15	3512.05	-	21.30	0.00	3490.75
MW - 6	06/03/15	3512.05	-	21.29	0.00	3490.76
MW - 6	06/08/15	3512.05	-	21.30	0.00	3490.75
MW - 6	06/15/15	3512.05	-	21.32	0.00	3490.73
MW - 6	06/25/15	3512.05	21.23	21.26	0.03	3490.82
MW - 6	06/29/15	3512.05	21.25	21.30	0.05	3490.79
MW - 6	07/08/15	3512.05	21.32	21.35	0.03	3490.73
MW - 6	07/09/15	3512.05	-	21.33	0.00	3490.72
MW - 6	07/14/15	3512.05	21.37	21.45	0.08	3490.67
MW - 6	07/20/15	3512.05	-	21.55	0.00	3490.50
MW - 6	07/28/15	3512.05	-	21.62	0.00	3490.43
MW - 6	08/03/15	3512.05	-	21.66	0.00	3490.39
MW - 6	08/04/15	3512.05	-	21.57	0.00	3490.48
MW - 6	08/04/15	3512.05	-	21.63	0.00	3490.42
MW - 6	08/10/15	3512.05	-	21.68	0.00	3490.37
MW - 6	08/17/15	3512.05	21.71	21.72	0.01	3490.34
MW - 6	08/25/15	3512.05	-	21.74	0.00	3490.31
MW - 6	08/31/15	3512.05	-	21.78	0.00	3490.27
MW - 6	09/08/15	3512.05	21.76	21.80	0.04	3490.28
MW - 6	09/15/15	3512.05	-	21.80	0.00	3490.25
MW - 6	09/24/15	3512.05	-	21.89	0.00	3490.16
MW - 6	09/28/15	3512.05	-	21.84	0.00	3490.21
MW - 6	10/06/15	3512.05	-	21.85	0.00	3490.20
MW - 6	10/12/15	3512.05	-	21.79	0.00	3490.26
MW - 6	10/26/15	3512.05	-	21.76	0.00	3490.29
MW - 6	11/06/15	3512.05	-	21.57	0.00	3490.48
MW - 6	11/10/15	3512.05	-	21.53	0.00	3490.52
MW - 6	11/18/15	3512.05	-	21.51	0.00	3490.54
MW - 6	12/02/15	3512.05	-	21.44	0.00	3490.61
MW - 6	12/07/15	3512.05	-	21.42	0.00	3490.63
MW - 6	12/14/15	3512.05	-	21.42	0.00	3490.63
MW - 6	01/05/16	3512.05	-	21.37	0.00	3490.68
MW - 6	01/08/16	3512.05	-	21.37	0.00	3490.68
MW - 6	01/12/16	3512.05	-	21.40	0.00	3490.65
MW - 6	01/18/16	3512.05	-	21.34	0.00	3490.71
MW - 6	01/25/16	3512.05	-	21.33	0.00	3490.72
MW - 6	02/01/16	3512.05	-	21.32	0.00	3490.73
MW - 6	02/08/16	3512.05	-	21.33	0.00	3490.72
MW - 6	02/19/16	3512.05	-	21.28	0.00	3490.77
MW - 6	02/23/16	3512.05	-	21.26	0.00	3490.79
MW - 6	03/03/16	3512.05	-	21.25	0.00	3490.80
MW - 6	03/07/16	3512.05	-	21.22	0.00	3490.83
MW - 6	03/15/16	3512.05	-	21.22	0.00	3490.83
MW - 6	03/21/16	3512.05	-	21.21	0.00	3490.84
MW - 6	03/28/16	3512.05	-	21.19	0.00	3490.86
MW - 6	04/05/16	3512.05	-	21.16	0.00	3490.89
MW - 6	04/08/16	3512.05	-	21.20	0.00	3490.85

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	04/12/16	3512.05	-	21.19	0.00	3490.86
MW - 6	04/18/16	3512.05	-	21.16	0.00	3490.89
MW - 6	04/25/16	3512.05	-	21.13	0.00	3490.92
MW - 6	05/02/16	3512.05	-	21.09	0.00	3490.96
MW - 6	05/23/16	3512.05	-	21.13	0.00	3490.92
MW - 6	06/01/16	3512.05	-	21.22	0.00	3490.83
MW - 6	06/06/16	3512.05	-	21.25	0.00	3490.80
MW - 6	06/09/16	3512.05	-	21.25	0.00	3490.80
MW - 6	06/28/16	3512.05	-	21.49	0.00	3490.56
MW - 6	07/12/16	3512.05	-	21.66	0.00	3490.39
MW - 6	07/19/16	3512.05	-	21.72	0.00	3490.33
MW - 6	07/27/16	3512.05	-	21.79	0.00	3490.26
MW - 6	08/03/16	3512.05	-	21.84	0.00	3490.21
MW - 6	08/04/16	3512.05	-	21.85	0.00	3490.20
MW - 6	08/08/16	3512.05	-	21.89	0.00	3490.16
MW - 6	08/16/16	3512.05	-	21.95	0.00	3490.10
MW - 6	08/23/16	3512.05	-	21.95	0.00	3490.10
MW - 6	08/31/16	3512.05	-	21.81	0.00	3490.24
MW - 6	09/14/16	3512.05	-	21.16	0.00	3490.89
MW - 6	09/22/16	3512.05	-	20.97	0.00	3491.08
MW - 6	09/27/16	3512.05	-	20.87	0.00	3491.18
MW - 6	10/07/16	3512.05	-	20.81	0.00	3491.24
MW - 6	10/21/16	3512.05	-	20.83	0.00	3491.22
MW - 6	10/28/16	3512.05	-	20.83	0.00	3491.22
MW - 6	11/04/16	3512.05	-	20.86	0.00	3491.19
MW - 6	11/09/16	3512.05	-	20.82	0.00	3491.23
MW - 6	12/06/16	3512.05	-	20.82	0.00	3491.23
MW - 6	12/15/16	3512.05	20.83	20.89	0.06	3491.21
MW - 6	12/22/16	3512.05	-	20.93	0.00	3491.12
MW - 6	12/29/16	3512.05	-	21.99	0.00	3490.06
MW - 6	01/05/17	3512.05	-	20.86	0.00	3491.19
MW - 6	01/11/17	3512.05	-	20.90	0.00	3491.15
MW - 6	01/18/17	3512.05	-	20.87	0.00	3491.18
MW - 6	01/26/17	3512.05	-	20.96	0.00	3491.09
MW - 6	01/31/17	3512.05	-	20.86	0.00	3491.19
MW - 6	02/10/17	3512.05	-	20.84	0.00	3491.21
MW - 6	02/17/17	3512.05	-	20.80	0.00	3491.25
MW - 6	02/24/17	3512.05	-	20.84	0.00	3491.21
MW - 6	03/01/17	3512.05	-	20.89	0.00	3491.16
MW - 6	03/09/17	3512.05	-	20.88	0.00	3491.17
MW - 6	03/15/17	3512.05	-	20.82	0.00	3491.23
MW - 6	03/22/17	3512.05	-	20.81	0.00	3491.24
MW - 6	03/29/17	3512.05	-	20.86	0.00	3491.19
MW - 6	04/07/17	3512.05	-	20.83	0.00	3491.22
MW - 6	04/11/17	3512.05	-	20.81	0.00	3491.24
MW - 6	04/20/17	3512.05	-	20.76	0.00	3491.29
MW - 6	05/02/17	3512.05	-	20.74	0.00	3491.31
MW - 6	05/12/17	3512.05	-	20.80	0.00	3491.25
MW - 6	05/16/17	3512.05	-	20.79	0.00	3491.26
MW - 6	05/24/17	3512.05	-	20.87	0.00	3491.18
MW - 6	06/05/17	3512.05	-	20.95	0.00	3491.10
MW - 6	06/15/17	3512.05	-	21.15	0.00	3490.90
MW - 6	06/28/17	3512.05	-	21.23	0.00	3490.82
MW - 6	07/05/17	3512.05	-	21.30	0.00	3490.75

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	07/11/17	3512.05	-	21.32	0.00	3490.73
MW - 6	07/17/17	3512.05	-	21.41	0.00	3490.64
MW - 6	07/20/17	3512.05	-	21.41	0.00	3490.64
MW - 6	08/16/17	3512.05	-	21.31	0.00	3490.74
MW - 6	09/05/17	3512.05	-	21.16	0.00	3490.89
MW - 6	09/13/17	3512.05	-	21.36	0.00	3490.69
MW - 6	09/19/17	3512.05	-	21.40	0.00	3490.65
MW - 6	09/29/17	3512.05	-	21.24	0.00	3490.81
MW - 6	10/05/17	3512.05	-	21.28	0.00	3490.77
MW - 6	10/12/17	3512.05	-	21.05	0.00	3491.00
MW - 6	10/20/17	3512.05	-	20.94	0.00	3491.11
MW - 6	10/24/17	3512.05	-	21.04	0.00	3491.01
MW - 6	11/02/17	3512.05	-	20.99	0.00	3491.06
MW - 6	11/14/17	3512.05	-	19.97	0.00	3492.08
MW - 6	11/21/17	3512.05	21.19	21.36	0.17	3490.83
MW - 6	12/20/17	3512.05	-	20.89	0.00	3491.16
MW - 6	12/28/17	3512.05	-	20.88	0.00	3491.17
MW - 6	01/03/18	3512.05	-	20.89	0.00	3491.16
MW - 6	01/09/18	3512.05	-	20.86	0.00	3491.19
MW - 6	01/19/18	3512.05	-	20.85	0.00	3491.20
MW - 6	01/24/18	3512.05	-	20.87	0.00	3491.18
MW - 6	02/08/18	3512.05	-	20.88	0.00	3491.17
MW - 6	02/12/18	3512.05	-	20.84	0.00	3491.21
MW - 6	02/22/18	3512.05	-	20.82	0.00	3491.23
MW - 6	03/02/18	3512.05	-	20.82	0.00	3491.23
MW - 6	03/07/18	3512.05	-	20.81	0.00	3491.24
MW - 6	03/19/18	3512.05	-	20.79	0.00	3491.26
MW - 6	03/29/18	3512.05	-	22.81	0.00	3489.24
MW - 6	04/02/18	3512.05	-	20.76	0.00	3491.29
MW - 6	04/11/18	3512.05	-	19.75	0.00	3492.30
MW - 6	04/16/18	3512.05	-	20.79	0.00	3491.26
MW - 6	04/25/18	3512.05	-	20.78	0.00	3491.27
MW - 6	05/01/18	3512.05	-	20.76	0.00	3491.29
MW - 6	05/08/18	3512.05	-	20.80	0.00	3491.25
MW - 6	05/22/18	3512.05	-	20.98	0.00	3491.07
MW - 6	05/31/18	3512.05	-	21.11	0.00	3490.94
MW - 6	06/06/18	3512.05	-	21.19	0.00	3490.86
MW - 6	06/13/18	3512.05	-	21.24	0.00	3490.81
MW - 6	06/18/18	3512.05	-	21.27	0.00	3490.78
MW - 6	06/25/18	3512.05	-	21.31	0.00	3490.74
MW - 6	07/02/18	3512.05	-	21.38	0.00	3490.67
MW - 6	07/11/18	3512.05	-	21.49	0.00	3490.56
MW - 6	07/19/18	3512.05	-	21.50	0.00	3490.55
MW - 6	07/27/18	3512.05	-	21.38	0.00	3490.67
MW - 6	08/08/18	3512.05	-	21.68	0.00	3490.37
MW - 6	08/30/18	3512.05	-	21.74	0.00	3490.31
MW - 6	09/12/18	3512.05	-	21.74	0.00	3490.31
MW - 6	09/20/18	3512.05	-	21.63	0.00	3490.42
MW - 6	09/26/18	3512.05	-	21.66	0.00	3490.39
MW - 6	10/03/18	3512.05	-	21.61	0.00	3490.44
MW - 6	10/19/18	3512.05	-	21.61	0.00	3490.44
MW - 6	10/31/18	3512.05	-	21.49	0.00	3490.56
MW - 6	11/06/18	3512.05	-	21.42	0.00	3490.63
MW - 6	11/13/18	3512.05	-	21.43	0.00	3490.62

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	12/03/18	3512.05	-	21.35	0.00	3490.70
MW - 6	12/19/18	3512.05	-	21.28	0.00	3490.77
MW - 6	12/27/18	3512.05	-	21.24	0.00	3490.81
MW - 6	01/03/19	3512.05	-	21.21	0.00	3490.84
MW - 6	01/09/19	3512.05	-	21.20	0.00	3490.85
MW - 6	01/16/19	3512.05	-	21.25	0.00	3490.80
MW - 6	01/31/19	3512.05	-	21.28	0.00	3490.77
MW - 6	02/06/19	3512.05	-	21.23	0.00	3490.82
MW - 6	02/13/19	3512.05	-	21.20	0.00	3490.85
MW - 6	02/21/19	3512.05	-	21.13	0.00	3490.92
MW - 6	02/07/19	3512.05	-	25.80	0.00	3486.25
MW - 6	02/28/19	3512.05	-	21.14	0.00	3490.91
MW - 6	03/06/19	3512.05	-	21.15	0.00	3490.90
MW - 6	03/12/19	3512.05	-	21.10	0.00	3490.95
MW - 6	03/19/19	3512.05	-	21.10	0.00	3490.95
MW - 6	03/28/19	3512.05	-	21.07	0.00	3490.98
MW - 6	04/01/19	3512.05	-	21.08	0.00	3490.97
MW - 6	04/10/19	3512.05	-	21.05	0.00	3491.00
MW - 6	04/17/19	3512.05	-	21.06	0.00	3490.99
MW - 6	04/24/19	3512.05	-	21.06	0.00	3490.99
MW - 6	04/24/19	3512.05	-	21.06	0.00	3490.99
MW - 6	05/01/19	3512.05	-	21.05	0.00	3491.00
MW - 6	05/08/19	3512.05	-	21.03	0.00	3491.02
MW - 6	05/17/19	3512.05	-	21.04	0.00	3491.01
MW - 6	05/23/19	3512.05	-	21.04	0.00	3491.01
MW - 6	05/31/19	3512.05	-	21.14	0.00	3490.91
MW - 6	06/14/19	3512.05	-	21.22	0.00	3490.83
MW - 6	06/18/19	3512.05	-	21.28	0.00	3490.77
MW - 6	06/28/19	3512.05	-	21.43	0.00	3490.62
MW - 6	07/11/19	3512.05	-	21.54	0.00	3490.51
MW - 6	07/19/19	3512.05	-	21.59	0.00	3490.46
MW - 6	08/02/19	3512.05	-	21.69	0.00	3490.36
MW - 6	08/08/19	3512.05	-	21.72	0.00	3490.33
MW - 6	09/12/19	3512.05	-	21.91	0.00	3490.14
MW - 6	09/17/19	3512.05	-	21.92	0.00	3490.13
MW - 6	10/08/19	3512.05	-	21.80	0.00	3490.25
MW - 6	10/15/19	3512.05	-	21.72	0.00	3490.33
MW - 6	10/24/19	3512.05	-	20.97	0.00	3491.08
MW - 6	10/31/19	3512.05	-	21.66	0.00	3490.39
MW - 6	11/06/19	3512.05	-	21.64	0.00	3490.41
MW - 6	11/13/19	3512.05	-	21.58	0.00	3490.47
MW - 6	12/02/19	3512.05	-	21.47	0.00	3490.58
MW - 6	12/12/19	3512.05	-	21.40	0.00	3490.65
MW - 6	12/17/19	3512.05	-	21.43	0.00	3490.62
MW - 6	12/26/19	3512.05	-	21.39	0.00	3490.66
MW - 6	01/06/20	3512.05	-	21.35	0.00	3490.70
MW - 6	01/17/20	3512.05	-	21.31	0.00	3490.74
MW - 6	01/23/20	3512.05	-	21.32	0.00	3490.73
MW - 6	01/29/20	3512.05	-	21.31	0.00	3490.74
MW - 6	02/14/20	3512.05	-	21.27	0.00	3490.78
MW - 6	02/21/20	3512.05	-	21.28	0.00	3490.77
MW - 6	02/28/20	3512.05	-	21.26	0.00	3490.79
MW - 6	03/04/20	3512.05	-	21.26	0.00	3490.79
MW - 6	05/14/20	3512.05	-	21.06	0.00	3490.99

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	05/21/20	3512.05	-	21.09	0.00	3490.96
MW - 6	06/18/20	3512.05	-	21.48	0.00	3490.57
MW - 6	07/01/20	3512.05	-	21.64	0.00	3490.41
MW - 6	07/21/20	3512.05	-	21.81	0.00	3490.24
MW - 6	08/13/20	3512.05	-	21.92	0.00	3490.13
MW - 6	09/14/20	3512.05	-	22.04	0.00	3490.01
MW - 6	09/30/20	3512.05	-	22.05	0.00	3490.00
MW - 6	10/16/20	3512.05	-	22.12	0.00	3489.93
MW - 6	11/23/20	3512.05	-	22.04	0.00	3490.01
MW - 6	12/10/20	3512.05	-	22.14	0.00	3489.91
MW - 6	12/31/20	3512.05	-	22.11	0.00	3489.94
MW - 6	01/13/21	3512.05	-	22.07	0.00	3489.98
MW - 6	01/22/21	3512.05	-	22.07	0.00	3489.98
MW - 6	02/11/21	3512.05	-	22.02	0.00	3490.03
MW - 6	04/21/21	3512.05	-	21.90	0.00	3490.15
MW - 6	04/28/21	3512.05	-	21.88	0.00	3490.17
MW - 6	06/10/21	3512.05	-	21.93	0.00	3490.12
MW - 6	07/31/21	3512.05	-	21.97	0.00	3490.08
MW - 6	08/31/21	3512.05	-	22.20	0.00	3489.85
MW - 6	09/23/21	3512.05	-	22.22	0.00	3489.83
MW - 6	10/14/21	3512.05	22.25	22.32	0.07	3489.79
MW - 6	10/28/21	3512.05	22.28	22.40	0.12	3489.75
MW - 6	11/22/21	3512.05	-	22.34	0.00	3489.71
MW - 6	12/06/21	3512.05	-	22.34	0.00	3489.71
MW - 7	06/20/02	3507.08	18.73	19.03	0.30	3488.31
MW - 7	09/26/02	3507.08	18.94	20.52	1.58	3487.90
MW - 7	11/12/02	3507.08	18.94	20.59	1.65	3487.89
MW - 7	01/07/03	3507.08	18.60	20.18	1.58	3488.24
MW - 7	01/27/03	3507.08	18.65	19.92	1.27	3488.24
MW - 7	02/26/03	3507.08	18.61	19.56	0.95	3488.33
MW - 7	03/11/03	3507.08	18.75	19.09	0.34	3488.28
MW - 7	03/19/03	3507.08	18.72	19.15	0.43	3488.30
MW - 7	03/25/03	3507.08	18.68	19.18	0.50	3488.33
MW - 7	04/16/03	3507.08	18.59	19.17	0.58	3488.40
MW - 7	04/23/03	3507.08	18.58	19.32	0.74	3488.39
MW - 7	04/29/03	3507.08	18.57	19.30	0.73	3488.40
MW - 7	05/14/03	3507.08	18.69	19.66	0.97	3488.24
MW - 7	05/20/03	3507.08	18.86	19.90	1.04	3488.06
MW - 7	05/27/03	3507.08	18.89	19.94	1.05	3488.03
MW - 7	06/04/03	3507.08	18.90	19.29	0.39	3488.12
MW - 7	06/26/03	3507.08	18.46	19.09	0.63	3488.53
MW - 7	07/07/03	3507.08	19.34	20.04	0.70	3487.64
MW - 7	07/30/03	3507.08	19.44	19.52	0.08	3487.63
MW - 7	08/06/03	3507.08	19.69	19.84	0.15	3487.37
MW - 7	08/21/03	3507.08	19.85	19.98	0.13	3487.21
MW - 7	08/26/03	3507.08	19.92	20.11	0.19	3487.13
MW - 7	09/08/03	3507.08	19.80	19.88	0.08	3487.27
MW - 7	09/15/03	3507.08	19.77	19.81	0.04	3487.30
MW - 7	09/24/03	3507.08	20.06	20.20	0.14	3487.00
MW - 7	10/02/03	3507.08	19.94	20.10	0.16	3487.12
MW - 7	10/08/03	3507.08	19.82	19.94	0.12	3487.24
MW - 7	10/16/03	3507.08	20.14	20.25	0.11	3486.92
MW - 7	10/28/03	3507.08	20.20	20.37	0.17	3486.85

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
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Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	02/02/04	3507.08	20.69	21.04	0.35	3486.34
MW - 7	02/26/04	3507.08	19.68	20.33	0.65	3487.30
MW - 7	03/16/04	3507.08	19.89	20.70	0.81	3487.07
MW - 7	03/19/04	3507.08	19.83	20.53	0.70	3487.15
MW - 7	03/25/04	3507.08	19.82	20.71	0.89	3487.13
MW - 7	04/01/04	3507.08	19.80	20.68	0.88	3487.15
MW - 7	04/08/04	3507.08	19.78	20.70	0.92	3487.16
MW - 7	04/14/04	3507.08	19.17	19.85	0.68	3487.81
MW - 7	04/16/04	3507.08	19.35	19.85	0.50	3487.66
MW - 7	04/22/04	3507.08	18.47	18.93	0.46	3488.54
MW - 7	04/29/04	3507.08	18.42	19.04	0.62	3488.57
MW - 7	05/11/04	3507.08	18.46	18.84	0.38	3488.56
MW - 7	06/08/04	3507.08	18.45	19.66	1.21	3488.45
MW - 7	06/17/04	3507.08	18.41	19.69	1.28	3488.48
MW - 7	06/22/04	3507.08	18.43	19.61	1.18	3488.47
MW - 7	06/29/04	3507.08	18.38	19.55	1.17	3488.52
MW - 7	07/06/04	3507.08	18.41	20.12	1.71	3488.41
MW - 7	07/13/04	3507.08	18.46	20.07	1.61	3488.38
MW - 7	07/20/04	3507.08	18.58	20.43	1.85	3488.22
MW - 7	08/04/04	3507.08	18.60	20.43	1.83	3488.21
MW - 7	08/10/04	3507.08	18.63	20.41	1.78	3488.18
MW - 7	08/16/04	3507.08	17.77	20.72	2.95	3488.87
MW - 7	08/23/04	3507.08	18.74	19.82	1.08	3488.18
MW - 7	08/25/04	3507.08	18.75	19.60	0.85	3488.20
MW - 7	08/26/04	3507.08	18.90	19.30	0.40	3488.12
MW - 7	08/31/04	3507.08	18.83	19.75	0.92	3488.11
MW - 7	09/13/04	3507.08	18.88	19.64	0.76	3488.09
MW - 7	09/20/04	3507.08	18.94	19.59	0.65	3488.04
MW - 7	09/30/04	3507.08	19.85	20.50	0.65	3487.13
MW - 7	10/04/04	3507.08	18.49	19.19	0.70	3488.49
MW - 7	10/11/04	3507.08	18.22	18.73	0.51	3488.78
MW - 7	10/18/04	3507.08	18.32	19.10	0.78	3488.64
MW - 7	10/26/04	3507.08	18.53	19.00	0.47	3488.48
MW - 7	11/08/04	3507.08	18.64	19.47	0.83	3488.32
MW - 7	11/15/04	3507.08	18.10	19.85	1.75	3488.72
MW - 7	12/01/04	3507.08	17.95	19.95	2.00	3488.83
MW - 7	12/03/04	3507.08	17.95	19.95	2.00	3488.83
MW - 7	12/14/04	3507.08	18.06	18.31	0.25	3488.98
MW - 7	12/21/04	3507.08	18.00	18.43	0.43	3489.02
MW - 7	12/29/04	3507.08	17.93	18.20	0.27	3489.11
MW - 7	01/11/05	3507.08	17.87	18.24	0.37	3489.15
MW - 7	01/14/05	3507.08	17.90	18.29	0.39	3489.12
MW - 7	01/18/05	3507.08	17.80	18.22	0.42	3489.22
MW - 7	01/21/05	3507.08	17.80	18.11	0.31	3489.23
MW - 7	01/25/05	3507.08	17.79	18.23	0.44	3489.22
MW - 7	01/28/05	3507.08	17.81	18.25	0.44	3489.20
MW - 7	02/02/05	3507.08	17.69	18.15	0.46	3489.32
MW - 7	02/05/05	3507.08	17.85	18.04	0.19	3489.20
MW - 7	02/08/05	3507.08	17.65	18.10	0.45	3489.36
MW - 7	02/11/05	3507.08	17.69	18.11	0.42	3489.33
MW - 7	02/15/05	3507.08	17.61	18.08	0.47	3489.40
MW - 7	02/18/05	3507.08	17.59	18.03	0.44	3489.42
MW - 7	02/22/05	3507.08	17.59	18.03	0.44	3489.42
MW - 7	02/25/05	3507.08	17.64	17.95	0.31	3489.39

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	03/01/05	3507.08	17.57	17.60	0.03	3489.51
MW - 7	03/04/05	3507.08	17.50	17.51	0.01	3489.58
MW - 7	03/08/05	3507.08	sheen	17.52	0.00	3489.56
MW - 7	03/08/05	3507.08	sheen	17.52	0.00	3489.56
MW - 7	03/11/05	3507.08	sheen	17.55	0.00	3489.53
MW - 7	03/15/05	3507.08	sheen	17.50	0.00	3489.58
MW - 7	03/18/05	3507.08	sheen	17.49	0.00	3489.59
MW - 7	03/22/05	3507.08	sheen	17.46	0.00	3489.62
MW - 7	03/28/05	3507.08	sheen	17.38	0.00	3489.70
MW - 7	04/01/05	3507.08	sheen	17.41	0.00	3489.67
MW - 7	04/05/05	3507.08	sheen	17.34	0.00	3489.74
MW - 7	04/08/05	3507.08	sheen	17.36	0.00	3489.72
MW - 7	04/12/05	3507.08	sheen	17.32	0.00	3489.76
MW - 7	04/15/05	3507.08	sheen	17.34	0.00	3489.74
MW - 7	05/25/05	3507.08	sheen	17.14	0.00	3489.94
MW - 7	05/27/05	3507.08	sheen	17.11	0.00	3489.97
MW - 7	05/31/05	3507.08	sheen	17.09	0.00	3489.99
MW - 7	06/03/05	3507.08	sheen	17.06	0.00	3490.02
MW - 7	06/06/05	3507.08	sheen	17.05	0.00	3490.03
MW - 7	06/08/05	3507.08	-	17.05	0.00	3490.03
MW - 7	06/13/05	3507.08	17.03	17.04	0.01	3490.05
MW - 7	06/20/05	3507.08	sheen	17.07	0.00	3490.01
MW - 7	06/24/05	3507.08	17.09	17.15	0.06	3489.98
MW - 7	06/27/05	3507.08	17.09	17.10	0.01	3489.99
MW - 7	07/11/05	3507.08	17.23	17.24	0.01	3489.85
MW - 7	07/15/05	3507.08	sheen	17.30	0.00	3489.78
MW - 7	07/18/05	3507.08	sheen	17.34	0.00	3489.74
MW - 7	07/21/05	3507.08	sheen	17.36	0.00	3489.72
MW - 7	07/25/05	3507.08	sheen	17.42	0.00	3489.66
MW - 7	08/01/05	3507.08	sheen	17.45	0.00	3489.63
MW - 7	08/04/05	3507.08	sheen	17.46	0.00	3489.62
MW - 7	08/12/05	3507.08	sheen	17.54	0.00	3489.54
MW - 7	08/15/05	3507.08	17.49	17.52	0.03	3489.59
MW - 7	08/23/05	3507.08	17.31	17.40	0.09	3489.76
MW - 7	08/30/05	3507.08	17.28	17.42	0.14	3489.78
MW - 7	09/06/05	3507.08	17.22	17.27	0.05	3489.85
MW - 7	09/13/05	3507.08	17.28	17.35	0.07	3489.79
MW - 7	09/15/05	3507.08	17.23	17.33	0.10	3489.84
MW - 7	09/19/05	3507.08	sheen	17.26	0.00	3489.82
MW - 7	09/27/05	3507.08	17.25	17.45	0.20	3489.80
MW - 7	10/03/05	3507.08	17.30	17.70	0.40	3489.72
MW - 7	10/08/05	3507.08	17.24	17.31	0.07	3489.83
MW - 7	10/10/05	3507.08	17.25	17.71	0.46	3489.76
MW - 7	10/17/05	3507.08	17.20	17.45	0.25	3489.84
MW - 7	10/24/05	3507.08	17.16	17.41	0.25	3489.88
MW - 7	10/31/05	3507.08	17.18	17.38	0.20	3489.87
MW - 7	11/15/05	3507.08	17.13	17.51	0.38	3489.89
MW - 7	11/22/05	3507.08	17.11	17.50	0.39	3489.91
MW - 7	11/27/05	3507.08	17.08	17.42	0.34	3489.95
MW - 7	12/07/05	3507.08	17.11	17.28	0.17	3489.94
MW - 7	12/12/05	3507.08	17.17	17.34	0.17	3489.88
MW - 7	12/16/05	3507.08	17.22	17.39	0.17	3489.83
MW - 7	12/22/05	3507.08	17.29	17.49	0.20	3489.76
MW - 7	12/27/05	3507.08	17.06	17.38	0.32	3489.97

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	01/03/06	3507.08	17.10	17.31	0.21	3489.95
MW - 7	01/09/06	3507.08	17.10	17.49	0.39	3489.92
MW - 7	01/16/06	3507.08	17.05	17.35	0.30	3489.99
MW - 7	01/23/06	3507.08	17.17	17.39	0.22	3489.88
MW - 7	01/30/06	3507.08	17.05	17.40	0.35	3489.98
MW - 7	02/06/06	3507.08	17.10	17.42	0.32	3489.93
MW - 7	02/14/06	3507.08	17.01	17.30	0.29	3490.03
MW - 7	02/21/06	3507.08	17.01	17.30	0.29	3490.03
MW - 7	03/01/06	3507.08	16.99	17.33	0.34	3490.04
MW - 7	03/06/06	3507.08	17.03	17.33	0.30	3490.01
MW - 7	03/15/06	3507.08	17.00	17.33	0.33	3490.03
MW - 7	03/16/06	3507.08	17.04	17.30	0.26	3490.00
MW - 7	03/21/06	3507.08	17.04	17.33	0.29	3490.00
MW - 7	03/28/06	3507.08	17.05	17.31	0.26	3489.99
MW - 7	04/03/06	3507.08	16.97	17.23	0.26	3490.07
MW - 7	04/10/06	3507.08	16.95	17.18	0.23	3490.10
MW - 7	04/17/06	3507.08	16.97	17.29	0.32	3490.06
MW - 7	05/01/06	3507.08	16.94	17.18	0.24	3490.10
MW - 7	05/08/06	3507.08	16.95	17.31	0.36	3490.08
MW - 7	05/15/06	3507.08	17.00	17.42	0.42	3490.02
MW - 7	05/30/06	3507.08	17.23	17.91	0.68	3489.75
MW - 7	06/05/06	3507.08	17.30	17.93	0.63	3489.69
MW - 7	06/12/06	3507.08	17.42	18.47	1.05	3489.50
MW - 7	06/15/06	3507.08	17.45	18.08	0.63	3489.54
MW - 7	06/19/06	3507.08	17.51	18.24	0.73	3489.46
MW - 7	07/03/06	3507.08	17.64	18.13	0.49	3489.37
MW - 7	07/10/06	3507.08	17.66	18.04	0.38	3489.36
MW - 7	07/17/06	3507.08	17.52	17.74	0.22	3489.53
MW - 7	07/26/06	3507.08	17.60	18.11	0.51	3489.40
MW - 7	07/31/06	3507.08	17.66	18.03	0.37	3489.36
MW - 7	08/07/06	3507.08	17.69	18.07	0.38	3489.33
MW - 7	08/17/06	3507.08	17.64	17.95	0.31	3489.39
MW - 7	08/21/06	3507.08	17.59	17.84	0.25	3489.45
MW - 7	09/06/06	3507.08	17.30	17.57	0.27	3489.74
MW - 7	09/11/06	3507.08	17.28	17.62	0.34	3489.75
MW - 7	09/18/06	3507.08	18.26	18.52	0.26	3488.78
MW - 7	09/25/06	3507.08	17.24	17.65	0.41	3489.78
MW - 7	10/02/06	3507.08	17.20	17.61	0.41	3489.82
MW - 7	10/09/06	3507.08	17.30	17.72	0.42	3489.72
MW - 7	10/17/06	3507.08	17.30	17.75	0.45	3489.71
MW - 7	10/23/06	3507.08	17.28	17.62	0.34	3489.75
MW - 7	10/30/06	3507.08	17.27	17.60	0.33	3489.76
MW - 7	11/06/06	3507.08	17.24	17.59	0.35	3489.79
MW - 7	11/13/06	3507.08	17.20	17.50	0.30	3489.84
MW - 7	11/20/06	3507.08	17.23	17.62	0.39	3489.79
MW - 7	11/27/06	3507.08	17.17	17.48	0.31	3489.86
MW - 7	11/30/06	3507.08	17.20	17.59	0.39	3489.82
MW - 7	12/04/06	3507.08	17.26	17.82	0.56	3489.74
MW - 7	12/12/06	3507.08	17.27	17.82	0.55	3489.73
MW - 7	12/18/06	3507.08	17.05	17.54	0.49	3489.96
MW - 7	01/02/07	3507.08	17.18	17.62	0.44	3489.83
MW - 7	01/11/07	3507.08	17.15	17.48	0.33	3489.88
MW - 7	01/18/07	3507.08	17.20	17.41	0.21	3489.85
MW - 7	01/22/07	3507.08	17.14	17.48	0.34	3489.89

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	02/05/07	3507.08	17.22	17.44	0.22	3489.83
MW - 7	02/12/07	3507.08	17.08	17.51	0.43	3489.94
MW - 7	02/19/07	3507.08	17.07	17.38	0.31	3489.96
MW - 7	02/27/07	3507.08	17.07	17.51	0.44	3489.94
MW - 7	03/05/07	3507.08	17.08	17.49	0.41	3489.94
MW - 7	03/12/07	3507.08	17.08	17.35	0.27	3489.96
MW - 7	03/19/07	3507.08	17.06	17.38	0.32	3489.97
MW - 7	04/02/07	3507.08	17.06	17.84	0.78	3489.90
MW - 7	04/09/07	3507.08	17.01	17.27	0.26	3490.03
MW - 7	05/01/07	3507.08	16.99	17.30	0.31	3490.04
MW - 7	05/12/07	3507.08	16.99	17.29	0.30	3490.05
MW - 7	05/17/07	3507.08	16.90	17.19	0.29	3490.14
MW - 7	05/21/07	3507.08	16.84	17.11	0.27	3490.20
MW - 7	05/22/07	3507.08	16.84	17.11	0.27	3490.20
MW - 7	06/01/07	3507.08	16.84	17.21	0.37	3490.18
MW - 7	06/06/07	3507.08	16.86	17.24	0.38	3490.16
MW - 7	06/11/07	3507.08	16.93	17.40	0.47	3490.08
MW - 7	06/19/07	3507.08	17.02	17.37	0.35	3490.01
MW - 7	06/25/07	3507.08	17.09	17.42	0.33	3489.94
MW - 7	07/03/07	3507.08	17.21	17.77	0.56	3489.79
MW - 7	07/23/07	3507.08	17.42	17.86	0.44	3489.59
MW - 7	07/31/07	3507.08	17.52	18.01	0.49	3489.49
MW - 7	08/14/07	3507.08	17.57	18.05	0.48	3489.44
MW - 7	08/15/07	3507.08	17.62	17.90	0.28	3489.42
MW - 7	08/25/07	3507.08	17.65	18.04	0.39	3489.37
MW - 7	09/05/07	3507.08	17.72	18.13	0.41	3489.30
MW - 7	09/10/07	3507.08	17.70	18.02	0.32	3489.33
MW - 7	09/17/07	3507.08	17.46	17.69	0.23	3489.59
MW - 7	09/24/07	3507.08	17.38	17.60	0.22	3489.67
MW - 7	11/05/07	3507.08	17.35	17.80	0.45	3489.66
MW - 7	11/06/07	3507.08	17.42	17.79	0.37	3489.60
MW - 7	11/12/07	3507.08	17.37	17.69	0.32	3489.66
MW - 7	11/19/07	3507.08	17.34	17.69	0.35	3489.69
MW - 7	11/30/07	3507.08	17.39	17.81	0.42	3489.63
MW - 7	12/03/07	3507.08	17.36	17.66	0.30	3489.68
MW - 7	12/14/07	3507.08	17.45	17.64	0.19	3489.60
MW - 7	12/17/07	3507.08	17.33	17.59	0.26	3489.71
MW - 7	01/09/08	3507.08	17.25	17.58	0.33	3489.78
MW - 7	01/16/08	3507.08	17.29	17.64	0.35	3489.74
MW - 7	01/21/08	3507.08	17.31	17.72	0.41	3489.71
MW - 7	01/30/08	3507.08	17.23	17.54	0.31	3489.80
MW - 7	02/08/08	3507.08	17.24	17.58	0.34	3489.79
MW - 7	02/12/08	3507.08	17.24	17.58	0.34	3489.79
MW - 7	02/14/08	3507.08	17.23	17.51	0.28	3489.81
MW - 7	02/20/08	3507.08	17.21	17.50	0.29	3489.83
MW - 7	02/28/08	3507.08	17.22	17.54	0.32	3489.81
MW - 7	03/05/08	3507.08	17.23	17.63	0.40	3489.79
MW - 7	03/13/08	3507.08	17.19	17.57	0.38	3489.83
MW - 7	03/19/08	3507.08	17.23	17.60	0.37	3489.79
MW - 7	03/24/08	3507.08	17.19	17.58	0.39	3489.83
MW - 7	04/02/08	3507.08	17.18	17.52	0.34	3489.85
MW - 7	04/07/08	3507.08	17.18	17.52	0.34	3489.85
MW - 7	04/14/08	3507.08	17.19	17.48	0.29	3489.85
MW - 7	04/23/08	3507.08	17.19	17.52	0.33	3489.84

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	05/07/08	3507.08	17.18	17.51	0.33	3489.85
MW - 7	05/13/08	3507.08	17.18	17.51	0.33	3489.85
MW - 7	05/14/08	3507.08	17.20	17.50	0.30	3489.84
MW - 7	05/19/08	3507.08	17.19	17.42	0.23	3489.86
MW - 7	06/09/08	3507.08	17.46	17.95	0.49	3489.55
MW - 7	06/16/08	3507.08	17.24	17.50	0.26	3489.80
MW - 7	06/23/08	3507.08	17.70	18.35	0.65	3489.28
MW - 7	06/30/08	3507.08	17.76	18.25	0.49	3489.25
MW - 7	07/14/08	3507.08	17.82	18.36	0.54	3489.18
MW - 7	07/22/08	3507.08	17.87	18.36	0.49	3489.14
MW - 7	07/29/08	3507.08	17.88	18.40	0.52	3489.12
MW - 7	08/04/08	3507.08	17.90	18.49	0.59	3489.09
MW - 7	08/11/08	3507.08	17.75	18.41	0.66	3489.23
MW - 7	08/14/08	3507.08	17.99	18.43	0.44	3489.02
MW - 7	08/18/08	3507.08	17.96	18.38	0.42	3489.06
MW - 7	08/28/08	3507.08	17.91	18.30	0.39	3489.11
MW - 7	09/17/08	3507.08	17.65	18.01	0.36	3489.38
MW - 7	09/29/08	3507.08	17.61	17.96	0.35	3489.42
MW - 7	10/06/08	3507.08	17.62	17.97	0.35	3489.41
MW - 7	10/13/08	3507.08	17.69	18.05	0.36	3489.34
MW - 7	10/20/08	3507.08	17.60	17.89	0.29	3489.44
MW - 7	10/29/08	3507.08	17.53	17.75	0.22	3489.52
MW - 7	10/30/08	3507.08	17.56	17.76	0.20	3489.49
MW - 7	11/06/08	3507.08	17.54	17.76	0.22	3489.51
MW - 7	11/12/08	3507.08	17.50	17.71	0.21	3489.55
MW - 7	11/13/08	3507.08	17.50	17.71	0.21	3489.55
MW - 7	12/16/08	3507.08	17.48	17.70	0.22	3489.57
MW - 7	12/19/08	3507.08	17.47	17.71	0.24	3489.57
MW - 7	12/22/08	3507.08	17.38	17.67	0.29	3489.66
MW - 7	01/06/09	3507.08	17.31	17.73	0.42	3489.71
MW - 7	01/12/09	3507.08	17.45	17.89	0.44	3489.56
MW - 7	01/19/09	3507.08	15.13	18.35	3.22	3491.47
MW - 7	01/22/09	3507.08	17.41	17.58	0.17	3489.64
MW - 7	01/26/09	3507.08	17.44	17.68	0.24	3489.60
MW - 7	02/10/09	3507.08	17.35	17.61	0.26	3489.69
MW - 7	02/13/09	3507.08	17.63	18.06	0.43	3489.39
MW - 7	02/16/09	3507.08	17.40	17.98	0.58	3489.59
MW - 7	02/24/09	3507.08	17.43	18.00	0.57	3489.56
MW - 7	03/02/09	3507.08	17.43	17.56	0.13	3489.63
MW - 7	03/05/09	3507.08	17.39	17.69	0.30	3489.65
MW - 7	03/09/09	3507.08	19.20	19.23	0.03	3487.88
MW - 7	03/16/09	3507.08	17.35	17.64	0.29	3489.69
MW - 7	03/19/09	3507.08	17.46	17.59	0.13	3489.60
MW - 7	03/25/09	3507.08	17.48	17.61	0.13	3489.58
MW - 7	03/30/09	3507.08	17.49	17.59	0.10	3489.58
MW - 7	04/13/09	3507.08	17.29	17.65	0.36	3489.74
MW - 7	04/16/09	3507.08	17.51	17.54	0.03	3489.57
MW - 7	04/21/09	3507.08	17.53	17.56	0.03	3489.55
MW - 7	04/27/09	3507.08	17.29	17.59	0.30	3489.75
MW - 7	04/30/09	3507.08	17.53	17.57	0.04	3489.54
MW - 7	05/06/09	3507.08	17.53	17.58	0.05	3489.54
MW - 7	05/12/09	3507.08	17.31	17.40	0.09	3489.76
MW - 7	05/19/09	3507.08	17.39	17.76	0.37	3489.63
MW - 7	05/26/09	3507.08	17.45	17.88	0.43	3489.57

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	06/01/09	3507.08	17.53	17.84	0.31	3489.50
MW - 7	06/05/09	3507.08	17.56	17.84	0.28	3489.48
MW - 7	06/12/09	3507.08	17.61	17.86	0.25	3489.43
MW - 7	06/15/09	3507.08	17.64	17.91	0.27	3489.40
MW - 7	06/22/09	3507.08	17.73	18.08	0.35	3489.30
MW - 7	06/24/09	3507.08	17.72	17.91	0.19	3489.33
MW - 7	06/29/09	3507.08	17.78	18.02	0.24	3489.26
MW - 7	07/06/09	3507.08	17.85	18.21	0.36	3489.18
MW - 7	07/09/09	3507.08	17.37	17.74	0.37	3489.65
MW - 7	07/13/09	3507.08	17.36	17.75	0.39	3489.66
MW - 7	07/20/09	3507.08	17.37	17.74	0.37	3489.65
MW - 7	07/23/09	3507.08	17.97	18.24	0.27	3489.07
MW - 7	07/27/09	3507.08	17.94	18.26	0.32	3489.09
MW - 7	07/29/09	3507.08	17.94	18.35	0.41	3489.08
MW - 7	08/03/09	3507.08	17.89	18.08	0.19	3489.16
MW - 7	08/10/09	3507.08	17.99	18.30	0.31	3489.04
MW - 7	08/10/09	3507.08	17.99	18.30	0.31	3489.04
MW - 7	08/18/09	3507.08	18.06	18.40	0.34	3488.97
MW - 7	08/24/09	3507.08	18.08	18.42	0.34	3488.95
MW - 7	08/28/09	3507.08	17.37	17.74	0.37	3489.65
MW - 7	08/31/09	3507.08	18.14	18.44	0.30	3488.90
MW - 7	09/02/09	3507.08	18.11	18.30	0.19	3488.94
MW - 7	09/08/09	3507.08	18.15	18.39	0.24	3488.89
MW - 7	09/10/09	3507.08	18.15	18.40	0.25	3488.89
MW - 7	09/16/09	3507.08	18.17	18.50	0.33	3488.86
MW - 7	09/18/09	3507.08	18.17	18.59	0.42	3488.85
MW - 7	09/22/09	3507.08	18.20	18.51	0.31	3488.83
MW - 7	09/28/09	3507.08	17.38	17.72	0.34	3489.65
MW - 7	10/09/09	3507.08	18.20	19.02	0.82	3488.76
MW - 7	10/12/09	3507.08	17.38	17.72	0.34	3489.65
MW - 7	10/15/09	3507.08	18.26	18.53	0.27	3488.78
MW - 7	10/20/09	3507.08	18.28	18.56	0.28	3488.76
MW - 7	10/28/09	3507.08	18.26	18.51	0.25	3488.78
MW - 7	11/03/09	3507.08	18.24	18.36	0.12	3488.82
MW - 7	11/12/09	3507.08	18.18	18.45	0.27	3488.86
MW - 7	11/18/09	3507.08	18.23	18.42	0.19	3488.82
MW - 7	12/03/09	3507.08	18.17	18.42	0.25	3488.87
MW - 7	12/11/09	3507.08	18.17	18.41	0.24	3488.87
MW - 7	12/16/09	3507.08	18.15	18.40	0.25	3488.89
MW - 7	12/21/09	3507.08	18.18	18.44	0.26	3488.86
MW - 7	12/28/09	3507.08	18.14	18.33	0.19	3488.91
MW - 7	01/04/10	3507.08	18.13	18.42	0.29	3488.91
MW - 7	01/14/10	3507.08	18.13	18.45	0.32	3488.90
MW - 7	01/20/10	3507.08	18.02	18.44	0.42	3489.00
MW - 7	01/25/10	3507.08	18.16	18.31	0.15	3488.90
MW - 7	01/27/10	3507.08	18.03	18.16	0.13	3489.03
MW - 7	02/01/10	3507.08	18.00	18.17	0.17	3489.05
MW - 7	02/08/10	3507.08	17.98	18.15	0.17	3489.07
MW - 7	02/08/10	3507.08	sheen	18.52	0.00	3488.56
MW - 7	02/09/10	3507.08	18.05	18.20	0.15	3489.01
MW - 7	02/19/10	3507.08	17.92	18.26	0.34	3489.11
MW - 7	02/26/10	3507.08	17.95	18.12	0.17	3489.10
MW - 7	03/01/10	3507.08	18.19	18.30	0.11	3488.87
MW - 7	03/04/10	3507.08	17.89	18.01	0.12	3489.17

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	03/08/10	3507.08	17.92	19.97	2.05	3488.85
MW - 7	03/11/10	3507.08	17.88	17.94	0.06	3489.19
MW - 7	03/15/10	3507.08	17.88	18.03	0.15	3489.18
MW - 7	03/17/10	3507.08	17.79	17.89	0.10	3489.28
MW - 7	03/22/10	3507.08	17.75	17.83	0.08	3489.32
MW - 7	03/29/10	3507.08	17.71	17.96	0.25	3489.33
MW - 7	04/05/10	3507.08	17.76	17.89	0.13	3489.30
MW - 7	04/14/10	3507.08	17.75	17.86	0.11	3489.31
MW - 7	04/16/10	3507.08	17.62	17.76	0.14	3489.44
MW - 7	04/19/10	3507.08	17.72	17.83	0.11	3489.34
MW - 7	04/28/10	3507.08	17.66	17.77	0.11	3489.40
MW - 7	05/05/10	3507.08	17.52	17.66	0.14	3489.54
MW - 7	05/12/10	3507.08	17.65	17.99	0.34	3489.38
MW - 7	05/14/10	3507.08	17.65	17.99	0.34	3489.38
MW - 7	05/21/10	3507.08	17.65	17.97	0.32	3489.38
MW - 7	05/26/10	3507.08	17.63	17.96	0.33	3489.40
MW - 7	06/04/10	3507.08	17.67	17.97	0.30	3489.37
MW - 7	06/07/10	3507.08	17.78	18.15	0.37	3489.24
MW - 7	06/12/10	3507.08	17.84	18.27	0.43	3489.18
MW - 7	06/24/10	3507.08	17.95	18.35	0.40	3489.07
MW - 7	06/30/10	3507.08	18.10	18.45	0.35	3488.93
MW - 7	07/07/10	3507.08	17.64	17.96	0.32	3489.39
MW - 7	07/12/10	3507.08	17.46	17.80	0.34	3489.57
MW - 7	07/19/10	3507.08	17.37	17.74	0.37	3489.65
MW - 7	08/03/10	3507.08	17.35	17.36	0.01	3489.73
MW - 7	08/11/10	3507.08	17.43	17.62	0.19	3489.62
MW - 7	08/19/10	3507.08	17.39	17.61	0.22	3489.66
MW - 7	08/25/10	3507.08	17.41	17.72	0.31	3489.62
MW - 7	09/01/10	3507.08	17.42	17.83	0.41	3489.60
MW - 7	09/09/10	3507.08	17.48	17.98	0.50	3489.53
MW - 7	09/13/10	3507.08	17.45	17.60	0.15	3489.61
MW - 7	09/29/10	3507.08	17.59	17.97	0.38	3489.43
MW - 7	10/05/10	3507.08	17.43	17.61	0.18	3489.62
MW - 7	10/20/10	3507.08	17.47	17.63	0.16	3489.59
MW - 7	10/25/10	3507.08	17.46	17.61	0.15	3489.60
MW - 7	11/03/10	3507.08	17.52	17.80	0.28	3489.52
MW - 7	11/10/10	3507.08	17.64	18.06	0.42	3489.38
MW - 7	11/12/10	3507.08	17.64	18.06	0.42	3489.38
MW - 7	12/09/10	3507.08	17.41	17.66	0.25	3489.63
MW - 7	01/18/11	3507.08	17.66	18.06	0.40	3489.36
MW - 7	02/16/11	3507.08	17.65	18.10	0.45	3489.36
MW - 7	03/01/11	3507.08	17.50	18.00	0.50	3489.51
MW - 7	03/07/11	3507.08	17.48	18.31	0.83	3489.48
MW - 7	03/22/11	3507.08	17.61	18.11	0.50	3489.40
MW - 7	04/27/11	3507.08	17.41	18.31	0.90	3489.54
MW - 7	05/05/11	3507.08	17.62	18.13	0.51	3489.38
MW - 7	05/10/11	3507.08	17.61	18.29	0.68	3489.37
MW - 7	05/17/11	3507.08	17.60	18.21	0.61	3489.39
MW - 7	05/19/11	3507.08	17.60	18.21	0.61	3489.39
MW - 7	05/24/11	3507.08	17.75	18.48	0.73	3489.22
MW - 7	06/07/11	3507.08	17.82	18.41	0.59	3489.17
MW - 7	06/08/11	3507.08	17.89	18.40	0.51	3489.11
MW - 7	06/14/11	3507.08	17.86	18.45	0.59	3489.13
MW - 7	06/23/11	3507.08	17.80	18.30	0.50	3489.21

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	06/28/11	3507.08	17.98	18.36	0.38	3489.04
MW - 7	07/06/11	3507.08	18.09	18.53	0.44	3488.92
MW - 7	07/14/11	3507.08	18.03	18.45	0.42	3488.99
MW - 7	07/20/11	3507.08	18.20	18.80	0.60	3488.79
MW - 7	07/27/11	3507.08	18.23	18.65	0.42	3488.79
MW - 7	08/03/11	3507.08	18.22	18.58	0.36	3488.81
MW - 7	08/10/11	3507.08	18.30	18.55	0.25	3488.74
MW - 7	08/18/11	3507.08	18.32	18.70	0.38	3488.70
MW - 7	08/25/11	3507.08	18.34	18.50	0.16	3488.72
MW - 7	09/07/11	3507.08	18.44	18.80	0.36	3488.59
MW - 7	09/14/11	3507.08	18.40	18.84	0.44	3488.61
MW - 7	11/14/11	3507.08	18.26	18.59	0.33	3488.77
MW - 7	12/01/11	3507.08	18.26	18.64	0.38	3488.76
MW - 7	12/08/11	3507.08	18.23	18.48	0.25	3488.81
MW - 7	12/14/11	3507.08	18.23	18.68	0.45	3488.78
MW - 7	01/12/12	3507.08	18.19	18.49	0.30	3488.85
MW - 7	01/19/12	3507.08	18.13	18.33	0.20	3488.92
MW - 7	02/03/12	3507.08	18.08	18.49	0.41	3488.94
MW - 7	02/29/12	3507.08	17.99	18.53	0.54	3489.01
MW - 7	03/14/12	3507.08	17.94	18.51	0.57	3489.05
MW - 7	03/19/12	3507.08	17.90	18.41	0.51	3489.10
MW - 7	03/29/12	3507.08	17.88	18.46	0.58	3489.11
MW - 7	04/05/12	3507.08	17.85	18.47	0.62	3489.14
MW - 7	04/18/12	3507.08	17.81	18.42	0.61	3489.18
MW - 7	04/27/12	3507.08	17.85	18.47	0.62	3489.14
MW - 7	05/02/12	3507.08	17.89	18.50	0.61	3489.10
MW - 7	05/31/12	3507.08	17.89	18.65	0.76	3489.08
MW - 7	06/08/12	3507.08	17.95	18.83	0.88	3489.00
MW - 7	06/12/12	3507.08	17.99	18.78	0.79	3488.97
MW - 7	06/21/12	3507.08	17.94	18.46	0.52	3489.06
MW - 7	06/29/12	3507.08	18.02	18.55	0.53	3488.98
MW - 7	07/13/12	3507.08	18.21	18.69	0.48	3488.80
MW - 7	12/06/12	3507.08	18.21	18.91	0.70	3488.77
MW - 7	12/11/12	3507.08	18.21	18.94	0.73	3488.76
MW - 7	12/18/12	3507.08	18.19	18.83	0.64	3488.79
MW - 7	01/09/13	3507.08	18.17	18.81	0.64	3488.81
MW - 7	01/15/13	3507.08	18.16	18.81	0.65	3488.82
MW - 7	01/23/13	3507.08	18.15	18.85	0.70	3488.83
MW - 7	01/29/13	3507.08	18.13	18.74	0.61	3488.86
MW - 7	02/07/13	3507.08	18.13	18.89	0.76	3488.84
MW - 7	02/13/13	3507.08	18.11	18.60	0.49	3488.90
MW - 7	02/20/13	3507.08	18.50	19.19	0.69	3488.48
MW - 7	03/15/13	3507.08	18.11	18.63	0.52	3488.89
MW - 7	03/19/13	3507.08	18.05	18.83	0.78	3488.91
MW - 7	04/02/13	3507.08	18.02	18.61	0.59	3488.97
MW - 7	04/09/13	3507.08	18.00	18.54	0.54	3489.00
MW - 7	04/16/13	3507.08	17.99	18.51	0.52	3489.01
MW - 7	04/23/13	3507.08	18.01	18.46	0.45	3489.00
MW - 7	04/30/13	3507.08	17.96	18.84	0.88	3488.99
MW - 7	05/08/13	3507.08	17.99	18.45	0.46	3489.02
MW - 7	05/14/13	3507.08	17.96	18.29	0.33	3489.07
MW - 7	05/22/13	3507.08	17.95	18.33	0.38	3489.07
MW - 7	05/28/13	3507.08	17.96	18.38	0.42	3489.06
MW - 7	06/04/13	3507.08	17.98	18.37	0.39	3489.04

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	06/11/13	3507.08	18.07	18.43	0.36	3488.96
MW - 7	06/19/13	3507.08	18.16	18.21	0.05	3488.91
MW - 7	06/28/13	3507.08	18.23	18.63	0.40	3488.79
MW - 7	07/01/13	3507.08	18.30	18.50	0.20	3488.75
MW - 7	07/08/13	3507.08	18.39	18.44	0.05	3488.68
MW - 7	07/23/13	3507.08	18.45	18.54	0.09	3488.62
MW - 7	07/30/13	3507.08	18.32	18.57	0.25	3488.72
MW - 7	08/05/13	3507.08	18.38	18.60	0.22	3488.67
MW - 7	08/12/13	3507.08	18.34	18.60	0.26	3488.70
MW - 7	08/22/13	3507.08	18.43	18.73	0.30	3488.61
MW - 7	08/29/13	3507.08	18.49	18.75	0.26	3488.55
MW - 7	09/05/13	3507.08	18.53	18.85	0.32	3488.50
MW - 7	09/10/13	3507.08	18.59	18.82	0.23	3488.46
MW - 7	09/17/13	3507.08	18.62	18.85	0.23	3488.43
MW - 7	09/24/13	3507.08	18.62	18.85	0.23	3488.43
MW - 7	10/07/13	3507.08	18.69	18.97	0.28	3488.35
MW - 7	11/14/13	-	21.87	22.35	0.48	-
MW - 7	11/21/13	-	21.83	22.30	0.47	-
MW - 7	12/12/13	-	21.76	22.30	0.54	-
MW - 7	12/19/13	-	21.73	22.30	0.57	-
MW - 7	01/03/14	-	21.70	22.20	0.50	-
MW - 7	01/09/14	-	21.71	22.22	0.51	-
MW - 7	01/13/14	-	21.72	22.18	0.46	-
MW - 7	01/21/14	-	21.69	22.09	0.40	-
MW - 7	01/24/14	-	21.72	22.17	0.45	-
MW - 7	02/04/14	3511.57	21.66	22.11	0.45	3489.84
MW - 7	02/10/14	3511.57	21.66	22.20	0.54	3489.83
MW - 7	02/27/14	3511.57	21.59	22.10	0.51	3489.90
MW - 7	03/17/14	3511.57	21.56	22.07	0.51	3489.93
MW - 7	03/27/14	3511.57	21.51	22.23	0.72	3489.95
MW - 7	04/02/14	3511.57	21.53	22.04	0.51	3489.96
MW - 7	04/16/14	3511.57	21.48	22.27	0.79	3489.97
MW - 7	04/22/14	3511.57	21.49	22.05	0.56	3490.00
MW - 7	04/28/14	3511.57	21.42	21.89	0.47	3490.08
MW - 7	05/06/14	3511.57	21.47	21.91	0.44	3490.03
MW - 7	05/13/14	3511.57	21.53	22.20	0.67	3489.94
MW - 7	05/14/14	3511.57	21.58	21.76	0.18	3489.96
MW - 7	05/21/14	3511.57	21.54	22.15	0.61	3489.94
MW - 7	06/05/14	3511.57	21.62	22.11	0.49	3489.88
MW - 7	06/11/14	3511.57	21.75	22.05	0.30	3489.78
MW - 7	06/16/14	3511.57	21.79	22.22	0.43	3489.72
MW - 7	06/24/14	3511.57	21.90	22.28	0.38	3489.61
MW - 7	07/01/14	3511.57	21.96	22.35	0.39	3489.55
MW - 7	07/08/14	3511.57	22.08	22.15	0.07	3489.48
MW - 7	07/15/14	3511.57	22.05	22.30	0.25	3489.48
MW - 7	07/22/14	3511.57	22.13	22.85	0.72	3489.33
MW - 7	07/23/14	3511.57	22.13	22.85	0.72	3489.33
MW - 7	07/31/14	3511.57	22.17	22.52	0.35	3489.35
MW - 7	08/05/14	3511.57	22.22	22.35	0.13	3489.33
MW - 7	08/07/14	3511.57	22.22	22.50	0.28	3489.31
MW - 7	08/15/14	3511.57	22.22	22.85	0.63	3489.26
MW - 7	08/20/14	3511.57	22.23	22.44	0.21	3489.31
MW - 7	08/27/14	3511.57	22.26	22.49	0.23	3489.28
MW - 7	09/24/14	3511.57	21.68	21.95	0.27	3489.85

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	10/01/14	3511.57	21.35	21.47	0.12	3490.20
MW - 7	10/07/14	3511.57	21.19	21.22	0.03	3490.38
MW - 7	10/14/14	3511.57	21.16	21.22	0.06	3490.40
MW - 7	10/15/14	3511.57	21.16	21.22	0.06	3490.40
MW - 7	10/20/14	3511.57	21.12	21.29	0.17	3490.42
MW - 7	10/24/14	3511.57	21.11	21.30	0.19	3490.43
MW - 7	10/27/14	3511.57	21.12	21.19	0.07	3490.44
MW - 7	11/11/14	3511.57	21.05	21.43	0.38	3490.46
MW - 7	11/19/14	3511.57	21.05	21.43	0.38	3490.46
MW - 7	12/08/14	3511.57	21.06	21.33	0.27	3490.47
MW - 7	12/15/14	3511.57	21.06	21.44	0.38	3490.45
MW - 7	12/18/14	3511.57	21.04	21.22	0.18	3490.50
MW - 7	12/22/14	3511.57	21.04	21.22	0.18	3490.50
MW - 7	12/29/14	3511.57	21.05	21.26	0.21	3490.49
MW - 7	01/05/15	3511.57	21.07	21.23	0.16	3490.48
MW - 7	01/12/15	3511.57	21.09	21.28	0.19	3490.45
MW - 7	01/19/15	3511.57	21.05	21.19	0.14	3490.50
MW - 7	02/04/15	3511.57	21.05	21.21	0.16	3490.50
MW - 7	02/09/15	3511.57	21.04	21.14	0.10	3490.52
MW - 7	02/19/15	3511.57	21.04	21.20	0.16	3490.51
MW - 7	03/03/15	3511.57	21.01	21.17	0.16	3490.54
MW - 7	03/09/15	3511.57	21.04	21.19	0.15	3490.51
MW - 7	03/16/15	3511.57	21.02	21.13	0.11	3490.53
MW - 7	03/20/15	3511.57	21.06	21.22	0.16	3490.49
MW - 7	03/23/15	3511.57	21.01	21.12	0.11	3490.54
MW - 7	03/30/15	3511.57	21.01	21.16	0.15	3490.54
MW - 7	04/04/15	3511.57	21.03	21.15	0.12	3490.52
MW - 7	04/07/15	3511.57	21.01	21.13	0.12	3490.54
MW - 7	04/14/15	3511.57	20.99	21.13	0.14	3490.56
MW - 7	04/20/15	3511.57	20.95	21.07	0.12	3490.60
MW - 7	04/27/15	3511.57	20.98	21.10	0.12	3490.57
MW - 7	05/07/15	3511.57	20.93	21.03	0.10	3490.63
MW - 7	05/11/15	3511.57	20.94	21.03	0.09	3490.62
MW - 7	05/21/15	3511.57	20.90	21.00	0.10	3490.66
MW - 7	05/27/15	3511.57	20.89	21.02	0.13	3490.66
MW - 7	05/28/15	3511.57	20.87	21.04	0.17	3490.67
MW - 7	06/03/15	3511.57	20.87	21.06	0.19	3490.67
MW - 7	06/08/15	3511.57	20.88	21.10	0.22	3490.66
MW - 7	06/15/15	3511.57	20.90	21.07	0.17	3490.64
MW - 7	06/25/15	3511.57	20.85	21.03	0.18	3490.69
MW - 7	06/29/15	3511.57	20.86	20.99	0.13	3490.69
MW - 7	07/08/15	3511.57	20.93	21.16	0.23	3490.61
MW - 7	07/09/15	3511.57	20.93	21.07	0.14	3490.62
MW - 7	07/14/15	3511.57	20.97	21.18	0.21	3490.57
MW - 7	07/20/15	3511.57	21.04	21.22	0.18	3490.50
MW - 7	07/28/15	3511.57	21.12	21.35	0.23	3490.42
MW - 7	08/03/15	3511.57	21.18	21.43	0.25	3490.35
MW - 7	08/04/15	3511.57	21.21	21.46	0.25	3490.32
MW - 7	08/10/15	3511.57	21.27	21.43	0.16	3490.28
MW - 7	08/17/15	3511.57	21.30	21.52	0.22	3490.24
MW - 7	08/25/15	3511.57	21.33	21.54	0.21	3490.21
MW - 7	08/31/15	3511.57	21.36	21.58	0.22	3490.18
MW - 7	09/08/15	3511.57	21.35	21.66	0.31	3490.17
MW - 7	09/15/15	3511.57	21.37	21.69	0.32	3490.15

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	09/24/15	3511.57	21.47	21.59	0.12	3490.08
MW - 7	09/28/15	3511.57	21.43	21.60	0.17	3490.11
MW - 7	10/06/15	3511.57	21.44	21.63	0.19	3490.10
MW - 7	10/12/15	3511.57	21.38	21.51	0.13	3490.17
MW - 7	10/26/15	3511.57	21.22	21.37	0.15	3490.33
MW - 7	11/06/15	3511.57	21.12	21.32	0.20	3490.42
MW - 7	11/10/15	3511.57	21.10	21.25	0.15	3490.45
MW - 7	11/18/15	3511.57	21.05	21.24	0.19	3490.49
MW - 7	12/02/15	3511.57	21.04	21.32	0.28	3490.49
MW - 7	12/07/15	3511.57	20.99	21.24	0.25	3490.54
MW - 7	12/14/15	3511.57	20.98	21.22	0.24	3490.55
MW - 7	01/05/16	3511.57	20.93	21.24	0.31	3490.59
MW - 7	01/08/16	3511.57	20.94	21.32	0.38	3490.57
MW - 7	01/12/16	3511.57	20.96	21.27	0.31	3490.56
MW - 7	01/18/16	3511.57	20.93	21.21	0.28	3490.60
MW - 7	01/25/16	3511.57	20.93	21.20	0.27	3490.60
MW - 7	02/01/16	3511.57	20.88	21.17	0.29	3490.65
MW - 7	02/08/16	3511.57	20.91	21.21	0.30	3490.62
MW - 7	02/19/16	3511.57	20.85	21.16	0.31	3490.67
MW - 7	02/23/16	3511.57	20.84	21.15	0.31	3490.68
MW - 7	03/03/16	3511.57	20.85	21.20	0.35	3490.67
MW - 7	03/07/16	3511.57	20.82	21.11	0.29	3490.71
MW - 7	03/15/16	3511.57	20.81	21.10	0.29	3490.72
MW - 7	03/21/16	3511.57	20.76	21.06	0.30	3490.77
MW - 7	03/28/16	3511.57	20.78	21.01	0.23	3490.76
MW - 7	04/05/16	3511.57	20.75	20.97	0.22	3490.79
MW - 7	04/08/16	3511.57	20.79	21.04	0.25	3490.74
MW - 7	04/12/16	3511.57	20.76	20.99	0.23	3490.78
MW - 7	04/18/16	3511.57	20.76	20.98	0.22	3490.78
MW - 7	04/25/16	3511.57	20.70	20.93	0.23	3490.84
MW - 7	05/02/16	3511.57	20.69	20.94	0.25	3490.84
MW - 7	05/23/16	3511.57	20.71	20.95	0.24	3490.82
MW - 7	06/01/16	3511.57	20.77	21.05	0.28	3490.76
MW - 7	06/06/16	3511.57	20.82	21.15	0.33	3490.70
MW - 7	06/09/16	3511.57	20.82	21.15	0.33	3490.70
MW - 7	06/28/16	3511.57	21.04	21.49	0.45	3490.46
MW - 7	07/12/16	3511.57	21.21	21.84	0.63	3490.27
MW - 7	07/19/16	3511.57	21.30	21.70	0.40	3490.21
MW - 7	07/27/16	3511.57	21.36	21.75	0.39	3490.15
MW - 7	08/03/16	3511.57	21.40	21.84	0.44	3490.10
MW - 7	08/04/16	3511.57	21.43	21.87	0.44	3490.07
MW - 7	08/08/16	3511.57	21.45	21.94	0.49	3490.05
MW - 7	08/16/16	3511.57	21.49	22.00	0.51	3490.00
MW - 7	08/23/16	3511.57	21.51	21.98	0.47	3489.99
MW - 7	08/31/16	3511.57	21.34	21.71	0.37	3490.17
MW - 7	09/14/16	3511.57	20.68	20.96	0.28	3490.85
MW - 7	09/22/16	3511.57	20.49	20.77	0.28	3491.04
MW - 7	09/27/16	3511.57	20.41	20.71	0.30	3491.12
MW - 7	10/07/16	3511.57	20.39	20.63	0.24	3491.14
MW - 7	10/21/16	3511.57	20.36	20.58	0.22	3491.18
MW - 7	10/28/16	3511.57	20.38	20.67	0.29	3491.15
MW - 7	11/04/16	3511.57	20.41	20.55	0.14	3491.14
MW - 7	11/09/16	3511.57	20.41	20.65	0.24	3491.12
MW - 7	12/06/16	3511.57	20.39	20.42	0.03	3491.18

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	12/15/16	3511.57	20.44	20.66	0.22	3491.10
MW - 7	12/22/16	3511.57	20.46	20.65	0.19	3491.08
MW - 7	12/29/16	3511.57	20.49	20.65	0.16	3491.06
MW - 7	01/05/17	3511.57	20.39	20.58	0.19	3491.15
MW - 7	01/11/17	3511.57	20.43	20.53	0.10	3491.13
MW - 7	01/18/17	3511.57	20.45	20.57	0.12	3491.10
MW - 7	01/26/17	3511.57	20.47	20.59	0.12	3491.08
MW - 7	01/31/17	3511.57	20.43	20.52	0.09	3491.13
MW - 7	02/10/17	3511.57	20.44	20.57	0.13	3491.11
MW - 7	02/17/17	3511.57	20.40	20.54	0.14	3491.15
MW - 7	02/24/17	3511.57	20.45	20.63	0.18	3491.09
MW - 7	03/01/17	3511.57	20.48	20.60	0.12	3491.07
MW - 7	03/09/17	3511.57	20.40	20.55	0.15	3491.15
MW - 7	03/15/17	3511.57	20.40	20.54	0.14	3491.15
MW - 7	03/22/17	3511.57	20.42	20.62	0.20	3491.12
MW - 7	04/07/17	3511.57	20.39	20.57	0.18	3491.15
MW - 7	04/11/17	3511.57	20.39	20.48	0.09	3491.17
MW - 7	04/20/17	3511.57	20.34	20.51	0.17	3491.20
MW - 7	05/02/17	3511.57	20.34	20.51	0.17	3491.20
MW - 7	05/12/17	3511.57	20.37	20.51	0.14	3491.18
MW - 7	05/16/17	3511.57	20.39	20.51	0.12	3491.16
MW - 7	05/24/17	3511.57	20.44	20.58	0.14	3491.11
MW - 7	06/02/17	3511.57	20.51	20.71	0.20	3491.03
MW - 7	06/05/17	3511.57	20.53	20.70	0.17	3491.01
MW - 7	06/15/17	3511.57	20.67	20.85	0.18	3490.87
MW - 7	06/28/17	3511.57	20.79	20.98	0.19	3490.75
MW - 7	07/05/17	3511.57	20.88	21.15	0.27	3490.65
MW - 7	07/11/17	3511.57	20.82	21.02	0.20	3490.72
MW - 7	07/17/17	3511.57	20.96	21.19	0.23	3490.58
MW - 7	07/20/17	3511.57	21.00	21.19	0.19	3490.54
MW - 7	08/11/17	3511.57	20.97	21.13	0.16	3490.58
MW - 7	08/16/17	3511.57	20.96	21.18	0.22	3490.58
MW - 7	09/05/17	3511.57	20.76	20.91	0.15	3490.79
MW - 7	09/13/17	3511.57	20.75	20.93	0.18	3490.79
MW - 7	09/19/17	3511.57	20.76	20.95	0.19	3490.78
MW - 7	09/29/17	3511.57	20.81	21.04	0.23	3490.73
MW - 7	10/05/17	3511.57	20.85	21.09	0.24	3490.68
MW - 7	10/12/17	3511.57	20.67	20.86	0.19	3490.87
MW - 7	10/20/17	3511.57	20.63	20.86	0.23	3490.91
MW - 7	10/24/17	3511.57	20.65	20.86	0.21	3490.89
MW - 7	11/02/17	3511.57	20.59	20.79	0.20	3490.95
MW - 7	11/14/17	3511.57	20.57	20.80	0.23	3490.97
MW - 7	11/21/17	3511.57	20.59	20.84	0.25	3490.94
MW - 7	12/08/17	3511.57	20.52	20.64	0.12	3491.03
MW - 7	12/14/17	3511.57	20.57	20.66	0.09	3490.99
MW - 7	12/20/17	3511.57	20.49	20.56	0.07	3491.07
MW - 7	12/28/17	3511.57	20.47	20.53	0.06	3491.09
MW - 7	01/03/18	3511.57	20.52	20.58	0.06	3491.04
MW - 7	01/09/18	3511.57	20.47	20.56	0.09	3491.09
MW - 7	01/19/18	3511.57	20.48	20.56	0.08	3491.08
MW - 7	01/24/18	3511.57	20.49	20.58	0.09	3491.07
MW - 7	02/02/18	3511.57	20.48	20.58	0.10	3491.08
MW - 7	02/08/18	3511.57	20.44	20.49	0.05	3491.12
MW - 7	02/12/18	3511.57	20.39	20.43	0.04	3491.17

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	02/22/18	3511.57	20.46	20.54	0.08	3491.10
MW - 7	03/02/18	3511.57	20.44	20.53	0.09	3491.12
MW - 7	03/07/18	3511.57	20.44	20.53	0.09	3491.12
MW - 7	03/15/18	3511.57	20.42	20.50	0.08	3491.14
MW - 7	03/19/18	3511.57	20.41	20.49	0.08	3491.15
MW - 7	03/29/18	3511.57	20.43	20.54	0.11	3491.12
MW - 7	04/02/18	3511.57	20.40	20.53	0.13	3491.15
MW - 7	04/11/18	3511.57	20.37	20.51	0.14	3491.18
MW - 7	04/16/18	3511.57	20.37	20.49	0.12	3491.18
MW - 7	04/25/18	3511.57	20.42	20.56	0.14	3491.13
MW - 7	05/01/18	3511.57	20.40	20.53	0.13	3491.15
MW - 7	05/08/18	3511.57	20.43	20.56	0.13	3491.12
MW - 7	05/31/18	3511.57	20.70	20.85	0.15	3490.85
MW - 7	06/06/18	3511.57	20.79	20.91	0.12	3490.76
MW - 7	06/13/18	3511.57	20.81	20.91	0.10	3490.75
MW - 7	06/18/18	3511.57	20.86	21.04	0.18	3490.68
MW - 7	06/25/18	3511.57	20.87	20.91	0.04	3490.69
MW - 7	07/02/18	3511.57	20.98	20.99	0.01	3490.59
MW - 7	07/11/18	3511.57	21.03	21.09	0.06	3490.53
MW - 7	07/19/18	3511.57	21.09	21.14	0.05	3490.47
MW - 7	07/27/18	3511.57	-	21.18	0.00	3490.39
MW - 7	08/08/18	3511.57	-	21.28	0.00	3490.29
MW - 7	08/30/18	3511.57	-	21.37	0.00	3490.20
MW - 7	09/12/18	3511.57	-	21.35	0.00	3490.22
MW - 7	09/20/18	3511.57	-	21.26	0.00	3490.31
MW - 7	09/26/18	3511.57	-	21.26	0.00	3490.31
MW - 7	10/03/18	3511.57	-	21.26	0.00	3490.31
MW - 7	10/19/18	3511.57	-	21.25	0.00	3490.32
MW - 7	10/31/18	3511.57	-	21.13	0.00	3490.44
MW - 7	11/06/18	3511.57	-	21.11	0.00	3490.46
MW - 7	11/13/18	3511.57	-	21.12	0.00	3490.45
MW - 7	12/03/18	3511.57	-	21.04	0.00	3490.53
MW - 7	12/19/18	3511.57	-	20.93	0.00	3490.64
MW - 7	12/27/18	3511.57	-	20.89	0.00	3490.68
MW - 7	01/03/19	3511.57	-	24.95	0.00	3486.62
MW - 7	01/09/19	3511.57	-	20.89	0.00	3490.68
MW - 7	01/16/19	3511.57	20.89	20.99	0.10	3490.67
MW - 7	01/23/19	3511.57	20.91	20.99	0.08	3490.65
MW - 7	01/31/19	3511.57	-	20.84	0.00	3490.73
MW - 7	02/06/19	3511.57	-	20.83	0.00	3490.74
MW - 7	02/13/19	3511.57	-	20.81	0.00	3490.76
MW - 7	02/21/19	3511.57	-	20.80	0.00	3490.77
MW - 7	02/07/19	3511.57	-	26.72	0.00	3484.85
MW - 7	02/28/19	3511.57	-	20.76	0.00	3490.81
MW - 7	03/06/19	3511.57	-	20.74	0.00	3490.83
MW - 7	03/12/19	3511.57	-	20.76	0.00	3490.81
MW - 7	03/19/19	3511.57	-	20.72	0.00	3490.85
MW - 7	03/28/19	3511.57	-	20.78	0.00	3490.79
MW - 7	04/01/19	3511.57	-	20.71	0.00	3490.86
MW - 7	04/10/19	3511.57	-	20.70	0.00	3490.87
MW - 7	04/17/19	3511.57	-	20.67	0.00	3490.90
MW - 7	04/24/19	3511.57	-	21.70	0.00	3489.87
MW - 7	05/01/19	3511.57	-	20.70	0.00	3490.87
MW - 7	05/08/19	3511.57	-	20.68	0.00	3490.89

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	05/17/19	3511.57	-	20.63	0.00	3490.94
MW - 7	05/23/19	3511.57	-	20.68	0.00	3490.89
MW - 7	05/31/19	3511.57	-	20.80	0.00	3490.77
MW - 7	06/14/19	3511.57	-	20.86	0.00	3490.71
MW - 7	06/18/19	3511.57	-	20.91	0.00	3490.66
MW - 7	06/28/19	3511.57	-	21.06	0.00	3490.51
MW - 7	07/11/19	3511.57	-	21.17	0.00	3490.40
MW - 7	07/19/19	3511.57	-	21.26	0.00	3490.31
MW - 7	07/26/19	3511.57	21.25	21.27	0.02	3490.32
MW - 7	08/02/19	3511.57	21.28	21.30	0.02	3490.29
MW - 7	08/08/19	3511.57	-	21.33	0.00	3490.24
MW - 7	08/16/19	3511.57	-	21.40	0.00	3490.17
MW - 7	08/20/19	3511.57	-	21.43	0.00	3490.14
MW - 7	09/12/19	3511.57	-	21.55	0.00	3490.02
MW - 7	09/17/19	3511.57	-	21.56	0.00	3490.01
MW - 7	10/08/19	3511.57	-	21.44	0.00	3490.13
MW - 7	10/15/19	3511.57	-	21.34	0.00	3490.23
MW - 7	10/24/19	3511.57	-	21.34	0.00	3490.23
MW - 7	10/31/19	3511.57	-	21.29	0.00	3490.28
MW - 7	11/06/19	3511.57	-	21.26	0.00	3490.31
MW - 7	11/13/19	3511.57	-	21.21	0.00	3490.36
MW - 7	11/22/19	3511.57	-	21.16	0.00	3490.41
MW - 7	12/02/19	3511.57	-	21.09	0.00	3490.48
MW - 7	12/12/19	3511.57	-	21.04	0.00	3490.53
MW - 7	12/17/19	3511.57	-	21.05	0.00	3490.52
MW - 7	12/26/19	3511.57	-	21.01	0.00	3490.56
MW - 7	01/06/20	3511.57	-	21.01	0.00	3490.56
MW - 7	01/17/20	3511.57	-	20.98	0.00	3490.59
MW - 7	01/23/20	3511.57	-	20.95	0.00	3490.62
MW - 7	01/29/20	3511.57	-	21.96	0.00	3489.61
MW - 7	02/14/20	3511.57	-	20.92	0.00	3490.65
MW - 7	02/21/20	3511.57	-	20.92	0.00	3490.65
MW - 7	02/28/20	3511.57	-	20.89	0.00	3490.68
MW - 7	03/11/20	3511.57	-	20.87	0.00	3490.70
MW - 7	03/05/20	3511.57	-	20.91	0.00	3490.66
MW - 7	05/14/20	3511.57	20.66	20.67	0.01	3490.91
MW - 7	05/21/20	3511.57	20.70	20.71	0.01	3490.87
MW - 7	06/18/20	3511.57	21.10	21.12	0.02	3490.47
MW - 7	07/01/20	3511.57	21.25	21.30	0.05	3490.31
MW - 7	07/21/20	3511.57	21.36	21.67	0.31	3490.16
MW - 7	07/27/20	3511.57	21.40	21.73	0.33	3490.12
MW - 7	08/13/20	3511.57	21.49	21.80	0.31	3490.03
MW - 7	09/14/20	3511.57	21.60	22.04	0.44	3489.90
MW - 7	09/30/20	3511.57	21.61	22.07	0.46	3489.89
MW - 7	10/16/20	3511.57	21.68	22.12	0.44	3489.82
MW - 7	11/23/20	3511.57	21.70	22.15	0.45	3489.80
MW - 7	12/10/20	3511.57	21.70	22.02	0.32	3489.82
MW - 7	12/31/20	3511.57	21.67	22.10	0.43	3489.84
MW - 7	01/13/21	3511.57	21.64	22.04	0.40	3489.87
MW - 7	01/22/21	3511.57	21.65	22.05	0.40	3489.86
MW - 7	02/11/21	3511.57	21.60	22.02	0.42	3489.91
MW - 7	03/12/21	3511.57	21.53	21.95	0.42	3489.98
MW - 7	04/21/21	3511.57	21.48	21.90	0.42	3490.03
MW - 7	04/28/21	3511.57	21.46	22.11	0.65	3490.01

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	05/20/21	3511.57	21.35	21.80	0.45	3490.15
MW - 7	06/11/21	3511.57	21.48	22.05	0.57	3490.00
MW - 7	07/31/21	3511.57	21.50	22.58	1.08	3489.91
MW - 7	08/31/21	3511.57	21.80	22.59	0.79	3489.65
MW - 7	09/23/21	3511.57	21.82	22.22	0.40	3489.69
MW - 7	10/14/21	3511.57	21.84	22.20	0.36	3489.68
MW - 7	11/22/21	3511.57	21.93	22.60	0.67	3489.54
MW - 7	12/07/21	3511.57	21.93	22.20	0.27	3489.60
MW - 8	11/11/03	3506.39	20.25	20.39	0.14	3486.12
MW - 8	11/18/03	3506.39	19.95	20.09	0.14	3486.42
MW - 8	12/10/03	3506.39	19.83	20.09	0.26	3486.52
MW - 8	06/20/02	3506.39	18.31	18.99	0.68	3487.98
MW - 8	09/26/02	3506.39	18.58	19.83	1.25	3487.62
MW - 8	11/12/02	3506.39	18.67	19.63	0.96	3487.58
MW - 8	01/07/03	3506.39	18.40	19.36	0.96	3487.85
MW - 8	01/27/03	3506.39	18.46	18.93	0.47	3487.86
MW - 8	02/26/03	3506.39	18.27	19.12	0.85	3487.99
MW - 8	03/11/03	3506.39	18.37	18.61	0.24	3487.98
MW - 8	03/19/03	3506.39	18.39	18.58	0.19	3487.97
MW - 8	03/25/03	3506.39	18.34	18.53	0.19	3488.02
MW - 8	04/16/03	3506.39	18.32	18.48	0.16	3488.05
MW - 8	04/23/03	3506.39	18.28	18.77	0.49	3488.04
MW - 8	04/29/03	3506.39	18.26	18.78	0.52	3488.05
MW - 8	05/14/03	3506.39	18.37	19.02	0.65	3487.92
MW - 8	05/20/03	3506.39	18.56	19.20	0.64	3487.73
MW - 8	05/27/03	3506.39	18.58	19.10	0.52	3487.73
MW - 8	06/04/03	3506.39	18.53	18.86	0.33	3487.81
MW - 8	06/26/03	3506.39	18.32	18.60	0.28	3488.03
MW - 8	07/07/03	3506.39	18.99	19.47	0.48	3487.33
MW - 8	07/30/03	3506.39	19.00	19.57	0.57	3487.30
MW - 8	08/06/03	3506.39	19.27	19.70	0.43	3487.06
MW - 8	08/21/03	3506.39	19.42	19.94	0.52	3486.89
MW - 8	08/26/03	3506.39	19.54	19.94	0.40	3486.79
MW - 8	09/08/03	3506.39	19.39	19.81	0.42	3486.94
MW - 8	09/15/03	3506.39	19.41	19.80	0.39	3486.92
MW - 8	09/24/03	3506.39	19.74	20.19	0.45	3486.58
MW - 8	10/02/03	3506.39	19.49	20.19	0.70	3486.80
MW - 8	10/08/03	3506.39	19.38	20.04	0.66	3486.91
MW - 8	10/16/03	3506.39	19.72	20.42	0.70	3486.57
MW - 8	10/28/03	3506.39	19.72	20.50	0.78	3486.55
MW - 8	11/11/03	3506.39	19.83	20.50	0.67	3486.46
MW - 8	12/10/03	3506.39	19.37	19.99	0.62	3486.93
MW - 8	02/02/04	3506.39	19.32	20.67	1.35	3486.87
MW - 8	02/26/04	3506.39	19.30	20.35	1.05	3486.93
MW - 8	03/16/04	3506.39	19.50	20.56	1.06	3486.73
MW - 8	03/19/04	3506.39	19.50	20.46	0.96	3486.75
MW - 8	03/25/04	3506.39	19.46	20.50	1.04	3486.77
MW - 8	04/01/04	3506.39	19.43	20.37	0.94	3486.82
MW - 8	04/08/04	3506.39	19.40	20.44	1.04	3486.83
MW - 8	04/14/04	3506.39	18.63	19.76	1.13	3487.59
MW - 8	04/16/04	3506.39	18.81	19.80	0.99	3487.43
MW - 8	04/22/04	3506.39	17.95	19.13	1.18	3488.26
MW - 8	04/29/04	3506.39	17.95	19.18	1.23	3488.26

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 8	05/11/04	3506.39	17.92	19.30	1.38	3488.26
MW - 8	06/08/04	3506.39	18.06	19.63	1.57	3488.09
MW - 8	06/17/04	3506.39	18.02	19.71	1.69	3488.12
MW - 8	06/22/04	3506.39	18.07	19.83	1.76	3488.06
MW - 8	06/29/04	3506.39	18.04	19.88	1.84	3488.07
MW - 8	07/06/04	3506.39	18.00	19.65	1.65	3488.14
MW - 8	07/13/04	3506.39	18.03	19.67	1.64	3488.11
MW - 8	07/20/04	3506.39	18.20	19.88	1.68	3487.94
MW - 8	08/04/04	3506.39	18.19	19.89	1.70	3487.95
MW - 8	08/10/04	3506.39	18.20	19.81	1.61	3487.95
MW - 8	08/16/04	3506.39	18.37	19.32	0.95	3487.88
MW - 8	08/23/04	3506.39	18.30	19.88	1.58	3487.85
MW - 8	08/25/04	3506.39	18.33	19.65	1.32	3487.86
MW - 8	08/26/04	3506.39	18.29	19.65	1.36	3487.90
MW - 8	08/31/04	3506.39	18.37	19.76	1.39	3487.81
MW - 8	09/13/04	3506.39	18.45	19.72	1.27	3487.75
MW - 8	09/20/04	3506.39	18.53	19.72	1.19	3487.68
MW - 8	09/30/04	3506.39	18.58	19.63	1.05	3487.65
MW - 8	10/04/04	3506.39	17.88	19.22	1.34	3488.31
MW - 8	10/11/04	3506.39	17.76	19.55	1.79	3488.36
MW - 8	10/18/04	3506.39	17.70	19.59	1.89	3488.41
MW - 8	10/26/04	3506.39	17.89	19.22	1.33	3488.30
MW - 8	11/02/04	3506.39	18.08	18.49	0.41	3488.25
MW - 8	11/08/04	3506.39	17.94	18.94	1.00	3488.30
MW - 8	11/15/04	3506.39	17.76	18.80	1.04	3488.47
MW - 8	12/01/04	3506.39	17.78	18.87	1.09	3488.45
MW - 8	12/03/04	3506.39	17.78	18.84	1.06	3488.45
MW - 8	12/14/04	3506.39	17.62	18.11	0.49	3488.70
MW - 8	12/21/04	3506.39	17.58	18.45	0.87	3488.68
MW - 8	12/29/04	3506.39	17.56	18.48	0.92	3488.69
MW - 8	01/11/05	3506.39	17.38	18.29	0.91	3488.87
MW - 8	01/14/05	3506.39	17.42	18.20	0.78	3488.85
MW - 8	01/18/05	3506.39	17.29	18.81	1.52	3488.87
MW - 8	01/21/05	3506.39	17.35	18.09	0.74	3488.93
MW - 8	01/25/05	3506.39	17.29	18.74	1.45	3488.88
MW - 8	01/28/05	3506.39	17.40	18.13	0.73	3488.88
MW - 8	02/02/05	3506.39	17.26	18.69	1.43	3488.92
MW - 8	02/05/05	3506.39	17.39	18.02	0.63	3488.91
MW - 8	02/08/05	3506.39	17.26	18.25	0.99	3488.98
MW - 8	02/15/05	3506.39	17.22	18.14	0.92	3489.03
MW - 8	02/18/05	3506.39	17.33	18.03	0.70	3488.96
MW - 8	02/22/05	3506.39	17.21	17.94	0.73	3489.07
MW - 8	02/25/05	3506.39	17.21	17.68	0.47	3489.11
MW - 8	03/01/05	3506.39	17.14	17.88	0.74	3489.14
MW - 8	03/04/05	3506.39	17.18	17.71	0.53	3489.13
MW - 8	03/08/05	3506.39	17.12	17.80	0.68	3489.17
MW - 8	03/08/05	3506.39	17.12	17.82	0.70	3489.17
MW - 8	03/11/05	3506.39	17.20	17.71	0.51	3489.11
MW - 8	03/15/05	3506.39	17.12	17.56	0.44	3489.20
MW - 8	03/18/05	3506.39	17.10	17.55	0.45	3489.22
MW - 8	03/22/05	3506.39	17.10	17.41	0.31	3489.24
MW - 8	03/28/05	3506.39	17.02	17.49	0.47	3489.30
MW - 8	04/01/05	3506.39	17.05	17.53	0.48	3489.27
MW - 8	04/05/05	3506.39	17.00	17.54	0.54	3489.31

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 8	04/08/05	3506.39	17.03	17.55	0.52	3489.28
MW - 8	04/15/05	3506.39	16.90	17.74	0.84	3489.36
MW - 8	05/25/05	3506.39	16.73	17.40	0.67	3489.56
MW - 8	05/27/05	3506.39	16.88	17.36	0.48	3489.44
MW - 8	05/31/05	3506.39	16.69	17.20	0.51	3489.62
MW - 8	06/03/05	3506.39	16.65	17.30	0.65	3489.64
MW - 8	06/08/05	3506.39	16.66	17.26	0.60	3489.64
MW - 8	06/08/05	3506.39	16.66	17.26	0.60	3489.64
MW - 8	06/13/05	3506.39	16.64	17.37	0.73	3489.64
MW - 8	06/20/05	3506.39	16.67	17.39	0.72	3489.61
MW - 8	06/24/05	3506.39	16.65	17.45	0.80	3489.62
MW - 8	06/27/05	3506.39	16.70	17.14	0.44	3489.62
MW - 8	07/11/05	3506.39	16.79	17.50	0.71	3489.49
MW - 8	07/15/05	3506.39	16.86	17.40	0.54	3489.45
MW - 8	07/18/05	3506.39	16.86	17.52	0.66	3489.43
MW - 8	07/21/05	3506.39	16.95	17.35	0.40	3489.38
MW - 8	07/25/05	3506.39	16.96	17.80	0.84	3489.30
MW - 8	08/01/05	3506.39	16.99	17.68	0.69	3489.30
MW - 8	08/04/05	3506.39	17.10	17.56	0.46	3489.22
MW - 8	08/12/05	3506.39	17.52	17.73	0.21	3488.84
MW - 8	08/15/05	3506.39	16.97	18.00	1.03	3489.27
MW - 8	08/23/05	3506.39	16.80	17.49	0.69	3489.49
MW - 8	08/30/05	3506.39	16.78	17.48	0.70	3489.51
MW - 8	09/06/05	3506.39	16.70	17.78	1.08	3489.53
MW - 8	09/13/05	3506.39	16.78	17.90	1.12	3489.44
MW - 8	09/15/05	3506.39	16.81	17.42	0.61	3489.49
MW - 8	09/19/05	3506.39	16.77	17.50	0.73	3489.51
MW - 8	09/27/05	3506.39	16.71	17.96	1.25	3489.49
MW - 8	10/03/05	3506.39	16.90	17.43	0.53	3489.41
MW - 8	10/08/05	3506.39	16.69	17.33	0.64	3489.60
MW - 8	10/10/05	3506.39	16.80	17.70	0.90	3489.46
MW - 8	10/17/05	3506.39	16.61	17.75	1.14	3489.61
MW - 8	10/24/05	3506.39	16.69	17.36	0.67	3489.60
MW - 8	10/31/05	3506.39	16.68	17.50	0.82	3489.59
MW - 8	11/15/05	3506.39	16.72	17.51	0.79	3489.55
MW - 8	11/22/05	3506.39	16.67	17.22	0.55	3489.64
MW - 8	11/27/05	3506.39	16.72	17.19	0.47	3489.60
MW - 8	12/07/05	3506.39	16.74	16.98	0.24	3489.61
MW - 8	12/12/05	3506.39	16.70	17.20	0.50	3489.62
MW - 8	12/16/05	3506.39	16.66	17.25	0.59	3489.64
MW - 8	12/22/05	3506.39	16.60	17.35	0.75	3489.68
MW - 8	12/27/05	3506.39	16.63	17.35	0.72	3489.65
MW - 8	01/03/06	3506.39	16.66	17.72	1.06	3489.57
MW - 8	01/09/06	3506.39	16.70	17.20	0.50	3489.62
MW - 8	01/16/06	3506.39	16.64	17.18	0.54	3489.67
MW - 8	01/23/06	3506.39	16.67	17.18	0.51	3489.64
MW - 8	01/30/06	3506.39	16.71	17.20	0.49	3489.61
MW - 8	02/06/06	3506.39	16.63	17.30	0.67	3489.66
MW - 8	02/14/06	3506.39	16.63	17.33	0.70	3489.66
MW - 8	02/21/06	3506.39	16.60	17.40	0.80	3489.67
MW - 8	03/01/06	3506.39	16.61	17.05	0.44	3489.71
MW - 8	03/06/06	3506.39	16.69	17.08	0.39	3489.64
MW - 8	03/16/06	3506.39	16.65	17.01	0.36	3489.69
MW - 8	03/17/06	3506.39	16.64	17.05	0.41	3489.69

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 8	03/21/06	3506.39	16.67	17.13	0.46	3489.65
MW - 8	03/28/06	3506.39	16.69	17.10	0.41	3489.64
MW - 8	04/03/06	3506.39	16.61	16.94	0.33	3489.73
MW - 8	04/10/06	3506.39	16.67	16.88	0.21	3489.69
MW - 8	04/17/06	3506.39	16.59	16.82	0.23	3489.77
MW - 8	05/01/06	3506.39	16.57	16.93	0.36	3489.77
MW - 8	05/08/06	3506.39	16.60	17.04	0.44	3489.72
MW - 8	05/15/06	3506.39	16.68	17.00	0.32	3489.66
MW - 8	05/30/06	3506.39	16.77	17.74	0.97	3489.47
MW - 8	06/05/06	3506.39	16.90	17.77	0.87	3489.36
MW - 8	06/12/06	3506.39	17.02	17.88	0.86	3489.24
MW - 8	06/15/06	3506.39	WELL OBSTRUCTED			
MW - 8	06/19/06	3506.39	WELL OBSTRUCTED			
MW - 8	07/03/06	3506.39	WELL OBSTRUCTED			
MW - 8	07/10/06	3506.39	WELL OBSTRUCTED			
MW - 8	07/17/06	3506.39	WELL OBSTRUCTED			
MW - 8	07/26/06	3506.39	WELL OBSTRUCTED			
MW - 8	07/31/06	3506.39	WELL OBSTRUCTED			
MW - 8	08/07/06	3506.39	WELL OBSTRUCTED			
MW - 8	08/17/06	3506.39	WELL OBSTRUCTED			
MW - 8	08/21/06	3506.39	WELL OBSTRUCTED			
MW - 8	09/06/06	3506.39	WELL OBSTRUCTED			
MW - 8	09/11/06	3506.39	WELL OBSTRUCTED			
MW - 8	09/18/06	3506.39	16.66	18.71	2.05	3489.42
MW - 8	09/25/06	3506.39	16.70	17.69	0.99	3489.54
MW - 8	10/09/06	3506.39	16.70	18.93	2.23	3489.36
MW - 8	10/17/06	3506.39	16.67	18.70	2.03	3489.42
MW - 8	11/30/06	3506.39	16.75	18.10	1.35	3489.44
MW - 8	12/18/06	3506.39	16.80	18.04	1.24	3489.40
MW - 8	01/02/07	3506.39	16.78	17.43	0.65	3489.51
MW - 8	01/11/07	3506.39	16.73	17.26	0.53	3489.58
MW - 8	01/18/07	3506.39	16.80	17.14	0.34	3489.54
MW - 8	01/22/07	3506.39	16.74	17.15	0.41	3489.59
MW - 8	02/12/07	3506.39	16.66	17.07	0.41	3489.67
MW - 8	02/19/07	3506.39	16.66	17.04	0.38	3489.67
MW - 8	02/27/07	3506.39	16.71	17.47	0.76	3489.57
MW - 8	03/05/07	3506.39	16.74	17.29	0.55	3489.57
MW - 8	03/12/07	3506.39	16.68	17.11	0.43	3489.65
MW - 8	03/19/07	3506.39	16.66	17.21	0.55	3489.65
MW - 8	04/02/07	3506.39	16.71	17.14	0.43	3489.62
MW - 8	04/09/07	3506.39	16.57	16.97	0.40	3489.76
MW - 8	05/01/07	3506.39	16.56	16.90	0.34	3489.78
MW - 8	05/12/07	3506.39	16.56	16.88	0.32	3489.78
MW - 8	05/17/07	3506.39	16.43	16.85	0.42	3489.90
MW - 8	05/21/07	3506.39	16.42	16.77	0.35	3489.92
MW - 8	05/22/07	3506.39	16.42	16.77	0.35	3489.92
MW - 8	06/01/07	3506.39	16.43	16.85	0.42	3489.90
MW - 8	06/06/07	3506.39	16.43	16.87	0.44	3489.89
MW - 8	06/11/07	3506.39	16.51	16.96	0.45	3489.81
MW - 8	06/19/07	3506.39	16.59	17.53	0.94	3489.66
MW - 8	06/25/07	3506.39	16.66	17.04	0.38	3489.67
MW - 8	07/03/07	3506.39	16.76	17.29	0.53	3489.55
MW - 8	07/18/07	3506.39	16.94	17.34	0.40	3489.39
MW - 8	07/23/07	3506.39	17.00	17.39	0.39	3489.33

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 8	07/31/07	3506.39	17.04	17.51	0.47	3489.28
MW - 8	08/14/07	3506.39	17.12	17.74	0.62	3489.18
MW - 8	08/15/07	3506.39	17.12	17.54	0.42	3489.21
MW - 8	08/25/07	3506.39	17.19	17.72	0.53	3489.12
MW - 8	09/05/07	3506.39	17.26	17.88	0.62	3489.04
MW - 8	09/10/07	3506.39	17.19	17.68	0.49	3489.13
MW - 8	09/17/07	3506.39	16.88	17.60	0.72	3489.40
MW - 8	09/24/07	3506.39	16.85	17.31	0.46	3489.47
MW - 8	11/05/07	3506.39	16.90	17.61	0.71	3489.38
MW - 8	11/06/07	3506.39	17.01	17.58	0.57	3489.29
MW - 8	11/12/07	3506.39	16.95	17.41	0.46	3489.37
MW - 8	11/19/07	3506.39	16.93	17.29	0.36	3489.41
MW - 8	11/30/07	3506.39	16.97	17.20	0.23	3489.39
MW - 8	12/03/07	3506.39	16.93	17.22	0.29	3489.42
MW - 8	12/14/07	3506.39	16.90	17.16	0.26	3489.45
MW - 8	12/17/07	3506.39	16.92	17.16	0.24	3489.43
MW - 8	01/09/08	3506.39	16.82	17.36	0.54	3489.49
MW - 8	01/16/08	3506.39	16.88	17.33	0.45	3489.44
MW - 8	01/21/08	3506.39	16.89	17.56	0.67	3489.40
MW - 8	01/30/08	3506.39	16.81	17.15	0.34	3489.53
MW - 8	02/08/08	3506.39	16.84	17.27	0.43	3489.49
MW - 8	02/12/08	3506.39	16.84	17.23	0.39	3489.49
MW - 8	02/14/08	3506.39	16.84	17.16	0.32	3489.50
MW - 8	02/20/08	3506.39	16.80	17.12	0.32	3489.54
MW - 8	02/28/08	3506.39	16.81	17.15	0.34	3489.53
MW - 8	03/05/08	3506.39	16.81	17.24	0.43	3489.52
MW - 8	03/13/08	3506.39	16.79	17.14	0.35	3489.55
MW - 8	03/19/08	3506.39	16.83	17.15	0.32	3489.51
MW - 8	03/24/08	3506.39	16.78	17.17	0.39	3489.55
MW - 8	04/02/08	3506.39	16.79	17.16	0.37	3489.54
MW - 8	04/07/08	3506.39	16.76	17.12	0.36	3489.58
MW - 8	04/14/08	3506.39	16.82	17.16	0.34	3489.52
MW - 8	04/23/08	3506.39	16.76	17.11	0.35	3489.58
MW - 8	05/07/08	3506.39	16.78	17.09	0.31	3489.56
MW - 8	05/13/08	3506.39	16.78	17.09	0.31	3489.56
MW - 8	05/14/08	3506.39	16.76	17.13	0.37	3489.57
MW - 8	05/19/08	3506.39	16.80	17.14	0.34	3489.54
MW - 8	06/09/08	3506.39	17.04	17.57	0.53	3489.27
MW - 8	06/16/08	3506.39	16.79	17.12	0.33	3489.55
MW - 8	06/23/08	3506.39	17.25	17.67	0.42	3489.08
MW - 8	06/30/08	3506.39	17.32	17.78	0.46	3489.00
MW - 8	07/14/08	3506.39	17.35	17.76	0.41	3488.98
MW - 8	07/22/08	3506.39	17.40	17.80	0.40	3488.93
MW - 8	07/29/08	3506.39	17.43	17.92	0.49	3488.89
MW - 8	08/04/08	3506.39	17.45	18.08	0.63	3488.85
MW - 8	08/11/08	3506.39	17.50	18.06	0.56	3488.81
MW - 8	08/14/08	3506.39	17.55	18.03	0.48	3488.77
MW - 8	08/18/08	3506.39	17.51	17.96	0.45	3488.81
MW - 8	08/28/08	3506.39	17.43	17.91	0.48	3488.89
MW - 8	09/02/08	3506.39	17.28	17.74	0.46	3489.04
MW - 8	09/17/08	3506.39	17.15	18.00	0.85	3489.11
MW - 8	09/29/08	3506.39	17.19	17.71	0.52	3489.12
MW - 8	10/06/08	3506.39	17.17	17.69	0.52	3489.14
MW - 8	10/13/08	3506.39	17.24	17.65	0.41	3489.09

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 8	10/20/08	3506.39	17.11	17.34	0.23	3489.25
MW - 8	10/29/08	3506.39	17.07	17.41	0.34	3489.27
MW - 8	10/30/08	3506.39	17.10	17.38	0.28	3489.25
MW - 8	11/06/08	3506.39	17.10	17.40	0.30	3489.25
MW - 8	11/12/08	3506.39	17.07	17.35	0.28	3489.28
MW - 8	11/13/08	3506.39	17.07	17.35	0.28	3489.28
MW - 8	12/16/08	3506.39	17.02	17.42	0.40	3489.31
MW - 8	12/19/08	3506.39	17.10	17.48	0.38	3489.23
MW - 8	12/22/08	3506.39	16.99	17.41	0.42	3489.34
MW - 8	01/06/09	3506.39	16.99	17.41	0.42	3489.34
MW - 8	01/12/09	3506.39	16.99	17.31	0.32	3489.35
MW - 8	01/19/09	3506.39	17.01	17.39	0.38	3489.32
MW - 8	01/22/09	3506.39	17.01	17.26	0.25	3489.34
MW - 8	01/26/09	3506.39	16.99	17.28	0.29	3489.36
MW - 8	02/10/09	3506.39	16.97	17.28	0.31	3489.37
MW - 8	02/13/09	3506.39	17.02	17.55	0.53	3489.29
MW - 8	02/16/09	3506.39	16.97	17.06	0.09	3489.41
MW - 8	02/24/09	3506.39	17.01	17.10	0.09	3489.37
MW - 8	03/02/09	3506.39	17.04	17.13	0.09	3489.34
MW - 8	03/05/09	3506.39	16.94	17.30	0.36	3489.40
MW - 8	03/09/09	3506.39	16.93	17.21	0.28	3489.42
MW - 8	03/16/09	3506.39	16.98	17.28	0.30	3489.37
MW - 8	03/19/09	3506.39	17.07	17.17	0.10	3489.31
MW - 8	03/25/09	3506.39	17.10	17.17	0.07	3489.28
MW - 8	03/30/09	3506.39	17.11	17.19	0.08	3489.27
MW - 8	04/13/09	3506.39	16.89	17.30	0.41	3489.44
MW - 8	04/16/09	3506.39	17.13	17.20	0.07	3489.25
MW - 8	04/21/09	3506.39	17.15	17.20	0.05	3489.23
MW - 8	04/27/09	3506.39	16.94	17.11	0.17	3489.42
MW - 8	04/30/09	3506.39	17.21	17.63	0.42	3489.12
MW - 8	05/06/09	3506.39	17.17	17.20	0.03	3489.22
MW - 8	05/12/09	3506.39	16.92	17.10	0.18	3489.44
MW - 8	05/19/09	3506.39	16.98	17.29	0.31	3489.36
MW - 8	05/26/09	3506.39	17.03	17.40	0.37	3489.30
MW - 8	06/01/09	3506.39	17.09	17.44	0.35	3489.25
MW - 8	06/05/09	3506.39	17.11	17.42	0.31	3489.23
MW - 8	06/12/09	3506.39	17.16	17.47	0.31	3489.18
MW - 8	06/15/09	3506.39	17.18	17.41	0.23	3489.18
MW - 8	06/22/09	3506.39	17.26	17.51	0.25	3489.09
MW - 8	06/24/09	3506.39	17.27	17.50	0.23	3489.09
MW - 8	06/29/09	3506.39	17.31	17.50	0.19	3489.05
MW - 8	07/06/09	3506.39	17.40	17.69	0.29	3488.95
MW - 8	07/09/09	3506.39	17.00	17.29	0.29	3489.35
MW - 8	07/13/09	3506.39	17.01	17.28	0.27	3489.34
MW - 8	07/20/09	3506.39	17.02	17.29	0.27	3489.33
MW - 8	07/23/09	3506.39	17.67	17.88	0.21	3488.69
MW - 8	07/27/09	3506.39	17.68	17.89	0.21	3488.68
MW - 8	07/29/09	3506.39	17.46	17.89	0.43	3488.87
MW - 8	08/03/09	3506.39	17.41	17.80	0.39	3488.92
MW - 8	08/10/09	3506.39	17.53	18.13	0.60	3488.77
MW - 8	08/10/09	3506.39	17.53	18.13	0.60	3488.77
MW - 8	08/18/09	3506.39	17.55	18.07	0.52	3488.76
MW - 8	08/24/09	3506.39	17.60	18.15	0.55	3488.71
MW - 8	08/28/09	3506.39	17.61	18.01	0.40	3488.72

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 8	08/31/09	3506.39	17.71	17.86	0.15	3488.66
MW - 8	09/02/09	3506.39	17.67	17.87	0.20	3488.69
MW - 8	09/08/09	3506.39	17.74	18.12	0.38	3488.59
MW - 8	09/10/09	3506.39	17.69	18.02	0.33	3488.65
MW - 8	09/16/09	3506.39	17.69	18.17	0.48	3488.63
MW - 8	09/18/09	3506.39	17.71	18.38	0.67	3488.58
MW - 8	09/22/09	3506.39	17.71	18.31	0.60	3488.59
MW - 8	09/28/09	3506.39	17.62	18.01	0.39	3488.71
MW - 8	10/09/09	3506.39	17.76	18.65	0.89	3488.50
MW - 8	10/12/09	3506.39	17.08	17.30	0.22	3489.28
MW - 8	10/15/09	3506.39	17.84	18.39	0.55	3488.47
MW - 8	10/20/09	3506.39	17.80	18.32	0.52	3488.51
MW - 8	10/28/09	3506.39	17.79	18.26	0.47	3488.53
MW - 8	11/03/09	3506.39	17.76	18.33	0.57	3488.54
MW - 8	11/12/09	3506.39	17.70	18.20	0.50	3488.62
MW - 8	11/18/09	3506.39	17.77	18.20	0.43	3488.56
MW - 8	12/11/09	3506.39	17.20	18.38	1.18	3489.01
MW - 8	12/16/09	3506.39	17.70	18.36	0.66	3488.59
MW - 8	12/21/09	3506.39	17.69	18.32	0.63	3488.61
MW - 8	12/28/09	3506.39	17.69	18.18	0.49	3488.63
MW - 8	01/04/10	3506.39	17.73	18.30	0.57	3488.57
MW - 8	01/14/10	3506.39	17.69	18.17	0.48	3488.63
MW - 8	01/20/10	3506.39	17.64	18.05	0.41	3488.69
MW - 8	01/25/10	3506.39	17.74	18.16	0.42	3488.59
MW - 8	01/27/10	3506.39	17.64	18.07	0.43	3488.69
MW - 8	02/01/10	3506.39	17.60	17.91	0.31	3488.74
MW - 8	02/08/10	3506.39	17.55	17.81	0.26	3488.80
MW - 8	02/08/10	3506.39	sheen	18.04	0.00	3488.35
MW - 8	02/09/10	3506.39	17.65	17.83	0.18	3488.71
MW - 8	02/19/10	3506.39	17.83	17.94	0.11	3488.54
MW - 8	02/26/10	3506.39	17.56	17.82	0.26	3488.79
MW - 8	03/01/10	3506.39	17.75	18.14	0.39	3488.58
MW - 8	03/04/10	3506.39	17.52	17.79	0.27	3488.83
MW - 8	03/08/10	3506.39	17.47	17.64	0.17	3488.89
MW - 8	03/11/10	3506.39	17.43	17.60	0.17	3488.93
MW - 8	03/15/10	3506.39	17.50	17.71	0.21	3488.86
MW - 8	03/17/10	3506.39	17.41	17.52	0.11	3488.96
MW - 8	03/22/10	3506.39	17.35	17.46	0.11	3489.02
MW - 8	03/29/10	3506.39	17.34	17.50	0.16	3489.03
MW - 8	04/05/10	3506.39	17.38	17.58	0.20	3488.98
MW - 8	04/14/10	3506.39	17.44	17.65	0.21	3488.92
MW - 8	04/16/10	3506.39	17.32	17.41	0.09	3489.06
MW - 8	04/19/10	3506.39	17.34	17.47	0.13	3489.03
MW - 8	04/28/10	3506.39	17.28	17.49	0.21	3489.08
MW - 8	05/05/10	3506.39	17.21	17.36	0.15	3489.16
MW - 8	05/12/10	3506.39	17.30	17.48	0.18	3489.06
MW - 8	05/14/10	3506.39	17.30	17.48	0.18	3489.06
MW - 8	05/21/10	3506.39	17.30	17.45	0.15	3489.07
MW - 8	05/26/10	3506.39	17.23	17.50	0.27	3489.12
MW - 8	06/04/10	3506.39	17.32	17.43	0.11	3489.05
MW - 8	06/07/10	3506.39	17.34	17.72	0.38	3488.99
MW - 8	06/12/10	3506.39	17.39	17.78	0.39	3488.94
MW - 8	06/24/10	3506.39	17.49	17.91	0.42	3488.84
MW - 8	06/30/10	3506.39	17.65	17.99	0.34	3488.69

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 8	07/07/10	3506.39	17.08	17.43	0.35	3489.26
MW - 8	07/12/10	3506.39	16.91	17.17	0.26	3489.44
MW - 8	07/19/10	3506.39	16.88	17.20	0.32	3489.46
MW - 8	08/03/10	3506.39	17.12	17.13	0.01	3489.27
MW - 8	08/11/10	3506.39	16.90	17.18	0.28	3489.45
MW - 8	08/19/10	3506.39	16.89	17.21	0.32	3489.45
MW - 8	08/25/10	3506.39	16.97	17.32	0.35	3489.37
MW - 8	09/01/10	3506.39	16.95	17.24	0.29	3489.40
MW - 8	09/09/10	3506.39	17.03	17.55	0.52	3489.28
MW - 8	09/13/10	3506.39	16.92	17.15	0.23	3489.44
MW - 8	09/29/10	3506.39	17.09	17.67	0.58	3489.21
MW - 8	10/05/10	3506.39	16.91	17.17	0.26	3489.44
MW - 8	10/20/10	3506.39	17.22	17.95	0.73	3489.06
MW - 8	10/25/10	3506.39	17.24	17.96	0.72	3489.04
MW - 8	11/03/10	3506.39	16.91	17.16	0.25	3489.44
MW - 8	11/10/10	3506.39	17.27	17.91	0.64	3489.02
MW - 8	11/12/10	3506.39	17.27	17.91	0.64	3489.02
MW - 8	12/09/10	3506.39	16.91	17.17	0.26	3489.44
MW - 8	01/18/11	3506.39	17.27	17.91	0.64	3489.02
MW - 8	02/16/11	3506.39	17.29	17.95	0.66	3489.00
MW - 8	03/01/11	3506.39	17.08	17.91	0.83	3489.19
MW - 8	03/07/11	3506.39	17.05	17.72	0.67	3489.24
MW - 8	03/22/11	3506.39	17.26	17.93	0.67	3489.03
MW - 8	04/27/11	3506.39	17.15	17.62	0.47	3489.17
MW - 8	05/05/11	3506.39	17.22	17.62	0.40	3489.11
MW - 8	05/10/11	3506.39	17.31	17.61	0.30	3489.04
MW - 8	05/17/11	3506.39	17.20	17.63	0.43	3489.13
MW - 8	05/19/11	3506.39	17.20	17.63	0.43	3489.13
MW - 8	05/24/11	3506.39	17.34	17.75	0.41	3488.99
MW - 8	06/07/11	3506.39	17.43	17.88	0.45	3488.89
MW - 8	06/08/11	3506.39	17.45	17.92	0.47	3488.87
MW - 8	06/14/11	3506.39	17.70	18.25	0.55	3488.61
MW - 8	06/23/11	3506.39	17.81	18.32	0.51	3488.50
MW - 8	06/28/11	3506.39	17.56	18.09	0.53	3488.75
MW - 8	07/06/11	3506.39	17.66	18.17	0.51	3488.65
MW - 8	07/14/11	3506.39	17.49	18.29	0.80	3488.78
MW - 8	07/20/11	3506.39	17.75	18.11	0.36	3488.59
MW - 8	07/27/11	3506.39	17.78	18.16	0.38	3488.55
MW - 8	08/03/11	3506.39	17.80	18.08	0.28	3488.55
MW - 8	08/10/11	3506.39	17.82	18.14	0.32	3488.52
MW - 8	08/18/11	3506.39	17.84	18.20	0.36	3488.50
MW - 8	08/25/11	3506.39	17.88	18.30	0.42	3488.45
MW - 8	09/07/11	3506.39	17.91	18.50	0.59	3488.39
MW - 8	09/14/11	3506.39	18.09	18.73	0.64	3488.20
MW - 8	11/14/11	3506.39	17.86	18.40	0.54	3488.45
MW - 8	12/01/11	3506.39	17.83	18.54	0.71	3488.45
MW - 8	12/08/11	3506.39	17.80	18.24	0.44	3488.52
MW - 8	12/14/11	3506.39	17.92	18.35	0.43	3488.41
MW - 8	01/12/12	3506.39	17.78	18.24	0.46	3488.54
MW - 8	01/19/12	3506.39	17.71	18.13	0.42	3488.62
MW - 8	02/03/12	3506.39	17.68	18.19	0.51	3488.63
MW - 8	02/29/12	3506.39	17.58	18.20	0.62	3488.72
MW - 8	03/14/12	3506.39	17.54	18.09	0.55	3488.77
MW - 8	03/19/12	3506.39	17.53	17.99	0.46	3488.79

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 8	03/29/12	3506.39	17.48	18.01	0.53	3488.83
MW - 8	04/05/12	3506.39	17.46	18.02	0.56	3488.85
MW - 8	04/18/12	3506.39	17.43	18.00	0.57	3488.87
MW - 8	04/27/12	3506.39	17.46	18.02	0.56	3488.85
MW - 8	05/02/12	3506.39	17.58	18.31	0.73	3488.70
MW - 8	05/31/12	3506.39	17.49	18.17	0.68	3488.80
MW - 8	06/08/12	3506.39	17.52	18.19	0.67	3488.77
MW - 8	06/12/12	3506.39	17.55	18.13	0.58	3488.75
MW - 8	06/21/12	3506.39	17.49	18.01	0.52	3488.82
MW - 8	06/29/12	3506.39	17.58	18.06	0.48	3488.74
MW - 8	07/13/12	3506.39	17.78	18.33	0.55	3488.53
MW - 8	12/06/12	3506.39	19.85	20.76	0.91	3486.40
MW - 8	12/11/12	3506.39	19.85	20.77	0.92	3486.40
MW - 8	12/18/12	3506.39	19.83	20.69	0.86	3486.43
MW - 8	01/09/13	3506.39	19.80	20.63	0.83	3486.47
MW - 8	01/15/13	3506.39	19.79	20.56	0.77	3486.48
MW - 8	01/23/13	3506.39	19.80	20.61	0.81	3486.47
MW - 8	01/29/13	3506.39	19.77	20.56	0.79	3486.50
MW - 8	02/07/13	3506.39	19.74	20.56	0.82	3486.53
MW - 8	02/13/13	3506.39	19.75	20.46	0.71	3486.53
MW - 8	02/20/13	3506.39	19.64	20.64	1.00	3486.60
MW - 8	03/15/13	3506.39	19.73	20.74	1.01	3486.51
MW - 8	03/19/13	3506.39	19.72	20.56	0.84	3486.54
MW - 8	04/02/13	3506.39	19.70	20.55	0.85	3486.56
MW - 8	04/09/13	3506.39	19.66	20.23	0.57	3486.64
MW - 8	04/16/13	3506.39	19.65	20.29	0.64	3486.64
MW - 8	04/23/13	3506.39	19.66	20.32	0.66	3486.63
MW - 8	04/30/13	3506.39	19.65	20.36	0.71	3486.63
MW - 8	05/08/13	3506.39	19.63	20.20	0.57	3486.67
MW - 8	05/14/13	3506.39	19.61	20.07	0.46	3486.71
MW - 8	05/22/13	3506.39	19.59	20.21	0.62	3486.71
MW - 8	05/28/13	3506.39	19.62	20.05	0.43	3486.71
MW - 8	06/04/13	3506.39	19.63	20.06	0.43	3486.70
MW - 8	06/11/13	3506.39	19.68	20.30	0.62	3486.62
MW - 8	06/19/13	3506.39	19.75	20.16	0.41	3486.58
MW - 8	06/28/13	3506.39	19.90	20.52	0.62	3486.40
MW - 8	07/01/13	3506.39	19.92	20.31	0.39	3486.41
MW - 8	07/08/13	3506.39	20.06	20.25	0.19	3486.30
MW - 8	07/23/13	3506.39	20.02	20.50	0.48	3486.30
MW - 8	07/30/13	3506.39	19.98	20.50	0.52	3486.33
MW - 8	08/05/13	3506.39	19.93	20.50	0.57	3486.37
MW - 8	08/12/13	3506.39	19.95	20.56	0.61	3486.35
MW - 8	08/22/13	3506.39	20.10	20.89	0.79	3486.17
MW - 8	08/29/13	3506.39	20.08	20.79	0.71	3486.20
MW - 8	09/05/13	3506.39	20.10	20.85	0.75	3486.18
MW - 8	09/10/13	3506.39	20.15	20.91	0.76	3486.13
MW - 8	09/17/13	3506.39	20.18	20.93	0.75	3486.10
MW - 8	09/24/13	3506.39	20.18	20.93	0.75	3486.10
MW - 8	10/07/13	3506.39	20.25	20.98	0.73	3486.03
MW - 8	11/14/13	-	21.99	22.90	0.91	-
MW - 8	11/21/13	-	22.52	22.97	0.45	-
MW - 8	12/12/13	-	22.37	22.98	0.61	-
MW - 8	12/19/13	-	22.28	23.02	0.74	-
MW - 8	01/03/14	-	22.30	22.98	0.68	-

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 8	01/09/14	-	22.32	23.05	0.73	-
MW - 8	01/13/14	-	22.32	23.06	0.74	-
MW - 8	01/21/14	-	22.28	23.02	0.74	-
MW - 8	01/24/14	-	22.31	23.10	0.79	-
MW - 8	02/04/14	3511.82	22.25	23.04	0.79	3489.45
MW - 8	02/10/14	3511.82	23.11	23.25	0.14	3488.69
MW - 8	02/27/14	3511.82	22.18	23.01	0.83	3489.52
MW - 8	03/17/14	3511.82	22.13	23.01	0.88	3489.56
MW - 8	03/27/14	3511.82	22.13	23.09	0.96	3489.55
MW - 8	04/02/14	3511.82	22.13	23.00	0.87	3489.56
MW - 8	04/16/14	3511.82	22.09	23.10	1.01	3489.58
MW - 8	04/22/14	3511.82	22.08	23.01	0.93	3489.60
MW - 8	04/28/14	3511.82	22.09	22.87	0.78	3489.61
MW - 8	05/06/14	3511.82	22.05	23.07	1.02	3489.62
MW - 8	05/13/14	3511.82	22.14	23.20	1.06	3489.52
MW - 8	05/14/14	3511.82	22.14	23.10	0.96	3489.54
MW - 8	05/21/14	3511.82	22.06	23.13	1.07	3489.60
MW - 8	06/05/14	3511.82	22.17	23.31	1.14	3489.48
MW - 8	06/11/14	3511.82	22.24	23.31	1.07	3489.42
MW - 8	06/16/14	3511.82	22.31	23.40	1.09	3489.35
MW - 8	06/24/14	3511.82	22.42	23.49	1.07	3489.24
MW - 8	07/01/14	3511.82	22.48	23.65	1.17	3489.16
MW - 8	07/08/14	3511.82	22.90	23.43	0.53	3488.84
MW - 8	07/15/14	3511.82	22.59	23.78	1.19	3489.05
MW - 8	07/22/14	3511.82	22.65	23.68	1.03	3489.02
MW - 8	07/23/14	3511.82	22.65	23.68	1.03	3489.02
MW - 8	07/31/14	3511.82	22.69	23.65	0.96	3488.99
MW - 8	08/05/14	3511.82	22.74	23.55	0.81	3488.96
MW - 8	08/07/14	3511.82	22.74	23.69	0.95	3488.94
MW - 8	08/15/14	3511.82	22.78	23.80	1.02	3488.89
MW - 8	08/20/14	3511.82	22.76	23.79	1.03	3488.91
MW - 8	08/27/14	3511.82	22.79	24.91	2.12	3488.71
MW - 8	09/24/14	3511.82	22.13	23.46	1.33	3489.49
MW - 8	10/01/14	3511.82	21.79	22.39	0.60	3489.94
MW - 8	10/07/14	3511.82	21.72	22.11	0.39	3490.04
MW - 8	10/14/14	3511.82	21.69	22.06	0.37	3490.07
MW - 8	10/20/14	3511.82	21.65	22.10	0.45	3490.10
MW - 8	10/27/14	3511.82	21.63	22.10	0.47	3490.12
MW - 8	11/03/14	3511.82	21.66	22.09	0.43	3490.10
MW - 8	11/11/14	3511.82	21.62	22.19	0.57	3490.11
MW - 8	11/19/14	3511.82	21.59	22.55	0.96	3490.09
MW - 8	12/08/14	3511.82	21.61	22.51	0.90	3490.08
MW - 8	12/15/14	3511.82	21.64	22.56	0.92	3490.04
MW - 8	12/18/14	3511.82	21.56	22.25	0.69	3490.16
MW - 8	12/22/14	3511.82	21.56	22.25	0.69	3490.16
MW - 8	12/29/14	3511.82	21.60	22.33	0.73	3490.11
MW - 8	01/05/15	3511.82	21.62	22.36	0.74	3490.09
MW - 8	01/12/15	3511.82	21.63	22.42	0.79	3490.07
MW - 8	01/19/15	3511.82	21.60	22.35	0.75	3490.11
MW - 8	02/04/15	3511.82	21.58	22.39	0.81	3490.12
MW - 8	02/09/15	3511.82	21.59	22.44	0.85	3490.10
MW - 8	02/19/15	3511.82	21.59	22.39	0.80	3490.11
MW - 8	03/03/15	3511.82	21.58	22.23	0.65	3490.14
MW - 8	03/09/15	3511.82	21.59	22.25	0.66	3490.13

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 8	03/16/15	3511.82	21.59	22.24	0.65	3490.13
MW - 8	03/20/15	3511.82	21.61	22.34	0.73	3490.10
MW - 8	03/23/15	3511.82	21.55	22.23	0.68	3490.17
MW - 8	03/30/15	3511.82	21.56	22.29	0.73	3490.15
MW - 8	04/04/15	3511.82	21.58	22.33	0.75	3490.13
MW - 8	04/07/15	3511.82	21.56	22.30	0.74	3490.15
MW - 8	04/14/15	3511.82	21.50	22.30	0.80	3490.20
MW - 8	04/20/15	3511.82	21.51	22.24	0.73	3490.20
MW - 8	04/27/15	3511.82	21.53	22.28	0.75	3490.18
MW - 8	05/07/15	3511.82	21.48	22.23	0.75	3490.23
MW - 8	05/11/15	3511.82	21.50	22.25	0.75	3490.21
MW - 8	05/21/15	3511.82	21.47	22.10	0.63	3490.26
MW - 8	05/27/15	3511.82	21.44	22.19	0.75	3490.27
MW - 8	05/28/15	3511.82	21.43	22.10	0.67	3490.29
MW - 8	06/03/15	3511.82	21.43	22.16	0.73	3490.28
MW - 8	06/08/15	3511.82	21.43	22.18	0.75	3490.28
MW - 8	06/15/15	3511.82	21.44	22.20	0.76	3490.27
MW - 8	06/25/15	3511.82	21.34	22.21	0.87	3490.35
MW - 8	06/29/15	3511.82	21.39	22.17	0.78	3490.31
MW - 8	07/08/15	3511.82	21.43	22.26	0.83	3490.27
MW - 8	07/09/15	3511.82	21.42	22.25	0.83	3490.28
MW - 8	07/14/15	3511.82	21.47	22.35	0.88	3490.22
MW - 8	07/20/15	3511.82	22.53	23.42	0.89	3489.16
MW - 8	07/28/15	3511.82	21.62	22.53	0.91	3490.06
MW - 8	08/03/15	3511.82	21.68	22.58	0.90	3490.01
MW - 8	08/04/15	3511.82	21.70	22.61	0.91	3489.98
MW - 8	08/10/15	3511.82	21.75	22.66	0.91	3489.93
MW - 8	08/17/15	3511.82	21.83	22.28	0.45	3489.92
MW - 8	08/25/15	3511.82	21.87	22.38	0.51	3489.87
MW - 8	08/31/15	3511.82	21.89	22.44	0.55	3489.85
MW - 8	09/08/15	3511.82	21.86	22.46	0.60	3489.87
MW - 8	09/15/15	3511.82	21.86	22.47	0.61	3489.87
MW - 8	09/24/15	3511.82	22.00	22.42	0.42	3489.76
MW - 8	09/28/15	3511.82	21.98	22.45	0.47	3489.77
MW - 8	10/06/15	3511.82	21.99	22.49	0.50	3489.76
MW - 8	10/12/15	3511.82	21.92	22.43	0.51	3489.82
MW - 8	10/26/15	3511.82	21.79	22.19	0.40	3489.97
MW - 8	11/06/15	3511.82	21.68	22.13	0.45	3490.07
MW - 8	11/10/15	3511.82	21.64	22.08	0.44	3490.11
MW - 8	11/18/15	3511.82	21.62	22.17	0.55	3490.12
MW - 8	12/02/15	3511.82	21.60	22.17	0.57	3490.13
MW - 8	12/07/15	3511.82	21.56	22.13	0.57	3490.17
MW - 8	12/14/15	3511.82	21.53	22.11	0.58	3490.20
MW - 8	01/05/16	3511.82	21.48	22.14	0.66	3490.24
MW - 8	01/08/16	3511.82	21.50	22.18	0.68	3490.22
MW - 8	01/12/16	3511.82	21.51	22.22	0.71	3490.20
MW - 8	01/18/16	3511.82	21.53	21.95	0.42	3490.23
MW - 8	01/25/16	3511.82	21.49	21.95	0.46	3490.26
MW - 8	02/01/16	3511.82	21.45	21.94	0.49	3490.30
MW - 8	02/08/16	3511.82	21.48	22.03	0.55	3490.26
MW - 8	02/19/16	3511.82	21.42	22.03	0.61	3490.31
MW - 8	02/23/16	3511.82	21.39	22.01	0.62	3490.34
MW - 8	03/03/16	3511.82	21.43	22.10	0.67	3490.29
MW - 8	03/07/16	3511.82	21.37	22.03	0.66	3490.35

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 8	03/15/16	3511.82	21.36	22.04	0.68	3490.36
MW - 8	03/21/16	3511.82	21.35	22.03	0.68	3490.37
MW - 8	03/28/16	3511.82	21.34	22.04	0.70	3490.38
MW - 8	04/05/16	3511.82	21.30	22.03	0.73	3490.41
MW - 8	04/08/16	3511.82	21.34	22.10	0.76	3490.37
MW - 8	04/12/16	3511.82	21.33	22.01	0.68	3490.39
MW - 8	04/18/16	3511.82	21.36	22.14	0.78	3490.34
MW - 8	04/25/16	3511.82	21.26	22.01	0.75	3490.45
MW - 8	05/02/16	3511.82	21.27	22.04	0.77	3490.43
MW - 8	05/23/16	3511.82	21.24	22.09	0.85	3490.45
MW - 8	06/01/16	3511.82	21.30	22.23	0.93	3490.38
MW - 8	06/06/16	3511.82	21.33	22.30	0.97	3490.34
MW - 8	06/09/16	3511.82	21.33	22.30	0.97	3490.34
MW - 8	06/28/16	3511.82	21.54	22.53	0.99	3490.13
MW - 8	07/12/16	3511.82	21.72	22.73	1.01	3489.95
MW - 8	07/19/16	3511.82	21.80	22.80	1.00	3489.87
MW - 8	07/27/16	3511.82	21.90	22.89	0.99	3489.77
MW - 8	08/03/16	3511.82	21.92	22.85	0.93	3489.76
MW - 8	08/04/16	3511.82	21.94	22.87	0.93	3489.74
MW - 8	08/08/16	3511.82	21.95	22.90	0.95	3489.73
MW - 8	08/16/16	3511.82	21.99	22.93	0.94	3489.69
MW - 8	08/23/16	3511.82	22.02	22.95	0.93	3489.66
MW - 8	08/31/16	3511.82	21.79	22.70	0.91	3489.89
MW - 8	09/14/16	3511.82	21.14	22.08	0.94	3490.54
MW - 8	09/22/16	3511.82	20.96	21.88	0.92	3490.72
MW - 8	09/27/16	3511.82	20.87	21.78	0.91	3490.81
MW - 8	10/07/16	3511.82	20.84	21.71	0.87	3490.85
MW - 8	10/21/16	3511.82	20.81	21.91	1.10	3490.85
MW - 8	10/28/16	3511.82	20.82	21.95	1.13	3490.83
MW - 8	11/04/16	3511.82	20.85	22.05	1.20	3490.79
MW - 8	11/09/16	3511.82	20.88	22.10	1.22	3490.76
MW - 8	12/06/16	3511.82	20.22	22.14	1.92	3491.31
MW - 8	12/14/16	3511.82	20.89	22.19	1.30	3490.74
MW - 8	12/15/16	3511.82	20.94	21.97	1.03	3490.73
MW - 8	12/22/16	3511.82	21.04	21.40	0.36	3490.73
MW - 8	12/29/16	3511.82	21.04	21.49	0.45	3490.71
MW - 8	01/05/17	3511.82	20.96	21.31	0.35	3490.81
MW - 8	01/11/17	3511.82	20.98	21.37	0.39	3490.78
MW - 8	01/18/17	3511.82	20.90	21.25	0.35	3490.87
MW - 8	01/26/17	3511.82	21.05	21.23	0.18	3490.74
MW - 8	01/31/17	3511.82	20.99	21.03	0.04	3490.82
MW - 8	02/17/17	3511.82	20.97	21.02	0.05	3490.84
MW - 8	02/24/17	3511.82	21.04	21.15	0.11	3490.76
MW - 8	03/01/17	3511.82	21.09	21.19	0.10	3490.72
MW - 8	03/09/17	3511.82	20.98	21.33	0.35	3490.79
MW - 8	03/15/17	3511.82	20.99	21.05	0.06	3490.82
MW - 8	03/22/17	3511.82	21.01	21.15	0.14	3490.79
MW - 8	04/07/17	3511.82	20.99	21.15	0.16	3490.81
MW - 8	04/11/17	3511.82	20.97	21.01	0.04	3490.84
MW - 8	04/20/17	3511.82	20.96	21.02	0.06	3490.85
MW - 8	05/02/17	3511.82	20.94	21.01	0.07	3490.87
MW - 8	05/12/17	3511.82	20.98	21.02	0.04	3490.83
MW - 8	05/16/17	3511.82	20.98	21.13	0.15	3490.82
MW - 8	05/24/17	3511.82	21.01	21.11	0.10	3490.80

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 8	06/02/17	3511.82	21.07	21.20	0.13	3490.73
MW - 8	06/05/17	3511.82	21.10	21.65	0.55	3490.64
MW - 8	06/15/17	3511.82	21.21	21.32	0.11	3490.59
MW - 8	06/28/17	3511.82	21.33	21.57	0.24	3490.45
MW - 8	07/05/17	3511.82	21.43	21.60	0.17	3490.36
MW - 8	07/11/17	3511.82	21.37	21.60	0.23	3490.42
MW - 8	07/17/17	3511.82	21.50	21.69	0.19	3490.29
MW - 8	07/20/17	3511.82	21.54	21.74	0.20	3490.25
MW - 8	08/11/17	3511.82	21.60	21.84	0.24	3490.18
MW - 8	08/17/17	3511.82	21.48	21.67	0.19	3490.31
MW - 8	09/05/17	3511.82	21.32	21.45	0.13	3490.48
MW - 8	09/13/17	3511.82	21.32	21.47	0.15	3490.48
MW - 8	09/19/17	3511.82	21.31	21.46	0.15	3490.49
MW - 8	09/29/17	3511.82	21.36	21.53	0.17	3490.43
MW - 8	10/05/17	3511.82	21.39	21.57	0.18	3490.40
MW - 8	10/12/17	3511.82	21.22	21.33	0.11	3490.58
MW - 8	10/20/17	3511.82	21.20	21.35	0.15	3490.60
MW - 8	10/24/17	3511.82	21.22	21.37	0.15	3490.58
MW - 8	11/02/17	3511.82	21.18	21.32	0.14	3490.62
MW - 8	11/14/17	3511.82	21.08	21.31	0.23	3490.71
MW - 8	11/21/17	3511.82	21.19	21.36	0.17	3490.60
MW - 8	12/08/17	3511.82	21.11	21.22	0.11	3490.69
MW - 8	12/14/17	3511.82	21.13	21.23	0.10	3490.68
MW - 8	12/20/17	3511.82	21.08	21.18	0.10	3490.73
MW - 8	12/28/17	3511.82	21.08	21.15	0.07	3490.73
MW - 8	01/03/18	3511.82	21.10	21.17	0.07	3490.71
MW - 8	01/09/18	3511.82	21.06	21.14	0.08	3490.75
MW - 8	01/19/18	3511.82	21.03	21.11	0.08	3490.78
MW - 8	01/24/18	3511.82	21.09	21.19	0.10	3490.72
MW - 8	02/02/18	3511.82	21.07	21.14	0.07	3490.74
MW - 8	02/08/18	3511.82	-	21.09	0.00	3490.73
MW - 8	02/12/18	3511.82	-	21.17	0.00	3490.65
MW - 8	02/22/18	3511.82	-	21.06	0.00	3490.76
MW - 8	03/02/18	3511.82	-	21.05	0.00	3490.77
MW - 8	03/07/18	3511.82	-	21.04	0.00	3490.78
MW - 8	03/15/18	3511.82	-	21.05	0.00	3490.77
MW - 8	03/19/18	3511.82	-	21.09	0.00	3490.73
MW - 8	03/29/18	3511.82	-	21.02	0.00	3490.80
MW - 8	04/02/18	3511.82	-	20.99	0.00	3490.83
MW - 8	04/11/18	3511.82	-	20.98	0.00	3490.84
MW - 8	04/16/18	3511.82	-	21.04	0.00	3490.78
MW - 8	04/25/18	3511.82	-	21.02	0.00	3490.80
MW - 8	05/01/18	3511.82	-	20.99	0.00	3490.83
MW - 8	05/08/18	3511.82	-	21.01	0.00	3490.81
MW - 8	05/22/18	3511.82	-	21.19	0.00	3490.63
MW - 8	05/31/18	3511.82	-	21.31	0.00	3490.51
MW - 8	06/06/18	3511.82	-	21.38	0.00	3490.44
MW - 8	06/13/18	3511.82	-	21.43	0.00	3490.39
MW - 8	06/18/18	3511.82	-	21.47	0.00	3490.35
MW - 8	06/25/18	3511.82	-	21.53	0.00	3490.29
MW - 8	07/02/18	3511.82	-	21.57	0.00	3490.25
MW - 8	07/11/18	3511.82	-	21.74	0.00	3490.08
MW - 8	07/19/18	3511.82	-	21.68	0.00	3490.14
MW - 8	07/27/18	3511.82	-	21.79	0.00	3490.03

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 8	08/08/18	3511.82	-	21.91	0.00	3489.91
MW - 8	08/30/18	3511.82	-	21.93	0.00	3489.89
MW - 8	09/12/18	3511.82	-	21.95	0.00	3489.87
MW - 8	09/20/18	3511.82	-	21.84	0.00	3489.98
MW - 8	09/26/18	3511.82	-	21.94	0.00	3489.88
MW - 8	10/03/18	3511.82	-	21.80	0.00	3490.02
MW - 8	10/19/18	3511.82	-	21.82	0.00	3490.00
MW - 8	10/31/18	3511.82	-	21.69	0.00	3490.13
MW - 8	11/06/18	3511.82	-	21.69	0.00	3490.13
MW - 8	11/12/18	3511.82	-	21.65	0.00	3490.17
MW - 8	12/03/18	3511.82	-	21.63	0.00	3490.19
MW - 8	12/27/18	3511.82	-	21.47	0.00	3490.35
MW - 8	01/03/19	3511.82	-	21.44	0.00	3490.38
MW - 8	01/09/19	3511.82	-	21.44	0.00	3490.38
MW - 8	01/16/19	3511.82	21.43	21.44	0.01	3490.39
MW - 8	01/31/19	3511.82	-	21.51	0.00	3490.31
MW - 8	02/06/19	3511.82	-	21.43	0.00	3490.39
MW - 8	02/13/19	3511.82	-	21.48	0.00	3490.34
MW - 8	02/21/19	3511.82	-	21.53	0.00	3490.29
MW - 8	02/28/19	3511.82	-	21.44	0.00	3490.38
MW - 8	03/06/19	3511.82	-	21.48	0.00	3490.34
MW - 8	03/12/19	3511.82	-	21.36	0.00	3490.46
MW - 8	03/19/19	3511.82	-	21.38	0.00	3490.44
MW - 8	03/28/19	3511.82	-	21.43	0.00	3490.39
MW - 8	04/01/19	3511.82	-	21.35	0.00	3490.47
MW - 8	04/10/19	3511.82	-	21.33	0.00	3490.49
MW - 8	04/17/19	3511.82	-	21.31	0.00	3490.51
MW - 8	04/24/19	3511.82	-	21.34	0.00	3490.48
MW - 8	05/01/19	3511.82	-	21.30	0.00	3490.52
MW - 8	05/08/19	3511.82	-	21.28	0.00	3490.54
MW - 8	05/17/19	3511.82	-	21.24	0.00	3490.58
MW - 8	06/14/19	3511.82	-	21.47	0.00	3490.35
MW - 8	06/18/19	3511.82	-	21.48	0.00	3490.34
MW - 8	06/28/19	3511.82	-	21.62	0.00	3490.20
MW - 8	07/11/19	3511.82	-	21.74	0.00	3490.08
MW - 8	08/08/19	3511.82	-	21.96	0.00	3489.86
MW - 8	09/12/19	3511.82	-	22.07	0.00	3489.75
MW - 8	09/17/19	3511.82	-	22.10	0.00	3489.72
MW - 8	10/15/19	3511.82	-	21.92	0.00	3489.90
MW - 8	11/06/19	3511.82	-	21.87	0.00	3489.95
MW - 8	11/13/19	3511.82	-	21.72	0.00	3490.10
MW - 8	12/17/19	3511.82	-	21.68	0.00	3490.14
MW - 8	01/06/20	3511.82	-	21.55	0.00	3490.27
MW - 8	01/23/20	3511.82	-	21.63	0.00	3490.19
MW - 8	01/29/20	3511.82	-	21.53	0.00	3490.29
MW - 8	02/21/20	3511.82	-	21.53	0.00	3490.29
MW - 8	03/05/20	3511.82	-	21.52	0.00	3490.30
MW - 8	05/14/20	3511.82	21.25	21.26	0.01	3490.57
MW - 8	05/21/20	3511.82	21.30	21.31	0.01	3490.52
MW - 8	06/18/20	3511.82	-	21.66	0.00	3490.16
MW - 8	07/21/20	3511.82	-	22.00	0.00	3489.82
MW - 8	08/14/20	3511.82	-	22.12	0.00	3489.70
MW - 8	09/14/20	3511.82	-	22.17	0.00	3489.65
MW - 8	10/16/20	3511.82	22.25	22.33	0.08	3489.56

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 8	12/10/20	3511.82	22.29	22.47	0.18	3489.50
MW - 8	01/13/21	3511.82	22.23	22.40	0.17	3489.56
MW - 8	02/11/21	3511.82	22.21	22.35	0.14	3489.59
MW - 8	04/21/21	3511.82	22.11	22.30	0.19	3489.68
MW - 8	06/11/21	3511.82	22.10	22.35	0.25	3489.68
MW - 8	09/23/21	3511.82	22.40	22.64	0.24	3489.38
MW - 8	10/14/21	3511.82	22.45	22.65	0.20	3489.34
MW - 8	12/07/21	3511.82	22.49	22.78	0.29	3489.29
MW - 9	06/20/02	3509.36	-	21.04	0.00	3488.32
MW - 9	09/26/02	3509.36	-	21.44	0.00	3487.92
MW - 9	11/07/02	3509.36	-	21.42	0.00	3487.94
MW - 9	11/12/02	3509.36	-	21.38	0.00	3487.98
MW - 9	01/07/03	3509.36	-	21.12	0.00	3488.24
MW - 9	01/27/03	3509.36	-	21.10	0.00	3488.26
MW - 9	02/12/03	3509.36	-	21.07	0.00	3488.29
MW - 9	03/11/03	3509.36	-	21.02	0.00	3488.34
MW - 9	03/19/03	3509.36	-	21.02	0.00	3488.34
MW - 9	04/16/03	3509.36	-	20.95	0.00	3488.41
MW - 9	04/29/03	3509.36	-	20.97	0.00	3488.39
MW - 9	05/14/03	3509.36	-	21.15	0.00	3488.21
MW - 9	05/20/03	3509.36	-	21.31	0.00	3488.05
MW - 9	05/27/03	3509.36	-	21.31	0.00	3488.05
MW - 9	06/04/03	3509.36	-	21.24	0.00	3488.12
MW - 9	07/07/03	3509.36	-	21.71	0.00	3487.65
MW - 9	07/30/03	3509.36	-	21.76	0.00	3487.60
MW - 9	08/06/03	3509.36	-	22.00	0.00	3487.36
MW - 9	08/21/03	3509.36	sheen	22.20	0.00	3487.16
MW - 9	08/26/03	3509.36	-	22.31	0.00	3487.05
MW - 9	09/08/03	3509.36	-	22.68	0.00	3486.68
MW - 9	09/15/03	3509.36	-	22.39	0.00	3486.97
MW - 9	09/24/03	3509.36	-	22.40	0.00	3486.96
MW - 9	10/02/03	3509.36	-	22.25	0.00	3487.11
MW - 9	10/08/03	3509.36	-	22.14	0.00	3487.22
MW - 9	10/16/03	3509.36	-	22.44	0.00	3486.92
MW - 9	10/28/03	3509.36	-	22.51	0.00	3486.85
MW - 9	11/11/03	3509.36	-	22.53	0.00	3486.83
MW - 9	11/18/03	3509.36	-	22.28	0.00	3487.08
MW - 9	12/10/03	3509.36	sheen	22.18	0.00	3487.18
MW - 9	02/02/04	3509.36	-	22.76	0.00	3486.60
MW - 9	02/11/04	3509.36	-	21.96	0.00	3487.40
MW - 9	02/26/04	3509.36	-	22.02	0.00	3487.34
MW - 9	03/16/04	3509.36	-	22.23	0.00	3487.13
MW - 9	03/19/04	3509.36	-	22.19	0.00	3487.17
MW - 9	03/25/04	3509.36	-	22.17	0.00	3487.19
MW - 9	04/01/04	3509.36	-	22.13	0.00	3487.23
MW - 9	04/08/04	3509.36	-	22.10	0.00	3487.26
MW - 9	04/14/04	3509.36	-	21.49	0.00	3487.87
MW - 9	04/16/04	3509.36	-	21.56	0.00	3487.80
MW - 9	04/22/04	3509.36	-	20.74	0.00	3488.62
MW - 9	04/29/04	3509.36	-	20.74	0.00	3488.62
MW - 9	05/11/04	3509.36	-	20.80	0.00	3488.56
MW - 9	06/08/04	3509.36	-	20.90	0.00	3488.46
MW - 9	06/17/04	3509.36	-	20.84	0.00	3488.52

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 9	06/22/04	3509.36	-	20.87	0.00	3488.49
MW - 9	06/29/04	3509.36	-	20.85	0.00	3488.51
MW - 9	07/06/04	3509.36	-	20.88	0.00	3488.48
MW - 9	07/13/04	3509.36	-	20.92	0.00	3488.44
MW - 9	07/20/04	3509.36	-	21.08	0.00	3488.28
MW - 9	08/04/04	3509.36	-	21.10	0.00	3488.26
MW - 9	08/10/04	3509.36	-	21.08	0.00	3488.28
MW - 9	08/16/04	3509.36	sheen	21.23	0.00	3488.13
MW - 9	08/23/04	3509.36	-	21.12	0.00	3488.24
MW - 9	08/25/04	3509.36	-	21.50	0.00	3487.86
MW - 9	08/26/04	3509.36	-	21.16	0.00	3488.20
MW - 9	08/31/04	3509.36	sheen	21.21	0.00	3488.15
MW - 9	09/13/04	3509.36	sheen	21.33	0.00	3488.03
MW - 9	09/20/04	3509.36	sheen	21.36	0.00	3488.00
MW - 9	09/20/04	3509.36	sheen	21.30	0.00	3488.06
MW - 9	10/04/04	3509.36	sheen	20.81	0.00	3488.55
MW - 9	10/11/04	3509.36	sheen	20.60	0.00	3488.76
MW - 9	10/18/04	3509.36	sheen	20.60	0.00	3488.76
MW - 9	10/26/04	3509.36	sheen	20.64	0.00	3488.72
MW - 9	11/02/04	3509.36	sheen	20.61	0.00	3488.75
MW - 9	11/08/04	3509.36	sheen	20.59	0.00	3488.77
MW - 9	11/15/04	3509.36	sheen	20.57	0.00	3488.79
MW - 9	12/01/04	3509.36	sheen	20.40	0.00	3488.96
MW - 9	12/03/04	3509.36	-	20.40	0.00	3488.96
MW - 9	12/14/04	3509.36	sheen	20.33	0.00	3489.03
MW - 9	12/21/04	3509.36	sheen	20.70	0.00	3488.66
MW - 9	12/29/04	3509.36	sheen	20.25	0.00	3489.11
MW - 9	01/11/05	3509.36	sheen	20.14	0.00	3489.22
MW - 9	01/14/05	3509.36	sheen	20.10	0.00	3489.26
MW - 9	01/18/05	3509.36	sheen	20.12	0.00	3489.24
MW - 9	01/21/05	3509.36	sheen	20.10	0.00	3489.26
MW - 9	01/25/05	3509.36	sheen	20.07	0.00	3489.29
MW - 9	01/28/05	3509.36	sheen	20.03	0.00	3489.33
MW - 9	02/02/05	3509.36	sheen	20.03	0.00	3489.33
MW - 9	02/05/05	3509.36	sheen	20.00	0.00	3489.36
MW - 9	02/08/05	3509.36	sheen	19.99	0.00	3489.37
MW - 9	02/11/05	3509.36	sheen	20.02	0.00	3489.34
MW - 9	02/15/05	3509.36	sheen	19.95	0.00	3489.41
MW - 9	02/18/05	3509.36	sheen	19.94	0.00	3489.42
MW - 9	02/22/05	3509.36	sheen	19.91	0.00	3489.45
MW - 9	02/25/05	3509.36	sheen	19.92	0.00	3489.44
MW - 9	03/01/05	3509.36	sheen	19.86	0.00	3489.50
MW - 9	03/04/05	3509.36	sheen	19.85	0.00	3489.51
MW - 9	03/08/05	3509.36	sheen	19.84	0.00	3489.52
MW - 9	03/08/05	3509.36	sheen	19.84	0.00	3489.52
MW - 9	03/11/05	3509.36	sheen	19.87	0.00	3489.49
MW - 9	03/15/05	3509.36	sheen	19.79	0.00	3489.57
MW - 9	03/18/05	3509.36	sheen	19.80	0.00	3489.56
MW - 9	03/22/05	3509.36	sheen	19.80	0.00	3489.56
MW - 9	03/28/05	3509.36	sheen	19.65	0.00	3489.71
MW - 9	04/01/05	3509.36	sheen	19.66	0.00	3489.70
MW - 9	04/05/05	3509.36	sheen	19.63	0.00	3489.73
MW - 9	04/08/05	3509.36	sheen	19.63	0.00	3489.73
MW - 9	04/12/05	3509.36	sheen	19.61	0.00	3489.75

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 9	04/15/05	3509.36	sheen	19.59	0.00	3489.77
MW - 9	05/25/05	3509.36	sheen	19.41	0.00	3489.95
MW - 9	05/27/05	3509.36	sheen	19.40	0.00	3489.96
MW - 9	05/31/05	3509.36	sheen	19.38	0.00	3489.98
MW - 9	06/03/05	3509.36	sheen	19.35	0.00	3490.01
MW - 9	06/06/05	3509.36	sheen	19.34	0.00	3490.02
MW - 9	06/08/05	3509.36	-	19.34	0.00	3490.02
MW - 9	06/13/05	3509.36	sheen	19.34	0.00	3490.02
MW - 9	06/20/05	3509.36	sheen	19.38	0.00	3489.98
MW - 9	06/24/05	3509.36	sheen	19.38	0.00	3489.98
MW - 9	06/27/05	3509.36	sheen	19.43	0.00	3489.93
MW - 9	07/11/05	3509.36	sheen	19.57	0.00	3489.79
MW - 9	07/15/05	3509.36	sheen	19.63	0.00	3489.73
MW - 9	07/18/05	3509.36	sheen	19.66	0.00	3489.70
MW - 9	07/21/05	3509.36	sheen	19.66	0.00	3489.70
MW - 9	07/25/05	3509.36	sheen	19.74	0.00	3489.62
MW - 9	08/01/05	3509.36	sheen	19.79	0.00	3489.57
MW - 9	08/04/05	3509.36	sheen	19.80	0.00	3489.56
MW - 9	08/12/05	3509.36	sheen	19.88	0.00	3489.48
MW - 9	08/15/05	3509.36	sheen	19.82	0.00	3489.54
MW - 9	08/23/05	3509.36	sheen	19.61	0.00	3489.75
MW - 9	08/30/05	3509.36	sheen	19.58	0.00	3489.78
MW - 9	09/06/05	3509.36	sheen	19.54	0.00	3489.82
MW - 9	09/13/05	3509.36	sheen	19.55	0.00	3489.81
MW - 9	09/15/05	3509.36	-	19.59	0.00	3489.77
MW - 9	09/19/05	3509.36	sheen	19.60	0.00	3489.76
MW - 9	09/27/05	3509.36	sheen	19.59	0.00	3489.77
MW - 9	10/03/05	3509.36	sheen	19.66	0.00	3489.70
MW - 9	10/08/05	3509.36	sheen	19.44	0.00	3489.92
MW - 9	10/10/05	3509.36	sheen	19.60	0.00	3489.76
MW - 9	10/17/05	3509.36	sheen	19.51	0.00	3489.85
MW - 9	10/24/05	3509.36	sheen	19.51	0.00	3489.85
MW - 9	10/31/05	3509.36	sheen	19.49	0.00	3489.87
MW - 9	11/15/05	3509.36	sheen	19.48	0.00	3489.88
MW - 9	11/22/05	3509.36	sheen	19.44	0.00	3489.92
MW - 9	11/27/05	3509.36	19.41	19.42	0.01	3489.95
MW - 9	12/07/05	3509.36	sheen	19.42	0.00	3489.94
MW - 9	12/12/05	3509.36	-	19.41	0.00	3489.95
MW - 9	12/16/05	3509.36	sheen	19.40	0.00	3489.96
MW - 9	12/22/05	3509.36	sheen	19.40	0.00	3489.96
MW - 9	12/27/05	3509.36	sheen	19.40	0.00	3489.96
MW - 9	01/03/06	3509.36	sheen	19.37	0.00	3489.99
MW - 9	01/09/06	3509.36	sheen	19.43	0.00	3489.93
MW - 9	01/16/06	3509.36	sheen	19.38	0.00	3489.98
MW - 9	01/23/06	3509.36	sheen	19.40	0.00	3489.96
MW - 9	01/30/06	3509.36	sheen	19.39	0.00	3489.97
MW - 9	02/06/06	3509.36	sheen	19.38	0.00	3489.98
MW - 9	02/14/06	3509.36	sheen	19.35	0.00	3490.01
MW - 9	02/21/06	3509.36	sheen	19.36	0.00	3490.00
MW - 9	03/01/06	3509.36	sheen	19.34	0.00	3490.02
MW - 9	03/06/06	3509.36	sheen	19.35	0.00	3490.01
MW - 9	03/15/06	3509.36	sheen	19.34	0.00	3490.02
MW - 9	03/16/06	3509.36	-	19.34	0.00	3490.02
MW - 9	03/21/06	3509.36	sheen	19.35	0.00	3490.01

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 9	03/28/06	3509.36	sheen	19.35	0.00	3490.01
MW - 9	04/03/06	3509.36	sheen	19.29	0.00	3490.07
MW - 9	04/17/06	3509.36	sheen	19.19	0.00	3490.17
MW - 9	05/01/06	3509.36	sheen	19.27	0.00	3490.09
MW - 9	05/08/06	3509.36	sheen	19.28	0.00	3490.08
MW - 9	05/15/06	3509.36	sheen	19.37	0.00	3489.99
MW - 9	05/30/06	3509.36	sheen	19.58	0.00	3489.78
MW - 9	06/05/06	3509.36	sheen	19.68	0.00	3489.68
MW - 9	06/12/06	3509.36	sheen	19.78	0.00	3489.58
MW - 9	06/15/06	3509.36	-	19.80	0.00	3489.56
MW - 9	06/19/06	3509.36	sheen	19.87	0.00	3489.49
MW - 9	09/06/06	3509.36	sheen	19.61	0.00	3489.75
MW - 9	09/11/06	3509.36	sheen	19.58	0.00	3489.78
MW - 9	09/18/06	3509.36	-	19.57	0.00	3489.79
MW - 9	09/29/06	3509.36	-	19.59	0.00	3489.77
MW - 9	11/30/06	3509.36	-	19.54	0.00	3489.82
MW - 9	01/11/07	3509.36	sheen	19.47	0.00	3489.89
MW - 9	01/22/07	3509.36	sheen	19.44	0.00	3489.92
MW - 9	02/27/07	3509.36	-	19.40	0.00	3489.96
MW - 9	05/22/07	3509.36	-	19.14	0.00	3490.22
MW - 9	08/15/07	3509.36	-	19.90	0.00	3489.46
MW - 9	11/06/07	3509.36	-	19.70	0.00	3489.66
MW - 9	02/12/08	3509.36	-	19.53	0.00	3489.83
MW - 9	05/13/08	3509.36	-	19.47	0.00	3489.89
MW - 9	08/14/08	3509.36	-	20.32	0.00	3489.04
MW - 9	11/12/08	3509.36	-	19.80	0.00	3489.56
MW - 9	02/10/09	3509.36	-	19.64	0.00	3489.72
MW - 9	05/12/09	3509.36	-	19.60	0.00	3489.76
MW - 9	08/10/09	3509.36	-	20.25	0.00	3489.11
MW - 9	11/18/09	3509.36	-	20.48	0.00	3488.88
MW - 9	01/04/10	3509.36	-	20.41	0.00	3488.95
MW - 9	02/09/10	3509.36	-	20.25	0.00	3489.11
MW - 9	05/12/10	3509.36	-	19.84	0.00	3489.52
MW - 9	08/03/10	3509.36	-	19.58	0.00	3489.78
MW - 9	08/11/10	3509.36	-	19.85	0.00	3489.51
MW - 9	08/19/10	3509.36	-	19.62	0.00	3489.74
MW - 9	11/11/10	3509.36	-	20.49	0.00	3488.87
MW - 9	02/16/11	3509.36	-	20.48	0.00	3488.88
MW - 9	03/01/11	3509.36	-	19.83	0.00	3489.53
MW - 9	03/07/11	3509.36	-	19.81	0.00	3489.55
MW - 9	04/27/11	3509.36	sheen	19.85	0.00	3489.51
MW - 9	05/19/11	3509.36	-	20.51	0.00	3488.85
MW - 9	06/08/11	3509.36	-	20.10	0.00	3489.26
MW - 9	07/06/11	3509.36	-	20.40	0.00	3488.96
MW - 9	08/10/11	3509.36	-	20.60	0.00	3488.76
MW - 9	11/14/11	3509.36	-	20.59	0.00	3488.77
MW - 9	02/29/12	3509.36	-	20.28	0.00	3489.08
MW - 9	05/02/12	3509.36	-	20.19	0.00	3489.17
MW - 9	02/04/14	3509.36	Plugged and Abandoned			
MW - 10	06/20/02	3509.92	-	21.40	0.00	3488.52
MW - 10	09/26/02	3509.92	21.84	21.95	0.11	3488.06
MW - 10	11/07/02	3509.92	21.77	21.84	0.07	3488.14
MW - 10	11/12/02	3509.91	21.75	21.81	0.06	3488.15

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	01/07/03	3509.91	21.50	21.57	0.07	3488.40
MW - 10	01/27/03	3509.91	19.39	19.51	0.12	3490.50
MW - 10	03/11/03	3509.91	21.32	21.41	0.09	3488.58
MW - 10	03/18/03	3509.91	21.32	21.40	0.08	3488.58
MW - 10	04/16/03	3509.91	21.24	21.27	0.03	3488.67
MW - 10	05/14/03	3509.91	21.45	21.66	0.21	3488.43
MW - 10	05/20/03	3509.91	21.67	21.90	0.23	3488.21
MW - 10	05/27/03	3509.91	-	21.86	0.00	3488.05
MW - 10	06/04/03	3509.91	20.55	21.62	1.07	3489.20
MW - 10	07/07/03	3509.91	-	22.14	0.00	3487.77
MW - 10	07/30/03	3509.91	-	21.76	0.00	3488.15
MW - 10	08/06/03	3509.91	-	22.41	0.00	3487.50
MW - 10	08/21/03	3509.91	sheen	22.60	0.00	3487.31
MW - 10	08/26/03	3509.91	-	22.71	0.00	3487.20
MW - 10	09/08/03	3509.91	-	22.68	0.00	3487.23
MW - 10	09/15/03	3509.91	-	22.63	0.00	3487.28
MW - 10	09/24/03	3509.91	-	22.78	0.00	3487.13
MW - 10	10/02/03	3509.91	-	22.64	0.00	3487.27
MW - 10	10/08/03	3509.91	-	22.53	0.00	3487.38
MW - 10	10/16/03	3509.91	-	22.82	0.00	3487.09
MW - 10	10/28/03	3509.91	-	22.87	0.00	3487.04
MW - 10	11/11/03	3509.91	-	22.94	0.00	3486.97
MW - 10	11/18/03	3509.91	-	22.16	0.00	3487.75
MW - 10	12/10/03	3509.91	22.58	22.69	0.11	3487.31
MW - 10	02/02/04	3509.91	-	22.87	0.00	3487.04
MW - 10	02/11/04	3509.91	-	22.28	0.00	3487.63
MW - 10	02/26/04	3509.91	22.33	22.37	0.04	3487.57
MW - 10	03/16/04	3509.91	22.56	22.61	0.05	3487.34
MW - 10	03/19/04	3509.91	22.51	22.59	0.08	3487.39
MW - 10	03/25/04	3509.91	22.52	22.58	0.06	3487.38
MW - 10	04/01/04	3509.91	-	22.46	0.00	3487.45
MW - 10	04/08/04	3509.91	22.04	22.07	0.03	3487.87
MW - 10	04/14/04	3509.91	21.85	22.00	0.15	3488.04
MW - 10	04/16/04	3509.91	21.95	21.96	0.01	3487.96
MW - 10	04/22/04	3509.91	-	21.13	0.00	3488.78
MW - 10	04/29/04	3509.91	21.11	21.12	0.01	3488.80
MW - 10	05/11/04	3509.91	-	21.17	0.00	3488.74
MW - 10	06/08/04	3509.91	21.24	21.25	0.01	3488.67
MW - 10	06/17/04	3509.91	21.20	22.22	1.02	3488.56
MW - 10	06/22/04	3509.91	21.24	22.18	0.94	3488.53
MW - 10	06/29/04	3509.91	21.23	22.10	0.87	3488.55
MW - 10	07/06/04	3509.91	21.24	21.26	0.02	3488.67
MW - 10	07/13/04	3509.91	21.28	21.29	0.01	3488.63
MW - 10	07/20/04	3509.91	21.43	21.44	0.01	3488.48
MW - 10	08/04/04	3509.91	21.45	21.46	0.01	3488.46
MW - 10	08/10/04	3509.91	21.46	21.47	0.01	3488.45
MW - 10	08/16/04	3509.91	21.60	21.80	0.20	3488.28
MW - 10	08/23/04	3509.91	21.48	21.58	0.10	3488.42
MW - 10	08/25/04	3509.91	21.50	21.55	0.05	3488.40
MW - 10	08/26/04	3509.91	21.51	21.64	0.13	3488.38
MW - 10	08/31/04	3509.91	21.58	21.78	0.20	3488.30
MW - 10	09/13/04	3509.91	21.69	21.96	0.27	3488.18
MW - 10	09/20/04	3509.91	21.76	21.95	0.19	3488.12
MW - 10	09/30/04	3509.91	21.83	21.91	0.08	3488.07

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	10/04/04	3509.91	21.20	21.22	0.02	3488.71
MW - 10	10/11/04	3509.91	sheen	19.99	0.00	3489.92
MW - 10	10/18/04	3509.91	sheen	21.02	0.00	3488.89
MW - 10	10/26/04	3509.91	sheen	21.09	0.00	3488.82
MW - 10	11/02/04	3509.91	sheen	21.00	0.00	3488.91
MW - 10	11/08/04	3509.91	sheen	20.97	0.00	3488.94
MW - 10	11/15/04	3509.91	21.19	21.25	0.06	3488.71
MW - 10	12/01/04	3509.91	sheen	20.91	0.00	3489.00
MW - 10	12/03/04	3509.91	-	20.91	0.00	3489.00
MW - 10	12/14/04	3509.91	sheen	20.74	0.00	3489.17
MW - 10	12/21/04	3509.91	sheen	20.70	0.00	3489.21
MW - 10	12/29/04	3509.91	sheen	20.64	0.00	3489.27
MW - 10	01/11/05	3509.91	sheen	20.51	0.00	3489.40
MW - 10	01/14/05	3509.91	sheen	20.50	0.00	3489.41
MW - 10	01/18/05	3509.91	sheen	20.49	0.00	3489.42
MW - 10	01/21/05	3509.91	sheen	20.47	0.00	3489.44
MW - 10	01/25/05	3509.91	sheen	20.42	0.00	3489.49
MW - 10	01/28/05	3509.91	sheen	20.40	0.00	3489.51
MW - 10	02/02/05	3509.91	sheen	20.37	0.00	3489.54
MW - 10	02/05/05	3509.91	sheen	20.33	0.00	3489.58
MW - 10	02/08/05	3509.91	sheen	20.33	0.00	3489.58
MW - 10	02/11/05	3509.91	sheen	20.33	0.00	3489.58
MW - 10	02/15/05	3509.91	sheen	20.13	0.00	3489.78
MW - 10	02/18/05	3509.91	sheen	20.27	0.00	3489.64
MW - 10	02/22/05	3509.91	sheen	20.26	0.00	3489.65
MW - 10	02/25/05	3509.91	sheen	20.26	0.00	3489.65
MW - 10	03/01/05	3509.91	sheen	20.20	0.00	3489.71
MW - 10	03/04/05	3509.91	sheen	20.20	0.00	3489.71
MW - 10	03/08/05	3509.91	sheen	20.19	0.00	3489.72
MW - 10	03/08/05	3509.91	sheen	20.19	0.00	3489.72
MW - 10	03/11/05	3509.91	sheen	20.24	0.00	3489.67
MW - 10	03/15/05	3509.91	sheen	20.30	0.00	3489.61
MW - 10	03/18/05	3509.91	sheen	20.13	0.00	3489.78
MW - 10	03/22/05	3509.91	sheen	20.10	0.00	3489.81
MW - 10	03/28/05	3509.91	sheen	20.00	0.00	3489.91
MW - 10	04/01/05	3509.91	sheen	20.03	0.00	3489.88
MW - 10	04/05/05	3509.91	sheen	19.97	0.00	3489.94
MW - 10	04/08/05	3509.91	sheen	19.99	0.00	3489.92
MW - 10	04/12/05	3509.91	sheen	19.95	0.00	3489.96
MW - 10	04/15/05	3509.91	sheen	19.94	0.00	3489.97
MW - 10	05/25/05	3509.91	sheen	19.79	0.00	3490.12
MW - 10	05/27/05	3509.91	sheen	19.77	0.00	3490.14
MW - 10	05/31/05	3509.91	sheen	19.73	0.00	3490.18
MW - 10	06/03/05	3509.91	sheen	19.72	0.00	3490.19
MW - 10	06/06/05	3509.91	sheen	19.70	0.00	3490.21
MW - 10	06/08/05	3509.91	sheen	19.70	0.00	3490.21
MW - 10	06/13/05	3509.91	sheen	19.70	0.00	3490.21
MW - 10	06/20/05	3509.91	sheen	19.74	0.00	3490.17
MW - 10	06/24/05	3509.91	sheen	19.75	0.00	3490.16
MW - 10	06/27/05	3509.91	sheen	19.80	0.00	3490.11
MW - 10	07/11/05	3509.91	sheen	19.97	0.00	3489.94
MW - 10	07/15/05	3509.91	sheen	20.02	0.00	3489.89
MW - 10	07/18/05	3509.91	sheen	20.06	0.00	3489.85
MW - 10	07/21/05	3509.91	sheen	20.06	0.00	3489.85

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	07/25/05	3509.91	sheen	20.15	0.00	3489.76
MW - 10	08/01/05	3509.91	sheen	20.18	0.00	3489.73
MW - 10	08/04/05	3509.91	sheen	20.20	0.00	3489.71
MW - 10	08/12/05	3509.91	sheen	20.29	0.00	3489.62
MW - 10	08/15/05	3509.91	20.21	20.22	0.01	3489.70
MW - 10	08/23/05	3509.91	sheen	20.00	0.00	3489.91
MW - 10	08/30/05	3509.91	sheen	19.97	0.00	3489.94
MW - 10	09/06/05	3509.91	19.90	19.91	0.01	3490.01
MW - 10	09/13/05	3509.91	19.92	19.93	0.01	3489.99
MW - 10	09/15/05	3509.91	19.96	19.98	0.02	3489.95
MW - 10	09/19/05	3509.91	sheen	19.98	0.00	3489.93
MW - 10	09/27/05	3509.91	sheen	19.97	0.00	3489.94
MW - 10	10/03/05	3509.91	sheen	20.06	0.00	3489.85
MW - 10	10/08/05	3509.91	19.81	19.82	0.01	3490.10
MW - 10	10/10/05	3509.91	sheen	20.02	0.00	3489.89
MW - 10	10/17/05	3509.91	sheen	19.90	0.00	3490.01
MW - 10	10/24/05	3509.91	sheen	19.90	0.00	3490.01
MW - 10	10/31/05	3509.91	sheen	19.86	0.00	3490.05
MW - 10	11/15/05	3509.91	19.88	19.89	0.01	3490.03
MW - 10	11/22/05	3509.91	19.83	19.84	0.01	3490.08
MW - 10	11/27/05	3509.91	19.81	19.82	0.01	3490.10
MW - 10	12/07/05	3509.91	19.74	19.75	0.01	3490.17
MW - 10	12/12/05	3509.91	19.72	19.80	0.08	3490.18
MW - 10	12/16/05	3509.91	19.70	19.76	0.06	3490.20
MW - 10	12/22/05	3509.91	19.79	19.82	0.03	3490.12
MW - 10	12/27/05	3509.91	19.77	19.78	0.01	3490.14
MW - 10	01/03/06	3509.91	19.75	19.76	0.01	3490.16
MW - 10	01/09/06	3509.91	19.79	19.80	0.01	3490.12
MW - 10	01/16/06	3509.91	19.74	19.75	0.01	3490.17
MW - 10	01/23/06	3509.91	19.76	19.77	0.01	3490.15
MW - 10	01/30/06	3509.91	19.74	19.75	0.01	3490.17
MW - 10	02/06/06	3509.91	19.74	19.75	0.01	3490.17
MW - 10	02/14/06	3509.91	19.72	19.73	0.01	3490.19
MW - 10	02/21/06	3509.91	sheen	19.73	0.00	3490.18
MW - 10	03/01/06	3509.91	sheen	19.70	0.00	3490.21
MW - 10	03/06/06	3509.91	19.71	19.72	0.01	3490.20
MW - 10	03/15/06	3509.91	sheen	19.71	0.00	3490.20
MW - 10	03/16/06	3509.91	19.70	19.71	0.01	3490.21
MW - 10	03/21/06	3509.91	sheen	19.72	0.00	3490.19
MW - 10	03/28/06	3509.91	sheen	19.73	0.00	3490.18
MW - 10	04/03/06	3509.91	sheen	19.65	0.00	3490.26
MW - 10	04/17/06	3509.91	sheen	19.62	0.00	3490.29
MW - 10	05/01/06	3509.91	sheen	19.64	0.00	3490.27
MW - 10	05/08/06	3509.91	sheen	19.66	0.00	3490.25
MW - 10	05/15/06	3509.91	sheen	19.75	0.00	3490.16
MW - 10	05/30/06	3509.91	sheen	19.98	0.00	3489.93
MW - 10	06/05/06	3509.91	20.07	20.67	0.60	3489.75
MW - 10	06/15/06	3509.91	20.22	20.31	0.09	3489.68
MW - 10	06/19/06	3509.91	sheen	20.29	0.00	3489.62
MW - 10	07/03/06	3509.91	sheen	20.41	0.00	3489.50
MW - 10	07/10/06	3509.91	20.41	20.46	0.05	3489.49
MW - 10	07/17/06	3509.91	20.26	20.39	0.13	3489.63
MW - 10	07/26/06	3509.91	20.31	20.36	0.05	3489.59
MW - 10	07/31/06	3509.91	20.39	20.48	0.09	3489.51

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	08/07/06	3509.91	20.42	20.51	0.09	3489.48
MW - 10	08/17/06	3509.91	sheen	20.33	0.00	3489.58
MW - 10	08/21/06	3509.91	sheen	20.26	0.00	3489.65
MW - 10	09/06/06	3509.91	sheen	20.00	0.00	3489.91
MW - 10	09/11/06	3509.91	sheen	19.96	0.00	3489.95
MW - 10	09/18/06	3509.91	sheen	19.98	0.00	3489.93
MW - 10	09/25/06	3509.91	sheen	19.98	0.00	3489.93
MW - 10	09/29/06	3509.91	sheen	19.96	0.00	3489.95
MW - 10	10/02/06	3509.91	sheen	19.95	0.00	3489.96
MW - 10	10/09/06	3509.91	sheen	20.00	0.00	3489.91
MW - 10	10/17/06	3509.91	sheen	19.98	0.00	3489.93
MW - 10	10/23/06	3509.91	sheen	19.98	0.00	3489.93
MW - 10	10/30/06	3509.91	sheen	19.96	0.00	3489.95
MW - 10	11/06/06	3509.91	sheen	19.26	0.00	3490.65
MW - 10	11/13/06	3509.91	sheen	19.48	0.00	3490.43
MW - 10	11/20/06	3509.91	sheen	20.01	0.00	3489.90
MW - 10	11/27/06	3509.91	sheen	19.45	0.00	3490.46
MW - 10	11/30/06	3509.91	sheen	19.94	0.00	3489.97
MW - 10	12/04/06	3509.91	sheen	19.94	0.00	3489.97
MW - 10	12/12/06	3509.91	sheen	19.94	0.00	3489.97
MW - 10	12/18/06	3509.91	sheen	19.93	0.00	3489.98
MW - 10	01/02/07	3509.91	sheen	19.91	0.00	3490.00
MW - 10	01/11/07	3509.91	sheen	19.85	0.00	3490.06
MW - 10	01/18/07	3509.91	sheen	19.88	0.00	3490.03
MW - 10	01/22/07	3509.91	sheen	19.83	0.00	3490.08
MW - 10	02/05/07	3509.91	sheen	19.83	0.00	3490.08
MW - 10	02/12/07	3509.91	-	19.19	0.00	3490.72
MW - 10	02/19/07	3509.91	-	19.75	0.00	3490.16
MW - 10	02/27/07	3509.91	sheen	19.79	0.00	3490.12
MW - 10	03/05/07	3509.91	sheen	19.80	0.00	3490.11
MW - 10	03/19/07	3509.91	-	19.76	0.00	3490.15
MW - 10	04/02/07	3509.91	sheen	19.65	0.00	3490.26
MW - 10	04/09/07	3509.91	-	19.68	0.00	3490.23
MW - 10	05/22/07	3509.91	sheen	19.74	0.00	3490.17
MW - 10	08/15/07	3509.91	20.31	20.38	0.07	3489.59
MW - 10	08/25/07	3509.91	sheen	20.50	0.00	3489.41
MW - 10	09/24/07	3509.91	sheen	20.07	0.00	3489.84
MW - 10	11/05/07	3509.91	sheen	20.09	0.00	3489.82
MW - 10	11/06/07	3509.91	sheen	20.11	0.00	3489.80
MW - 10	11/30/07	3509.91	sheen	20.10	0.00	3489.81
MW - 10	01/09/08	3509.91	sheen	19.96	0.00	3489.95
MW - 10	01/16/08	3509.91	sheen	19.91	0.00	3490.00
MW - 10	01/21/08	3509.91	sheen	19.97	0.00	3489.94
MW - 10	01/30/08	3509.91	sheen	19.94	0.00	3489.97
MW - 10	02/08/08	3509.91	sheen	19.95	0.00	3489.96
MW - 10	02/12/08	3509.91	-	19.93	0.00	3489.98
MW - 10	02/14/08	3509.91	sheen	19.96	0.00	3489.95
MW - 10	02/28/08	3509.91	sheen	19.93	0.00	3489.98
MW - 10	03/05/08	3509.91	sheen	19.94	0.00	3489.97
MW - 10	03/13/08	3509.91	sheen	19.91	0.00	3490.00
MW - 10	03/19/08	3509.91	sheen	19.92	0.00	3489.99
MW - 10	03/24/08	3509.91	sheen	19.88	0.00	3490.03
MW - 10	05/07/08	3509.91	sheen	19.88	0.00	3490.03
MW - 10	05/13/08	3509.91	sheen	19.88	0.00	3490.03

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	06/30/08	3509.91	sheen	20.58	0.00	3489.33
MW - 10	08/14/08	3509.91	sheen	20.75	0.00	3489.16
MW - 10	08/18/08	3509.91	sheen	20.81	0.00	3489.10
MW - 10	08/28/08	3509.91	sheen	20.68	0.00	3489.23
MW - 10	09/17/08	3509.91	sheen	20.37	0.00	3489.54
MW - 10	09/29/08	3509.91	sheen	20.31	0.00	3489.60
MW - 10	10/06/08	3509.91	sheen	20.32	0.00	3489.59
MW - 10	10/13/08	3509.91	sheen	20.39	0.00	3489.52
MW - 10	10/20/08	3509.91	sheen	20.31	0.00	3489.60
MW - 10	10/29/08	3509.91	sheen	20.27	0.00	3489.64
MW - 10	11/06/08	3509.91	sheen	20.24	0.00	3489.67
MW - 10	11/12/08	3509.91	sheen	20.20	0.00	3489.71
MW - 10	11/13/08	3509.91	sheen	20.20	0.00	3489.71
MW - 10	12/22/08	3509.91	sheen	20.12	0.00	3489.79
MW - 10	01/06/09	3509.91	-	20.12	0.00	3489.79
MW - 10	01/12/09	3509.91	-	20.09	0.00	3489.82
MW - 10	01/19/09	3509.91	-	20.14	0.00	3489.77
MW - 10	01/26/09	3509.91	-	20.08	0.00	3489.83
MW - 10	02/10/09	3509.91	-	20.07	0.00	3489.84
MW - 10	02/13/09	3509.91	-	20.08	0.00	3489.83
MW - 10	02/16/09	3509.91	-	20.05	0.00	3489.86
MW - 10	02/24/09	3509.91	-	20.04	0.00	3489.87
MW - 10	03/02/09	3509.91	-	20.02	0.00	3489.89
MW - 10	03/05/09	3509.91	-	20.06	0.00	3489.85
MW - 10	03/09/09	3509.91	-	20.02	0.00	3489.89
MW - 10	03/16/09	3509.91	-	20.04	0.00	3489.87
MW - 10	03/19/09	3509.91	-	20.01	0.00	3489.90
MW - 10	03/25/09	3509.91	-	20.03	0.00	3489.88
MW - 10	03/30/09	3509.91	-	20.02	0.00	3489.89
MW - 10	04/13/09	3509.91	-	19.99	0.00	3489.92
MW - 10	04/16/09	3509.91	-	20.03	0.00	3489.88
MW - 10	04/21/09	3509.91	-	20.01	0.00	3489.90
MW - 10	04/27/09	3509.91	-	20.01	0.00	3489.90
MW - 10	04/30/09	3509.91	-	20.00	0.00	3489.91
MW - 10	05/06/09	3509.91	-	20.02	0.00	3489.89
MW - 10	05/12/09	3509.91	-	19.97	0.00	3489.94
MW - 10	05/19/09	3509.91	-	20.08	0.00	3489.83
MW - 10	05/26/09	3509.91	-	20.14	0.00	3489.77
MW - 10	06/01/09	3509.91	-	20.23	0.00	3489.68
MW - 10	06/12/09	3509.91	-	20.31	0.00	3489.60
MW - 10	06/22/09	3509.91	-	20.41	0.00	3489.50
MW - 10	06/29/09	3509.91	-	20.52	0.00	3489.39
MW - 10	07/06/09	3509.91	-	20.61	0.00	3489.30
MW - 10	07/09/09	3509.91	-	20.11	0.00	3489.80
MW - 10	07/13/09	3509.91	-	20.13	0.00	3489.78
MW - 10	07/20/09	3509.91	-	21.14	0.00	3488.77
MW - 10	07/23/09	3509.91	-	20.69	0.00	3489.22
MW - 10	07/27/09	3509.91	-	20.71	0.00	3489.20
MW - 10	07/29/09	3509.91	-	20.65	0.00	3489.26
MW - 10	08/03/09	3509.91	-	20.57	0.00	3489.34
MW - 10	08/10/09	3509.91	-	20.69	0.00	3489.22
MW - 10	08/10/09	3509.91	-	20.69	0.00	3489.22
MW - 10	08/18/09	3509.91	-	20.80	0.00	3489.11
MW - 10	08/24/09	3509.91	-	20.84	0.00	3489.07

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	08/28/09	3509.91	-	19.82	0.00	3490.09
MW - 10	08/31/09	3509.91	-	20.91	0.00	3489.00
MW - 10	09/02/09	3509.91	-	20.76	0.00	3489.15
MW - 10	09/08/09	3509.91	-	20.96	0.00	3488.95
MW - 10	09/10/09	3509.91	-	20.87	0.00	3489.04
MW - 10	09/16/09	3509.91	-	20.91	0.00	3489.00
MW - 10	09/18/09	3509.91	-	20.90	0.00	3489.01
MW - 10	09/22/09	3509.91	-	20.93	0.00	3488.98
MW - 10	09/28/09	3509.91	-	19.83	0.00	3490.08
MW - 10	10/09/09	3509.91	-	20.95	0.00	3488.96
MW - 10	10/12/09	3509.91	-	20.09	0.00	3489.82
MW - 10	10/20/09	3509.91	-	21.05	0.00	3488.86
MW - 10	10/26/09	3509.91	-	20.11	0.00	3489.80
MW - 10	10/28/09	3509.91	-	20.99	0.00	3488.92
MW - 10	11/03/09	3509.91	-	20.94	0.00	3488.97
MW - 10	11/12/09	3509.91	-	20.90	0.00	3489.01
MW - 10	11/18/09	3509.91	-	20.94	0.00	3488.97
MW - 10	12/03/09	3509.91	sheen	20.86	0.00	3489.05
MW - 10	12/11/09	3509.91	sheen	20.86	0.00	3489.05
MW - 10	12/16/09	3509.91	sheen	20.84	0.00	3489.07
MW - 10	12/21/09	3509.91	-	20.89	0.00	3489.02
MW - 10	12/28/09	3509.91	-	20.80	0.00	3489.11
MW - 10	01/04/10	3509.91	-	20.80	0.00	3489.11
MW - 10	01/14/10	3509.91	sheen	20.80	0.00	3489.11
MW - 10	01/20/10	3509.91	sheen	20.70	0.00	3489.21
MW - 10	01/25/10	3509.91	-	20.72	0.00	3489.19
MW - 10	01/27/10	3509.91	sheen	20.70	0.00	3489.21
MW - 10	02/01/10	3509.91	sheen	20.67	0.00	3489.24
MW - 10	02/08/10	3509.91	sheen	20.66	0.00	3489.25
MW - 10	02/09/10	3509.91	sheen	20.74	0.00	3489.17
MW - 10	02/19/10	3509.91	-	20.53	0.00	3489.38
MW - 10	02/26/10	3509.91	sheen	19.61	0.00	3490.30
MW - 10	03/01/10	3509.91	-	20.70	0.00	3489.21
MW - 10	03/04/10	3509.91	sheen	20.56	0.00	3489.35
MW - 10	03/08/10	3509.91	sheen	20.58	0.00	3489.33
MW - 10	03/11/10	3509.91	-	20.47	0.00	3489.44
MW - 10	03/15/10	3509.91	sheen	20.54	0.00	3489.37
MW - 10	03/17/10	3509.91	sheen	20.45	0.00	3489.46
MW - 10	03/22/10	3509.91	-	20.41	0.00	3489.50
MW - 10	03/29/10	3509.91	-	20.37	0.00	3489.54
MW - 10	04/05/10	3509.91	sheen	20.42	0.00	3489.49
MW - 10	04/14/10	3509.91	sheen	20.39	0.00	3489.52
MW - 10	04/16/10	3509.91	-	20.92	0.00	3488.99
MW - 10	04/19/10	3509.91	sheen	20.42	0.00	3489.49
MW - 10	04/28/10	3509.91	sheen	20.34	0.00	3489.57
MW - 10	05/05/10	3509.91	-	20.82	0.00	3489.09
MW - 10	05/12/10	3509.91	sheen	20.37	0.00	3489.54
MW - 10	05/14/10	3509.91	sheen	20.37	0.00	3489.54
MW - 10	05/21/10	3509.91	sheen	20.38	0.00	3489.53
MW - 10	05/26/10	3509.91	sheen	20.33	0.00	3489.58
MW - 10	06/04/10	3509.91	sheen	20.40	0.00	3489.51
MW - 10	06/07/10	3509.91	sheen	20.52	0.00	3489.39
MW - 10	06/12/10	3509.91	sheen	20.56	0.00	3489.35
MW - 10	06/24/10	3509.91	sheen	20.68	0.00	3489.23

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	07/07/10	3509.91	sheen	20.33	0.00	3489.58
MW - 10	07/12/10	3509.91	sheen	20.13	0.00	3489.78
MW - 10	07/19/10	3509.91	sheen	20.05	0.00	3489.86
MW - 10	08/03/10	3509.91	sheen	19.97	0.00	3489.94
MW - 10	08/11/10	3509.91	sheen	19.97	0.00	3489.94
MW - 10	08/19/10	3509.91	-	20.03	0.00	3489.88
MW - 10	08/25/10	3509.91	sheen	20.06	0.00	3489.85
MW - 10	09/01/10	3509.91	sheen	20.12	0.00	3489.79
MW - 10	09/09/10	3509.91	sheen	20.20	0.00	3489.71
MW - 10	09/13/10	3509.91	sheen	19.96	0.00	3489.95
MW - 10	09/29/10	3509.91	sheen	20.28	0.00	3489.63
MW - 10	10/05/10	3509.91	sheen	19.85	0.00	3490.06
MW - 10	10/20/10	3509.91	sheen	19.89	0.00	3490.02
MW - 10	10/25/10	3509.91	sheen	19.87	0.00	3490.04
MW - 10	11/03/10	3509.91	sheen	20.07	0.00	3489.84
MW - 10	11/10/10	3509.91	sheen	20.11	0.00	3489.80
MW - 10	11/11/10	3509.91	-	20.11	0.00	3489.80
MW - 10	12/09/10	3509.91	sheen	19.92	0.00	3489.99
MW - 10	01/18/11	3509.91	-	20.11	0.00	3489.80
MW - 10	02/16/11	3509.91	-	20.13	0.00	3489.78
MW - 10	03/01/11	3509.91	-	22.01	0.00	3487.90
MW - 10	03/07/11	3509.91	-	20.21	0.00	3489.70
MW - 10	03/22/11	3509.91	-	20.14	0.00	3489.77
MW - 10	04/27/11	3509.91	-	20.23	0.00	3489.68
MW - 10	05/19/11	3509.91	-	20.15	0.00	3489.76
MW - 10	06/08/11	3509.91	-	20.58	0.00	3489.33
MW - 10	07/06/11	3509.91	-	20.84	0.00	3489.07
MW - 10	08/10/11	3509.91	-	21.04	0.00	3488.87
MW - 10	09/07/11	3509.91	-	20.18	0.00	3489.73
MW - 10	09/14/11	3509.91	-	21.17	0.00	3488.74
MW - 10	11/14/11	3509.91	-	20.99	0.00	3488.92
MW - 10	12/01/11	3509.91	-	20.94	0.00	3488.97
MW - 10	12/08/11	3509.91	-	20.95	0.00	3488.96
MW - 10	12/14/11	3509.91	-	20.91	0.00	3489.00
MW - 10	01/12/12	3509.91	-	20.88	0.00	3489.03
MW - 10	01/19/12	3509.91	-	20.81	0.00	3489.10
MW - 10	02/03/12	3509.91	-	20.77	0.00	3489.14
MW - 10	02/29/12	3509.91	-	20.67	0.00	3489.24
MW - 10	03/14/12	3509.91	-	20.61	0.00	3489.30
MW - 10	03/19/12	3509.91	-	20.62	0.00	3489.29
MW - 10	03/29/12	3509.91	-	20.59	0.00	3489.32
MW - 10	04/05/12	3509.91	-	20.55	0.00	3489.36
MW - 10	04/18/12	3509.91	-	20.52	0.00	3489.39
MW - 10	04/27/12	3509.91	-	20.55	0.00	3489.36
MW - 10	05/02/12	3509.91	-	20.59	0.00	3489.32
MW - 10	05/31/12	3509.91	-	20.55	0.00	3489.36
MW - 10	06/08/12	3509.91	-	19.61	0.00	3490.30
MW - 10	06/12/12	3509.91	-	20.66	0.00	3489.25
MW - 10	06/21/12	3509.91	-	20.65	0.00	3489.26
MW - 10	06/29/12	3509.91	-	20.75	0.00	3489.16
MW - 10	07/13/12	3509.91	-	20.93	0.00	3488.98
MW - 10	12/06/12	3509.91	-	21.17	0.00	3488.74
MW - 10	12/11/12	3509.91	-	21.17	0.00	3488.74
MW - 10	12/18/12	3509.91	-	21.16	0.00	3488.75

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	01/09/13	3509.91	-	21.11	0.00	3488.80
MW - 10	01/15/13	3509.91	-	21.12	0.00	3488.79
MW - 10	01/23/13	3509.91	-	21.11	0.00	3488.80
MW - 10	01/29/13	3509.91	-	21.09	0.00	3488.82
MW - 10	02/07/13	3509.91	-	21.06	0.00	3488.85
MW - 10	02/13/13	3509.91	-	21.03	0.00	3488.88
MW - 10	02/20/13	3509.91	20.99	21.00	0.01	3488.92
MW - 10	03/15/13	3509.91	-	20.98	0.00	3488.93
MW - 10	03/19/13	3509.91	-	20.99	0.00	3488.92
MW - 10	04/02/13	3509.91	-	20.96	0.00	3488.95
MW - 10	04/09/13	3509.91	-	20.93	0.00	3488.98
MW - 10	04/16/13	3509.91	-	20.92	0.00	3488.99
MW - 10	04/23/13	3509.91	-	20.91	0.00	3489.00
MW - 10	04/30/13	3509.91	-	20.89	0.00	3489.02
MW - 10	05/08/13	3509.91	-	20.89	0.00	3489.02
MW - 10	05/14/13	3509.91	-	20.89	0.00	3489.02
MW - 10	05/22/13	3509.91	-	20.89	0.00	3489.02
MW - 10	05/28/13	3509.91	-	20.89	0.00	3489.02
MW - 10	06/04/13	3509.91	-	20.94	0.00	3488.97
MW - 10	06/11/13	3509.91	-	20.99	0.00	3488.92
MW - 10	06/19/13	3509.91	-	21.06	0.00	3488.85
MW - 10	06/28/13	3509.91	-	21.22	0.00	3488.69
MW - 10	07/01/13	3509.91	-	21.24	0.00	3488.67
MW - 10	07/08/13	3509.91	-	21.33	0.00	3488.58
MW - 10	07/23/13	3509.91	-	21.32	0.00	3488.59
MW - 10	07/30/13	3509.91	-	21.26	0.00	3488.65
MW - 10	08/05/13	3509.91	-	21.24	0.00	3488.67
MW - 10	08/12/13	3509.91	-	21.27	0.00	3488.64
MW - 10	08/22/13	3509.91	-	21.40	0.00	3488.51
MW - 10	08/29/13	3509.91	-	21.48	0.00	3488.43
MW - 10	09/05/13	3509.91	-	21.51	0.00	3488.40
MW - 10	09/10/13	3509.91	-	21.56	0.00	3488.35
MW - 10	09/17/13	3509.91	-	21.66	0.00	3488.25
MW - 10	09/24/13	3509.91	-	21.62	0.00	3488.29
MW - 10	10/07/13	3509.91	-	21.76	0.00	3488.15
MW - 10	11/14/13	-	-	23.95	0.00	-
MW - 10	11/20/13	-	-	23.90	0.00	-
MW - 10	12/12/13	-	-	23.85	0.00	-
MW - 10	12/19/13	-	-	23.84	0.00	-
MW - 10	01/03/14	-	-	23.79	0.00	-
MW - 10	01/09/14	-	-	23.80	0.00	-
MW - 10	01/13/14	-	-	23.77	0.00	-
MW - 10	01/21/14	-	-	23.75	0.00	-
MW - 10	01/24/14	-	-	23.74	0.00	-
MW - 10	02/04/14	3513.79	-	23.70	0.00	3490.09
MW - 10	02/10/14	3513.79	-	23.71	0.00	3490.08
MW - 10	02/27/14	3513.79	-	23.67	0.00	3490.12
MW - 10	03/17/14	3513.79	-	23.59	0.00	3490.20
MW - 10	03/27/14	3513.79	-	23.58	0.00	3490.21
MW - 10	04/02/14	3513.79	-	23.60	0.00	3490.19
MW - 10	04/16/14	3513.79	-	23.53	0.00	3490.26
MW - 10	04/22/14	3513.79	-	23.52	0.00	3490.27
MW - 10	04/28/14	3513.79	-	23.55	0.00	3490.24
MW - 10	05/06/14	3513.79	-	23.46	0.00	3490.33

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	05/13/14	3513.79	-	23.55	0.00	3490.24
MW - 10	05/14/14	3513.79	-	23.53	0.00	3490.26
MW - 10	05/21/14	3513.79	-	23.57	0.00	3490.22
MW - 10	06/05/14	3513.79	-	23.72	0.00	3490.07
MW - 10	06/11/14	3513.79	-	23.82	0.00	3489.97
MW - 10	06/16/14	3513.79	-	23.89	0.00	3489.90
MW - 10	07/22/14	3513.79	-	24.23	0.00	3489.56
MW - 10	08/05/14	3513.79	-	24.31	0.00	3489.48
MW - 10	10/27/14	3513.79	-	23.22	0.00	3490.57
MW - 10	11/19/14	3513.79	-	23.08	0.00	3490.71
MW - 10	02/09/15	3513.79	-	23.08	0.00	3490.71
MW - 10	03/20/15	3513.79	-	23.06	0.00	3490.73
MW - 10	04/04/15	3513.79	-	23.03	0.00	3490.76
MW - 10	05/27/15	3513.79	-	22.89	0.00	3490.90
MW - 10	07/02/15	3513.79	-	22.99	0.00	3490.80
MW - 10	08/03/15	3513.79	-	23.29	0.00	3490.50
MW - 10	09/24/15	3513.79	-	23.54	0.00	3490.25
MW - 10	11/18/15	3513.79	-	23.09	0.00	3490.70
MW - 10	01/08/16	3513.79	-	22.99	0.00	3490.80
MW - 10	02/23/16	3513.79	-	22.93	0.00	3490.86
MW - 10	04/08/16	3513.79	-	22.86	0.00	3490.93
MW - 10	06/06/16	3513.79	-	22.92	0.00	3490.87
MW - 10	06/28/16	3513.79	-	23.24	0.00	3490.55
MW - 10	07/27/16	3513.79	-	23.60	0.00	3490.19
MW - 10	08/03/16	3513.79	-	23.55	0.00	3490.24
MW - 10	09/27/16	3513.79	-	22.71	0.00	3491.08
MW - 10	10/21/16	3513.79	-	22.56	0.00	3491.23
MW - 10	11/09/16	3513.79	-	22.53	0.00	3491.26
MW - 10	01/26/17	3513.79	-	22.58	0.00	3491.21
MW - 10	03/01/17	3513.79	-	22.48	0.00	3491.31
MW - 10	03/15/17	3513.79	-	22.42	0.00	3491.37
MW - 10	05/23/17	3513.79	-	22.47	0.00	3491.32
MW - 10	07/20/17	3513.79	-	23.05	0.00	3490.74
MW - 10	08/16/17	3513.79	-	22.94	0.00	3490.85
MW - 10	09/13/17	3513.79	-	23.01	0.00	3490.78
MW - 10	10/12/17	3513.79	-	22.72	0.00	3491.07
MW - 10	11/14/17	3513.79	-	23.64	0.00	3490.15
MW - 10	12/20/17	3513.79	-	23.53	0.00	3490.26
MW - 10	01/09/18	3513.79	-	22.49	0.00	3491.30
MW - 10	02/08/18	3513.79	-	22.49	0.00	3491.30
MW - 10	03/29/18	3513.79	-	22.43	0.00	3491.36
MW - 10	04/16/18	3513.79	-	22.39	0.00	3491.40
MW - 10	05/21/18	3513.79	-	22.62	0.00	3491.17
MW - 10	06/18/18	3513.79	-	22.91	0.00	3490.88
MW - 10	07/11/18	3513.79	-	23.12	0.00	3490.67
MW - 10	08/08/18	3513.79	-	23.31	0.00	3490.48
MW - 10	09/12/18	3513.79	-	23.37	0.00	3490.42
MW - 10	11/13/18	3513.79	-	23.06	0.00	3490.73
MW - 10	11/15/18	3513.79	-	23.06	0.00	3490.73
MW - 10	12/03/18	3513.79	-	21.63	0.00	3492.16
MW - 10	01/09/19	3513.79	-	22.83	0.00	3490.96
MW - 10	02/12/19	3513.79	-	22.79	0.00	3491.00
MW - 10	02/07/19	3513.79	-	26.84	0.00	3486.95
MW - 10	03/12/19	3513.79	-	22.71	0.00	3491.08

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	04/01/19	3513.79	-	22.64	0.00	3491.15
MW - 10	05/07/19	3513.79	-	22.58	0.00	3491.21
MW - 10	06/14/19	3513.79	-	22.86	0.00	3490.93
MW - 10	07/11/19	3513.79	-	23.18	0.00	3490.61
MW - 10	08/07/19	3513.79	-	23.37	0.00	3490.42
MW - 10	09/12/19	3513.79	-	23.54	0.00	3490.25
MW - 10	10/15/19	3513.79	-	23.35	0.00	3490.44
MW - 10	11/06/19	3513.79	-	23.24	0.00	3490.55
MW - 10	12/17/19	3513.79	-	23.04	0.00	3490.75
MW - 10	01/06/20	3513.79	-	22.97	0.00	3490.82
MW - 10	03/04/20	3513.79	-	22.87	0.00	3490.92
MW - 10	05/14/20	3513.79	-	22.62	0.00	3491.17
MW - 10	06/17/20	3513.79	-	23.12	0.00	3490.67
MW - 10	07/21/20	3513.79	-	23.45	0.00	3490.34
MW - 10	08/12/20	3513.79	-	23.56	0.00	3490.23
MW - 10	09/14/20	3513.79	-	23.69	0.00	3490.10
MW - 10	12/08/20	3513.79	-	23.76	0.00	3490.03
MW - 10	01/13/21	3513.79	-	23.70	0.00	3490.09
MW - 10	02/10/21	3513.79	-	23.62	0.00	3490.17
MW - 10	04/21/21	3513.79	-	23.50	0.00	3490.29
MW - 10	06/10/21	3513.79	-	23.55	0.00	3490.24
MW - 10	09/22/21	3513.79	-	23.87	0.00	3489.92
MW - 10	10/14/21	3513.79	-	23.90	0.00	3489.89
MW - 10	12/06/21	3513.79	-	23.93	0.00	3489.86
MW - 11	06/20/02	3509.27	-	20.41	0.00	3488.86
MW - 11	09/26/02	3509.27	-	20.96	0.00	3488.31
MW - 11	11/12/02	3509.27	-	20.73	0.00	3488.54
MW - 11	02/12/03	3509.27	-	20.45	0.00	3488.82
MW - 11	05/14/03	3509.27	-	20.47	0.00	3488.80
MW - 11	08/21/03	3509.27	-	21.38	0.00	3487.89
MW - 11	12/10/03	3509.27	-	21.33	0.00	3487.94
MW - 11	02/11/04	3509.27	-	21.33	0.00	3487.94
MW - 11	05/11/04	3509.27	-	20.22	0.00	3489.05
MW - 11	08/25/04	3509.27	-	20.60	0.00	3488.67
MW - 11	11/03/04	3509.27	-	19.94	0.00	3489.33
MW - 11	12/03/04	3509.27	-	19.94	0.00	3489.33
MW - 11	03/08/05	3509.27	-	19.14	0.00	3490.13
MW - 11	06/08/05	3509.27	-	18.63	0.00	3490.64
MW - 11	09/15/05	3509.27	-	19.06	0.00	3490.21
MW - 11	12/12/05	3509.27	-	18.85	0.00	3490.42
MW - 11	03/16/06	3509.27	-	18.78	0.00	3490.49
MW - 11	06/15/06	3509.27	-	19.34	0.00	3489.93
MW - 11	09/18/06	3509.27	-	19.11	0.00	3490.16
MW - 11	11/30/06	3509.27	-	19.11	0.00	3490.16
MW - 11	02/27/07	3509.27	-	18.88	0.00	3490.39
MW - 11	05/22/07	3509.27	-	18.68	0.00	3490.59
MW - 11	08/15/07	3509.27	-	19.49	0.00	3489.78
MW - 11	11/06/07	3509.27	-	19.24	0.00	3490.03
MW - 11	02/12/08	3509.27	-	19.07	0.00	3490.20
MW - 11	05/13/08	3509.27	-	19.03	0.00	3490.24
MW - 11	08/14/08	3509.27	-	19.90	0.00	3489.37
MW - 11	11/12/08	3509.27	-	19.35	0.00	3489.92
MW - 11	02/10/09	3509.27	-	19.21	0.00	3490.06

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 11	05/12/09	3509.27	-	19.18	0.00	3490.09
MW - 11	08/10/09	3509.27	-	19.92	0.00	3489.35
MW - 11	11/18/09	3509.27	-	20.06	0.00	3489.21
MW - 11	01/04/10	3509.27	-	19.97	0.00	3489.30
MW - 11	02/09/10	3509.27	-	19.81	0.00	3489.46
MW - 11	05/12/10	3509.27	-	19.36	0.00	3489.91
MW - 11	08/11/10	3509.27	-	19.36	0.00	3489.91
MW - 11	11/11/10	3509.27	-	20.09	0.00	3489.18
MW - 11	02/16/11	3509.27	-	20.11	0.00	3489.16
MW - 11	05/19/11	3509.27	-	20.13	0.00	3489.14
MW - 11	08/10/11	3509.27	-	20.27	0.00	3489.00
MW - 11	11/14/11	3509.27	-	20.16	0.00	3489.11
MW - 11	02/29/12	3509.27	-	19.83	0.00	3489.44
MW - 11	05/02/12	3509.27	-	19.76	0.00	3489.51
MW - 11	12/06/12	3509.27	-	20.12	0.00	3489.15
MW - 11	02/13/13	3509.27	-	19.97	0.00	3489.30
MW - 11	05/22/13	3509.27	-	20.06	0.00	3489.21
MW - 11	08/12/13	3509.27	-	20.46	0.00	3488.81
MW - 11	11/20/13	3509.27	-	22.83	0.00	3486.44
MW - 11	02/04/14	3512.89	-	22.61	0.00	3490.28
MW - 11	05/14/14	3512.89	-	22.46	0.00	3490.43
MW - 11	07/22/14	3512.89	-	23.18	0.00	3489.71
MW - 11	08/05/14	3512.89	-	23.24	0.00	3489.65
MW - 11	10/27/14	3512.89	-	22.19	0.00	3490.70
MW - 11	11/19/14	3512.89	-	22.12	0.00	3490.77
MW - 11	02/09/15	3512.89	-	22.02	0.00	3490.87
MW - 11	03/20/15	3512.89	-	21.98	0.00	3490.91
MW - 11	04/04/15	3512.89	-	21.94	0.00	3490.95
MW - 11	05/27/15	3512.89	-	21.81	0.00	3491.08
MW - 11	07/09/15	3512.89	-	21.97	0.00	3490.92
MW - 11	08/03/15	3512.89	-	22.28	0.00	3490.61
MW - 11	09/24/15	3512.89	-	22.50	0.00	3490.39
MW - 11	11/18/15	3512.89	-	22.04	0.00	3490.85
MW - 11	01/08/16	3512.89	-	21.92	0.00	3490.97
MW - 11	02/23/16	3512.89	-	21.83	0.00	3491.06
MW - 11	04/08/16	3512.89	-	21.72	0.00	3491.17
MW - 11	06/06/16	3512.89	-	21.87	0.00	3491.02
MW - 11	06/28/16	3512.89	-	22.15	0.00	3490.74
MW - 11	07/27/16	3512.89	-	22.50	0.00	3490.39
MW - 11	08/03/16	3512.89	-	22.56	0.00	3490.33
MW - 11	09/27/16	3512.89	-	21.62	0.00	3491.27
MW - 11	10/21/16	3512.89	-	21.50	0.00	3491.39
MW - 11	11/08/16	3512.89	-	21.49	0.00	3491.40
MW - 11	01/26/17	3512.89	-	21.46	0.00	3491.43
MW - 11	02/28/17	3512.89	-	21.44	0.00	3491.45
MW - 11	03/15/17	3512.89	-	21.41	0.00	3491.48
MW - 11	05/23/17	3512.89	-	21.46	0.00	3491.43
MW - 11	07/20/17	3512.89	-	22.08	0.00	3490.81
MW - 11	08/16/17	3512.89	-	21.93	0.00	3490.96
MW - 11	09/13/17	3512.89	-	22.12	0.00	3490.77
MW - 11	10/12/17	3512.89	-	21.71	0.00	3491.18
MW - 11	11/13/17	3512.89	-	21.60	0.00	3491.29
MW - 11	12/20/17	3512.89	-	21.51	0.00	3491.38
MW - 11	01/09/18	3512.89	-	21.48	0.00	3491.41

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 11	02/07/18	3512.89	-	21.48	0.00	3491.41
MW - 11	03/29/18	3512.89	-	21.40	0.00	3491.49
MW - 11	04/16/18	3512.89	-	21.37	0.00	3491.52
MW - 11	05/21/18	3512.89	-	21.63	0.00	3491.26
MW - 11	06/18/18	3512.89	-	21.91	0.00	3490.98
MW - 11	07/11/18	3512.89	-	22.13	0.00	3490.76
MW - 11	08/08/18	3512.89	-	22.34	0.00	3490.55
MW - 11	09/12/18	3512.89	-	22.32	0.00	3490.57
MW - 11	11/12/18	3512.89	-	22.02	0.00	3490.87
MW - 11	01/09/19	3512.89	-	21.82	0.00	3491.07
MW - 11	02/12/19	3512.89	-	21.76	0.00	3491.13
MW - 11	03/12/19	3512.89	-	21.68	0.00	3491.21
MW - 11	04/01/19	3512.89	-	21.62	0.00	3491.27
MW - 11	05/07/19	3512.89	-	21.56	0.00	3491.33
MW - 11	06/14/19	3512.89	-	21.85	0.00	3491.04
MW - 11	07/11/19	3512.89	-	22.18	0.00	3490.71
MW - 11	08/07/19	3512.89	-	22.40	0.00	3490.49
MW - 11	09/12/19	3512.89	-	22.55	0.00	3490.34
MW - 11	10/15/19	3512.89	-	22.34	0.00	3490.55
MW - 11	11/05/19	3512.89	-	22.24	0.00	3490.65
MW - 11	12/17/19	3512.89	-	22.00	0.00	3490.89
MW - 11	01/06/20	3512.89	-	21.95	0.00	3490.94
MW - 11	03/04/20	3512.89	-	21.82	0.00	3491.07
MW - 11	05/14/20	3512.89	-	21.63	0.00	3491.26
MW - 11	06/17/20	3512.89	-	22.16	0.00	3490.73
MW - 11	07/21/20	3512.89	-	22.46	0.00	3490.43
MW - 11	08/12/20	3512.89	-	22.57	0.00	3490.32
MW - 11	09/14/20	3512.89	-	22.69	0.00	3490.20
MW - 11	12/09/20	3512.89	-	22.74	0.00	3490.15
MW - 11	01/13/21	3512.89	-	22.68	0.00	3490.21
MW - 11	02/10/21	3512.89	-	22.59	0.00	3490.30
MW - 11	04/21/21	3512.89	-	22.48	0.00	3490.41
MW - 11	06/09/21	3512.89	-	22.52	0.00	3490.37
MW - 11	09/23/21	3512.89	-	22.88	0.00	3490.01
MW - 11	10/14/21	3512.89	-	22.91	0.00	3489.98
MW - 11	12/06/21	3512.89	-	22.90	0.00	3489.99
MW - 12	06/20/02	3508.63	-	20.07	0.00	3488.56
MW - 12	09/26/02	3508.63	-	20.54	0.00	3488.09
MW - 12	11/12/02	3508.63	-	20.45	0.00	3488.18
MW - 12	02/12/03	3508.63	-	20.05	0.00	3488.58
MW - 12	05/14/03	3508.63	-	20.09	0.00	3488.54
MW - 12	08/21/03	3508.63	-	20.97	0.00	3487.66
MW - 12	12/10/03	3508.63	-	20.95	0.00	3487.68
MW - 12	02/11/04	3508.63	-	20.98	0.00	3487.65
MW - 12	05/11/04	3508.63	-	19.83	0.00	3488.80
MW - 12	08/25/04	3508.63	-	20.23	0.00	3488.40
MW - 12	12/02/04	3508.63	-	19.54	0.00	3489.09
MW - 12	03/08/05	3508.63	-	18.83	0.00	3489.80
MW - 12	06/08/05	3508.63	-	18.31	0.00	3490.32
MW - 12	09/15/05	3508.63	-	18.64	0.00	3489.99
MW - 12	12/12/05	3508.63	-	18.45	0.00	3490.18
MW - 12	03/16/06	3508.63	-	18.40	0.00	3490.23
MW - 12	06/15/06	3508.63	-	18.89	0.00	3489.74

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 12	09/18/06	3508.63	-	18.69	0.00	3489.94
MW - 12	11/30/06	3508.63	-	18.69	0.00	3489.94
MW - 12	02/27/07	3508.63	-	18.48	0.00	3490.15
MW - 12	05/22/07	3508.63	-	18.30	0.00	3490.33
MW - 12	08/15/07	3508.63	-	19.03	0.00	3489.60
MW - 12	11/06/07	3508.63	-	18.83	0.00	3489.80
MW - 12	02/12/08	3508.63	-	18.69	0.00	3489.94
MW - 12	06/05/08	3508.63	-	18.70	0.00	3489.93
MW - 12	08/14/08	3508.63	-	0.00	0.00	3508.63
MW - 12	11/12/08	3508.63	-	18.94	0.00	3489.69
MW - 12	02/10/09	3508.63	-	18.81	0.00	3489.82
MW - 12	05/12/09	3508.63	-	18.76	0.00	3489.87
MW - 12	08/10/09	3508.63	-	19.48	0.00	3489.15
MW - 12	11/18/09	3508.63	-	19.65	0.00	3488.98
MW - 12	01/04/10	3508.63	-	19.54	0.00	3489.09
MW - 12	02/09/10	3508.63	-	19.42	0.00	3489.21
MW - 12	05/12/10	3508.63	-	18.99	0.00	3489.64
MW - 12	08/11/10	3508.63	-	19.00	0.00	3489.63
MW - 12	11/11/10	3508.63	-	19.65	0.00	3488.98
MW - 12	02/16/11	3508.63	-	19.67	0.00	3488.96
MW - 12	05/19/11	3508.63	-	19.70	0.00	3488.93
MW - 12	08/10/11	3508.63	-	20.13	0.00	3488.50
MW - 12	11/14/11	3508.63	-	19.76	0.00	3488.87
MW - 12	02/29/12	3508.63	-	19.46	0.00	3489.17
MW - 12	05/02/12	3508.63	-	19.37	0.00	3489.26
MW - 12	12/06/12	3508.63	-	19.73	0.00	3488.90
MW - 12	02/13/13	3508.63	-	19.60	0.00	3489.03
MW - 12	05/22/13	3508.63	-	19.44	0.00	3489.19
MW - 12	08/12/13	3508.63	-	19.82	0.00	3488.81
MW - 12	11/20/13	3508.63	-	19.89	0.00	3488.74
MW - 12	02/04/14	3509.69	-	19.69	0.00	3490.00
MW - 12	05/14/14	3509.69	-	20.53	0.00	3489.16
MW - 12	07/22/14	3509.69	-	20.16	0.00	3489.53
MW - 12	08/05/14	3509.69	-	20.22	0.00	3489.47
MW - 12	10/27/14	3509.69	-	19.19	0.00	3490.50
MW - 12	11/19/14	3509.69	-	19.14	0.00	3490.55
MW - 12	02/09/15	3509.69	-	19.08	0.00	3490.61
MW - 12	03/20/15	3509.69	-	19.06	0.00	3490.63
MW - 12	04/04/15	3509.69	-	19.03	0.00	3490.66
MW - 12	05/27/15	3509.69	-	18.90	0.00	3490.79
MW - 12	07/09/15	3509.69	-	18.97	0.00	3490.72
MW - 12	08/03/15	3509.69	-	19.26	0.00	3490.43
MW - 12	09/24/15	3509.69	-	19.49	0.00	3490.20
MW - 12	11/18/15	3509.69	-	19.10	0.00	3490.59
MW - 12	01/08/16	3509.69	-	18.98	0.00	3490.71
MW - 12	02/23/16	3509.69	-	18.90	0.00	3490.79
MW - 12	04/08/16	3509.69	-	18.80	0.00	3490.89
MW - 12	06/06/16	3509.69	-	18.88	0.00	3490.81
MW - 12	06/28/16	3509.69	-	19.13	0.00	3490.56
MW - 12	07/27/16	3509.69	-	19.46	0.00	3490.23
MW - 12	08/03/16	3509.69	-	19.51	0.00	3490.18
MW - 12	09/27/16	3509.69	-	18.54	0.00	3491.15
MW - 12	10/21/16	3509.69	-	18.48	0.00	3491.21
MW - 12	11/08/16	3509.69	-	18.50	0.00	3491.19

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 12	01/26/17	3509.69	-	18.52	0.00	3491.17
MW - 12	02/28/17	3509.69	-	18.50	0.00	3491.19
MW - 12	03/15/17	3509.69	-	18.48	0.00	3491.21
MW - 12	05/23/17	3509.69	-	18.50	0.00	3491.19
MW - 12	07/20/17	3509.69	-	19.05	0.00	3490.64
MW - 12	08/16/17	3509.69	-	18.96	0.00	3490.73
MW - 12	09/13/17	3509.69	-	19.03	0.00	3490.66
MW - 12	10/12/17	3509.69	-	18.73	0.00	3490.96
MW - 12	11/13/17	3509.69	-	18.64	0.00	3491.05
MW - 12	12/20/17	3509.69	-	18.57	0.00	3491.12
MW - 12	01/09/18	3509.69	-	18.52	0.00	3491.17
MW - 12	02/07/18	3509.69	-	18.51	0.00	3491.18
MW - 12	03/29/18	3509.69	-	18.46	0.00	3491.23
MW - 12	04/16/18	3509.69	-	18.43	0.00	3491.26
MW - 12	05/21/18	3509.69	-	18.63	0.00	3491.06
MW - 12	06/18/18	3509.69	-	18.92	0.00	3490.77
MW - 12	07/11/18	3509.69	-	19.81	0.00	3489.88
MW - 12	08/08/18	3509.69	-	19.30	0.00	3490.39
MW - 12	09/12/18	3509.69	-	19.36	0.00	3490.33
MW - 12	11/12/18	3509.69	-	19.08	0.00	3490.61
MW - 12	01/09/19	3509.69	-	18.86	0.00	3490.83
MW - 12	02/12/19	3509.69	-	18.82	0.00	3490.87
MW - 12	03/12/19	3509.69	-	18.75	0.00	3490.94
MW - 12	04/01/19	3509.69	-	18.70	0.00	3490.99
MW - 12	05/07/19	3509.69	-	18.62	0.00	3491.07
MW - 12	06/14/19	3509.69	-	18.87	0.00	3490.82
MW - 12	07/11/19	3509.69	-	19.18	0.00	3490.51
MW - 12	08/07/19	3509.69	-	19.37	0.00	3490.32
MW - 12	09/12/19	3509.69	-	19.54	0.00	3490.15
MW - 12	10/15/19	3509.69	-	19.39	0.00	3490.30
MW - 12	11/06/19	3509.69	-	19.26	0.00	3490.43
MW - 12	12/17/19	3509.69	-	19.05	0.00	3490.64
MW - 12	01/06/20	3509.69	-	19.00	0.00	3490.69
MW - 12	03/04/20	3509.69	-	18.90	0.00	3490.79
MW - 12	05/14/20	3509.69	-	18.68	0.00	3491.01
MW - 12	06/17/20	3509.69	-	19.13	0.00	3490.56
MW - 12	07/21/20	3509.69	-	19.42	0.00	3490.27
MW - 12	08/12/20	3509.69	-	19.55	0.00	3490.14
MW - 12	09/14/20	3509.69	-	19.68	0.00	3490.01
MW - 12	12/09/20	3509.69	-	19.78	0.00	3489.91
MW - 12	02/10/21	3509.69	-	19.66	0.00	3490.03
MW - 12	04/21/21	3509.69	-	19.54	0.00	3490.15
MW - 12	06/09/21	3509.69	-	19.55	0.00	3490.14
MW - 12	09/22/21	3509.69	-	19.87	0.00	3489.82
MW - 12	10/14/21	3509.69	-	19.91	0.00	3489.78
MW - 12	12/06/21	3509.69	-	19.95	0.00	3489.74
MW - 13	06/20/02	3507.96	-	19.58	0.00	3488.38
MW - 13	09/26/02	3507.96	-	20.05	0.00	3487.91
MW - 13	11/12/02	3507.96	-	19.97	0.00	3487.99
MW - 13	02/12/03	3507.96	-	19.56	0.00	3488.40
MW - 13	05/14/03	3507.96	-	19.63	0.00	3488.33
MW - 13	08/21/03	3507.96	-	20.45	0.00	3487.51
MW - 13	12/10/03	3507.96	-	20.41	0.00	3487.55

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 13	02/11/04	3507.96	-	20.49	0.00	3487.47
MW - 13	05/11/04	3507.96	-	19.30	0.00	3488.66
MW - 13	08/25/04	3507.96	-	19.71	0.00	3488.25
MW - 13	12/02/04	3507.96	-	19.02	0.00	3488.94
MW - 13	03/08/05	3507.96	-	18.38	0.00	3489.58
MW - 13	06/08/05	3507.96	-	17.87	0.00	3490.09
MW - 13	09/15/05	3507.96	-	18.13	0.00	3489.83
MW - 13	12/12/05	3507.96	-	17.96	0.00	3490.00
MW - 13	03/16/06	3507.96	-	17.93	0.00	3490.03
MW - 13	06/15/06	3507.96	-	18.39	0.00	3489.57
MW - 13	09/18/06	3507.96	-	18.19	0.00	3489.77
MW - 13	11/30/06	3507.96	-	18.16	0.00	3489.80
MW - 13	02/27/07	3507.96	-	18.01	0.00	3489.95
MW - 13	05/22/07	3507.96	-	17.80	0.00	3490.16
MW - 13	08/15/07	3507.96	-	18.53	0.00	3489.43
MW - 13	11/06/07	3507.96	-	18.31	0.00	3489.65
MW - 13	02/12/08	3507.96	-	18.18	0.00	3489.78
MW - 13	05/13/08	3507.96	-	18.13	0.00	3489.83
MW - 13	08/14/08	3507.96	-	18.92	0.00	3489.04
MW - 13	11/12/08	3507.96	-	18.45	0.00	3489.51
MW - 13	02/10/09	3507.96	-	18.29	0.00	3489.67
MW - 13	05/12/09	3507.96	-	18.24	0.00	3489.72
MW - 13	08/10/09	3507.96	-	18.96	0.00	3489.00
MW - 13	11/18/09	3507.96	-	19.14	0.00	3488.82
MW - 13	01/04/10	3507.96	-	19.02	0.00	3488.94
MW - 13	02/09/10	3507.96	-	18.91	0.00	3489.05
MW - 13	08/11/10	3507.96	-	18.52	0.00	3489.44
MW - 13	11/11/10	3507.96	-	19.16	0.00	3488.80
MW - 13	02/16/11	3507.96	-	19.19	0.00	3488.77
MW - 13	05/19/11	3507.96	-	19.17	0.00	3488.79
MW - 13	08/10/11	3507.96	-	19.25	0.00	3488.71
MW - 13	11/14/11	3507.96	-	19.24	0.00	3488.72
MW - 13	02/29/12	3507.96	-	18.96	0.00	3489.00
MW - 13	05/02/12	3507.96	-	18.96	0.00	3489.00
MW - 13	12/06/12	3507.96	-	19.23	0.00	3488.73
MW - 13	02/13/13	3507.96	-	19.12	0.00	3488.84
MW - 13	05/22/13	3507.96	-	19.50	0.00	3488.46
MW - 13	08/12/13	3507.96	-	19.84	0.00	3488.12
MW - 13	11/20/13	3507.96	-	19.91	0.00	3488.05
MW - 13	02/04/14	3509.57	-	19.72	0.00	3489.85
MW - 13	05/14/14	3509.57	-	19.57	0.00	3490.00
MW - 13	07/22/14	3509.57	-	20.17	0.00	3489.40
MW - 13	08/05/14	3509.57	-	20.24	0.00	3489.33
MW - 13	10/27/14	3509.57	-	19.14	0.00	3490.43
MW - 13	11/19/14	3509.57	-	19.12	0.00	3490.45
MW - 13	02/09/15	3509.57	-	19.10	0.00	3490.47
MW - 13	03/20/15	3509.57	-	19.08	0.00	3490.49
MW - 13	04/04/15	3509.57	-	19.07	0.00	3490.50
MW - 13	05/27/15	3509.57	-	18.93	0.00	3490.64
MW - 13	07/09/15	3509.57	-	18.97	0.00	3490.60
MW - 13	08/03/15	3509.57	-	19.25	0.00	3490.32
MW - 13	09/24/15	3509.57	-	19.49	0.00	3490.08
MW - 13	11/18/15	3509.57	-	19.12	0.00	3490.45
MW - 13	01/08/16	3509.57	-	19.01	0.00	3490.56

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 13	02/23/16	3509.57	-	18.93	0.00	3490.64
MW - 13	04/08/16	3509.57	-	18.84	0.00	3490.73
MW - 13	06/06/16	3509.57	-	18.89	0.00	3490.68
MW - 13	06/28/16	3509.57	-	19.13	0.00	3490.44
MW - 13	07/27/16	3509.57	-	19.44	0.00	3490.13
MW - 13	08/03/16	3509.57	-	19.49	0.00	3490.08
MW - 13	09/27/16	3509.57	-	18.44	0.00	3491.13
MW - 13	10/21/16	3509.57	-	18.44	0.00	3491.13
MW - 13	11/08/16	3509.57	-	18.48	0.00	3491.09
MW - 13	01/26/17	3509.57	-	18.53	0.00	3491.04
MW - 13	02/28/17	3509.57	-	18.51	0.00	3491.06
MW - 13	03/15/17	3509.57	-	18.49	0.00	3491.08
MW - 13	05/23/17	3509.57	-	18.50	0.00	3491.07
MW - 13	07/20/17	3509.57	-	19.05	0.00	3490.52
MW - 13	08/16/17	3509.57	-	18.98	0.00	3490.59
MW - 13	09/13/17	3509.57	-	18.81	0.00	3490.76
MW - 13	10/12/17	3509.57	-	18.74	0.00	3490.83
MW - 13	11/13/17	3509.57	-	18.65	0.00	3490.92
MW - 13	12/20/17	3509.57	-	18.58	0.00	3490.99
MW - 13	01/09/18	3509.57	-	18.55	0.00	3491.02
MW - 13	02/07/18	3509.57	-	18.54	0.00	3491.03
MW - 13	03/29/18	3509.57	-	18.49	0.00	3491.08
MW - 13	04/16/18	3509.57	-	18.46	0.00	3491.11
MW - 13	05/21/18	3509.57	-	18.65	0.00	3490.92
MW - 13	06/18/18	3509.57	-	18.93	0.00	3490.64
MW - 13	07/11/18	3509.57	-	19.10	0.00	3490.47
MW - 13	08/08/18	3509.57	-	19.29	0.00	3490.28
MW - 13	11/12/18	3509.57	-	19.10	0.00	3490.47
MW - 13	01/09/19	3509.57	-	18.89	0.00	3490.68
MW - 13	02/12/19	3509.57	-	18.85	0.00	3490.72
MW - 13	03/12/19	3509.57	-	18.78	0.00	3490.79
MW - 13	04/01/19	3509.57	-	18.73	0.00	3490.84
MW - 13	05/07/19	3509.57	-	18.65	0.00	3490.92
MW - 13	06/14/19	3509.57	-	18.89	0.00	3490.68
MW - 13	07/11/19	3509.57	-	19.19	0.00	3490.38
MW - 13	08/07/19	3509.57	-	19.37	0.00	3490.20
MW - 13	09/12/19	3509.57	-	19.54	0.00	3490.03
MW - 13	10/15/19	3509.57	-	19.39	0.00	3490.18
MW - 13	11/06/19	3509.57	-	19.21	0.00	3490.36
MW - 13	12/17/19	3509.57	-	19.08	0.00	3490.49
MW - 13	01/06/20	3509.57	-	19.02	0.00	3490.55
MW - 13	03/04/20	3509.57	-	18.92	0.00	3490.65
MW - 13	05/14/20	3509.57	-	18.70	0.00	3490.87
MW - 13	06/17/20	3509.57	-	19.12	0.00	3490.45
MW - 13	07/21/20	3509.57	-	19.42	0.00	3490.15
MW - 13	08/12/20	3509.57	-	19.55	0.00	3490.02
MW - 13	09/14/20	3509.57	-	19.68	0.00	3489.89
MW - 13	12/09/20	3509.57	-	19.79	0.00	3489.78
MW - 13	01/13/21	3509.57	-	19.75	0.00	3489.82
MW - 13	02/10/21	3509.57	-	19.68	0.00	3489.89
MW - 13	04/21/21	3509.57	-	19.57	0.00	3490.00
MW - 13	06/09/21	3509.57	-	19.58	0.00	3489.99
MW - 13	09/22/21	3509.57	-	19.87	0.00	3489.70
MW - 13	10/14/21	3509.57	-	19.91	0.00	3489.66

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 13	12/06/21	3509.57	-	19.96	0.00	3489.61
MW - 14	06/20/02	3507.46	19.57	20.52	0.95	3487.75
MW - 14	09/26/02	3507.46	19.74	21.62	1.88	3487.44
MW - 14	11/12/02	3507.46	19.81	22.04	2.23	3487.32
MW - 14	01/07/03	3507.46	19.52	22.06	2.54	3487.56
MW - 14	01/27/03	3507.46	19.57	20.92	1.35	3487.69
MW - 14	02/26/03	3507.46	19.53	20.37	0.84	3487.80
MW - 14	03/11/03	3507.46	19.61	20.43	0.82	3487.73
MW - 14	03/19/03	3507.46	19.58	20.40	0.82	3487.76
MW - 14	03/25/03	3507.46	19.54	20.53	0.99	3487.77
MW - 14	04/16/03	3507.46	19.55	20.12	0.57	3487.82
MW - 14	04/23/03	3507.46	19.51	20.36	0.85	3487.82
MW - 14	04/29/03	3507.46	19.49	20.35	0.86	3487.84
MW - 14	05/14/03	3507.46	19.63	20.55	0.92	3487.69
MW - 14	05/27/03	3507.46	19.80	20.81	1.01	3487.51
MW - 14	06/04/03	3507.46	19.18	20.36	1.18	3488.10
MW - 14	06/26/03	3507.46	19.42	19.98	0.56	3487.96
MW - 14	07/07/03	3507.46	20.20	21.08	0.88	3487.13
MW - 14	07/30/03	3507.46	20.24	21.17	0.93	3487.08
MW - 14	08/06/03	3507.46	20.47	21.55	1.08	3486.83
MW - 14	08/21/03	3507.46	20.66	21.18	0.52	3486.72
MW - 14	08/26/03	3507.46	20.72	21.75	1.03	3486.59
MW - 14	09/08/03	3507.46	20.62	21.16	0.54	3486.76
MW - 14	09/15/03	3507.46	21.02	21.40	0.38	3486.38
MW - 14	09/24/03	3507.46	20.89	21.60	0.71	3486.46
MW - 14	10/02/03	3507.46	20.73	21.84	1.11	3486.56
MW - 14	10/08/03	3507.46	20.63	21.07	0.44	3486.76
MW - 14	10/16/03	3507.46	20.93	22.06	1.13	3486.36
MW - 14	10/28/03	3507.46	21.00	22.09	1.09	3486.30
MW - 14	11/11/03	3507.46	21.07	22.10	1.03	3486.24
MW - 14	11/18/03	3507.46	20.78	21.78	1.00	3486.53
MW - 14	12/10/03	3507.46	20.62	21.23	0.61	3486.75
MW - 14	02/02/04	3507.46	21.00	22.05	1.05	3486.30
MW - 14	02/26/04	3507.46	20.59	21.67	1.08	3486.71
MW - 14	03/16/04	3507.46	20.75	21.94	1.19	3486.53
MW - 14	03/19/04	3507.46	20.76	21.94	1.18	3486.52
MW - 14	03/25/04	3507.46	20.75	21.90	1.15	3486.54
MW - 14	04/01/04	3507.46	20.69	22.04	1.35	3486.57
MW - 14	04/08/04	3507.46	20.70	21.84	1.14	3486.59
MW - 14	04/14/04	3507.46	19.91	21.78	1.87	3487.27
MW - 14	04/16/04	3507.46	20.03	21.91	1.88	3487.15
MW - 14	04/22/04	3507.46	19.17	21.12	1.95	3488.00
MW - 14	04/29/04	3507.46	19.16	21.27	2.11	3487.98
MW - 14	05/11/04	3507.46	19.09	21.53	2.44	3488.00
MW - 14	06/08/04	3507.46	19.21	21.94	2.73	3487.84
MW - 14	06/17/04	3507.46	19.16	21.89	2.73	3487.89
MW - 14	06/22/04	3507.46	19.19	21.87	2.68	3487.87
MW - 14	06/29/04	3507.46	19.17	21.90	2.73	3487.88
MW - 14	07/06/04	3507.46	19.18	22.15	2.97	3487.83
MW - 14	07/13/04	3507.46	19.22	22.17	2.95	3487.80
MW - 14	07/20/04	3507.46	19.37	22.42	3.05	3487.63
MW - 14	08/04/04	3507.46	19.36	22.43	3.07	3487.64
MW - 14	08/10/04	3507.46	19.39	22.41	3.02	3487.62

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 14	08/16/04	3507.46	sheen	19.57	0.00	3487.89
MW - 14	08/23/04	3507.46	19.50	22.00	2.50	3487.59
MW - 14	08/25/04	3507.46	19.50	21.63	2.13	3487.64
MW - 14	08/26/04	3507.46	19.51	21.53	2.02	3487.65
MW - 14	08/31/04	3507.46	19.96	21.96	2.00	3487.20
MW - 14	09/13/04	3507.46	19.76	20.61	0.85	3487.57
MW - 14	09/20/04	3507.46	19.83	21.20	1.37	3487.42
MW - 14	09/30/04	3507.46	19.89	21.14	1.25	3487.38
MW - 14	10/04/04	3507.46	19.32	20.21	0.89	3488.01
MW - 14	10/11/04	3507.46	18.98	19.79	0.81	3488.36
MW - 14	10/18/04	3507.46	19.57	20.09	0.52	3487.81
MW - 14	10/26/04	3507.46	19.50	20.10	0.60	3487.87
MW - 14	11/02/04	3507.46	19.00	19.99	0.99	3488.31
MW - 14	11/08/04	3507.46	19.00	21.30	2.30	3488.12
MW - 14	11/15/04	3507.46	18.94	21.00	2.06	3488.21
MW - 14	12/01/04	3507.46	18.90	21.09	2.19	3488.23
MW - 14	12/02/04	3507.46	18.90	21.10	2.20	3488.23
MW - 14	12/14/04	3507.46	18.77	21.00	2.23	3488.36
MW - 14	12/21/04	3507.46	18.70	21.22	2.52	3488.38
MW - 14	12/29/04	3507.46	18.73	21.10	2.37	3488.37
MW - 14	01/11/05	3507.46	18.69	20.73	2.04	3488.46
MW - 14	01/14/05	3507.46	18.93	21.00	2.07	3488.22
MW - 14	01/18/05	3507.46	18.85	21.26	2.41	3488.25
MW - 14	01/21/05	3507.46	18.49	20.95	2.46	3488.60
MW - 14	01/25/05	3507.46	18.44	21.26	2.82	3488.60
MW - 14	01/28/05	3507.46	18.59	20.39	1.80	3488.60
MW - 14	02/02/05	3507.46	18.46	21.01	2.55	3488.62
MW - 14	02/05/05	3507.46	18.88	20.27	1.39	3488.37
MW - 14	02/08/05	3507.46	18.40	20.75	2.35	3488.71
MW - 14	02/11/05	3507.46	18.49	20.40	1.91	3488.68
MW - 14	02/15/05	3507.46	18.40	20.60	2.20	3488.73
MW - 14	02/18/05	3507.46	18.61	20.11	1.50	3488.63
MW - 14	02/22/05	3507.46	18.39	20.39	2.00	3488.77
MW - 14	02/25/05	3507.46	18.38	20.11	1.73	3488.82
MW - 14	03/01/05	3507.46	18.33	20.23	1.90	3488.85
MW - 14	03/04/05	3507.46	18.37	19.96	1.59	3488.85
MW - 14	03/08/05	3507.46	18.31	20.11	1.80	3488.88
MW - 14	03/08/05	3507.46	18.31	20.11	1.80	3488.88
MW - 14	03/11/05	3507.46	18.50	19.00	0.50	3488.89
MW - 14	03/15/05	3507.46	18.43	19.11	0.68	3488.93
MW - 14	03/18/05	3507.46	18.46	19.06	0.60	3488.91
MW - 14	03/22/05	3507.46	18.38	18.92	0.54	3489.00
MW - 14	03/28/05	3507.46	18.29	18.98	0.69	3489.07
MW - 14	04/01/05	3507.46	18.32	19.03	0.71	3489.03
MW - 14	04/05/05	3507.46	18.19	19.11	0.92	3489.13
MW - 14	04/08/05	3507.46	18.14	19.04	0.90	3489.19
MW - 14	04/15/05	3507.46	18.17	19.00	0.83	3489.17
MW - 14	05/25/05	3507.46	17.90	19.50	1.60	3489.32
MW - 14	05/27/05	3507.46	18.22	19.06	0.84	3489.11
MW - 14	05/31/05	3507.46	18.01	18.67	0.66	3489.35
MW - 14	06/03/05	3507.46	17.95	18.60	0.65	3489.41
MW - 14	06/06/05	3507.46	17.94	18.44	0.50	3489.45
MW - 14	06/08/05	3507.46	17.94	18.44	0.50	3489.45
MW - 14	06/13/05	3507.46	17.94	18.36	0.42	3489.46

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 14	06/20/05	3507.46	17.95	18.55	0.60	3489.42
MW - 14	06/24/05	3507.46	17.93	18.70	0.77	3489.41
MW - 14	06/27/05	3507.46	17.99	18.55	0.56	3489.39
MW - 14	07/11/05	3507.46	17.97	19.31	1.34	3489.29
MW - 14	07/15/05	3507.46	18.20	18.99	0.79	3489.14
MW - 14	07/18/05	3507.46	18.05	19.56	1.51	3489.18
MW - 14	07/21/05	3507.46	18.25	18.95	0.70	3489.11
MW - 14	07/25/05	3507.46	18.15	19.80	1.65	3489.06
MW - 14	08/01/05	3507.46	18.16	19.44	1.28	3489.11
MW - 14	08/04/05	3507.46	18.39	18.81	0.42	3489.01
MW - 14	08/12/05	3507.46	18.52	19.98	1.46	3488.72
MW - 14	08/15/05	3507.46	18.20	19.85	1.65	3489.01
MW - 14	08/23/05	3507.46	18.08	19.15	1.07	3489.22
MW - 14	08/30/05	3507.46	18.10	18.90	0.80	3489.24
MW - 14	09/06/05	3507.46	17.90	19.74	1.84	3489.28
MW - 14	09/13/05	3507.46	17.90	19.90	2.00	3489.26
MW - 14	09/15/05	3507.46	17.96	19.52	1.56	3489.27
MW - 14	09/19/05	3507.46	17.96	18.91	0.95	3489.36
MW - 14	09/27/05	3507.46	17.90	20.20	2.30	3489.22
MW - 14	10/03/05	3507.46	18.29	19.10	0.81	3489.05
MW - 14	10/08/05	3507.46	18.81	19.69	0.88	3488.52
MW - 14	10/10/05	3507.46	17.97	19.80	1.83	3489.22
MW - 14	10/17/05	3507.46	17.82	20.21	2.39	3489.28
MW - 14	10/24/05	3507.46	17.95	20.05	2.10	3489.20
MW - 14	10/31/05	3507.46	18.05	19.82	1.77	3489.14
MW - 14	11/15/05	3507.46	17.90	19.90	2.00	3489.26
MW - 14	11/22/05	3507.46	17.90	19.23	1.33	3489.36
MW - 14	11/27/05	3507.46	17.92	18.80	0.88	3489.41
MW - 14	12/07/05	3507.46	17.93	18.68	0.75	3489.42
MW - 14	12/12/05	3507.46	17.89	18.96	1.07	3489.41
MW - 14	12/16/05	3507.46	17.80	19.00	1.20	3489.48
MW - 14	12/22/05	3507.46	17.99	19.00	1.01	3489.32
MW - 14	12/27/05	3507.46	17.90	18.82	0.92	3489.42
MW - 14	01/03/06	3507.46	17.90	18.80	0.90	3489.43
MW - 14	01/09/06	3507.46	17.95	18.60	0.65	3489.41
MW - 14	01/16/06	3507.46	17.93	18.76	0.83	3489.41
MW - 14	01/23/06	3507.46	17.94	18.63	0.69	3489.42
MW - 14	01/30/06	3507.46	17.99	18.60	0.61	3489.38
MW - 14	02/06/06	3507.46	17.95	18.85	0.90	3489.38
MW - 14	02/14/06	3507.46	17.90	18.61	0.71	3489.45
MW - 14	02/21/06	3507.46	17.86	18.66	0.80	3489.48
MW - 14	03/01/06	3507.46	17.89	18.61	0.72	3489.46
MW - 14	03/06/06	3507.46	17.90	18.42	0.52	3489.48
MW - 14	03/16/06	3507.46	17.91	18.48	0.57	3489.46
MW - 14	03/17/06	3507.46	17.90	18.80	0.90	3489.43
MW - 14	03/21/06	3507.46	17.90	18.90	1.00	3489.41
MW - 14	03/28/06	3507.46	17.93	18.81	0.88	3489.40
MW - 14	04/03/06	3507.46	17.83	18.42	0.59	3489.54
MW - 14	04/10/06	3507.46	17.81	18.45	0.64	3489.55
MW - 14	04/17/06	3507.46	17.82	18.48	0.66	3489.54
MW - 14	05/01/06	3507.46	17.74	18.50	0.76	3489.61
MW - 14	05/08/06	3507.46	17.81	18.67	0.86	3489.52
MW - 14	05/15/06	3507.46	17.86	18.41	0.55	3489.52
MW - 14	05/30/06	3507.46	18.18	20.11	1.93	3488.99

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 14	06/05/06	3507.46	18.15	19.51	1.36	3489.11
MW - 14	06/12/06	3507.46	18.34	19.44	1.10	3488.96
MW - 14	06/15/06	3507.46	16.02	19.24	3.22	3490.96
MW - 14	06/19/06	3507.46	18.31	19.58	1.27	3488.96
MW - 14	07/03/06	3507.46	18.41	19.78	1.37	3488.84
MW - 14	07/10/06	3507.46	18.39	19.46	1.07	3488.91
MW - 14	07/17/06	3507.46	18.24	19.51	1.27	3489.03
MW - 14	07/26/06	3507.46	18.31	20.10	1.79	3488.88
MW - 14	07/31/06	3507.46	18.39	19.58	1.19	3488.89
MW - 14	08/07/06	3507.46	18.46	19.59	1.13	3488.83
MW - 14	08/17/06	3507.46	18.43	18.96	0.53	3488.95
MW - 14	08/21/06	3507.46	18.46	18.91	0.45	3488.93
MW - 14	09/06/06	3507.46	17.91	20.28	2.37	3489.19
MW - 14	09/11/06	3507.46	17.91	19.79	1.88	3489.27
MW - 14	09/18/06	3507.46	17.92	19.74	1.82	3489.27
MW - 14	09/25/06	3507.46	17.91	20.18	2.27	3489.21
MW - 14	10/02/06	3507.46	17.89	20.16	2.27	3489.23
MW - 14	10/09/06	3507.46	17.90	20.50	2.60	3489.17
MW - 14	10/17/06	3507.46	18.20	19.44	1.24	3489.07
MW - 14	10/23/06	3507.46	17.91	20.04	2.13	3489.23
MW - 14	10/30/06	3507.46	17.90	20.00	2.10	3489.25
MW - 14	11/06/06	3507.46	17.94	20.26	2.32	3489.17
MW - 14	11/12/06	3507.46	18.10	19.79	1.69	3489.11
MW - 14	11/20/06	3507.46	17.98	19.52	1.54	3489.25
MW - 14	11/27/06	3507.46	17.91	19.76	1.85	3489.27
MW - 14	11/30/06	3507.46	18.02	19.30	1.28	3489.25
MW - 14	12/04/06	3507.46	18.02	19.85	1.83	3489.17
MW - 14	12/12/06	3507.46	18.11	19.24	1.13	3489.18
MW - 14	12/18/06	3507.46	17.98	19.02	1.04	3489.32
MW - 14	01/02/07	3507.46	17.97	19.03	1.06	3489.33
MW - 14	01/11/07	3507.46	17.94	18.78	0.84	3489.39
MW - 14	01/18/07	3507.46	17.96	18.68	0.72	3489.39
MW - 14	01/22/07	3507.46	17.98	18.87	0.89	3489.35
MW - 14	02/05/07	3507.46	17.97	18.72	0.75	3489.38
MW - 14	02/12/07	3507.46	17.88	18.60	0.72	3489.47
MW - 14	02/19/07	3507.46	17.90	18.56	0.66	3489.46
MW - 14	02/27/07	3507.46	17.72	18.90	1.18	3489.56
MW - 14	03/05/07	3507.46	18.01	18.97	0.96	3489.31
MW - 14	03/12/07	3507.46	17.89	18.55	0.66	3489.47
MW - 14	03/19/07	3507.46	17.88	18.59	0.71	3489.47
MW - 14	04/02/07	3507.46	17.89	19.13	1.24	3489.38
MW - 14	04/09/07	3507.46	17.81	18.51	0.70	3489.55
MW - 14	05/01/07	3507.46	17.84	18.96	1.12	3489.45
MW - 14	05/12/07	3507.46	17.80	18.96	1.16	3489.49
MW - 14	05/17/07	3507.46	17.64	18.55	0.91	3489.68
MW - 14	05/21/07	3507.46	17.64	19.01	1.37	3489.61
MW - 14	05/22/07	3507.46	17.64	19.01	1.37	3489.61
MW - 14	06/01/07	3507.46	17.64	18.74	1.10	3489.66
MW - 14	06/06/07	3507.46	17.61	18.78	1.17	3489.67
MW - 14	06/11/07	3507.46	17.74	18.95	1.21	3489.54
MW - 14	06/19/07	3507.46	17.77	18.72	0.95	3489.55
MW - 14	06/25/07	3507.46	17.86	18.62	0.76	3489.49
MW - 14	07/03/07	3507.46	18.03	18.84	0.81	3489.31
MW - 14	07/11/07	3507.46	18.24	19.23	0.99	3489.07

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 14	07/18/07	3507.46	18.24	19.23	0.99	3489.07
MW - 14	07/23/07	3507.46	18.21	19.11	0.90	3489.12
MW - 14	07/31/07	3507.46	18.31	19.96	1.65	3488.90
MW - 14	08/14/07	3507.46	18.31	19.71	1.40	3488.94
MW - 14	08/15/07	3507.46	18.37	19.01	0.64	3488.99
MW - 14	08/25/07	3507.46	18.39	19.51	1.12	3488.90
MW - 14	09/05/07	3507.46	18.46	19.86	1.40	3488.79
MW - 14	09/10/07	3507.46	18.40	19.26	0.86	3488.93
MW - 14	09/17/07	3507.46	18.11	19.31	1.20	3489.17
MW - 14	09/24/07	3507.46	18.03	19.46	1.43	3489.22
MW - 14	11/05/07	3507.46	18.02	20.13	2.11	3489.12
MW - 14	11/06/07	3507.46	18.13	19.59	1.46	3489.11
MW - 14	11/12/07	3507.46	18.10	19.76	1.66	3489.11
MW - 14	11/19/07	3507.46	18.10	19.25	1.15	3489.19
MW - 14	11/30/07	3507.46	18.13	18.93	0.80	3489.21
MW - 14	12/03/07	3507.46	18.14	18.78	0.64	3489.22
MW - 14	12/14/07	3507.46	18.11	18.57	0.46	3489.28
MW - 14	12/17/07	3507.46	18.13	18.72	0.59	3489.24
MW - 14	01/09/08	3507.46	18.04	18.85	0.81	3489.30
MW - 14	01/16/08	3507.46	18.10	18.88	0.78	3489.24
MW - 14	01/30/08	3507.46	18.01	18.90	0.89	3489.32
MW - 14	02/08/08	3507.46	18.13	19.06	0.93	3489.19
MW - 14	02/12/08	3507.46	18.05	18.72	0.67	3489.31
MW - 14	02/14/08	3507.46	18.06	18.75	0.69	3489.30
MW - 14	02/20/08	3507.46	18.01	18.56	0.55	3489.37
MW - 14	02/28/08	3507.46	18.02	18.69	0.67	3489.34
MW - 14	03/05/08	3507.46	18.02	18.60	0.58	3489.35
MW - 14	03/13/08	3507.45	18.00	18.64	0.64	3489.35
MW - 14	03/19/08	3507.46	18.04	18.62	0.58	3489.33
MW - 14	03/24/08	3507.46	18.02	18.63	0.61	3489.35
MW - 14	04/02/08	3507.46	18.02	18.59	0.57	3489.35
MW - 14	04/07/08	3507.46	17.99	18.31	0.32	3489.42
MW - 14	04/14/08	3507.46	18.02	18.45	0.43	3489.38
MW - 14	04/23/08	3507.46	17.98	18.51	0.53	3489.40
MW - 14	05/07/08	3507.46	18.00	18.51	0.51	3489.38
MW - 14	05/13/08	3507.46	18.00	18.51	0.51	3489.38
MW - 14	05/14/08	3507.46	18.00	18.55	0.55	3489.38
MW - 14	05/19/08	3507.46	18.02	18.55	0.53	3489.36
MW - 14	06/09/08	3507.46	18.28	18.98	0.70	3489.08
MW - 14	06/16/08	3507.46	18.02	19.07	1.05	3489.28
MW - 14	06/23/08	3507.46	18.45	19.43	0.98	3488.86
MW - 14	06/30/08	3507.46	18.53	19.25	0.72	3488.82
MW - 14	07/14/08	3507.46	18.54	19.58	1.04	3488.76
MW - 14	07/22/08	3507.46	18.74	20.02	1.28	3488.53
MW - 14	07/29/08	3507.46	18.64	19.31	0.67	3488.72
MW - 14	08/04/08	3507.46	18.66	19.79	1.13	3488.63
MW - 14	08/11/08	3507.46	18.72	19.53	0.81	3488.62
MW - 14	08/14/08	3507.46	18.76	19.49	0.73	3488.59
MW - 14	08/18/08	3507.46	18.72	19.46	0.74	3488.63
MW - 14	08/28/08	3507.46	18.63	19.61	0.98	3488.68
MW - 14	09/02/08	3507.46	18.52	19.46	0.94	3488.80
MW - 14	9/17/008	3507.46	18.29	20.26	1.97	3488.87
MW - 14	09/29/08	3507.46	18.32	20.26	1.94	3488.85
MW - 14	10/06/08	3507.46	18.30	20.02	1.72	3488.90

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 14	10/13/08	3507.46	18.36	19.82	1.46	3488.88
MW - 14	10/20/08	3507.46	18.23	19.80	1.57	3488.99
MW - 14	10/29/08	3507.46	18.31	19.34	1.03	3489.00
MW - 14	10/30/08	3507.46	18.33	18.78	0.45	3489.06
MW - 14	11/06/08	3507.46	18.29	19.10	0.81	3489.05
MW - 14	11/12/08	3507.46	18.29	19.01	0.72	3489.06
MW - 14	11/13/08	3507.46	18.29	19.01	0.72	3489.06
MW - 14	12/16/08	3507.46	18.35	19.26	0.91	3488.97
MW - 14	12/19/08	3507.46	18.27	18.93	0.66	3489.09
MW - 14	12/22/08	3507.46	18.22	18.94	0.72	3489.13
MW - 14	01/06/09	3507.46	18.20	18.99	0.79	3489.14
MW - 14	01/12/09	3507.46	18.24	18.81	0.57	3489.13
MW - 14	01/19/09	3507.46	18.15	18.61	0.46	3489.24
MW - 14	01/22/09	3507.46	18.24	18.69	0.45	3489.15
MW - 14	01/26/09	3507.46	18.24	18.73	0.49	3489.15
MW - 14	02/10/09	3507.46	18.15	18.77	0.62	3489.22
MW - 14	02/13/09	3507.46	18.21	18.68	0.47	3489.18
MW - 14	02/16/09	3507.46	18.25	18.69	0.44	3489.14
MW - 14	02/24/09	3507.46	18.30	18.71	0.41	3489.10
MW - 14	03/02/09	3507.46	18.17	18.51	0.34	3489.24
MW - 14	03/05/09	3507.46	18.15	19.00	0.85	3489.18
MW - 14	03/09/09	3507.46	18.17	18.76	0.59	3489.20
MW - 14	03/16/09	3507.46	18.20	18.75	0.55	3489.18
MW - 14	03/19/09	3507.46	18.21	18.47	0.26	3489.21
MW - 14	03/25/09	3507.46	18.22	18.46	0.24	3489.20
MW - 14	03/30/09	3507.46	18.23	18.47	0.24	3489.19
MW - 14	04/13/09	3507.46	18.12	18.91	0.79	3489.22
MW - 14	04/16/09	3507.46	18.26	18.40	0.14	3489.18
MW - 14	04/21/09	3507.46	18.26	18.39	0.13	3489.18
MW - 14	04/27/09	3507.46	18.05	18.63	0.58	3489.32
MW - 14	04/30/09	3507.46	18.26	18.37	0.11	3489.18
MW - 14	05/06/09	3507.46	18.25	18.36	0.11	3489.19
MW - 14	05/12/09	3507.46	18.19	18.43	0.24	3489.23
MW - 14	05/19/09	3507.46	18.19	18.71	0.52	3489.19
MW - 14	05/19/09	3507.46	18.30	18.79	0.49	3489.09
MW - 14	06/01/09	3507.46	18.34	18.78	0.44	3489.05
MW - 14	06/05/09	3507.46	18.38	18.80	0.42	3489.02
MW - 14	06/12/09	3507.46	18.39	18.84	0.45	3489.00
MW - 14	06/15/09	3507.46	18.42	18.88	0.46	3488.97
MW - 14	06/22/09	3507.46	18.46	19.01	0.55	3488.92
MW - 14	06/24/09	3507.46	18.50	18.89	0.39	3488.90
MW - 14	06/29/09	3507.46	18.62	19.14	0.52	3488.76
MW - 14	07/06/09	3507.46	18.64	19.20	0.56	3488.74
MW - 14	07/09/09	3507.46	18.21	18.71	0.50	3489.18
MW - 14	07/13/09	3507.46	18.22	18.69	0.47	3489.17
MW - 14	07/20/09	3507.46	18.23	18.70	0.47	3489.16
MW - 14	07/23/09	3507.46	18.75	19.23	0.48	3488.64
MW - 14	07/27/09	3507.46	18.76	19.22	0.46	3488.63
MW - 14	07/29/09	3507.46	18.69	19.90	1.21	3488.59
MW - 14	08/03/09	3507.46	18.68	19.76	1.08	3488.62
MW - 14	08/10/09	3507.46	18.67	19.76	1.09	3488.63
MW - 14	08/10/09	3507.46	18.67	19.76	1.09	3488.63
MW - 14	08/18/09	3507.46	18.80	20.00	1.20	3488.48
MW - 14	08/24/09	3507.46	18.79	20.05	1.26	3488.48

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 14	08/28/09	3507.46	18.80	19.87	1.07	3488.50
MW - 14	08/31/09	3507.46	18.86	19.66	0.80	3488.48
MW - 14	09/02/09	3507.46	18.85	19.43	0.58	3488.52
MW - 14	09/08/09	3507.46	18.92	19.75	0.83	3488.42
MW - 14	09/10/09	3507.46	18.92	19.86	0.94	3488.40
MW - 14	09/16/09	3507.46	18.89	19.79	0.90	3488.44
MW - 14	09/18/09	3507.46	18.90	19.80	0.90	3488.43
MW - 14	09/22/09	3507.46	18.94	19.67	0.73	3488.41
MW - 14	09/28/09	3507.46	18.74	19.85	1.11	3488.55
MW - 14	10/09/09	3507.46	18.97	20.59	1.62	3488.25
MW - 14	10/12/09	3507.46	18.22	18.68	0.46	3489.17
MW - 14	10/15/09	3507.46	18.98	20.17	1.19	3488.30
MW - 14	10/20/09	3507.46	18.97	20.01	1.04	3488.33
MW - 14	10/26/09	3507.46	18.23	18.67	0.44	3489.16
MW - 14	10/28/09	3507.46	18.98	19.92	0.94	3488.34
MW - 14	11/03/09	3507.46	18.99	19.69	0.70	3488.37
MW - 14	11/12/09	3507.46	18.95	19.90	0.95	3488.37
MW - 14	11/18/09	3507.46	19.00	19.62	0.62	3488.37
MW - 14	12/03/09	3507.46	18.96	19.95	0.99	3488.35
MW - 14	12/11/09	3507.46	18.93	19.94	1.01	3488.38
MW - 14	12/16/09	3507.46	18.92	19.77	0.85	3488.41
MW - 14	12/21/09	3507.46	19.10	20.11	1.01	3488.21
MW - 14	12/28/09	3507.46	18.92	19.37	0.45	3488.47
MW - 14	01/04/10	3507.46	18.94	19.69	0.75	3488.41
MW - 14	01/14/10	3507.46	18.88	19.70	0.82	3488.46
MW - 14	01/20/10	3507.46	18.85	19.66	0.81	3488.49
MW - 14	01/25/10	3507.46	18.84	19.20	0.36	3488.57
MW - 14	01/27/10	3507.46	18.85	19.47	0.62	3488.52
MW - 14	02/01/10	3507.46	18.86	19.33	0.47	3488.53
MW - 14	02/08/10	3507.46	18.79	19.21	0.42	3488.61
MW - 14	02/08/10	3507.46	sheen	19.97	0.00	3487.49
MW - 14	02/09/10	3507.46	18.89	19.24	0.35	3488.52
MW - 14	02/19/10	3507.46	18.72	19.23	0.51	3488.66
MW - 14	02/26/10	3507.46	18.79	19.22	0.43	3488.61
MW - 14	03/01/10	3507.46	18.82	19.19	0.37	3488.58
MW - 14	03/04/10	3507.46	18.72	19.13	0.41	3488.68
MW - 14	03/08/10	3507.46	18.72	19.05	0.33	3488.69
MW - 14	03/11/10	3507.46	18.69	18.96	0.27	3488.73
MW - 14	03/15/10	3507.46	18.72	19.16	0.44	3488.67
MW - 14	03/17/10	3507.46	18.66	18.92	0.26	3488.76
MW - 14	03/22/10	3507.46	18.68	18.89	0.21	3488.75
MW - 14	03/29/10	3507.46	18.58	18.90	0.32	3488.83
MW - 14	04/05/10	3507.46	18.58	19.03	0.45	3488.81
MW - 14	04/14/10	3507.46	18.58	18.96	0.38	3488.82
MW - 14	04/16/10	3507.46	18.51	18.93	0.42	3488.89
MW - 14	04/19/10	3507.46	18.55	18.90	0.35	3488.86
MW - 14	04/28/10	3507.46	18.48	18.79	0.31	3488.93
MW - 14	05/05/10	3507.46	18.43	18.75	0.32	3488.98
MW - 14	05/12/10	3507.46	18.51	18.84	0.33	3488.90
MW - 14	05/14/10	3507.46	18.51	18.84	0.33	3488.90
MW - 14	05/21/10	3507.46	18.53	18.82	0.29	3488.89
MW - 14	05/26/10	3507.46	18.49	18.85	0.36	3488.92
MW - 14	06/04/10	3507.46	18.55	18.81	0.26	3488.87
MW - 14	06/07/10	3507.46	18.66	19.15	0.49	3488.73
MW - 14	06/12/10	3507.46	18.69	19.25	0.56	3488.69
MW - 14	06/24/10	3507.46	18.92	19.61	0.69	3488.44
MW - 14	06/30/10	3507.46	18.87	19.40	0.53	3488.51

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 14	07/07/10	3507.46	18.12	19.51	1.39	3489.13
MW - 14	07/12/10	3507.46	18.01	19.53	1.52	3489.22
MW - 14	07/19/10	3507.46	17.96	19.47	1.51	3489.27
MW - 14	08/03/10	3507.46	17.91	19.38	1.47	3489.33
MW - 14	08/11/10	3507.46	17.98	19.42	1.44	3489.26
MW - 14	08/19/10	3507.46	18.09	18.72	0.63	3489.28
MW - 14	08/25/10	3507.46	18.15	19.10	0.95	3489.17
MW - 14	09/01/10	3507.46	18.18	18.81	0.63	3489.19
MW - 14	09/09/10	3507.46	18.27	19.22	0.95	3489.05
MW - 14	09/13/10	3507.46	17.97	19.40	1.43	3489.28
MW - 14	09/29/10	3507.46	18.40	19.35	0.95	3488.92
MW - 14	10/05/10	3507.46	17.95	19.37	1.42	3489.30
MW - 14	10/20/10	3507.46	18.69	19.40	0.71	3488.66
MW - 14	10/25/10	3507.46	18.69	19.40	0.71	3488.66
MW - 14	11/03/10	3507.46	18.02	19.46	1.44	3489.22
MW - 14	11/10/10	3507.46	18.48	19.46	0.98	3488.83
MW - 14	11/12/10	3507.46	18.48	19.64	1.16	3488.81
MW - 14	12/09/10	3507.46	17.94	18.44	0.50	3489.45
MW - 14	01/18/11	3507.46	18.48	19.65	1.17	3488.80
MW - 14	02/16/11	3507.46	18.46	19.68	1.22	3488.82
MW - 14	03/01/11	3507.46	18.24	19.86	1.62	3488.98
MW - 14	03/07/11	3507.46	18.22	19.85	1.63	3489.00
MW - 14	03/22/11	3507.46	18.44	19.65	1.21	3488.84
MW - 14	04/27/11	3507.46	18.31	19.84	1.53	3488.92
MW - 14	05/05/11	3507.46	18.42	19.40	0.98	3488.89
MW - 14	05/10/11	3507.46	18.38	19.25	0.87	3488.95
MW - 14	05/17/11	3507.46	18.35	19.41	1.06	3488.95
MW - 14	05/19/11	3507.46	18.35	19.41	1.06	3488.95
MW - 14	05/24/11	3507.46	18.44	19.48	1.04	3488.86
MW - 14	06/07/11	3507.46	18.63	19.87	1.24	3488.64
MW - 14	06/08/11	3507.46	18.62	19.79	1.17	3488.66
MW - 14	06/14/11	3507.46	18.59	19.60	1.01	3488.72
MW - 14	06/23/11	3507.46	18.68	19.62	0.94	3488.64
MW - 14	06/28/11	3507.46	18.78	19.86	1.08	3488.52
MW - 14	07/06/11	3507.46	18.84	20.01	1.17	3488.44
MW - 14	07/14/11	3507.46	18.91	19.82	0.91	3488.41
MW - 14	07/20/11	3507.46	18.98	19.85	0.87	3488.35
MW - 14	07/27/11	3507.46	18.98	19.73	0.75	3488.37
MW - 14	08/03/11	3507.46	19.00	19.71	0.71	3488.35
MW - 14	08/10/11	3507.46	19.02	19.58	0.56	3488.36
MW - 14	08/18/11	3507.46	19.02	19.75	0.73	3488.33
MW - 14	08/25/11	3507.46	19.10	19.82	0.72	3488.25
MW - 14	09/07/11	3507.46	19.16	19.90	0.74	3488.19
MW - 14	09/14/11	3507.46	19.19	19.94	0.75	3488.16
MW - 14	11/14/11	3507.46	19.08	20.00	0.92	3488.24
MW - 14	12/01/11	3507.46	19.04	20.26	1.22	3488.24
MW - 14	12/08/11	3507.46	19.01	20.01	1.00	3488.30
MW - 14	12/14/11	3507.46	19.03	20.02	0.99	3488.28
MW - 14	01/12/12	3507.46	19.00	19.90	0.90	3488.33
MW - 14	01/19/12	3507.46	18.93	19.82	0.89	3488.40
MW - 14	02/03/12	3507.46	18.91	19.85	0.94	3488.41
MW - 14	02/29/12	3507.46	18.79	19.83	1.04	3488.51
MW - 14	03/14/12	3507.46	18.76	19.71	0.95	3488.56
MW - 14	03/19/12	3507.46	18.77	19.46	0.69	3488.59
MW - 14	03/29/12	3507.46	18.73	19.43	0.70	3488.63
MW - 14	04/05/12	3507.46	18.71	19.42	0.71	3488.64
MW - 14	04/18/12	3507.46	18.67	19.36	0.69	3488.69
MW - 14	04/27/12	3507.46	18.71	19.42	0.71	3488.64

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 14	05/02/12	3507.46	18.72	19.40	0.68	3488.64
MW - 14	05/31/12	3507.46	18.69	19.62	0.93	3488.63
MW - 14	06/08/12	3507.46	18.73	19.50	0.77	3488.61
MW - 14	06/12/12	3507.46	18.81	19.62	0.81	3488.53
MW - 14	06/21/12	3507.46	18.81	19.63	0.82	3488.53
MW - 14	06/29/12	3507.46	18.82	19.81	0.99	3488.49
MW - 14	07/13/12	3507.46	19.03	20.04	1.01	3488.28
MW - 14	12/06/12	3507.46	19.82	20.58	0.76	3487.53
MW - 14	12/11/12	3507.46	19.84	20.44	0.60	3487.53
MW - 14	12/18/12	3507.46	19.83	19.97	0.14	3487.61
MW - 14	01/09/13	3507.46	19.78	20.05	0.27	3487.64
MW - 14	01/15/13	3507.46	19.79	19.93	0.14	3487.65
MW - 14	01/23/13	3507.46	19.78	19.91	0.13	3487.66
MW - 14	01/29/13	3507.46	19.76	19.91	0.15	3487.68
MW - 14	02/07/13	3507.46	19.79	19.93	0.14	3487.65
MW - 14	02/13/13	3507.46	19.74	19.83	0.09	3487.71
MW - 14	02/20/13	3507.46	19.25	19.84	0.59	3488.12
MW - 14	03/15/13	3507.46	19.73	20.39	0.66	3487.63
MW - 14	03/19/13	3507.46	19.71	20.10	0.39	3487.69
MW - 14	04/02/13	3507.46	19.66	19.85	0.19	3487.77
MW - 14	04/09/13	3507.46	19.65	19.75	0.10	3487.80
MW - 14	04/16/13	3507.46	19.64	19.86	0.22	3487.79
MW - 14	04/23/13	3507.46	19.65	19.71	0.06	3487.80
MW - 14	04/30/13	3507.46	19.60	20.60	1.00	3487.71
MW - 14	05/08/13	3507.46	19.61	19.70	0.09	3487.84
MW - 14	05/14/13	3507.46	19.60	19.86	0.26	3487.82
MW - 14	05/22/13	3507.46	19.57	19.76	0.19	3487.86
MW - 14	06/04/13	3507.46	19.58	19.83	0.25	3487.84
MW - 14	06/11/13	3507.46	19.67	19.76	0.09	3487.78
MW - 14	06/19/13	3507.46	19.77	19.84	0.07	3487.68
MW - 14	06/28/13	3507.46	19.94	20.06	0.12	3487.50
MW - 14	07/01/13	3507.46	19.87	19.99	0.12	3487.57
MW - 14	07/08/13	3507.46	19.98	20.10	0.12	3487.46
MW - 14	07/23/13	3507.46	19.99	20.18	0.19	3487.44
MW - 14	07/30/13	3507.46	19.95	20.17	0.22	3487.48
MW - 14	08/05/13	3507.46	19.97	20.15	0.18	3487.46
MW - 14	08/12/13	3507.46	19.92	20.18	0.26	3487.50
MW - 14	08/22/13	3507.46	20.06	20.45	0.39	3487.34
MW - 14	08/29/13	3507.46	20.05	20.47	0.42	3487.35
MW - 14	09/05/13	3507.46	20.07	20.43	0.36	3487.34
MW - 14	09/10/13	3507.46	20.13	20.48	0.35	3487.28
MW - 14	09/17/13	3507.46	20.16	20.54	0.38	3487.24
MW - 14	09/24/13	3507.46	20.16	20.54	0.38	3487.24
MW - 14	10/07/13	3507.46	20.22	20.63	0.41	3487.18
MW - 14	11/14/13	-	22.85	23.12	0.27	-
MW - 14	11/21/13	-	22.81	23.23	0.42	-
MW - 14	12/12/13	-	22.71	23.13	0.42	-
MW - 14	12/19/13	-	22.70	22.93	0.23	-
MW - 14	01/03/14	-	22.63	23.14	0.51	-
MW - 14	01/09/14	-	22.64	23.07	0.43	-
MW - 14	01/13/14	-	22.67	23.15	0.48	-
MW - 14	01/21/14	-	22.61	23.03	0.42	-
MW - 14	01/24/14	-	22.64	23.11	0.47	-
MW - 14	02/04/14	3511.85	22.57	22.98	0.41	3489.22
MW - 14	02/10/14	3511.85	22.42	23.24	0.82	3489.31
MW - 14	02/27/14	3511.85	22.51	22.90	0.39	3489.28
MW - 14	03/17/14	3511.85	22.50	22.88	0.38	3489.29
MW - 14	03/27/14	3511.85	22.48	23.40	0.92	3489.23

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 14	04/02/14	3511.85	22.51	22.63	0.12	3489.32
MW - 14	04/16/14	3511.85	22.38	22.81	0.43	3489.41
MW - 14	04/22/14	3511.85	22.40	22.70	0.30	3489.41
MW - 14	04/28/14	3511.85	22.48	22.70	0.22	3489.34
MW - 14	05/06/14	3511.85	22.39	22.61	0.22	3489.43
MW - 14	05/13/14	3511.85	22.45	22.85	0.40	3489.34
MW - 14	05/14/14	3511.85	22.44	22.75	0.31	3489.36
MW - 14	05/21/14	3511.85	22.41	23.33	0.92	3489.30
MW - 14	06/05/14	3511.85	22.51	22.99	0.48	3489.27
MW - 14	06/11/14	3511.85	22.57	22.97	0.40	3489.22
MW - 14	06/16/14	3511.85	22.66	22.75	0.09	3489.18
MW - 14	06/24/14	3511.85	22.75	23.00	0.25	3489.06
MW - 14	07/01/14	3511.85	22.92	23.14	0.22	3488.90
MW - 14	07/08/14	3511.85	22.95	23.08	0.13	3488.88
MW - 14	07/15/14	3511.85	22.95	23.70	0.75	3488.79
MW - 14	07/22/14	3511.85	23.03	24.00	0.97	3488.67
MW - 14	07/23/14	3511.85	23.03	24.00	0.97	3488.67
MW - 14	07/31/14	3511.85	23.00	23.95	0.95	3488.71
MW - 14	08/05/14	3511.85	23.04	23.32	0.28	3488.77
MW - 14	08/07/14	3511.85	23.02	23.38	0.36	3488.78
MW - 14	08/15/14	3511.85	23.07	23.95	0.88	3488.65
MW - 14	08/20/14	3511.85	23.07	23.67	0.60	3488.69
MW - 14	08/27/14	3511.85	23.10	24.20	1.10	3488.59
MW - 14	09/24/14	3511.85	22.38	22.65	0.27	3489.43
MW - 14	10/01/14	3511.85	21.97	22.31	0.34	3489.83
MW - 14	10/07/14	3511.85	21.91	22.02	0.11	3489.92
MW - 14	10/14/14	3511.85	21.88	22.07	0.19	3489.94
MW - 14	10/20/14	3511.85	21.87	22.16	0.29	3489.94
MW - 14	10/27/14	3511.85	21.85	21.92	0.07	3489.99
MW - 14	11/11/14	3511.85	22.12	22.98	0.86	-
MW - 14	11/19/14	3511.85	21.83	23.79	1.96	3489.73
MW - 14	12/08/14	3511.85	21.89	22.40	0.51	3489.88
MW - 14	12/15/14	3511.85	21.89	22.04	0.15	3489.94
MW - 14	12/18/14	3511.85	21.88	21.95	0.07	3489.96
MW - 14	12/22/14	3511.85	21.82	21.95	0.13	3490.01
MW - 14	12/29/14	3511.85	21.89	21.96	0.07	3489.95
MW - 14	01/05/15	3511.85	21.90	21.93	0.03	3489.95
MW - 14	01/12/15	3511.85	21.95	21.97	0.02	3489.90
MW - 14	01/19/15	3511.85	-	21.89	0.00	3489.96
MW - 14	02/04/15	3511.85	-	21.91	0.00	3489.94
MW - 14	02/09/15	3511.85	-	21.87	0.00	3489.98
MW - 14	02/19/15	3511.85	21.89	21.90	0.01	3489.96
MW - 14	03/03/15	3511.85	-	21.85	0.00	3490.00
MW - 14	03/09/15	3511.85	-	21.90	0.00	3489.95
MW - 14	03/16/15	3511.85	-	21.88	0.00	3489.97
MW - 14	03/20/15	3511.85	-	21.93	0.00	3489.92
MW - 14	03/23/15	3511.85	-	21.87	0.00	3489.98
MW - 14	03/30/15	3511.85	-	21.87	0.00	3489.98
MW - 14	04/04/15	3511.85	-	21.91	0.00	3489.94
MW - 14	04/07/15	3511.85	-	21.89	0.00	3489.96
MW - 14	04/14/15	3511.85	-	21.90	0.00	3489.95
MW - 14	04/20/15	3511.85	-	21.83	0.00	3490.02
MW - 14	04/27/15	3511.85	-	21.87	0.00	3489.98
MW - 14	05/07/15	3511.85	-	21.84	0.00	3490.01
MW - 14	05/11/15	3511.85	-	21.86	0.00	3489.99

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 14	05/21/15	3511.85	-	21.78	0.00	3490.07
MW - 14	05/27/15	3511.85	-	21.75	0.00	3490.10
MW - 14	05/28/15	3511.85	-	21.81	0.00	3490.04
MW - 14	06/03/15	3511.85	-	21.80	0.00	3490.05
MW - 14	06/08/15	3511.85	-	21.76	0.00	3490.09
MW - 14	06/15/15	3511.85	-	21.80	0.00	3490.05
MW - 14	06/25/15	3511.85	-	21.75	0.00	3490.10
MW - 14	06/29/15	3511.85	-	21.69	0.00	3490.16
MW - 14	07/08/15	3511.85	-	21.79	0.00	3490.06
MW - 14	07/09/15	3511.85	-	21.74	0.00	3490.11
MW - 14	07/14/15	3511.85	-	21.81	0.00	3490.04
MW - 14	07/20/15	3511.85	-	21.88	0.00	3489.97
MW - 14	07/28/15	3511.85	-	22.01	0.00	3489.84
MW - 14	08/03/15	3511.85	-	22.22	0.00	3489.63
MW - 14	08/04/15	3511.85	-	22.09	0.00	3489.76
MW - 14	08/10/15	3511.85	-	22.11	0.00	3489.74
MW - 14	08/17/15	3511.85	-	22.13	0.00	3489.72
MW - 14	08/25/15	3511.85	-	22.26	0.00	3489.59
MW - 14	08/31/15	3511.85	-	22.22	0.00	3489.63
MW - 14	09/08/15	3511.85	-	22.17	0.00	3489.68
MW - 14	09/15/15	3511.85	-	22.20	0.00	3489.65
MW - 14	09/24/15	3511.85	-	22.38	0.00	3489.47
MW - 14	09/28/15	3511.85	-	23.35	0.00	3488.50
MW - 14	10/06/15	3511.85	-	22.33	0.00	3489.52
MW - 14	10/12/15	3511.85	-	22.24	0.00	3489.61
MW - 14	10/26/15	3511.85	-	22.13	0.00	3489.72
MW - 14	11/06/15	3511.85	-	22.02	0.00	3489.83
MW - 14	11/10/15	3511.85	-	21.96	0.00	3489.89
MW - 14	11/18/15	3511.85	-	22.06	0.00	3489.79
MW - 14	12/02/15	3511.85	-	21.94	0.00	3489.91
MW - 14	12/07/15	3511.85	-	22.02	0.00	3489.83
MW - 14	12/14/15	3511.85	-	21.88	0.00	3489.97
MW - 14	01/05/16	3511.85	-	21.80	0.00	3490.05
MW - 14	01/08/16	3511.85	-	21.82	0.00	3490.03
MW - 14	01/12/16	3511.85	-	21.88	0.00	3489.97
MW - 14	01/18/16	3511.85	-	21.82	0.00	3490.03
MW - 14	01/25/16	3511.85	-	21.83	0.00	3490.02
MW - 14	02/01/16	3511.85	-	21.80	0.00	3490.05
MW - 14	02/08/16	3511.85	-	21.80	0.00	3490.05
MW - 14	02/19/16	3511.85	-	21.77	0.00	3490.08
MW - 14	02/23/16	3511.85	-	21.73	0.00	3490.12
MW - 14	03/03/16	3511.85	-	21.79	0.00	3490.06
MW - 14	03/07/16	3511.85	-	21.69	0.00	3490.16
MW - 14	03/15/16	3511.85	-	21.71	0.00	3490.14
MW - 14	03/21/16	3511.85	-	21.67	0.00	3490.18
MW - 14	03/28/16	3511.85	-	21.63	0.00	3490.22
MW - 14	04/05/16	3511.85	-	21.61	0.00	3490.24
MW - 14	04/08/16	3511.85	-	21.66	0.00	3490.19
MW - 14	04/12/16	3511.85	-	21.65	0.00	3490.20
MW - 14	04/18/16	3511.85	-	21.66	0.00	3490.19
MW - 14	04/25/16	3511.85	-	21.57	0.00	3490.28
MW - 14	05/02/16	3511.85	-	21.58	0.00	3490.27
MW - 14	05/23/16	3511.85	-	21.54	0.00	3490.31
MW - 14	06/01/16	3511.85	-	21.67	0.00	3490.18

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 14	06/06/16	3511.85	-	21.66	0.00	3490.19
MW - 14	06/09/16	3511.85	-	21.64	0.00	3490.21
MW - 14	06/28/16	3511.85	-	21.93	0.00	3489.92
MW - 14	07/12/16	3511.85	-	22.06	0.00	3489.79
MW - 14	07/19/16	3511.85	-	22.16	0.00	3489.69
MW - 14	07/27/16	3511.85	-	22.24	0.00	3489.61
MW - 14	08/03/16	3511.85	-	22.24	0.00	3489.61
MW - 14	08/04/16	3511.85	-	22.26	0.00	3489.59
MW - 14	08/08/16	3511.85	-	22.26	0.00	3489.59
MW - 14	08/16/16	3511.85	-	22.34	0.00	3489.51
MW - 14	08/23/16	3511.85	-	22.33	0.00	3489.52
MW - 14	08/31/16	3511.85	-	22.07	0.00	3489.78
MW - 14	09/14/16	3511.85	-	21.39	0.00	3490.46
MW - 14	09/22/16	3511.85	-	21.20	0.00	3490.65
MW - 14	09/27/16	3511.85	-	21.11	0.00	3490.74
MW - 14	10/07/16	3511.85	-	21.11	0.00	3490.74
MW - 14	10/21/16	3511.85	-	21.09	0.00	3490.76
MW - 14	10/28/16	3511.85	-	21.10	0.00	3490.75
MW - 14	11/04/16	3511.85	-	21.16	0.00	3490.69
MW - 14	11/09/16	3511.85	-	21.17	0.00	3490.68
MW - 14	12/06/16	3511.85	-	21.18	0.00	3490.67
MW - 14	12/15/16	3511.85	-	21.20	0.00	3490.65
MW - 14	12/22/16	3511.85	-	21.25	0.00	3490.60
MW - 14	12/29/16	3511.85	-	21.27	0.00	3490.58
MW - 14	01/05/17	3511.85	-	21.23	0.00	3490.62
MW - 14	01/11/17	3511.85	-	21.21	0.00	3490.64
MW - 14	01/18/17	3511.85	-	21.22	0.00	3490.63
MW - 14	01/26/17	3511.85	-	21.28	0.00	3490.57
MW - 14	01/31/17	3511.85	-	21.22	0.00	3490.63
MW - 14	02/10/17	3511.85	-	21.22	0.00	3490.63
MW - 14	02/17/17	3511.85	-	21.20	0.00	3490.65
MW - 14	02/24/17	3511.85	-	21.26	0.00	3490.59
MW - 14	03/01/17	3511.85	-	21.23	0.00	3490.62
MW - 14	03/09/17	3511.85	-	21.24	0.00	3490.61
MW - 14	03/15/17	3511.85	-	21.21	0.00	3490.64
MW - 14	03/22/17	3511.85	-	21.27	0.00	3490.58
MW - 14	03/29/17	3511.85	-	21.32	0.00	3490.53
MW - 14	04/07/17	3511.85	-	21.25	0.00	3490.60
MW - 14	04/11/17	3511.85	-	21.19	0.00	3490.66
MW - 14	04/20/17	3511.85	-	21.17	0.00	3490.68
MW - 14	05/02/17	3511.85	-	21.14	0.00	3490.71
MW - 14	05/12/17	3511.85	-	21.20	0.00	3490.65
MW - 14	05/16/17	3511.85	-	21.12	0.00	3490.73
MW - 14	05/24/17	3511.85	-	21.25	0.00	3490.60
MW - 14	06/05/17	3511.85	-	21.32	0.00	3490.53
MW - 14	06/15/17	3511.85	-	21.45	0.00	3490.40
MW - 14	06/28/17	3511.85	-	21.53	0.00	3490.32
MW - 14	07/05/17	3511.85	-	21.63	0.00	3490.22
MW - 14	07/11/17	3511.85	-	21.67	0.00	3490.18
MW - 14	07/17/17	3511.85	-	21.69	0.00	3490.16
MW - 14	07/20/17	3511.85	-	21.74	0.00	3490.11
MW - 14	08/16/17	3511.85	-	21.72	0.00	3490.13
MW - 14	09/05/17	3511.85	-	21.51	0.00	3490.34
MW - 14	09/13/17	3511.85	-	21.46	0.00	3490.39

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 14	09/19/17	3511.85	-	21.53	0.00	3490.32
MW - 14	09/29/17	3511.85	-	21.59	0.00	3490.26
MW - 14	10/05/17	3511.85	-	21.63	0.00	3490.22
MW - 14	10/12/17	3511.85	-	21.41	0.00	3490.44
MW - 14	10/20/17	3511.85	-	21.32	0.00	3490.53
MW - 14	10/24/17	3511.85	-	21.42	0.00	3490.43
MW - 14	11/02/17	3511.85	-	21.47	0.00	3490.38
MW - 14	11/14/17	3511.85	-	21.33	0.00	3490.52
MW - 14	12/20/17	3511.85	-	21.28	0.00	3490.57
MW - 14	12/28/17	3511.85	-	21.26	0.00	3490.59
MW - 14	01/03/18	3511.85	-	22.29	0.00	3489.56
MW - 14	01/09/18	3511.85	-	21.24	0.00	3490.61
MW - 14	01/19/18	3511.85	-	21.24	0.00	3490.61
MW - 14	01/24/18	3511.85	-	21.98	0.00	3489.87
MW - 14	02/07/18	3511.85	-	21.29	0.00	3490.56
MW - 14	02/12/18	3511.85	-	21.24	0.00	3490.61
MW - 14	02/22/18	3511.85	-	21.24	0.00	3490.61
MW - 14	03/02/18	3511.85	-	21.23	0.00	3490.62
MW - 14	03/07/18	3511.85	-	21.23	0.00	3490.62
MW - 14	03/19/18	3511.85	-	21.26	0.00	3490.59
MW - 14	03/29/18	3511.85	-	21.23	0.00	3490.62
MW - 14	04/02/18	3511.85	-	21.18	0.00	3490.67
MW - 14	04/11/18	3511.85	-	21.18	0.00	3490.67
MW - 14	04/16/18	3511.85	-	21.19	0.00	3490.66
MW - 14	04/25/18	3511.85	-	21.22	0.00	3490.63
MW - 14	05/01/18	3511.85	-	21.19	0.00	3490.66
MW - 14	05/08/18	3511.85	-	21.19	0.00	3490.66
MW - 14	05/22/18	3511.85	-	21.43	0.00	3490.42
MW - 14	05/31/18	3511.85	-	21.52	0.00	3490.33
MW - 14	06/06/18	3511.85	-	21.56	0.00	3490.29
MW - 14	06/13/18	3511.85	-	21.64	0.00	3490.21
MW - 14	06/18/18	3511.85	-	21.67	0.00	3490.18
MW - 14	06/25/18	3511.85	-	21.74	0.00	3490.11
MW - 14	07/02/18	3511.85	-	21.78	0.00	3490.07
MW - 14	07/11/18	3511.85	-	21.91	0.00	3489.94
MW - 14	07/19/18	3511.85	-	21.89	0.00	3489.96
MW - 14	07/27/18	3511.85	-	21.94	0.00	3489.91
MW - 14	08/08/18	3511.85	-	22.01	0.00	3489.84
MW - 14	08/30/18	3511.85	-	22.12	0.00	3489.73
MW - 14	09/12/18	3511.85	-	22.12	0.00	3489.73
MW - 14	09/20/18	3511.85	-	22.04	0.00	3489.81
MW - 14	09/26/18	3511.85	-	22.08	0.00	3489.77
MW - 14	10/03/18	3511.85	-	22.00	0.00	3489.85
MW - 14	10/19/18	3511.85	-	22.01	0.00	3489.84
MW - 14	10/31/18	3511.85	-	21.90	0.00	3489.95
MW - 14	11/06/18	3511.85	-	21.89	0.00	3489.96
MW - 14	11/13/18	3511.85	-	21.92	0.00	3489.93
MW - 14	12/03/18	3511.85	-	21.78	0.00	3490.07
MW - 14	12/19/18	3511.85	-	21.69	0.00	3490.16
MW - 14	12/27/18	3511.85	-	21.68	0.00	3490.17
MW - 14	01/03/19	3511.85	-	21.77	0.00	3490.08
MW - 14	01/09/19	3511.85	-	21.69	0.00	3490.16
MW - 14	01/16/19	3511.85	-	21.65	0.00	3490.20
MW - 14	01/31/19	3511.85	-	21.66	0.00	3490.19

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 14	02/06/19	3511.85	-	21.62	0.00	3490.23
MW - 14	02/12/19	3511.85	-	21.61	0.00	3490.24
MW - 14	02/21/19	3511.85	-	21.58	0.00	3490.27
MW - 14	02/28/19	3511.85	-	21.52	0.00	3490.33
MW - 14	03/06/19	3511.85	-	21.52	0.00	3490.33
MW - 14	03/12/19	3511.85	-	21.48	0.00	3490.37
MW - 14	03/19/19	3511.85	-	21.52	0.00	3490.33
MW - 14	03/28/19	3511.85	-	21.53	0.00	3490.32
MW - 14	04/01/19	3511.85	-	21.56	0.00	3490.29
MW - 14	04/10/19	3511.85	-	21.43	0.00	3490.42
MW - 14	04/17/19	3511.85	-	21.52	0.00	3490.33
MW - 14	04/24/19	3511.85	-	21.55	0.00	3490.30
MW - 14	05/01/19	3511.85	-	21.50	0.00	3490.35
MW - 14	05/08/19	3511.85	-	21.45	0.00	3490.40
MW - 14	05/17/19	3511.85	-	21.49	0.00	3490.36
MW - 14	06/14/19	3511.85	-	21.60	0.00	3490.25
MW - 14	06/18/19	3511.85	-	21.65	0.00	3490.20
MW - 14	06/28/19	3511.85	-	21.80	0.00	3490.05
MW - 14	07/11/19	3511.85	-	21.92	0.00	3489.93
MW - 14	08/08/19	3511.85	-	22.09	0.00	3489.76
MW - 14	09/12/19	3511.85	-	22.07	0.00	3489.78
MW - 14	09/17/19	3511.85	-	22.27	0.00	3489.58
MW - 14	10/15/19	3511.85	-	22.10	0.00	3489.75
MW - 14	11/06/19	3511.85	-	22.04	0.00	3489.81
MW - 14	11/13/19	3511.85	-	21.91	0.00	3489.94
MW - 14	12/17/19	3511.85	-	21.83	0.00	3490.02
MW - 14	01/06/20	3511.85	-	21.74	0.00	3490.11
MW - 14	01/23/20	3511.85	-	21.76	0.00	3490.09
MW - 14	01/29/20	3511.85	-	21.70	0.00	3490.15
MW - 14	02/21/20	3511.85	-	21.70	0.00	3490.15
MW - 14	03/05/20	3511.85	-	21.70	0.00	3490.15
MW - 14	05/14/20	3511.85	-	21.42	0.00	3490.43
MW - 14	05/21/20	3511.85	-	21.47	0.00	3490.38
MW - 14	06/17/20	3511.85	-	21.82	0.00	3490.03
MW - 14	07/21/20	3511.85	-	22.15	0.00	3489.70
MW - 14	08/13/20	3511.85	-	22.30	0.00	3489.55
MW - 14	09/14/20	3511.85	-	22.39	0.00	3489.46
MW - 14	10/16/20	3511.85	-	22.48	0.00	3489.37
MW - 14	12/10/20	3511.85	-	22.53	0.00	3489.32
MW - 14	01/13/21	3511.85	-	22.50	0.00	3489.35
MW - 14	02/11/21	3511.85	-	22.42	0.00	3489.43
MW - 14	04/21/21	3511.85	-	22.38	0.00	3489.47
MW - 14	06/11/21	3511.85	-	22.39	0.00	3489.46
MW - 14	09/23/21	3511.85	-	22.59	0.00	3489.26
MW - 14	10/14/21	3511.85	-	22.63	0.00	3489.22
MW - 14	10/28/21	3511.85	22.40	22.50	0.10	3489.44
MW - 14	12/06/21	3511.85	-	22.73	0.00	3489.12
MW - 15	06/20/02	3506.48	18.69	19.19	0.50	3487.72
MW - 15	09/26/02	3506.48	18.76	21.77	3.01	3487.27
MW - 15	11/12/02	3506.48	18.85	21.31	2.46	3487.26
MW - 15	01/07/03	3506.48	18.51	21.84	3.33	3487.47
MW - 15	01/27/03	3506.48	18.49	21.18	2.69	3487.59
MW - 15	02/26/03	3506.48	18.61	19.42	0.81	3487.75

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 15	03/11/03	3506.48	18.56	19.56	1.00	3487.77
MW - 15	03/19/03	3506.48	18.56	20.75	2.19	3487.59
MW - 15	03/25/03	3506.48	18.58	19.56	0.98	3487.75
MW - 15	04/16/03	3506.48	18.74	18.75	0.01	3487.74
MW - 15	04/23/03	3506.48	18.63	18.88	0.25	3487.81
MW - 15	04/29/03	3506.48	18.70	18.71	0.01	3487.78
MW - 15	05/14/03	3506.48	18.77	19.36	0.59	3487.62
MW - 15	05/20/03	3506.48	18.53	19.60	1.07	3487.79
MW - 15	05/27/03	3506.48	18.90	19.82	0.92	3487.44
MW - 15	06/04/03	3506.48	18.80	19.89	1.09	3487.52
MW - 15	07/07/03	3506.48	19.32	19.60	0.28	3487.12
MW - 15	07/30/03	3506.48	19.36	19.56	0.20	3487.09
MW - 15	08/06/03	3506.48	19.61	19.83	0.22	3486.84
MW - 15	08/21/03	3506.48	19.82	19.91	0.09	3486.65
MW - 15	08/26/03	3506.48	19.96	20.06	0.10	3486.51
MW - 15	09/08/03	3506.48	19.79	19.99	0.20	3486.66
MW - 15	09/15/03	3506.48	19.81	19.96	0.15	3486.65
MW - 15	09/24/03	3506.48	20.05	20.31	0.26	3486.39
MW - 15	10/02/03	3506.48	19.87	20.12	0.25	3486.57
MW - 15	10/08/03	3506.48	19.77	19.94	0.17	3486.68
MW - 15	10/16/03	3506.48	20.09	20.24	0.15	3486.37
MW - 15	10/28/03	3506.48	20.15	20.36	0.21	3486.30
MW - 15	11/11/03	3506.48	20.24	20.39	0.15	3486.22
MW - 15	11/18/03	3506.48	19.95	20.11	0.16	3486.51
MW - 15	12/10/03	3506.48	19.79	19.98	0.19	3486.66
MW - 15	02/02/04	3506.48	20.17	20.27	0.10	3486.30
MW - 15	02/26/04	3506.48	19.69	20.02	0.33	3486.74
MW - 15	03/16/04	3506.48	19.88	20.35	0.47	3486.53
MW - 15	03/19/04	3506.48	19.90	20.40	0.50	3486.51
MW - 15	03/25/04	3506.48	19.89	20.46	0.57	3486.50
MW - 15	04/01/04	3506.48	19.81	20.45	0.64	3486.57
MW - 15	04/08/04	3506.48	19.85	20.42	0.57	3486.54
MW - 15	04/14/04	3506.48	18.77	19.54	0.77	3487.59
MW - 15	04/16/04	3506.48	18.98	19.74	0.76	3487.39
MW - 15	04/22/04	3506.48	18.20	19.25	1.05	3488.12
MW - 15	04/29/04	3506.48	18.23	19.34	1.11	3488.08
MW - 15	05/11/04	3506.48	18.20	20.26	2.06	3487.97
MW - 15	06/08/04	3506.48	18.26	21.27	3.01	3487.77
MW - 15	06/17/04	3506.48	18.25	21.24	2.99	3487.78
MW - 15	06/22/04	3506.48	18.29	21.26	2.97	3487.74
MW - 15	06/29/04	3506.48	18.26	21.32	3.06	3487.76
MW - 15	07/06/04	3506.48	18.17	21.49	3.32	3487.81
MW - 15	07/13/04	3506.48	18.20	21.54	3.34	3487.78
MW - 15	07/20/04	3506.48	18.34	21.98	3.64	3487.59
MW - 15	08/04/04	3506.48	18.35	21.10	2.75	3487.72
MW - 15	08/10/04	3506.48	18.39	21.09	2.70	3487.69
MW - 15	08/16/04	3506.48	18.57	21.48	2.91	3487.47
MW - 15	08/23/04	3506.48	18.59	20.72	2.13	3487.57
MW - 15	08/25/04	3506.48	18.65	19.79	1.14	3487.66
MW - 15	08/26/04	3506.48	18.65	19.85	1.20	3487.65
MW - 15	08/31/04	3506.48	18.69	20.11	1.42	3487.58
MW - 15	09/13/04	3506.48	18.81	19.98	1.17	3487.49
MW - 15	09/20/04	3506.48	18.89	19.79	0.90	3487.46
MW - 15	09/30/04	3506.48	18.99	19.81	0.82	3487.37

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 15	10/04/04	3506.48	18.12	19.44	1.32	3488.16
MW - 15	10/11/04	3506.48	17.81	20.65	2.84	3488.24
MW - 15	10/18/04	3506.48	17.83	20.17	2.34	3488.30
MW - 15	10/26/04	3506.48	18.03	20.05	2.02	3488.15
MW - 15	11/02/04	3506.48	18.50	19.10	0.60	3487.89
MW - 15	11/08/04	3506.48	18.19	19.20	1.01	3488.14
MW - 15	11/15/04	3506.48	18.19	19.78	1.59	3488.05
MW - 15	12/01/04	3506.48	18.75	20.92	2.17	3487.40
MW - 15	12/02/04	3506.48	18.75	20.91	2.16	3487.41
MW - 15	12/14/04	3506.48	17.73	20.00	2.27	3488.41
MW - 15	12/21/04	3506.48	17.79	19.70	1.91	3488.40
MW - 15	12/29/04	3506.48	17.78	19.90	2.12	3488.38
MW - 15	01/11/05	3506.48	17.60	19.72	2.12	3488.56
MW - 15	01/14/05	3506.48	17.80	19.72	1.92	3488.39
MW - 15	01/18/05	3506.48	17.68	19.37	1.69	3488.55
MW - 15	01/21/05	3506.48	17.70	18.61	0.91	3488.64
MW - 15	01/25/05	3506.48	17.68	18.80	1.12	3488.63
MW - 15	01/28/05	3506.48	17.81	18.49	0.68	3488.57
MW - 15	02/02/05	3506.48	17.89	18.61	0.72	3488.48
MW - 15	02/05/05	3506.48	17.99	18.31	0.32	3488.44
MW - 15	02/08/05	3506.48	17.61	18.53	0.92	3488.73
MW - 15	02/11/05	3506.48	17.63	18.19	0.56	3488.77
MW - 15	02/15/05	3506.48	17.59	18.34	0.75	3488.78
MW - 15	02/18/05	3506.48	17.69	18.30	0.61	3488.70
MW - 15	02/22/05	3506.48	17.56	18.30	0.74	3488.81
MW - 15	02/25/05	3506.48	17.55	18.15	0.60	3488.84
MW - 15	03/01/05	3506.48	17.50	18.24	0.74	3488.87
MW - 15	03/04/05	3506.48	17.51	18.10	0.59	3488.88
MW - 15	03/08/05	3506.48	17.49	18.13	0.64	3488.89
MW - 15	03/08/05	3506.48	17.49	18.13	0.64	3488.89
MW - 15	03/11/05	3506.48	17.59	18.08	0.49	3488.82
MW - 15	03/15/05	3506.48	17.50	18.05	0.55	3488.90
MW - 15	03/18/05	3506.48	17.51	18.03	0.52	3488.89
MW - 15	03/22/05	3506.48	18.40	19.15	0.75	3487.97
MW - 15	03/28/05	3506.48	18.34	19.19	0.85	3488.01
MW - 15	04/01/05	3506.48	18.38	19.18	0.80	3487.98
MW - 15	04/05/05	3506.48	17.29	18.21	0.92	3489.05
MW - 15	04/08/05	3506.48	17.24	18.12	0.88	3489.11
MW - 15	04/15/05	3506.48	17.28	18.09	0.81	3489.08
MW - 15	05/25/05	3506.48	17.10	17.90	0.80	3489.26
MW - 15	05/27/05	3506.48	17.09	17.81	0.72	3489.28
MW - 15	05/31/05	3506.48	17.08	17.68	0.60	3489.31
MW - 15	06/03/05	3506.48	17.03	17.69	0.66	3489.35
MW - 15	06/06/05	3506.48	17.07	17.56	0.49	3489.34
MW - 15	06/08/05	3506.48	17.01	17.58	0.57	3489.38
MW - 15	06/13/05	3506.48	17.02	17.53	0.51	3489.38
MW - 15	06/20/05	3506.48	17.10	17.63	0.53	3489.30
MW - 15	06/24/05	3506.48	17.03	17.77	0.74	3489.34
MW - 15	06/27/05	3506.48	17.13	17.62	0.49	3489.28
MW - 15	07/11/05	3506.48	17.12	17.78	0.66	3489.26
MW - 15	07/15/05	3506.48	17.18	17.90	0.72	3489.19
MW - 15	07/18/05	3506.48	17.19	18.19	1.00	3489.14
MW - 15	07/21/05	3506.48	17.30	17.70	0.40	3489.12
MW - 15	07/25/05	3506.48	17.29	18.08	0.79	3489.07

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 15	08/01/05	3506.48	17.33	17.94	0.61	3489.06
MW - 15	08/04/05	3506.48	17.39	17.85	0.46	3489.02
MW - 15	08/12/05	3506.48	17.53	17.72	0.19	3488.92
MW - 15	08/15/05	3506.48	17.30	17.93	0.63	3489.09
MW - 15	08/23/05	3506.48	17.18	17.81	0.63	3489.21
MW - 15	08/30/05	3506.48	17.13	17.90	0.77	3489.23
MW - 15	09/06/05	3506.48	17.11	17.92	0.81	3489.25
MW - 15	09/13/05	3506.48	17.08	18.08	1.00	3489.25
MW - 15	09/15/05	3506.48	17.18	17.87	0.69	3489.20
MW - 15	09/19/05	3506.48	17.12	17.77	0.65	3489.26
MW - 15	09/27/05	3506.48	17.10	18.08	0.98	3489.23
MW - 15	10/03/05	3506.48	17.20	17.94	0.74	3489.17
MW - 15	10/08/05	3506.48	16.98	17.59	0.61	3489.41
MW - 15	10/10/05	3506.48	17.10	18.21	1.11	3489.21
MW - 15	10/17/05	3506.48	17.09	17.70	0.61	3489.30
MW - 15	10/24/05	3506.48	17.11	17.68	0.57	3489.28
MW - 15	10/31/05	3506.48	17.02	17.88	0.86	3489.33
MW - 15	11/15/05	3506.48	17.05	17.91	0.86	3489.30
MW - 15	11/22/05	3506.48	17.03	17.65	0.62	3489.36
MW - 15	11/27/05	3506.48	17.05	17.73	0.68	3489.33
MW - 15	12/07/05	3506.48	17.08	17.47	0.39	3489.34
MW - 15	12/12/05	3506.48	17.04	17.50	0.46	3489.37
MW - 15	12/16/05	3506.48	17.00	17.46	0.46	3489.41
MW - 15	12/22/05	3506.48	17.05	17.91	0.86	3489.30
MW - 15	12/27/05	3506.48	17.00	17.69	0.69	3489.38
MW - 15	01/03/06	3506.48	17.03	17.63	0.60	3489.36
MW - 15	01/09/06	3506.48	17.06	17.56	0.50	3489.35
MW - 15	01/16/06	3506.48	17.02	17.50	0.48	3489.39
MW - 15	01/23/06	3506.48	17.06	17.40	0.34	3489.37
MW - 15	01/30/06	3506.48	17.10	17.38	0.28	3489.34
MW - 15	02/06/06	3506.48	17.00	17.41	0.41	3489.42
MW - 15	02/14/06	3506.48	17.08	17.41	0.33	3489.35
MW - 15	02/21/06	3506.48	16.98	17.41	0.43	3489.44
MW - 15	03/01/06	3506.48	16.95	17.38	0.43	3489.47
MW - 15	03/06/06	3506.48	16.99	17.33	0.34	3489.44
MW - 15	03/16/06	3506.48	17.00	17.36	0.36	3489.43
MW - 15	03/17/06	3506.48	17.01	17.36	0.35	3489.42
MW - 15	03/21/06	3506.48	16.99	17.39	0.40	3489.43
MW - 15	03/28/06	3506.48	17.02	17.37	0.35	3489.41
MW - 15	04/03/06	3506.48	16.96	17.31	0.35	3489.47
MW - 15	04/17/06	3506.48	16.92	17.21	0.29	3489.52
MW - 15	05/01/06	3506.48	16.91	17.11	0.20	3489.54
MW - 15	05/08/06	3506.48	16.94	17.27	0.33	3489.49
MW - 15	05/15/06	3506.48	16.99	17.42	0.43	3489.43
MW - 15	06/05/06	3506.48	17.22	17.71	0.49	3489.19
MW - 15	06/12/06	3506.48	17.33	17.96	0.63	3489.06
MW - 15	06/15/06	3506.48	17.42	17.86	0.44	3488.99
MW - 15	06/19/06	3506.48	17.41	17.89	0.48	3489.00
MW - 15	07/03/06	3506.48	17.57	17.96	0.39	3488.85
MW - 15	07/10/06	3506.48	17.56	18.00	0.44	3488.85
MW - 15	07/17/06	3506.48	17.37	17.86	0.49	3489.04
MW - 15	07/26/06	3506.48	17.51	18.14	0.63	3488.88
MW - 15	07/31/06	3506.48	17.49	17.98	0.49	3488.92
MW - 15	08/07/06	3506.48	17.54	17.99	0.45	3488.87

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 15	08/17/06	3506.48	17.47	18.18	0.71	3488.90
MW - 15	08/21/06	3506.48	17.34	17.90	0.56	3489.06
MW - 15	09/06/06	3506.48	17.11	17.65	0.54	3489.29
MW - 15	09/11/06	3506.48	17.17	17.85	0.68	3489.21
MW - 15	09/18/06	3506.48	17.16	17.59	0.43	3489.26
MW - 15	09/25/06	3506.48	17.22	17.88	0.66	3489.16
MW - 15	10/02/06	3506.48	17.20	17.85	0.65	3489.18
MW - 15	10/09/06	3506.48	17.13	17.91	0.78	3489.23
MW - 15	10/17/06	3506.48	17.20	18.15	0.95	3489.14
MW - 15	10/23/06	3506.48	17.11	17.82	0.71	3489.26
MW - 15	10/30/06	3506.48	17.10	17.80	0.70	3489.28
MW - 15	11/06/06	3506.48	17.15	17.80	0.65	3489.23
MW - 15	11/13/06	3506.48	17.16	17.76	0.60	3489.23
MW - 15	11/20/06	3506.48	17.15	17.70	0.55	3489.25
MW - 15	11/27/06	3506.48	17.13	17.74	0.61	3489.26
MW - 15	11/30/06	3506.48	17.15	17.50	0.35	3489.28
MW - 15	12/04/06	3506.48	17.23	17.69	0.46	3489.18
MW - 15	12/12/06	3506.48	17.29	17.76	0.47	3489.12
MW - 15	12/18/06	3506.48	17.10	17.73	0.63	3489.29
MW - 15	01/02/07	3506.48	17.10	17.85	0.75	3489.27
MW - 15	01/11/07	3506.48	17.03	17.39	0.36	3489.40
MW - 15	01/18/07	3506.48	17.27	17.36	0.09	3489.20
MW - 15	01/22/07	3506.48	17.06	17.62	0.56	3489.34
MW - 15	02/05/07	3506.48	17.07	17.39	0.32	3489.36
MW - 15	02/12/07	3506.48	16.99	17.11	0.12	3489.47
MW - 15	02/19/07	3506.48	16.98	17.14	0.16	3489.48
MW - 15	02/27/07	3506.48	17.03	17.52	0.49	3489.38
MW - 15	03/05/07	3506.48	17.06	17.63	0.57	3489.33
MW - 15	03/12/07	3506.48	17.03	17.14	0.11	3489.43
MW - 15	03/19/07	3506.48	16.98	17.12	0.14	3489.48
MW - 15	04/02/07	3506.48	16.97	17.17	0.20	3489.48
MW - 15	04/09/07	3506.48	16.92	17.07	0.15	3489.54
MW - 15	05/01/07	3506.48	17.91	18.30	0.39	3488.51
MW - 15	05/12/07	3506.48	17.90	18.32	0.42	3488.52
MW - 15	05/17/07	3506.48	16.71	16.93	0.22	3489.74
MW - 15	05/21/07	3506.48	16.74	16.95	0.21	3489.71
MW - 15	05/22/07	3506.48	16.74	16.95	0.21	3489.71
MW - 15	06/01/07	3506.48	17.50	17.81	0.31	3488.93
MW - 15	06/06/07	3506.48	16.75	17.04	0.29	3489.69
MW - 15	06/11/07	3506.48	16.79	17.49	0.70	3489.59
MW - 15	06/19/07	3506.48	16.87	17.21	0.34	3489.56
MW - 15	06/25/07	3506.48	16.94	17.26	0.32	3489.49
MW - 15	07/03/07	3506.48	17.07	17.49	0.42	3489.35
MW - 15	07/18/07	3506.48	17.23	17.54	0.31	3489.20
MW - 15	07/23/07	3506.48	17.29	17.63	0.34	3489.14
MW - 15	07/31/07	3506.48	17.44	18.01	0.57	3488.95
MW - 15	08/14/07	3506.48	17.42	17.86	0.44	3488.99
MW - 15	08/15/07	3506.48	17.41	17.79	0.38	3489.01
MW - 15	08/25/07	3506.48	17.50	17.96	0.46	3488.91
MW - 15	09/05/07	3506.48	17.57	18.02	0.45	3488.84
MW - 15	09/10/07	3506.48	17.47	17.77	0.30	3488.97
MW - 15	09/17/07	3506.48	17.23	17.55	0.32	3489.20
MW - 15	09/24/07	3506.48	17.16	17.61	0.45	3489.25
MW - 15	11/05/07	3506.48	17.18	18.13	0.95	3489.16

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 15	11/06/07	3506.48	17.34	18.56	1.22	3488.96
MW - 15	11/12/07	3506.48	17.22	17.78	0.56	3489.18
MW - 15	11/19/07	3506.48	17.22	17.53	0.31	3489.21
MW - 15	11/30/07	3506.48	17.29	17.54	0.25	3489.15
MW - 15	12/03/07	3506.48	17.24	17.44	0.20	3489.21
MW - 15	12/14/07	3506.48	17.19	17.40	0.21	3489.26
MW - 15	12/17/07	3506.48	17.22	17.42	0.20	3489.23
MW - 15	01/09/08	3506.48	17.15	17.40	0.25	3489.29
MW - 15	01/16/08	3506.48	17.18	17.58	0.40	3489.24
MW - 15	01/30/08	3506.48	sheen	17.15	0.00	3489.33
MW - 15	02/08/08	3506.48	sheen	17.36	0.00	3489.12
MW - 15	02/12/08	3506.48	sheen	17.19	0.00	3489.29
MW - 15	02/14/08	3506.48	17.16	17.20	0.04	3489.31
MW - 15	02/20/08	3506.48	17.12	17.14	0.02	3489.36
MW - 15	02/28/08	3506.48	17.13	17.22	0.09	3489.34
MW - 15	03/05/08	3506.48	17.12	17.29	0.17	3489.33
MW - 15	03/13/08	3506.48	17.11	17.27	0.16	3489.35
MW - 15	03/19/08	3506.48	17.13	17.30	0.17	3489.32
MW - 15	03/24/08	3506.48	17.09	17.22	0.13	3489.37
MW - 15	04/02/08	3506.48	17.11	17.20	0.09	3489.36
MW - 15	04/07/08	3506.48	17.09	17.19	0.10	3489.38
MW - 15	04/14/08	3506.48	17.11	17.12	0.01	3489.37
MW - 15	04/23/08	3506.48	17.07	17.20	0.13	3489.39
MW - 15	05/07/08	3506.48	17.08	17.26	0.18	3489.37
MW - 15	05/13/08	3506.48	17.07	17.22	0.15	3489.39
MW - 15	05/14/08	3506.48	17.07	17.22	0.15	3489.39
MW - 15	05/19/08	3506.48	17.10	17.25	0.15	3489.36
MW - 15	06/09/08	3506.48	17.35	17.69	0.34	3489.08
MW - 15	06/16/08	3506.48	17.12	17.15	0.03	3489.36
MW - 15	06/23/08	3506.48	17.55	17.98	0.43	3488.87
MW - 15	06/30/08	3506.48	17.60	17.98	0.38	3488.82
MW - 15	07/14/08	3506.48	17.65	18.12	0.47	3488.76
MW - 15	07/22/08	3506.48	17.70	18.14	0.44	3488.71
MW - 15	07/29/08	3506.48	17.74	17.96	0.22	3488.71
MW - 15	08/04/08	3506.48	17.75	18.14	0.39	3488.67
MW - 15	08/11/08	3506.48	17.79	18.17	0.38	3488.63
MW - 15	08/14/08	3506.48	17.83	18.12	0.29	3488.61
MW - 15	08/18/08	3506.48	17.80	18.08	0.28	3488.64
MW - 15	08/28/08	3506.48	17.74	18.08	0.34	3488.69
MW - 15	09/17/08	3506.48	17.45	18.03	0.58	3488.94
MW - 15	09/29/08	3506.48	17.44	18.13	0.69	3488.94
MW - 15	10/06/08	3506.48	17.46	18.50	1.04	3488.86
MW - 15	10/13/08	3506.48	17.55	17.93	0.38	3488.87
MW - 15	10/20/08	3506.48	17.39	17.84	0.45	3489.02
MW - 15	10/29/08	3506.48	17.39	17.95	0.56	3489.01
MW - 15	10/30/08	3506.48	17.42	17.80	0.38	3489.00
MW - 15	11/06/08	3506.48	17.40	17.55	0.15	3489.06
MW - 15	11/12/08	3506.48	17.36	17.69	0.33	3489.07
MW - 15	11/13/08	3506.48	17.36	17.69	0.33	3489.07
MW - 15	12/16/08	3506.48	17.38	17.60	0.22	3489.07
MW - 15	12/19/08	3506.48	17.36	17.55	0.19	3489.09
MW - 15	12/22/08	3506.48	17.30	17.58	0.28	3489.14
MW - 15	01/06/09	3506.48	17.30	17.57	0.27	3489.14
MW - 15	01/12/09	3506.48	17.34	17.75	0.41	3489.08

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 15	01/19/09	3506.48	17.13	17.34	0.21	3489.32
MW - 15	01/22/09	3506.48	17.30	17.41	0.11	3489.16
MW - 15	01/26/09	3506.48	17.30	17.46	0.16	3489.16
MW - 15	02/10/09	3506.48	17.25	17.37	0.12	3489.21
MW - 15	02/13/09	3506.48	17.30	17.71	0.41	3489.12
MW - 15	02/16/09	3506.48	17.36	17.72	0.36	3489.07
MW - 15	02/24/09	3506.48	17.42	17.76	0.34	3489.01
MW - 15	03/02/09	3506.48	17.18	17.34	0.16	3489.28
MW - 15	03/05/09	3506.48	17.28	17.54	0.26	3489.16
MW - 15	03/09/09	3506.48	17.26	17.41	0.15	3489.20
MW - 15	03/16/09	3506.48	17.27	17.41	0.14	3489.19
MW - 15	03/19/09	3506.48	17.20	17.32	0.12	3489.26
MW - 15	03/25/09	3506.48	17.19	17.32	0.13	3489.27
MW - 15	03/30/09	3506.48	17.21	17.31	0.10	3489.26
MW - 15	04/13/09	3506.48	17.20	17.34	0.14	3489.26
MW - 15	04/16/09	3506.48	17.23	17.30	0.07	3489.24
MW - 15	04/21/09	3506.48	17.25	17.31	0.06	3489.22
MW - 15	04/27/09	3506.48	17.19	17.36	0.17	3489.26
MW - 15	04/30/09	3506.48	17.24	17.30	0.06	3489.23
MW - 15	05/06/09	3506.48	17.25	17.31	0.06	3489.22
MW - 15	05/12/09	3506.48	17.20	17.27	0.07	3489.27
MW - 15	05/19/09	3506.48	17.22	17.52	0.30	3489.22
MW - 15	05/26/09	3506.48	17.30	17.53	0.23	3489.15
MW - 15	06/01/09	3506.48	17.42	17.56	0.14	3489.04
MW - 15	06/05/09	3506.48	17.39	17.56	0.17	3489.06
MW - 15	06/12/09	3506.48	17.40	17.64	0.24	3489.04
MW - 15	06/15/09	3506.48	17.49	17.72	0.23	3488.96
MW - 15	06/22/09	3506.48	17.49	17.77	0.28	3488.95
MW - 15	06/24/09	3506.48	17.52	17.70	0.18	3488.93
MW - 15	06/29/09	3506.48	17.58	17.80	0.22	3488.87
MW - 15	07/06/09	3506.48	17.62	17.88	0.26	3488.82
MW - 15	07/09/09	3506.48	17.21	17.51	0.30	3489.23
MW - 15	07/13/09	3506.48	17.22	17.50	0.28	3489.22
MW - 15	07/20/09	3506.48	17.32	17.49	0.17	3489.13
MW - 15	07/23/09	3506.48	17.84	18.21	0.37	3488.58
MW - 15	07/27/09	3506.48	17.86	18.22	0.36	3488.57
MW - 15	07/29/09	3506.48	17.72	17.96	0.24	3488.72
MW - 15	08/03/09	3506.48	17.72	17.91	0.19	3488.73
MW - 15	08/10/09	3506.48	17.75	18.17	0.42	3488.67
MW - 15	08/10/09	3506.48	17.75	18.17	0.42	3488.67
MW - 15	08/18/09	3506.48	17.82	18.19	0.37	3488.60
MW - 15	08/24/09	3506.48	17.79	18.29	0.50	3488.62
MW - 15	08/28/09	3506.48	17.87	18.26	0.39	3488.55
MW - 15	08/31/09	3506.48	17.92	18.16	0.24	3488.52
MW - 15	09/02/09	3506.48	17.92	18.12	0.20	3488.53
MW - 15	09/08/09	3506.48	17.99	18.21	0.22	3488.46
MW - 15	09/16/09	3506.48	17.96	18.20	0.24	3488.48
MW - 15	09/18/09	3506.48	17.96	18.22	0.26	3488.48
MW - 15	09/22/09	3506.48	18.01	18.24	0.23	3488.44
MW - 15	09/28/09	3506.48	17.86	18.23	0.37	3488.56
MW - 15	10/09/09	3506.48	18.05	18.52	0.47	3488.36
MW - 15	10/12/09	3506.48	17.24	17.49	0.25	3489.20
MW - 15	10/15/09	3506.48	18.08	18.26	0.18	3488.37
MW - 15	10/20/09	3506.48	18.08	18.27	0.19	3488.37

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 15	10/26/09	3506.48	17.25	17.46	0.21	3489.20
MW - 15	10/28/09	3506.48	18.11	18.30	0.19	3488.34
MW - 15	11/03/09	3506.48	18.09	18.25	0.16	3488.37
MW - 15	11/12/09	3506.48	18.07	18.24	0.17	3488.38
MW - 15	11/18/09	3506.48	18.12	18.26	0.14	3488.34
MW - 15	12/03/09	3506.48	18.09	18.23	0.14	3488.37
MW - 15	12/11/09	3506.48	18.09	18.25	0.16	3488.37
MW - 15	12/16/09	3506.48	18.08	18.25	0.17	3488.37
MW - 15	12/21/09	3506.48	18.08	18.22	0.14	3488.38
MW - 15	12/28/09	3506.48	18.10	18.26	0.16	3488.36
MW - 15	01/04/10	3506.48	18.05	18.19	0.14	3488.41
MW - 15	01/14/10	3506.48	17.96	18.04	0.08	3488.51
MW - 15	01/20/10	3506.48	17.94	18.05	0.11	3488.52
MW - 15	01/25/10	3506.48	18.07	18.23	0.16	3488.39
MW - 15	01/27/10	3506.48	17.92	18.05	0.13	3488.54
MW - 15	02/01/10	3506.48	17.92	18.05	0.13	3488.54
MW - 15	02/08/10	3506.48	17.84	17.97	0.13	3488.62
MW - 15	02/08/10	3506.48	sheen	18.17	0.00	3488.31
MW - 15	02/09/10	3506.48	17.92	18.04	0.12	3488.54
MW - 15	02/19/10	3506.48	18.06	18.21	0.15	3488.40
MW - 15	02/26/10	3506.48	17.86	18.04	0.18	3488.59
MW - 15	03/01/10	3506.48	18.12	18.24	0.12	3488.34
MW - 15	03/04/10	3506.48	17.83	17.97	0.14	3488.63
MW - 15	03/08/10	3506.48	17.78	17.90	0.12	3488.68
MW - 15	03/11/10	3506.48	17.70	17.80	0.10	3488.77
MW - 15	03/15/10	3506.48	17.80	17.91	0.11	3488.66
MW - 15	03/17/10	3506.48	17.71	17.76	0.05	3488.76
MW - 15	03/22/10	3506.48	17.68	17.93	0.25	3488.76
MW - 15	03/29/10	3506.48	17.64	17.70	0.06	3488.83
MW - 15	04/05/10	3506.48	17.68	17.76	0.08	3488.79
MW - 15	04/14/10	3506.48	17.68	17.73	0.05	3488.79
MW - 15	04/16/10	3506.48	17.61	17.73	0.12	3488.85
MW - 15	04/19/10	3506.48	17.63	17.69	0.06	3488.84
MW - 15	04/28/10	3506.48	17.58	17.62	0.04	3488.89
MW - 15	05/05/10	3506.48	17.52	17.61	0.09	3488.95
MW - 15	05/12/10	3506.48	17.57	17.59	0.02	3488.91
MW - 15	05/14/10	3506.48	17.57	17.59	0.02	3488.91
MW - 15	05/21/10	3506.48	17.49	17.51	0.02	3488.99
MW - 15	05/26/10	3506.48	sheen	17.64	0.00	3488.84
MW - 15	06/04/10	3506.48	sheen	17.55	0.00	3488.93
MW - 15	06/07/10	3506.48	sheen	17.85	0.00	3488.63
MW - 15	06/12/10	3506.48	sheen	17.80	0.00	3488.68
MW - 15	06/24/10	3506.48	sheen	18.00	0.00	3488.48
MW - 15	06/30/10	3506.48	sheen	18.01	0.00	3488.47
MW - 15	07/07/10	3506.48	sheen	17.40	0.00	3489.08
MW - 15	07/12/10	3506.48	sheen	17.31	0.00	3489.17
MW - 15	07/19/10	3506.48	sheen	17.28	0.00	3489.20
MW - 15	08/03/10	3506.48	17.20	17.22	0.02	3489.28
MW - 15	08/11/10	3506.48	17.20	17.22	0.02	3489.28
MW - 15	08/19/10	3506.48	17.14	17.25	0.11	3489.32
MW - 15	08/25/10	3506.48	17.20	17.38	0.18	3489.25
MW - 15	09/01/10	3506.48	17.21	17.46	0.25	3489.23
MW - 15	09/09/10	3506.48	17.29	17.69	0.40	3489.13
MW - 15	09/13/10	3506.48	17.19	17.21	0.02	3489.29

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 15	09/29/10	3506.48	17.39	17.98	0.59	3489.00
MW - 15	10/05/10	3506.48	17.21	17.22	0.01	3489.27
MW - 15	10/20/10	3506.48	17.47	18.35	0.88	3488.88
MW - 15	10/25/10	3506.48	17.49	18.32	0.83	3488.87
MW - 15	11/03/10	3506.48	17.21	17.24	0.03	3489.27
MW - 15	11/10/10	3506.48	17.54	17.60	0.06	3488.93
MW - 15	11/12/10	3506.48	17.54	17.60	0.06	3488.93
MW - 15	12/09/10	3506.48	17.26	17.31	0.05	3489.21
MW - 15	01/18/11	3506.48	17.53	17.58	0.05	3488.94
MW - 15	02/16/11	3506.48	17.50	17.64	0.14	3488.96
MW - 15	03/01/11	3506.48	17.40	17.86	0.46	3489.01
MW - 15	03/07/11	3506.48	17.35	17.75	0.40	3489.07
MW - 15	03/22/11	3506.48	17.51	17.66	0.15	3488.95
MW - 15	04/27/11	3506.48	17.41	17.85	0.44	3489.00
MW - 15	05/05/11	3506.48	17.47	17.87	0.40	3488.95
MW - 15	05/10/11	3506.48	17.50	17.85	0.35	3488.93
MW - 15	05/17/11	3506.48	17.49	17.82	0.33	3488.94
MW - 15	05/19/11	3506.48	17.49	17.82	0.33	3488.94
MW - 15	05/24/11	3506.48	17.62	17.94	0.32	3488.81
MW - 15	06/07/11	3506.48	17.68	18.03	0.35	3488.75
MW - 15	06/08/11	3506.48	17.69	18.25	0.56	3488.71
MW - 15	06/14/11	3506.48	17.60	17.98	0.38	3488.82
MW - 15	06/23/11	3506.48	17.69	17.97	0.28	3488.75
MW - 15	06/28/11	3506.48	17.49	17.77	0.28	3488.95
MW - 15	07/06/11	3506.48	17.49	17.87	0.38	3488.93
MW - 15	07/14/11	3506.48	17.83	18.03	0.20	3488.62
MW - 15	07/20/11	3506.48	18.03	18.40	0.37	3488.39
MW - 15	07/27/11	3506.48	18.02	18.25	0.23	3488.43
MW - 15	08/03/11	3506.48	18.07	18.26	0.19	3488.38
MW - 15	08/10/11	3506.48	18.06	18.26	0.20	3488.39
MW - 15	08/18/11	3506.48	18.09	18.34	0.25	3488.35
MW - 15	08/25/11	3506.48	-	18.70	0.00	3487.78
MW - 15	09/07/11	3506.48	-	18.45	0.00	3488.03
MW - 15	09/14/11	3506.48	-	18.40	0.00	3488.08
MW - 15	11/14/11	3506.48	-	18.23	0.00	3488.25
MW - 15	12/01/11	3506.48	-	18.22	0.00	3488.26
MW - 15	12/08/11	3506.48	-	18.25	0.00	3488.23
MW - 15	12/14/11	3506.48	-	18.21	0.00	3488.27
MW - 15	02/03/12	3506.48	-	18.04	0.00	3488.44
MW - 15	02/29/12	3506.48	-	17.96	0.00	3488.52
MW - 15	03/14/12	3506.48	-	17.88	0.00	3488.60
MW - 15	03/19/12	3506.48	-	17.96	0.00	3488.52
MW - 15	03/29/12	3506.48	-	17.89	0.00	3488.59
MW - 15	04/05/12	3506.48	-	17.84	0.00	3488.64
MW - 15	04/18/12	3506.48	-	17.78	0.00	3488.70
MW - 15	04/27/12	3506.48	-	17.84	0.00	3488.64
MW - 15	05/02/12	3506.48	-	17.86	0.00	3488.62
MW - 15	05/31/12	3506.48	-	17.83	0.00	3488.65
MW - 15	06/08/12	3506.48	-	17.85	0.00	3488.63
MW - 15	06/12/12	3506.48	-	17.89	0.00	3488.59
MW - 15	06/21/12	3506.48	-	17.91	0.00	3488.57
MW - 15	06/29/12	3506.48	-	17.93	0.00	3488.55
MW - 15	07/13/12	3506.48	18.11	18.43	0.32	3488.32
MW - 15	12/06/12	3506.48	20.09	20.31	0.22	3486.36

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 15	12/11/12	3506.48	20.08	20.27	0.19	3486.37
MW - 15	12/18/12	3506.48	20.07	20.22	0.15	3486.39
MW - 15	01/09/13	3506.48	20.06	20.29	0.23	3486.39
MW - 15	01/15/13	3506.48	20.06	20.11	0.05	3486.41
MW - 15	01/23/13	3506.48	20.04	20.07	0.03	3486.44
MW - 15	01/29/13	3506.48	20.00	20.05	0.05	3486.47
MW - 15	02/07/13	3506.48	20.02	20.10	0.08	3486.45
MW - 15	02/13/13	3506.48	19.99	20.00	0.01	3486.49
MW - 15	02/20/13	3506.48	19.97	19.99	0.02	3486.51
MW - 15	03/15/13	3506.48	-	19.94	0.00	3486.54
MW - 15	03/19/13	3506.48	-	19.94	0.00	3486.54
MW - 15	04/02/13	3506.48	-	19.91	0.00	3486.57
MW - 15	04/09/13	3506.48	-	19.88	0.00	3486.60
MW - 15	04/16/13	3506.48	-	19.88	0.00	3486.60
MW - 15	04/23/13	3506.48	-	19.88	0.00	3486.60
MW - 15	04/30/13	3506.48	-	19.84	0.00	3486.64
MW - 15	05/08/13	3506.48	-	19.87	0.00	3486.61
MW - 15	05/14/13	3506.48	-	19.87	0.00	3486.61
MW - 15	05/22/13	3506.48	-	19.83	0.00	3486.65
MW - 15	05/28/13	3506.48	-	19.86	0.00	3486.62
MW - 15	06/04/13	3506.48	-	19.88	0.00	3486.60
MW - 15	06/11/13	3506.48	-	19.91	0.00	3486.57
MW - 15	06/19/13	3506.48	-	19.97	0.00	3486.51
MW - 15	06/28/13	3506.48	-	21.11	0.00	3485.37
MW - 15	07/01/13	3506.48	-	20.22	0.00	3486.26
MW - 15	07/08/13	3506.48	-	20.20	0.00	3486.28
MW - 15	07/23/13	3506.48	20.26	20.34	0.08	3486.21
MW - 15	07/30/13	3506.48	-	20.19	0.00	3486.29
MW - 15	08/05/13	3506.48	-	20.21	0.00	3486.27
MW - 15	08/12/13	3506.48	-	20.17	0.00	3486.31
MW - 15	08/22/13	3506.48	-	20.36	0.00	3486.12
MW - 15	08/29/13	3506.48	-	20.34	0.00	3486.14
MW - 15	09/05/13	3506.48	-	20.38	0.00	3486.10
MW - 15	09/10/13	3506.48	-	20.58	0.00	3485.90
MW - 15	09/17/13	3506.48	-	20.58	0.00	3485.90
MW - 15	09/24/13	3506.48	-	20.51	0.00	3485.97
MW - 15	10/07/13	3506.48	-	20.61	0.00	3485.87
MW - 15	11/14/13	-	-	22.72	0.00	-
MW - 15	11/20/13	-	-	22.65	0.00	-
MW - 15	12/12/13	-	-	22.16	0.00	-
MW - 15	12/19/13	-	-	22.56	0.00	-
MW - 15	01/03/14	-	-	22.57	0.00	-
MW - 15	01/09/14	-	-	22.60	0.00	-
MW - 15	01/13/14	-	-	22.56	0.00	-
MW - 15	01/21/14	-	-	22.53	0.00	-
MW - 15	01/24/14	-	-	22.56	0.00	-
MW - 15	02/04/14	3511.77	-	22.47	0.00	3489.30
MW - 15	02/10/14	3511.77	-	22.49	0.00	3489.28
MW - 15	02/27/14	3511.77	-	22.44	0.00	3489.33
MW - 15	03/17/14	3511.77	-	22.33	0.00	3489.44
MW - 15	03/27/14	3511.77	-	22.33	0.00	3489.44
MW - 15	04/02/14	3511.77	-	22.35	0.00	3489.42
MW - 15	04/16/14	3511.77	-	22.29	0.00	3489.48
MW - 15	04/28/14	3511.77	-	22.29	0.00	3489.48

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 15	05/14/14	3511.77	-	22.29	0.00	3489.48
MW - 15	05/21/14	3511.77	-	22.29	0.00	3489.48
MW - 15	06/05/14	3511.77	-	22.39	0.00	3489.38
MW - 15	06/11/14	3511.77	-	22.45	0.00	3489.32
MW - 15	06/16/14	3511.77	-	22.55	0.00	3489.22
MW - 15	06/24/14	3511.77	-	22.65	0.00	3489.12
MW - 15	07/01/14	3511.77	-	22.76	0.00	3489.01
MW - 15	07/08/14	3511.77	-	22.77	0.00	3489.00
MW - 15	07/15/14	3511.77	22.78	22.80	0.02	3488.99
MW - 15	07/22/14	3511.77	22.84	22.88	0.04	3488.92
MW - 15	07/23/14	3511.77	22.84	22.88	0.04	3488.92
MW - 15	07/31/14	3511.77	22.90	24.11	1.21	3488.69
MW - 15	08/05/14	3511.77	22.92	22.95	0.03	3488.85
MW - 15	08/07/14	3511.77	22.90	23.98	1.08	3488.71
MW - 15	08/15/14	3511.77	22.92	23.73	0.81	3488.73
MW - 15	08/20/14	3511.77	22.94	23.18	0.24	3488.79
MW - 15	08/27/14	3511.77	22.98	23.31	0.33	3488.74
MW - 15	09/24/14	3511.77	-	22.25	0.00	3489.52
MW - 15	10/01/14	3511.77	-	21.90	0.00	3489.87
MW - 15	10/07/14	3511.77	-	21.81	0.00	3489.96
MW - 15	10/14/14	3511.77	-	21.75	0.00	3490.02
MW - 15	10/20/14	3511.77	-	21.72	0.00	3490.05
MW - 15	10/27/14	3511.77	-	21.69	0.00	3490.08
MW - 15	11/03/14	3511.77	21.72	21.77	0.05	3490.04
MW - 15	11/11/14	3511.77	-	21.68	0.00	3490.09
MW - 15	11/19/14	3511.77	21.65	21.66	0.01	3490.12
MW - 15	12/08/14	3511.77	21.70	21.89	0.19	3490.04
MW - 15	12/15/14	3511.77	-	21.72	0.00	3490.05
MW - 15	12/18/14	3511.77	-	21.75	0.00	3490.02
MW - 15	12/22/14	3511.77	-	21.75	0.00	3490.02
MW - 15	12/29/14	3511.77	21.72	21.75	0.03	3490.05
MW - 15	01/05/15	3511.77	-	21.76	0.00	3490.01
MW - 15	01/12/15	3511.77	-	21.79	0.00	3489.98
MW - 15	01/19/15	3511.77	-	21.78	0.00	3489.99
MW - 15	02/04/15	3511.77	-	21.81	0.00	3489.96
MW - 15	02/09/15	3511.77	-	21.75	0.00	3490.02
MW - 15	02/19/15	3511.77	-	21.81	0.00	3489.96
MW - 15	03/03/15	3511.77	-	21.79	0.00	3489.98
MW - 15	03/09/15	3511.77	-	21.79	0.00	3489.98
MW - 15	03/16/15	3511.77	-	21.80	0.00	3489.97
MW - 15	03/20/15	3511.77	-	21.85	0.00	3489.92
MW - 15	03/23/15	3511.77	-	21.85	0.00	3489.92
MW - 15	03/30/15	3511.77	-	21.86	0.00	3489.91
MW - 15	04/04/15	3511.77	-	21.79	0.00	3489.98
MW - 15	04/07/15	3511.77	-	21.79	0.00	3489.98
MW - 15	04/14/15	3511.77	-	21.78	0.00	3489.99
MW - 15	04/20/15	3511.77	-	21.71	0.00	3490.06
MW - 15	04/27/15	3511.77	-	21.75	0.00	3490.02
MW - 15	05/07/15	3511.77	-	21.61	0.00	3490.16
MW - 15	05/11/15	3511.77	-	21.60	0.00	3490.17
MW - 15	05/21/15	3511.77	-	21.60	0.00	3490.17
MW - 15	05/27/15	3511.77	-	21.60	0.00	3490.17
MW - 15	05/28/15	3511.77	-	21.55	0.00	3490.22
MW - 15	06/03/15	3511.77	-	21.57	0.00	3490.20

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 15	06/08/15	3511.77	-	21.56	0.00	3490.21
MW - 15	06/15/15	3511.77	-	21.61	0.00	3490.16
MW - 15	06/25/15	3511.77	-	21.57	0.00	3490.20
MW - 15	06/29/15	3511.77	21.50	21.51	0.01	3490.27
MW - 15	07/08/15	3511.77	-	21.74	0.00	3490.03
MW - 15	07/09/15	3511.77	-	21.68	0.00	3490.09
MW - 15	07/14/15	3511.77	-	21.72	0.00	3490.05
MW - 15	07/20/15	3511.77	-	21.75	0.00	3490.02
MW - 15	07/28/15	3511.77	-	21.83	0.00	3489.94
MW - 15	08/03/15	3511.77	-	21.92	0.00	3489.85
MW - 15	08/04/15	3511.77	-	21.93	0.00	3489.84
MW - 15	08/10/15	3511.77	-	21.97	0.00	3489.80
MW - 15	08/17/15	3511.77	-	22.12	0.00	3489.65
MW - 15	08/25/15	3511.77	21.95	22.01	0.06	3489.81
MW - 15	08/31/15	3511.77	21.93	22.06	0.13	3489.82
MW - 15	09/08/15	3511.77	-	21.96	0.00	3489.81
MW - 15	09/15/15	3511.77	-	22.12	0.00	3489.65
MW - 15	09/24/15	3511.77	-	22.29	0.00	3489.48
MW - 15	09/28/15	3511.77	-	22.32	0.00	3489.45
MW - 15	10/06/15	3511.77	-	22.20	0.00	3489.57
MW - 15	10/12/15	3511.77	-	22.00	0.00	3489.77
MW - 15	10/26/15	3511.77	-	21.99	0.00	3489.78
MW - 15	11/06/15	3511.77	-	21.92	0.00	3489.85
MW - 15	11/10/15	3511.77	-	21.81	0.00	3489.96
MW - 15	11/18/15	3511.77	-	21.92	0.00	3489.85
MW - 15	12/02/15	3511.77	-	21.79	0.00	3489.98
MW - 15	12/07/15	3511.77	-	21.89	0.00	3489.88
MW - 15	12/14/15	3511.77	-	21.81	0.00	3489.96
MW - 15	01/05/16	3511.77	-	21.73	0.00	3490.04
MW - 15	01/08/16	3511.77	-	21.76	0.00	3490.01
MW - 15	01/12/16	3511.77	-	21.83	0.00	3489.94
MW - 15	01/18/16	3511.77	-	21.70	0.00	3490.07
MW - 15	01/25/16	3511.77	-	21.66	0.00	3490.11
MW - 15	02/01/16	3511.77	-	21.55	0.00	3490.22
MW - 15	02/08/16	3511.77	-	21.69	0.00	3490.08
MW - 15	02/19/16	3511.77	-	21.66	0.00	3490.11
MW - 15	02/23/16	3511.77	-	21.59	0.00	3490.18
MW - 15	03/03/16	3511.77	-	21.69	0.00	3490.08
MW - 15	03/07/16	3511.77	-	21.58	0.00	3490.19
MW - 15	03/15/16	3511.77	-	21.60	0.00	3490.17
MW - 15	03/21/16	3511.77	-	21.57	0.00	3490.20
MW - 15	03/28/16	3511.77	-	21.50	0.00	3490.27
MW - 15	04/05/16	3511.77	-	21.46	0.00	3490.31
MW - 15	04/08/16	3511.77	-	21.56	0.00	3490.21
MW - 15	04/12/16	3511.77	-	21.45	0.00	3490.32
MW - 15	04/18/16	3511.77	-	21.52	0.00	3490.25
MW - 15	04/25/16	3511.77	-	21.43	0.00	3490.34
MW - 15	05/02/16	3511.77	-	22.77	0.00	3489.00
MW - 15	05/23/16	3511.77	-	21.43	0.00	3490.34
MW - 15	06/01/16	3511.77	-	21.47	0.00	3490.30
MW - 15	06/06/16	3511.77	-	21.50	0.00	3490.27
MW - 15	06/28/16	3511.77	-	21.66	0.00	3490.11
MW - 15	07/12/16	3511.77	-	21.99	0.00	3489.78
MW - 15	07/19/16	3511.77	-	22.01	0.00	3489.76

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 15	07/27/16	3511.77	-	22.09	0.00	3489.68
MW - 15	08/03/16	3511.77	-	22.05	0.00	3489.72
MW - 15	08/08/16	3511.77	-	22.12	0.00	3489.65
MW - 15	08/16/16	3511.77	22.12	22.19	0.07	3489.64
MW - 15	08/23/16	3511.77	-	22.22	0.00	3489.55
MW - 15	08/31/16	3511.77	-	22.07	0.00	3489.70
MW - 15	09/14/16	3511.77	-	21.28	0.00	3490.49
MW - 15	09/22/16	3511.77	-	21.11	0.00	3490.66
MW - 15	09/27/16	3511.77	-	21.03	0.00	3490.74
MW - 15	10/07/16	3511.77	-	20.95	0.00	3490.82
MW - 15	10/21/16	3511.77	-	20.98	0.00	3490.79
MW - 15	10/28/16	3511.77	-	20.96	0.00	3490.81
MW - 15	11/04/16	3511.77	-	20.99	0.00	3490.78
MW - 15	11/09/16	3511.77	-	21.07	0.00	3490.70
MW - 15	12/06/16	3511.77	-	21.03	0.00	3490.74
MW - 15	12/15/16	3511.77	-	21.12	0.00	3490.65
MW - 15	12/22/16	3511.77	-	21.18	0.00	3490.59
MW - 15	12/29/16	3511.77	-	21.29	0.00	3490.48
MW - 15	01/05/17	3511.77	-	21.06	0.00	3490.71
MW - 15	01/11/17	3511.77	-	21.09	0.00	3490.68
MW - 15	01/18/17	3511.77	-	21.08	0.00	3490.69
MW - 15	01/26/17	3511.77	-	21.15	0.00	3490.62
MW - 15	01/31/17	3511.77	-	21.06	0.00	3490.71
MW - 15	02/10/17	3511.77	-	21.08	0.00	3490.69
MW - 15	02/17/17	3511.77	-	21.04	0.00	3490.73
MW - 15	02/24/17	3511.77	-	21.10	0.00	3490.67
MW - 15	03/01/17	3511.77	-	21.11	0.00	3490.66
MW - 15	03/09/17	3511.77	-	21.11	0.00	3490.66
MW - 15	03/15/17	3511.77	-	21.10	0.00	3490.67
MW - 15	03/22/17	3511.77	-	21.14	0.00	3490.63
MW - 15	03/29/17	3511.77	-	21.11	0.00	3490.66
MW - 15	04/07/17	3511.77	-	21.09	0.00	3490.68
MW - 15	04/11/17	3511.77	-	21.09	0.00	3490.68
MW - 15	04/20/17	3511.77	-	21.06	0.00	3490.71
MW - 15	05/02/17	3511.77	-	20.98	0.00	3490.79
MW - 15	05/12/17	3511.77	-	21.10	0.00	3490.67
MW - 15	05/16/17	3511.77	-	21.02	0.00	3490.75
MW - 15	05/23/17	3511.77	-	21.07	0.00	3490.70
MW - 15	06/05/17	3511.77	-	21.12	0.00	3490.65
MW - 15	06/15/17	3511.77	-	21.23	0.00	3490.54
MW - 15	06/28/17	3511.77	-	21.43	0.00	3490.34
MW - 15	07/05/17	3511.77	-	21.45	0.00	3490.32
MW - 15	07/11/17	3511.77	-	21.45	0.00	3490.32
MW - 15	07/17/17	3511.77	-	21.43	0.00	3490.34
MW - 15	07/20/17	3511.77	-	21.62	0.00	3490.15
MW - 15	08/16/17	3511.77	-	21.48	0.00	3490.29
MW - 15	09/05/17	3511.77	-	21.30	0.00	3490.47
MW - 15	09/13/17	3511.77	-	21.27	0.00	3490.50
MW - 15	09/19/17	3511.77	-	21.32	0.00	3490.45
MW - 15	09/29/17	3511.77	-	21.51	0.00	3490.26
MW - 15	10/05/17	3511.77	-	21.57	0.00	3490.20
MW - 15	10/12/17	3511.77	-	21.32	0.00	3490.45
MW - 15	10/20/17	3511.77	-	21.32	0.00	3490.45
MW - 15	10/24/17	3511.77	-	21.34	0.00	3490.43

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 15	11/02/17	3511.77	-	21.29	0.00	3490.48
MW - 15	11/14/17	3511.77	-	21.20	0.00	3490.57
MW - 15	12/20/17	3511.77	-	22.16	0.00	3489.61
MW - 15	12/28/17	3511.77	-	21.13	0.00	3490.64
MW - 15	01/03/18	3511.77	-	21.13	0.00	3490.64
MW - 15	01/09/18	3511.77	-	21.09	0.00	3490.68
MW - 15	01/19/18	3511.77	-	21.10	0.00	3490.67
MW - 15	01/24/18	3511.77	-	21.13	0.00	3490.64
MW - 15	02/07/18	3511.77	-	21.13	0.00	3490.64
MW - 15	02/12/18	3511.77	-	21.11	0.00	3490.66
MW - 15	02/22/18	3511.77	-	21.08	0.00	3490.69
MW - 15	03/02/18	3511.77	-	21.09	0.00	3490.68
MW - 15	03/07/18	3511.77	-	21.07	0.00	3490.70
MW - 15	03/19/18	3511.77	-	21.10	0.00	3490.67
MW - 15	03/29/18	3511.77	-	21.06	0.00	3490.71
MW - 15	04/02/18	3511.77	-	21.02	0.00	3490.75
MW - 15	04/11/18	3511.77	-	21.02	0.00	3490.75
MW - 15	04/16/18	3511.77	-	21.02	0.00	3490.75
MW - 15	04/25/18	3511.77	-	21.04	0.00	3490.73
MW - 15	05/01/18	3511.77	-	21.03	0.00	3490.74
MW - 15	05/08/18	3511.77	-	21.05	0.00	3490.72
MW - 15	05/22/18	3511.77	-	21.24	0.00	3490.53
MW - 15	05/31/18	3511.77	-	21.29	0.00	3490.48
MW - 15	06/06/18	3511.77	-	21.39	0.00	3490.38
MW - 15	06/13/18	3511.77	-	21.44	0.00	3490.33
MW - 15	06/18/18	3511.77	-	21.44	0.00	3490.33
MW - 15	06/25/18	3511.77	-	21.47	0.00	3490.30
MW - 15	07/02/18	3511.77	-	21.57	0.00	3490.20
MW - 15	07/11/18	3511.77	-	21.73	0.00	3490.04
MW - 15	07/19/18	3511.77	-	21.69	0.00	3490.08
MW - 15	07/27/18	3511.77	-	21.75	0.00	3490.02
MW - 15	08/08/18	3511.77	-	21.84	0.00	3489.93
MW - 15	08/30/18	3511.77	-	21.95	0.00	3489.82
MW - 15	09/12/18	3511.77	-	22.01	0.00	3489.76
MW - 15	09/20/18	3511.77	-	21.82	0.00	3489.95
MW - 15	09/26/18	3511.77	-	21.93	0.00	3489.84
MW - 15	10/03/18	3511.77	-	21.81	0.00	3489.96
MW - 15	10/19/18	3511.77	-	21.84	0.00	3489.93
MW - 15	10/31/18	3511.77	-	21.67	0.00	3490.10
MW - 15	11/06/18	3511.77	-	21.67	0.00	3490.10
MW - 15	11/13/18	3511.77	-	21.68	0.00	3490.09
MW - 15	12/03/18	3511.77	-	21.61	0.00	3490.16
MW - 15	12/19/18	3511.77	-	21.51	0.00	3490.26
MW - 15	12/27/18	3511.77	-	21.50	0.00	3490.27
MW - 15	01/03/19	3511.77	-	21.61	0.00	3490.16
MW - 15	01/09/19	3511.77	-	21.56	0.00	3490.21
MW - 15	01/16/19	3511.77	-	21.53	0.00	3490.24
MW - 15	01/31/19	3511.77	-	21.54	0.00	3490.23
MW - 15	02/06/19	3511.77	-	21.45	0.00	3490.32
MW - 15	02/12/19	3511.77	-	21.47	0.00	3490.30
MW - 15	02/28/19	3511.77	-	21.43	0.00	3490.34
MW - 15	03/06/19	3511.77	-	21.46	0.00	3490.31
MW - 15	03/12/19	3511.77	-	21.41	0.00	3490.36
MW - 15	03/19/19	3511.77	-	21.51	0.00	3490.26

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 15	03/28/19	3511.77	-	21.41	0.00	3490.36
MW - 15	04/01/19	3511.77	-	21.45	0.00	3490.32
MW - 15	04/10/19	3511.77	-	21.36	0.00	3490.41
MW - 15	04/17/19	3511.77	-	21.31	0.00	3490.46
MW - 15	04/24/19	3511.77	-	21.33	0.00	3490.44
MW - 15	05/01/19	3511.77	-	21.32	0.00	3490.45
MW - 15	05/08/19	3511.77	-	21.30	0.00	3490.47
MW - 15	06/14/19	3511.77	-	21.50	0.00	3490.27
MW - 15	06/28/19	3511.77	-	21.61	0.00	3490.16
MW - 15	07/11/19	3511.77	-	21.75	0.00	3490.02
MW - 15	08/08/19	3511.77	-	22.00	0.00	3489.77
MW - 15	09/12/19	3511.77	-	22.12	0.00	3489.65
MW - 15	09/17/19	3511.77	-	22.19	0.00	3489.58
MW - 15	10/08/19	3511.77	-	21.95	0.00	3489.82
MW - 15	10/15/19	3511.77	-	21.91	0.00	3489.86
MW - 15	11/06/19	3511.77	-	21.86	0.00	3489.91
MW - 15	12/17/19	3511.77	-	21.67	0.00	3490.10
MW - 15	01/06/20	3511.77	-	21.60	0.00	3490.17
MW - 15	01/23/20	3511.77	-	21.58	0.00	3490.19
MW - 15	02/21/20	3511.77	-	21.56	0.00	3490.21
MW - 15	03/05/20	3511.77	-	21.55	0.00	3490.22
MW - 15	05/14/20	3511.77	-	21.29	0.00	3490.48
MW - 15	05/21/20	3511.77	-	21.30	0.00	3490.47
MW - 15	06/18/20	3511.77	-	21.66	0.00	3490.11
MW - 15	07/01/20	3511.77	-	21.86	0.00	3489.91
MW - 15	07/21/20	3511.77	-	22.01	0.00	3489.76
MW - 15	08/13/20	3511.77	-	22.21	0.00	3489.56
MW - 15	09/14/20	3511.77	22.28	22.30	0.02	3489.49
MW - 15	09/30/20	3511.77	22.30	22.31	0.01	3489.47
MW - 15	10/16/20	3511.77	-	22.34	0.00	3489.43
MW - 15	11/23/20	3511.77	-	22.42	0.00	3489.35
MW - 15	12/10/20	3511.77	-	22.44	0.00	3489.33
MW - 15	12/31/20	3511.77	-	22.43	0.00	3489.34
MW - 15	01/13/21	3511.77	-	22.32	0.00	3489.45
MW - 15	01/22/21	3511.77	-	22.34	0.00	3489.43
MW - 15	02/11/21	3511.77	-	22.32	0.00	3489.45
MW - 15	04/21/21	3511.77	-	22.21	0.00	3489.56
MW - 15	04/28/21	3511.77	-	22.18	0.00	3489.59
MW - 15	06/11/21	3511.77	-	22.22	0.00	3489.55
MW - 15	07/31/21	3511.77	-	22.20	0.00	3489.57
MW - 15	08/31/21	3511.77	-	22.42	0.00	3489.35
MW - 15	09/23/21	3511.77	-	22.46	0.00	3489.31
MW - 15	10/14/21	3511.77	-	22.51	0.00	3489.26
MW - 15	10/28/21	3511.77	-	22.55	0.00	3489.22
MW - 15	12/06/21	3511.77	-	22.58	0.00	3489.19
MW - 16	06/20/02	3509.38	-	20.88	0.00	3488.50
MW - 16	09/26/02	3509.38	-	21.43	0.00	3487.95
MW - 16	11/12/02	3509.38	-	21.24	0.00	3488.14
MW - 16	02/12/03	3509.38	-	20.89	0.00	3488.49
MW - 16	05/14/03	3509.38	-	21.10	0.00	3488.28
MW - 16	08/21/03	3509.38	-	21.86	0.00	3487.52
MW - 16	12/10/03	3509.38	-	21.85	0.00	3487.53
MW - 16	02/11/04	3509.38	-	21.82	0.00	3487.56

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 16	05/11/04	3509.38	-	20.63	0.00	3488.75
MW - 16	08/25/04	3509.38	-	21.10	0.00	3488.28
MW - 16	12/02/04	3509.38	-	20.37	0.00	3489.01
MW - 16	03/08/05	3509.38	-	19.73	0.00	3489.65
MW - 16	06/08/05	3509.38	-	19.27	0.00	3490.11
MW - 16	09/15/05	3509.38	-	19.56	0.00	3489.82
MW - 16	12/12/05	3509.38	-	19.37	0.00	3490.01
MW - 16	03/16/06	3509.38	-	19.30	0.00	3490.08
MW - 16	06/15/06	3509.38	-	19.79	0.00	3489.59
MW - 16	09/18/06	3509.38	-	19.53	0.00	3489.85
MW - 16	11/30/06	3509.38	-	19.48	0.00	3489.90
MW - 16	02/27/07	3509.38	-	19.32	0.00	3490.06
MW - 16	05/22/07	3509.38	-	23.23	0.00	3486.15
MW - 16	08/15/07	3509.38	-	19.86	0.00	3489.52
MW - 16	11/06/07	3509.38	-	19.65	0.00	3489.73
MW - 16	02/12/08	3509.38	-	19.47	0.00	3489.91
MW - 16	05/13/08	3509.38	-	19.42	0.00	3489.96
MW - 16	08/14/08	3509.38	-	20.26	0.00	3489.12
MW - 16	11/12/08	3509.38	-	19.73	0.00	3489.65
MW - 16	02/10/09	3509.38	-	19.58	0.00	3489.80
MW - 16	05/12/09	3509.38	-	19.51	0.00	3489.87
MW - 16	08/10/09	3509.38	-	20.23	0.00	3489.15
MW - 16	11/18/09	3509.38	-	20.42	0.00	3488.96
MW - 16	01/04/10	3509.38	-	20.36	0.00	3489.02
MW - 16	02/09/10	3509.38	-	20.18	0.00	3489.20
MW - 16	05/12/10	3509.38	-	19.75	0.00	3489.63
MW - 16	08/11/10	3509.38	-	19.75	0.00	3489.63
MW - 16	11/11/10	3509.38	-	20.40	0.00	3488.98
MW - 16	02/16/11	3509.38	-	20.39	0.00	3488.99
MW - 16	05/19/11	3509.38	-	20.42	0.00	3488.96
MW - 16	08/10/11	3509.38	-	20.55	0.00	3488.83
MW - 16	11/14/11	3509.38	-	20.51	0.00	3488.87
MW - 16	02/29/12	3509.38	-	20.20	0.00	3489.18
MW - 16	05/02/12	3509.38	-	20.11	0.00	3489.27
MW - 16	12/06/12	3509.38	-	20.48	0.00	3488.90
MW - 16	02/13/13	3509.38	-	20.34	0.00	3489.04
MW - 16	05/22/13	3509.38	-	20.19	0.00	3489.19
MW - 16	08/12/13	3509.38	-	20.57	0.00	3488.81
MW - 16	11/20/13	3509.38	-	20.65	0.00	3488.73
MW - 16	02/04/14	3510.44	-	20.43	0.00	3490.01
MW - 16	05/14/14	3510.44	-	20.27	0.00	3490.17
MW - 16	07/22/14	3510.44	-	20.93	0.00	3489.51
MW - 16	08/05/14	3510.44	-	21.00	0.00	3489.44
MW - 16	10/27/14	3510.44	-	19.93	0.00	3490.51
MW - 16	11/19/14	3510.44	-	19.86	0.00	3490.58
MW - 16	02/09/15	3510.44	-	19.81	0.00	3490.63
MW - 16	03/20/15	3510.44	-	19.80	0.00	3490.64
MW - 16	04/04/15	3510.44	-	19.77	0.00	3490.67
MW - 16	05/27/15	3510.44	-	19.62	0.00	3490.82
MW - 16	07/09/15	3510.44	-	19.71	0.00	3490.73
MW - 16	08/03/15	3510.44	-	20.01	0.00	3490.43
MW - 16	09/24/15	3510.44	-	20.25	0.00	3490.19
MW - 16	11/18/15	3510.44	-	19.84	0.00	3490.60
MW - 16	01/08/16	3510.44	-	19.72	0.00	3490.72

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 16	02/23/16	3510.44	-	19.64	0.00	3490.80
MW - 16	04/08/16	3510.44	-	19.53	0.00	3490.91
MW - 16	06/06/16	3510.44	-	19.60	0.00	3490.84
MW - 16	06/28/16	3510.44	-	19.85	0.00	3490.59
MW - 16	07/27/16	3510.44	-	20.19	0.00	3490.25
MW - 16	08/03/16	3510.44	-	20.26	0.00	3490.18
MW - 16	09/27/16	3510.44	-	19.37	0.00	3491.07
MW - 16	10/21/16	3510.44	-	19.20	0.00	3491.24
MW - 16	11/08/16	3510.44	-	19.19	0.00	3491.25
MW - 16	01/26/17	3510.44	-	19.22	0.00	3491.22
MW - 16	02/28/17	3510.44	-	19.20	0.00	3491.24
MW - 16	03/15/17	3510.44	-	19.17	0.00	3491.27
MW - 16	05/23/17	3510.44	-	19.18	0.00	3491.26
MW - 16	08/16/17	3510.44	-	19.66	0.00	3490.78
MW - 16	09/13/17	3510.44	-	19.79	0.00	3490.65
MW - 16	10/12/17	3510.44	-	19.42	0.00	3491.02
MW - 16	11/13/17	3510.44	-	19.35	0.00	3491.09
MW - 16	12/20/17	3510.44	-	19.26	0.00	3491.18
MW - 16	01/09/18	3510.44	-	19.24	0.00	3491.20
MW - 16	02/07/18	3510.44	-	19.21	0.00	3491.23
MW - 16	03/29/18	3510.44	-	19.15	0.00	3491.29
MW - 16	04/16/18	3510.44	-	19.11	0.00	3491.33
MW - 16	05/21/18	3510.44	-	19.32	0.00	3491.12
MW - 16	06/18/18	3510.44	-	19.61	0.00	3490.83
MW - 16	07/11/18	3510.44	-	19.76	0.00	3490.68
MW - 16	08/08/18	3510.44	-	20.01	0.00	3490.43
MW - 16	09/12/18	3510.44	-	20.09	0.00	3490.35
MW - 16	11/12/18	3510.44	-	19.75	0.00	3490.69
MW - 16	01/09/19	3510.44	-	19.58	0.00	3490.86
MW - 16	02/12/19	3510.44	-	19.52	0.00	3490.92
MW - 16	03/12/19	3510.44	-	19.47	0.00	3490.97
MW - 16	04/01/19	3510.44	-	19.40	0.00	3491.04
MW - 16	05/07/19	3510.44	-	19.32	0.00	3491.12
MW - 16	06/14/19	3510.44	-	19.57	0.00	3490.87
MW - 16	07/11/19	3510.44	-	19.89	0.00	3490.55
MW - 16	08/07/19	3510.44	-	20.10	0.00	3490.34
MW - 16	09/12/19	3510.44	-	20.25	0.00	3490.19
MW - 16	10/15/19	3510.44	-	20.05	0.00	3490.39
MW - 16	11/05/19	3510.44	-	19.97	0.00	3490.47
MW - 16	12/17/19	3510.44	-	19.76	0.00	3490.68
MW - 16	01/06/20	3510.44	-	19.70	0.00	3490.74
MW - 16	03/04/20	3510.44	-	19.60	0.00	3490.84
MW - 16	05/14/20	3510.44	-	19.36	0.00	3491.08
MW - 16	06/17/20	3510.44	-	19.83	0.00	3490.61
MW - 16	07/21/20	3510.44	-	20.15	0.00	3490.29
MW - 16	08/12/20	3510.44	-	20.28	0.00	3490.16
MW - 16	09/14/20	3510.44	-	20.42	0.00	3490.02
MW - 16	12/09/20	3510.44	-	20.51	0.00	3489.93
MW - 16	01/13/21	3510.44	-	20.44	0.00	3490.00
MW - 16	02/10/21	3510.44	-	20.37	0.00	3490.07
MW - 16	04/21/21	3510.44	-	20.26	0.00	3490.18
MW - 16	06/09/21	3510.44	-	20.25	0.00	3490.19
MW - 16	09/22/21	3510.44	-	20.61	0.00	3489.83
MW - 16	10/14/21	3510.44	-	20.64	0.00	3489.80

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 16	12/06/21	3510.44	-	20.67	0.00	3489.77
MW - 17	06/20/02	3507.56	-	19.87	0.00	3487.69
MW - 17	09/26/02	3507.56	-	20.30	0.00	3487.26
MW - 17	11/12/02	3507.56	-	20.23	0.00	3487.33
MW - 17	02/12/03	3507.56	-	19.88	0.00	3487.68
MW - 17	05/14/03	3507.56	-	20.09	0.00	3487.47
MW - 17	08/21/03	3507.56	-	20.74	0.00	3486.82
MW - 17	12/10/03	3507.56	-	20.71	0.00	3486.85
MW - 17	05/11/04	3507.56	-	19.63	0.00	3487.93
MW - 17	08/25/04	3507.56	-	19.96	0.00	3487.60
MW - 17	12/02/04	3507.56	-	19.23	0.00	3488.33
MW - 17	03/08/05	3507.56	-	18.74	0.00	3488.82
MW - 17	06/08/05	3507.56	-	18.28	0.00	3489.28
MW - 17	09/15/05	3507.56	-	18.43	0.00	3489.13
MW - 17	12/12/05	3507.56	-	18.28	0.00	3489.28
MW - 17	03/16/06	3507.56	-	18.25	0.00	3489.31
MW - 17	06/15/06	3507.56	-	18.60	0.00	3488.96
MW - 17	09/18/06	3507.56	-	18.40	0.00	3489.16
MW - 17	11/30/06	3507.56	-	18.39	0.00	3489.17
MW - 17	02/27/07	3507.56	-	18.22	0.00	3489.34
MW - 17	05/22/07	3507.56	-	18.03	0.00	3489.53
MW - 17	08/15/07	3507.56	-	18.67	0.00	3488.89
MW - 17	11/06/07	3507.56	-	18.51	0.00	3489.05
MW - 17	02/12/08	3507.56	-	18.36	0.00	3489.20
MW - 17	05/13/08	3507.56	-	18.36	0.00	3489.20
MW - 17	08/14/08	3507.56	-	19.03	0.00	3488.53
MW - 17	11/12/08	3507.56	-	18.65	0.00	3488.91
MW - 17	01/19/09	3507.56	18.51	18.63	0.12	3489.03
MW - 17	02/10/09	3507.56	-	18.47	0.00	3489.09
MW - 17	05/12/09	3507.56	-	18.44	0.00	3489.12
MW - 17	08/10/09	3507.56	-	18.99	0.00	3488.57
MW - 17	11/18/09	3507.56	-	19.28	0.00	3488.28
MW - 17	01/04/10	3507.56	-	19.24	0.00	3488.32
MW - 17	02/09/10	3507.56	-	19.09	0.00	3488.47
MW - 17	05/12/10	3507.56	-	18.70	0.00	3488.86
MW - 17	08/11/10	3507.56	-	18.70	0.00	3488.86
MW - 17	11/11/10	3507.56	-	19.29	0.00	3488.27
MW - 17	02/16/11	3507.56	-	19.31	0.00	3488.25
MW - 17	05/19/11	3507.56	-	19.34	0.00	3488.22
MW - 17	08/10/11	3507.56	-	19.39	0.00	3488.17
MW - 17	11/14/11	3507.56	-	19.37	0.00	3488.19
MW - 17	02/29/12	3507.56	-	19.12	0.00	3488.44
MW - 17	05/02/12	3507.56	-	19.01	0.00	3488.55
MW - 17	12/06/12	3507.56	-	20.19	0.00	3487.37
MW - 17	02/13/13	3507.56	-	20.07	0.00	3487.49
MW - 17	05/22/13	3507.56	-	19.84	0.00	3487.72
MW - 17	08/12/13	3507.56	-	20.17	0.00	3487.39
MW - 17	11/20/13	3507.56	-	20.27	0.00	3487.29
MW - 17	02/04/14	3509.33	-	20.09	0.00	3489.24
MW - 17	05/14/14	3509.33	-	19.94	0.00	3489.39
MW - 17	07/22/14	3509.33	-	20.49	0.00	3488.84
MW - 17	08/05/14	3509.33	-	20.53	0.00	3488.80
MW - 17	10/27/14	3509.33	-	19.36	0.00	3489.97

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 17	11/19/14	3509.33	-	19.32	0.00	3490.01
MW - 17	02/09/15	3509.33	-	19.42	0.00	3489.91
MW - 17	03/20/15	3509.33	-	19.42	0.00	3489.91
MW - 17	04/04/15	3509.33	-	19.40	0.00	3489.93
MW - 17	05/27/15	3509.33	-	19.23	0.00	3490.10
MW - 17	07/09/15	3509.33	-	19.22	0.00	3490.11
MW - 17	08/03/15	3509.33	-	19.49	0.00	3489.84
MW - 17	09/24/15	3509.33	-	19.73	0.00	3489.60
MW - 17	11/18/15	3509.33	-	19.40	0.00	3489.93
MW - 17	01/08/16	3509.33	-	19.31	0.00	3490.02
MW - 17	02/23/16	3509.33	-	19.25	0.00	3490.08
MW - 17	04/08/16	3509.33	-	19.17	0.00	3490.16
MW - 17	06/06/16	3509.33	-	19.17	0.00	3490.16
MW - 17	06/28/16	3509.33	-	19.36	0.00	3489.97
MW - 17	07/27/16	3509.33	-	19.67	0.00	3489.66
MW - 17	08/03/16	3509.33	-	19.73	0.00	3489.60
MW - 17	09/27/16	3509.33	-	18.67	0.00	3490.66
MW - 17	10/21/16	3509.33	-	18.64	0.00	3490.69
MW - 17	11/08/16	3509.33	-	18.69	0.00	3490.64
MW - 17	01/26/17	3509.33	-	18.79	0.00	3490.54
MW - 17	02/28/17	3509.33	-	18.78	0.00	3490.55
MW - 17	03/15/17	3509.33	-	18.76	0.00	3490.57
MW - 17	05/23/17	3509.33	-	18.73	0.00	3490.60
MW - 17	07/20/17	3509.33	-	19.23	0.00	3490.10
MW - 17	08/16/17	3509.33	-	19.13	0.00	3490.20
MW - 17	09/13/17	3509.33	-	19.28	0.00	3490.05
MW - 17	10/12/17	3509.33	-	19.91	0.00	3489.42
MW - 17	11/13/17	3509.33	-	18.88	0.00	3490.45
MW - 17	12/20/17	3509.33	-	18.83	0.00	3490.50
MW - 17	01/09/18	3509.33	-	18.81	0.00	3490.52
MW - 17	02/07/18	3509.33	-	18.81	0.00	3490.52
MW - 17	03/29/18	3509.33	-	18.76	0.00	3490.57
MW - 17	04/16/18	3509.33	-	18.73	0.00	3490.60
MW - 17	05/21/18	3509.33	-	18.88	0.00	3490.45
MW - 17	06/18/18	3509.33	-	19.16	0.00	3490.17
MW - 17	07/11/18	3509.33	-	19.32	0.00	3490.01
MW - 17	08/08/18	3509.33	-	19.49	0.00	3489.84
MW - 17	09/12/18	3509.33	-	19.62	0.00	3489.71
MW - 17	11/12/18	3509.33	-	19.28	0.00	3490.05
MW - 17	01/09/19	3509.33	-	19.16	0.00	3490.17
MW - 17	02/12/19	3509.33	-	19.13	0.00	3490.20
MW - 17	03/12/19	3509.33	-	19.06	0.00	3490.27
MW - 17	04/01/19	3509.33	-	19.03	0.00	3490.30
MW - 17	05/07/19	3509.33	-	18.93	0.00	3490.40
MW - 17	06/14/19	3509.33	-	19.13	0.00	3490.20
MW - 17	07/11/19	3509.33	-	19.41	0.00	3489.92
MW - 17	08/07/19	3509.33	-	19.57	0.00	3489.76
MW - 17	09/12/19	3509.33	-	19.76	0.00	3489.57
MW - 17	10/15/19	3509.33	-	19.51	0.00	3489.82
MW - 17	11/06/19	3509.33	-	19.51	0.00	3489.82
MW - 17	01/06/20	3509.33	-	19.27	0.00	3490.06
MW - 17	03/04/20	3509.33	-	19.19	0.00	3490.14
MW - 17	05/14/20	3509.33	-	18.95	0.00	3490.38
MW - 17	06/17/20	3509.33	-	19.31	0.00	3490.02

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 17	07/21/20	3509.33	-	19.62	0.00	3489.71
MW - 17	08/13/20	3509.33	-	19.76	0.00	3489.57
MW - 17	09/14/20	3509.33	-	19.89	0.00	3489.44
MW - 17	12/09/20	3509.33	-	20.06	0.00	3489.27
MW - 17	01/13/21	3509.33	-	20.02	0.00	3489.31
MW - 17	02/10/21	3509.33	-	19.97	0.00	3489.36
MW - 17	04/21/21	3509.33	-	19.86	0.00	3489.47
MW - 17	06/09/21	3509.33	-	19.84	0.00	3489.49
MW - 17	09/22/21	3509.33	-	20.09	0.00	3489.24
MW - 17	10/14/21	3509.33	-	20.13	0.00	3489.20
MW - 17	12/06/21	3509.33	-	20.21	0.00	3489.12
MW - 18	06/20/02	3509.12	-	21.29	0.00	3487.83
MW - 18	09/26/02	3509.12	-	21.70	0.00	3487.42
MW - 18	11/12/02	3509.12	-	21.61	0.00	3487.51
MW - 18	02/12/03	3509.12	-	21.29	0.00	3487.83
MW - 18	05/14/03	3509.12	-	21.34	0.00	3487.78
MW - 18	08/21/03	3509.12	-	22.13	0.00	3486.99
MW - 18	12/10/03	3509.12	-	22.11	0.00	3487.01
MW - 18	02/11/04	3509.12	-	22.21	0.00	3486.91
MW - 18	05/11/04	3509.12	-	20.97	0.00	3488.15
MW - 18	08/10/04	3509.12	19.50	19.58	0.08	3489.61
MW - 18	08/25/04	3509.12	-	21.38	0.00	3487.74
MW - 18	12/02/04	3509.12	-	20.68	0.00	3488.44
MW - 18	03/08/05	3509.12	-	20.12	0.00	3489.00
MW - 18	06/08/05	3509.12	-	19.62	0.00	3489.50
MW - 18	09/15/05	3509.12	-	19.79	0.00	3489.33
MW - 18	12/12/05	3509.12	-	19.62	0.00	3489.50
MW - 18	03/16/06	3509.12	-	19.51	0.00	3489.61
MW - 18	06/15/06	3509.12	-	20.06	0.00	3489.06
MW - 18	09/18/06	3509.12	-	19.82	0.00	3489.30
MW - 18	11/30/06	3509.12	-	19.79	0.00	3489.33
MW - 18	02/27/07	3509.12	-	19.62	0.00	3489.50
MW - 18	05/22/07	3509.12	-	19.44	0.00	3489.68
MW - 18	08/15/07	3509.12	-	20.13	0.00	3488.99
MW - 18	11/06/07	3509.12	-	19.94	0.00	3489.18
MW - 18	02/12/08	3509.12	-	19.79	0.00	3489.33
MW - 18	05/13/08	3509.12	-	19.73	0.00	3489.39
MW - 18	08/14/08	3509.12	-	20.52	0.00	3488.60
MW - 18	11/12/08	3509.12	-	20.05	0.00	3489.07
MW - 18	02/10/09	3509.12	-	19.92	0.00	3489.20
MW - 18	05/12/09	3509.12	-	19.87	0.00	3489.25
MW - 18	08/10/09	3509.12	-	20.50	0.00	3488.62
MW - 18	11/18/09	3509.12	-	20.72	0.00	3488.40
MW - 18	01/04/10	3509.12	-	20.67	0.00	3488.45
MW - 18	02/09/10	3509.12	-	20.54	0.00	3488.58
MW - 18	05/12/10	3509.12	-	20.04	0.00	3489.08
MW - 18	08/11/10	3509.12	-	20.03	0.00	3489.09
MW - 18	11/11/10	3509.12	-	20.70	0.00	3488.42
MW - 18	02/16/11	3509.12	-	20.73	0.00	3488.39
MW - 18	05/19/11	3509.12	-	20.71	0.00	3488.41
MW - 18	08/10/11	3509.12	-	20.81	0.00	3488.31
MW - 18	11/14/11	3509.12	-	20.84	0.00	3488.28
MW - 18	02/29/12	3509.12	-	20.59	0.00	3488.53

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 18	05/02/12	3509.12	-	20.50	0.00	3488.62
MW - 18	12/06/12	3509.12	-	20.86	0.00	3488.26
MW - 18	02/13/13	3509.12	-	20.74	0.00	3488.38
MW - 18	05/22/13	3509.12	-	20.61	0.00	3488.51
MW - 18	08/12/13	3509.12	-	20.94	0.00	3488.18
MW - 18	11/20/13	3509.12	-	21.03	0.00	3488.09
MW - 18	02/04/14	3510.17	-	20.85	0.00	3489.32
MW - 18	05/14/14	3510.17	-	20.69	0.00	3489.48
MW - 18	07/22/14	3510.17	-	21.23	0.00	3488.94
MW - 18	08/05/14	3510.17	-	21.28	0.00	3488.89
MW - 18	10/27/14	3510.17	-	20.17	0.00	3490.00
MW - 18	11/19/14	3510.17	-	20.16	0.00	3490.01
MW - 18	02/09/15	3510.17	-	20.18	0.00	3489.99
MW - 18	03/20/15	3510.17	-	20.18	0.00	3489.99
MW - 18	04/04/15	3510.17	-	20.12	0.00	3490.05
MW - 18	05/27/15	3510.17	-	20.03	0.00	3490.14
MW - 18	07/09/15	3510.17	-	20.00	0.00	3490.17
MW - 18	08/03/15	3510.17	-	20.28	0.00	3489.89
MW - 18	09/24/15	3510.17	-	20.52	0.00	3489.65
MW - 18	11/18/15	3510.17	-	20.22	0.00	3489.95
MW - 18	01/08/16	3510.17	-	20.08	0.00	3490.09
MW - 18	02/23/16	3510.17	-	20.02	0.00	3490.15
MW - 18	04/08/16	3510.17	-	19.94	0.00	3490.23
MW - 18	06/06/16	3510.17	-	19.96	0.00	3490.21
MW - 18	06/28/16	3510.17	-	20.16	0.00	3490.01
MW - 18	07/27/16	3510.17	-	20.47	0.00	3489.70
MW - 18	08/03/16	3510.17	-	20.52	0.00	3489.65
MW - 18	09/27/16	3510.17	-	19.43	0.00	3490.74
MW - 18	10/21/16	3510.17	-	19.45	0.00	3490.72
MW - 18	11/08/16	3510.17	-	19.50	0.00	3490.67
MW - 18	01/26/17	3510.17	-	19.58	0.00	3490.59
MW - 18	02/28/17	3510.17	-	19.58	0.00	3490.59
MW - 18	03/15/17	3510.17	-	19.55	0.00	3490.62
MW - 18	05/23/17	3510.17	-	19.55	0.00	3490.62
MW - 18	07/20/17	3510.17	-	20.06	0.00	3490.11
MW - 18	08/16/17	3510.17	-	20.00	0.00	3490.17
MW - 18	09/13/17	3510.17	-	19.81	0.00	3490.36
MW - 18	10/12/17	3510.17	-	19.76	0.00	3490.41
MW - 18	11/14/17	3510.17	-	19.67	0.00	3490.50
MW - 18	12/20/17	3510.17	-	19.62	0.00	3490.55
MW - 18	01/09/18	3510.17	-	19.60	0.00	3490.57
MW - 18	02/07/18	3510.17	-	19.61	0.00	3490.56
MW - 18	03/29/18	3510.17	-	19.54	0.00	3490.63
MW - 18	04/16/18	3510.17	-	19.52	0.00	3490.65
MW - 18	05/21/18	3510.17	-	19.70	0.00	3490.47
MW - 18	06/18/18	3510.17	-	19.98	0.00	3490.19
MW - 18	07/11/18	3510.17	-	20.14	0.00	3490.03
MW - 18	08/08/18	3510.17	-	20.31	0.00	3489.86
MW - 18	09/12/18	3510.17	-	20.42	0.00	3489.75
MW - 18	11/13/18	3510.17	-	20.13	0.00	3490.04
MW - 18	01/09/19	3510.17	-	19.96	0.00	3490.21
MW - 18	02/13/19	3510.17	-	19.92	0.00	3490.25
MW - 18	03/12/19	3510.17	-	19.85	0.00	3490.32
MW - 18	04/01/19	3510.17	-	19.83	0.00	3490.34

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 18	05/07/19	3510.17	-	19.74	0.00	3490.43
MW - 18	06/14/19	3510.17	-	19.94	0.00	3490.23
MW - 18	07/11/19	3510.17	-	20.24	0.00	3489.93
MW - 18	08/07/19	3510.17	-	20.39	0.00	3489.78
MW - 18	09/12/19	3510.17	-	20.55	0.00	3489.62
MW - 18	10/15/19	3510.17	-	20.41	0.00	3489.76
MW - 18	11/06/19	3510.17	-	20.32	0.00	3489.85
MW - 18	12/17/19	3510.17	-	20.12	0.00	3490.05
MW - 18	01/06/20	3510.17	-	20.08	0.00	3490.09
MW - 18	03/04/20	3510.17	-	19.99	0.00	3490.18
MW - 18	05/14/20	3510.17	-	19.77	0.00	3490.40
MW - 18	06/17/20	3510.17	-	20.16	0.00	3490.01
MW - 18	07/21/20	3510.17	-	20.45	0.00	3489.72
MW - 18	08/12/20	3510.17	-	20.57	0.00	3489.60
MW - 18	09/14/20	3510.17	-	20.68	0.00	3489.49
MW - 18	12/09/20	3510.17	-	20.82	0.00	3489.35
MW - 18	01/13/21	3510.17	-	20.80	0.00	3489.37
MW - 18	02/10/21	3510.17	-	20.74	0.00	3489.43
MW - 18	04/21/21	3510.17	-	20.65	0.00	3489.52
MW - 18	06/09/21	3510.17	-	20.68	0.00	3489.49
MW - 18	09/22/21	3510.17	-	20.90	0.00	3489.27
MW - 18	10/14/21	3510.17	-	20.94	0.00	3489.23
MW - 18	12/06/21	3510.17	-	21.01	0.00	3489.16
MW - 19	06/20/02	3507.28	19.75	20.03	0.28	3487.49
MW - 19	09/26/02	3507.28	19.97	20.00	0.03	3487.31
MW - 19	11/12/02	3507.28	20.04	21.02	0.98	3487.09
MW - 19	01/07/03	3507.28	19.71	21.30	1.59	3487.33
MW - 19	01/27/03	3507.28	19.68	20.15	0.47	3487.53
MW - 19	02/26/03	3507.28	19.70	20.06	0.36	3487.53
MW - 19	03/11/03	3507.28	19.78	20.23	0.45	3487.43
MW - 19	03/19/03	3507.28	19.76	20.21	0.45	3487.45
MW - 19	03/25/03	3507.28	19.67	20.30	0.63	3487.52
MW - 19	04/16/03	3507.28	19.62	20.35	0.73	3487.55
MW - 19	04/23/03	3507.28	19.80	20.52	0.72	3487.37
MW - 19	04/29/03	3507.28	19.59	20.47	0.88	3487.56
MW - 19	05/14/03	3507.28	19.70	20.62	0.92	3487.44
MW - 19	05/20/03	3507.28	19.84	20.80	0.96	3487.30
MW - 19	05/27/03	3507.28	19.87	20.84	0.97	3487.26
MW - 19	06/04/03	3507.28	19.85	20.45	0.60	3487.34
MW - 19	07/07/03	3507.28	20.29	20.73	0.44	3486.92
MW - 19	07/30/03	3507.28	20.40	20.51	0.11	3486.86
MW - 19	08/06/03	3507.28	20.66	20.94	0.28	3486.58
MW - 19	08/21/03	3507.28	20.82	21.03	0.21	3486.43
MW - 19	09/08/03	3507.28	20.80	21.00	0.20	3486.45
MW - 19	09/15/03	3507.28	20.81	20.99	0.18	3486.44
MW - 19	09/24/03	3507.28	21.14	21.38	0.24	3486.10
MW - 19	10/02/03	3507.28	20.90	21.13	0.23	3486.35
MW - 19	10/08/03	3507.28	20.79	21.08	0.29	3486.45
MW - 19	10/16/03	3507.28	21.12	21.33	0.21	3486.13
MW - 19	10/28/03	3507.28	21.18	21.43	0.25	3486.06
MW - 19	11/11/03	3507.28	21.23	21.24	0.01	3486.05
MW - 19	11/18/03	3507.28	20.97	21.19	0.22	3486.28
MW - 19	12/10/03	3507.28	20.80	21.08	0.28	3486.44

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 19	02/02/04	3507.28	21.17	21.31	0.14	3486.09
MW - 19	02/26/04	3507.28	20.75	21.00	0.25	3486.49
MW - 19	03/16/04	3507.28	20.95	21.30	0.35	3486.28
MW - 19	03/19/04	3507.28	20.91	21.31	0.40	3486.31
MW - 19	03/25/04	3507.28	20.90	21.31	0.41	3486.32
MW - 19	04/01/04	3507.28	20.84	21.32	0.48	3486.37
MW - 19	04/08/04	3507.28	20.80	21.27	0.47	3486.41
MW - 19	04/14/04	3507.28	20.11	21.03	0.92	3487.03
MW - 19	04/16/04	3507.28	20.24	21.11	0.87	3486.91
MW - 19	04/22/04	3507.28	19.38	20.32	0.94	3487.76
MW - 19	04/29/04	3507.28	19.34	20.44	1.10	3487.78
MW - 19	05/11/04	3507.28	19.30	20.52	1.22	3487.80
MW - 19	06/08/04	3507.28	19.38	20.94	1.56	3487.67
MW - 19	06/17/04	3507.28	19.35	20.91	1.56	3487.70
MW - 19	06/22/04	3507.28	19.38	20.94	1.56	3487.67
MW - 19	06/29/04	3507.28	18.33	20.99	2.66	3488.55
MW - 19	07/06/04	3507.28	19.38	21.19	1.81	3487.63
MW - 19	07/20/04	3507.28	19.50	19.51	0.01	3487.78
MW - 19	08/04/04	3507.28	19.51	19.52	0.01	3487.77
MW - 19	08/16/04	3507.28	19.67	19.70	0.03	3487.61
MW - 19	08/23/04	3507.28	19.64	21.36	1.72	3487.38
MW - 19	08/25/04	3507.28	19.68	21.10	1.42	3487.39
MW - 19	08/26/04	3507.28	19.65	21.05	1.40	3487.42
MW - 19	08/31/04	3507.28	19.72	21.20	1.48	3487.34
MW - 19	09/13/04	3507.28	19.81	20.99	1.18	3487.29
MW - 19	09/20/04	3507.28	19.89	20.95	1.06	3487.23
MW - 19	09/30/04	3507.28	19.94	20.89	0.95	3487.20
MW - 19	10/04/04	3507.28	19.39	20.95	1.56	3487.66
MW - 19	10/11/04	3507.28	19.01	21.17	2.16	3487.95
MW - 19	10/18/04	3507.28	18.73	19.99	1.26	3488.36
MW - 19	10/26/04	3507.28	18.91	20.14	1.23	3488.19
MW - 19	11/02/04	3507.28	18.95	19.70	0.75	3488.22
MW - 19	11/08/04	3507.28	18.80	19.97	1.17	3488.30
MW - 19	11/15/04	3507.28	sheen	19.40	0.00	3487.88
MW - 19	12/01/04	3507.28	sheen	19.20	0.00	3488.08
MW - 19	12/02/04	3507.28	19.16	19.18	0.02	3488.12
MW - 19	12/14/04	3507.28	sheen	19.18	0.00	3488.10
MW - 19	12/21/04	3507.28	18.98	19.34	0.36	3488.25
MW - 19	12/29/04	3507.28	19.01	19.24	0.23	3488.24
MW - 19	01/11/05	3507.28	18.76	19.40	0.64	3488.42
MW - 19	01/14/05	3507.28	18.82	19.67	0.85	3488.33
MW - 19	01/18/05	3507.28	18.74	19.81	1.07	3488.38
MW - 19	01/21/05	3507.28	18.72	19.43	0.71	3488.45
MW - 19	01/25/05	3507.28	18.69	19.60	0.91	3488.45
MW - 19	01/28/05	3507.28	18.90	19.39	0.49	3488.31
MW - 19	02/02/05	3507.28	18.67	19.55	0.88	3488.48
MW - 19	02/05/05	3507.28	18.90	19.14	0.24	3488.34
MW - 19	02/08/05	3507.28	18.65	19.45	0.80	3488.51
MW - 19	02/11/05	3507.28	18.67	19.21	0.54	3488.53
MW - 19	02/15/05	3507.28	18.61	19.25	0.64	3488.57
MW - 19	02/18/05	3507.28	18.80	19.20	0.40	3488.42
MW - 19	02/22/05	3507.28	18.59	19.19	0.60	3488.60
MW - 19	02/25/05	3507.28	18.59	19.09	0.50	3488.62
MW - 19	03/01/05	3507.28	18.55	19.12	0.57	3488.64

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 19	03/04/05	3507.28	18.57	19.03	0.46	3488.64
MW - 19	03/08/05	3507.28	18.51	19.04	0.53	3488.69
MW - 19	03/08/05	3507.28	18.51	19.04	0.53	3488.69
MW - 19	03/11/05	3507.28	18.56	19.05	0.49	3488.65
MW - 19	03/15/05	3507.28	18.49	19.02	0.53	3488.71
MW - 19	03/18/05	3507.28	18.52	19.00	0.48	3488.69
MW - 19	03/22/05	3507.28	18.44	19.02	0.58	3488.75
MW - 19	03/28/05	3507.28	18.40	18.82	0.42	3488.82
MW - 19	04/01/05	3507.28	18.43	18.91	0.48	3488.78
MW - 19	04/05/05	3507.28	17.37	17.98	0.61	3489.82
MW - 19	04/08/05	3507.28	17.39	17.80	0.41	3489.83
MW - 19	04/15/05	3507.28	18.31	18.75	0.44	3488.90
MW - 19	05/25/05	3507.28	18.14	18.56	0.42	3489.08
MW - 19	05/27/05	3507.28	18.20	18.53	0.33	3489.03
MW - 19	05/31/05	3507.28	18.15	18.20	0.05	3489.12
MW - 19	06/03/05	3507.28	sheen	18.15	0.00	3489.13
MW - 19	06/06/05	3507.28	sheen	18.14	0.00	3489.14
MW - 19	06/08/05	3507.28	-	18.12	0.00	3489.16
MW - 19	06/13/05	3507.28	sheen	18.10	0.00	3489.18
MW - 19	06/20/05	3507.28	sheen	18.14	0.00	3489.14
MW - 19	06/24/05	3507.28	18.06	18.11	0.05	3489.21
MW - 19	06/27/05	3507.28	18.11	18.13	0.02	3489.17
MW - 19	07/11/05	3507.28	18.18	18.25	0.07	3489.09
MW - 19	07/15/05	3507.28	18.25	18.35	0.10	3489.02
MW - 19	07/18/05	3507.28	18.27	18.37	0.10	3489.00
MW - 19	07/21/05	3507.28	18.24	18.39	0.15	3489.02
MW - 19	07/25/05	3507.28	18.33	18.60	0.27	3488.91
MW - 19	08/01/05	3507.28	18.33	18.73	0.40	3488.89
MW - 19	08/04/05	3507.28	18.45	18.60	0.15	3488.81
MW - 19	08/12/05	3507.28	18.40	18.92	0.52	3488.80
MW - 19	08/15/05	3507.28	18.51	18.89	0.38	3488.71
MW - 19	08/23/05	3507.28	18.27	18.53	0.26	3488.97
MW - 19	08/30/05	3507.28	18.29	18.41	0.12	3488.97
MW - 19	09/06/05	3507.28	18.20	18.33	0.13	3489.06
MW - 19	09/13/05	3507.28	18.23	18.31	0.08	3489.04
MW - 19	09/15/05	3507.28	18.20	18.30	0.10	3489.07
MW - 19	09/19/05	3507.28	18.16	18.35	0.19	3489.09
MW - 19	09/27/05	3507.28	18.17	18.25	0.08	3489.10
MW - 19	10/03/05	3507.28	18.17	18.33	0.16	3489.09
MW - 19	10/08/05	3507.28	18.03	18.07	0.04	3489.24
MW - 19	10/10/05	3507.28	18.20	18.40	0.20	3489.05
MW - 19	10/17/05	3507.28	18.17	18.25	0.08	3489.10
MW - 19	10/24/05	3507.28	18.10	18.30	0.20	3489.15
MW - 19	10/31/05	3507.28	18.02	18.22	0.20	3489.23
MW - 19	11/15/05	3507.28	18.12	18.32	0.20	3489.13
MW - 19	11/22/05	3507.28	18.05	18.25	0.20	3489.20
MW - 19	11/27/05	3507.28	18.04	18.23	0.19	3489.21
MW - 19	12/07/05	3507.28	18.08	18.18	0.10	3489.19
MW - 19	12/12/05	3507.28	18.03	18.21	0.18	3489.22
MW - 19	12/16/05	3507.28	18.11	18.21	0.10	3489.16
MW - 19	12/22/05	3507.28	18.06	18.24	0.18	3489.19
MW - 19	12/27/05	3507.28	18.01	18.25	0.24	3489.23
MW - 19	01/03/06	3507.28	18.05	18.23	0.18	3489.20
MW - 19	01/09/06	3507.28	18.07	18.20	0.13	3489.19

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 19	01/16/06	3507.28	18.01	18.23	0.22	3489.24
MW - 19	01/23/06	3507.28	18.03	18.20	0.17	3489.22
MW - 19	01/30/06	3507.28	18.01	18.21	0.20	3489.24
MW - 19	02/06/06	3507.28	18.01	18.30	0.29	3489.23
MW - 19	02/14/06	3507.28	18.00	18.23	0.23	3489.25
MW - 19	02/21/06	3507.28	18.00	18.15	0.15	3489.26
MW - 19	03/01/06	3507.28	17.99	18.20	0.21	3489.26
MW - 19	03/06/06	3507.28	18.02	18.18	0.16	3489.24
MW - 19	03/16/06	3507.28	18.01	18.13	0.12	3489.25
MW - 19	03/17/06	3507.28	18.02	18.13	0.11	3489.24
MW - 19	03/21/06	3507.28	18.03	18.15	0.12	3489.23
MW - 19	03/28/06	3507.28	18.07	18.14	0.07	3489.20
MW - 19	04/03/06	3507.28	17.96	18.02	0.06	3489.31
MW - 19	04/17/06	3507.28	17.94	17.98	0.04	3489.33
MW - 19	05/01/06	3507.28	17.92	18.00	0.08	3489.35
MW - 19	05/08/06	3507.28	17.94	18.06	0.12	3489.32
MW - 19	05/15/06	3507.28	18.00	18.19	0.19	3489.25
MW - 19	05/30/06	3507.28	18.23	18.34	0.11	3489.03
MW - 19	06/05/06	3507.28	18.25	18.35	0.10	3489.02
MW - 19	06/12/06	3507.28	18.34	18.76	0.42	3488.88
MW - 19	06/15/06	3507.28	18.39	18.68	0.29	3488.85
MW - 19	06/19/06	3507.28	18.45	18.78	0.33	3488.78
MW - 19	07/03/06	3507.28	18.56	18.88	0.32	3488.67
MW - 19	07/10/06	3507.28	18.56	18.89	0.33	3488.67
MW - 19	07/17/06	3507.28	18.46	18.63	0.17	3488.79
MW - 19	07/26/06	3507.28	18.51	18.80	0.29	3488.73
MW - 19	07/31/06	3507.28	18.55	18.93	0.38	3488.67
MW - 19	08/07/06	3507.28	18.59	18.87	0.28	3488.65
MW - 19	08/17/06	3507.28	18.62	18.91	0.29	3488.62
MW - 19	08/21/06	3507.28	18.48	18.72	0.24	3488.76
MW - 19	09/06/06	3507.28	18.25	19.38	1.13	3488.86
MW - 19	09/11/06	3507.28	18.22	18.33	0.11	3489.04
MW - 19	09/18/06	3507.28	18.19	18.26	0.07	3489.08
MW - 19	09/25/06	3507.28	18.21	18.31	0.10	3489.06
MW - 19	10/02/06	3507.28	18.18	18.29	0.11	3489.08
MW - 19	10/09/06	3507.28	18.23	18.35	0.12	3489.03
MW - 19	10/17/06	3507.28	18.20	18.35	0.15	3489.06
MW - 19	10/23/06	3507.28	18.20	18.30	0.10	3489.07
MW - 19	10/30/06	3507.28	18.19	19.26	1.07	3488.93
MW - 19	11/06/06	3507.28	18.17	19.20	1.03	3488.96
MW - 19	11/13/06	3507.28	18.36	19.12	0.76	3488.81
MW - 19	11/20/06	3507.28	18.17	18.43	0.26	3489.07
MW - 19	11/27/06	3507.28	18.35	19.10	0.75	3488.82
MW - 19	11/30/06	3507.28	18.14	18.26	0.12	3489.12
MW - 19	12/04/06	3507.28	18.19	18.36	0.17	3489.06
MW - 19	12/12/06	3507.28	18.19	18.24	0.05	3489.08
MW - 19	12/18/06	3507.28	18.20	18.39	0.19	3489.05
MW - 19	01/02/07	3507.28	18.13	18.22	0.09	3489.14
MW - 19	01/11/07	3507.28	18.09	18.17	0.08	3489.18
MW - 19	01/18/07	3507.28	18.06	18.26	0.20	3489.19
MW - 19	01/22/07	3507.28	18.09	18.17	0.08	3489.18
MW - 19	02/05/07	3507.28	18.11	18.24	0.13	3489.15
MW - 19	02/12/07	3507.28	18.01	18.15	0.14	3489.25
MW - 19	02/19/07	3507.28	18.01	18.10	0.09	3489.26

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 19	02/27/07	3507.28	18.06	18.18	0.12	3489.20
MW - 19	03/05/07	3507.28	18.05	18.18	0.13	3489.21
MW - 19	03/12/07	3507.28	18.04	18.10	0.06	3489.23
MW - 19	03/19/07	3507.28	18.01	18.22	0.21	3489.24
MW - 19	04/02/07	3507.28	17.98	18.16	0.18	3489.27
MW - 19	04/09/07	3507.28	17.93	18.09	0.16	3489.33
MW - 19	05/01/07	3507.28	17.98	18.11	0.13	3489.28
MW - 19	05/12/07	3507.28	18.00	18.09	0.09	3489.27
MW - 19	05/17/07	3507.28	17.84	17.92	0.08	3489.43
MW - 19	05/21/07	3507.28	17.82	17.92	0.10	3489.45
MW - 19	05/22/07	3507.28	17.82	17.96	0.14	3489.44
MW - 19	06/01/07	3507.28	17.83	17.87	0.04	3489.44
MW - 19	06/06/07	3507.28	17.81	17.88	0.07	3489.46
MW - 19	06/11/07	3507.28	17.86	18.14	0.28	3489.38
MW - 19	06/19/07	3507.28	17.94	18.01	0.07	3489.33
MW - 19	06/25/07	3507.28	17.98	18.07	0.09	3489.29
MW - 19	07/03/07	3507.28	18.08	18.34	0.26	3489.16
MW - 19	07/18/07	3507.28	18.30	18.34	0.04	3488.97
MW - 19	07/23/07	3507.28	18.34	18.50	0.16	3488.92
MW - 19	07/31/07	3507.28	18.43	18.87	0.44	3488.78
MW - 19	08/14/07	3507.28	18.47	18.72	0.25	3488.77
MW - 19	08/15/07	3507.28	18.48	18.71	0.23	3488.77
MW - 19	08/25/07	3507.28	18.54	18.76	0.22	3488.71
MW - 19	09/05/07	3507.28	18.61	18.84	0.23	3488.64
MW - 19	09/10/07	3507.28	18.57	18.76	0.19	3488.68
MW - 19	09/17/07	3507.28	18.51	18.69	0.18	3488.74
MW - 19	09/24/07	3507.28	18.32	18.36	0.04	3488.95
MW - 19	11/05/07	3507.28	18.28	18.34	0.06	3488.99
MW - 19	11/06/07	3507.28	18.33	18.49	0.16	3488.93
MW - 19	11/12/07	3507.28	18.29	18.42	0.13	3488.97
MW - 19	11/19/07	3507.28	18.28	18.33	0.05	3488.99
MW - 19	11/30/07	3507.28	18.27	18.45	0.18	3488.98
MW - 19	12/03/07	3507.28	18.28	18.40	0.12	3488.98
MW - 19	12/14/07	3507.28	18.24	18.36	0.12	3489.02
MW - 19	12/17/07	3507.28	17.25	17.35	0.10	3490.02
MW - 19	01/09/08	3507.28	18.21	18.39	0.18	3489.04
MW - 19	01/16/08	3507.28	18.18	18.42	0.24	3489.06
MW - 19	01/30/08	3507.28	18.15	18.25	0.10	3489.12
MW - 19	02/08/08	3507.28	18.18	18.41	0.23	3489.07
MW - 19	02/12/08	3507.28	18.18	18.41	0.23	3489.07
MW - 19	02/14/08	3507.28	18.15	18.34	0.19	3489.10
MW - 19	02/20/08	3507.28	18.13	18.27	0.14	3489.13
MW - 19	02/28/08	3507.28	18.13	18.28	0.15	3489.13
MW - 19	03/05/08	3507.28	18.15	18.41	0.26	3489.09
MW - 19	03/13/08	3507.28	18.13	18.31	0.18	3489.12
MW - 19	03/19/08	3507.28	18.16	18.36	0.20	3489.09
MW - 19	03/24/08	3507.28	18.12	18.24	0.12	3489.14
MW - 19	04/02/08	3507.28	18.11	18.22	0.11	3489.15
MW - 19	04/07/08	3507.28	18.11	18.12	0.01	3489.17
MW - 19	04/14/08	3507.28	18.11	18.12	0.01	3489.17
MW - 19	04/23/08	3507.28	18.09	18.18	0.09	3489.18
MW - 19	05/07/08	3507.28	18.12	18.26	0.14	3489.14
MW - 19	05/13/08	3507.28	18.12	18.21	0.09	3489.15
MW - 19	05/14/08	3507.28	18.11	18.21	0.10	3489.16

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 19	05/19/08	3507.28	18.06	18.09	0.03	3489.22
MW - 19	06/09/08	3507.28	18.38	18.62	0.24	3488.86
MW - 19	06/16/08	3507.28	18.14	18.17	0.03	3489.14
MW - 19	06/23/08	3507.28	18.58	18.81	0.23	3488.67
MW - 19	06/30/08	3507.28	18.66	18.88	0.22	3488.59
MW - 19	07/14/08	3507.28	18.69	18.86	0.17	3488.56
MW - 19	07/22/08	3507.28	18.75	18.77	0.02	3488.53
MW - 19	07/29/08	3507.28	18.76	18.92	0.16	3488.50
MW - 19	08/04/08	3507.28	18.81	18.98	0.17	3488.44
MW - 19	08/11/08	3507.28	18.84	18.87	0.03	3488.44
MW - 19	08/14/08	3507.28	18.87	19.02	0.15	3488.39
MW - 19	08/18/08	3507.28	18.87	18.98	0.11	3488.39
MW - 19	08/28/08	3507.28	18.82	18.91	0.09	3488.45
MW - 19	09/17/08	3507.28	18.60	18.65	0.05	3488.67
MW - 19	09/29/08	3507.28	18.55	18.59	0.04	3488.72
MW - 19	10/06/08	3507.28	18.58	18.66	0.08	3488.69
MW - 19	10/13/08	3507.28	18.59	18.70	0.11	3488.67
MW - 19	10/20/08	3507.28	18.53	18.59	0.06	3488.74
MW - 19	10/29/08	3507.28	18.46	18.51	0.05	3488.81
MW - 19	10/30/08	3507.28	18.49	18.50	0.01	3488.79
MW - 19	11/06/08	3507.28	18.48	18.51	0.03	3488.80
MW - 19	11/12/08	3507.28	18.43	18.48	0.05	3488.84
MW - 19	11/13/08	3507.28	18.43	18.48	0.05	3488.84
MW - 19	12/16/08	3507.28	18.37	18.39	0.02	3488.91
MW - 19	12/19/08	3507.28	18.39	18.42	0.03	3488.89
MW - 19	12/22/08	3507.28	18.35	18.49	0.14	3488.91
MW - 19	01/06/09	3507.28	18.36	18.41	0.05	3488.91
MW - 19	01/12/09	3507.28	18.49	18.59	0.10	3488.78
MW - 19	01/22/09	3507.28	18.32	18.38	0.06	3488.95
MW - 19	01/26/09	3507.28	18.32	18.41	0.09	3488.95
MW - 19	02/10/09	3507.28	18.29	18.34	0.05	3488.98
MW - 19	02/13/09	3507.28	18.13	18.65	0.52	3489.07
MW - 19	02/16/09	3507.28	18.17	18.64	0.47	3489.04
MW - 19	02/24/09	3507.28	18.19	18.63	0.44	3489.02
MW - 19	03/02/09	3507.28	18.29	18.49	0.20	3488.96
MW - 19	03/05/09	3507.28	18.30	18.42	0.12	3488.96
MW - 19	03/09/09	3507.28	18.27	18.33	0.06	3489.00
MW - 19	03/16/09	3507.28	18.29	18.35	0.06	3488.98
MW - 19	03/19/09	3507.28	18.33	18.49	0.16	3488.93
MW - 19	03/25/09	3507.28	18.33	18.47	0.14	3488.93
MW - 19	03/30/09	3507.28	18.33	18.45	0.12	3488.93
MW - 19	04/13/09	3507.28	18.24	18.30	0.06	3489.03
MW - 19	04/16/09	3507.28	19.32	19.43	0.11	3487.94
MW - 19	04/21/09	3507.28	19.33	19.40	0.07	3487.94
MW - 19	04/27/09	3507.28	18.24	18.30	0.06	3489.03
MW - 19	04/30/09	3507.28	19.34	19.45	0.11	3487.92
MW - 19	05/06/09	3507.28	19.35	19.40	0.05	3487.92
MW - 19	05/12/09	3507.28	18.02	18.29	0.27	3489.22
MW - 19	05/19/09	3507.28	18.31	18.42	0.11	3488.95
MW - 19	05/26/09	3507.28	18.38	18.42	0.04	3488.89
MW - 19	06/01/09	3507.28	18.44	18.52	0.08	3488.83
MW - 19	06/05/09	3507.28	18.47	18.49	0.02	3488.81
MW - 19	06/12/09	3507.28	18.51	18.61	0.10	3488.76
MW - 19	06/22/09	3507.28	18.60	18.73	0.13	3488.66

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 19	06/24/09	3507.28	18.60	18.70	0.10	3488.67
MW - 19	06/29/09	3507.28	18.64	18.87	0.23	3488.61
MW - 19	07/06/09	3507.28	18.74	18.81	0.07	3488.53
MW - 19	07/09/09	3507.28	18.33	18.44	0.11	3488.93
MW - 19	07/13/09	3507.28	18.34	18.42	0.08	3488.93
MW - 19	07/20/09	3507.28	18.36	18.42	0.06	3488.91
MW - 19	07/23/09	3507.28	18.91	19.02	0.11	3488.35
MW - 19	07/27/09	3507.28	18.90	19.04	0.14	3488.36
MW - 19	07/29/09	3507.28	18.81	18.89	0.08	3488.46
MW - 19	08/03/09	3507.28	18.79	18.90	0.11	3488.47
MW - 19	08/10/09	3507.28	18.85	18.96	0.11	3488.41
MW - 19	08/10/09	3507.28	18.85	18.96	0.11	3488.41
MW - 19	08/18/09	3507.28	18.90	19.00	0.10	3488.37
MW - 19	08/24/09	3507.28	18.92	19.04	0.12	3488.34
MW - 19	08/28/09	3507.28	18.94	19.04	0.10	3488.33
MW - 19	08/31/09	3507.28	19.00	19.14	0.14	3488.26
MW - 19	09/02/09	3507.28	18.97	19.09	0.12	3488.29
MW - 19	09/08/09	3507.28	19.01	19.11	0.10	3488.26
MW - 19	09/10/09	3507.28	19.01	19.23	0.22	3488.24
MW - 19	09/16/09	3507.28	19.02	19.11	0.09	3488.25
MW - 19	09/18/09	3507.28	19.01	19.29	0.28	3488.23
MW - 19	09/22/09	3507.28	19.08	19.25	0.17	3488.17
MW - 19	09/28/09	3507.28	18.95	19.03	0.08	3488.32
MW - 19	10/09/09	3507.28	19.07	19.23	0.16	3488.19
MW - 19	10/12/09	3507.28	18.34	18.43	0.09	3488.93
MW - 19	10/15/09	3507.28	19.12	19.25	0.13	3488.14
MW - 19	10/20/09	3507.28	-	19.21	0.00	3488.07
MW - 19	10/26/09	3507.28	18.33	18.44	0.11	3488.93
MW - 19	10/28/09	3507.28	-	19.18	0.00	3488.10
MW - 19	11/03/09	3507.28	-	19.14	0.00	3488.14
MW - 19	11/12/09	3507.28	-	19.05	0.00	3488.23
MW - 19	11/18/09	3507.28	-	19.14	0.00	3488.14
MW - 19	12/03/09	3507.28	sheen	19.10	0.00	3488.18
MW - 19	12/11/09	3507.28	sheen	19.11	0.00	3488.17
MW - 19	12/16/09	3507.28	sheen	19.00	0.00	3488.28
MW - 19	12/21/09	3507.28	sheen	19.13	0.00	3488.15
MW - 19	12/28/09	3507.28	sheen	19.06	0.00	3488.22
MW - 19	01/04/10	3507.28	sheen	19.09	0.00	3488.19
MW - 19	01/14/10	3507.28	sheen	19.07	0.00	3488.21
MW - 19	01/20/10	3507.28	sheen	18.98	0.00	3488.30
MW - 19	01/25/10	3507.28	sheen	18.98	0.00	3488.30
MW - 19	01/27/10	3507.28	sheen	18.98	0.00	3488.30
MW - 19	02/01/10	3507.28	sheen	0.00	0.00	3507.28
MW - 19	02/08/10	3507.28	sheen	19.09	0.00	3488.19
MW - 19	02/09/10	3507.28	sheen	19.05	0.00	3488.23
MW - 19	02/19/10	3507.28	-	18.92	0.00	3488.36
MW - 19	02/26/10	3507.28	sheen	18.92	0.00	3488.36
MW - 19	03/01/10	3507.28	sheen	18.97	0.00	3488.31
MW - 19	03/04/10	3507.28	sheen	18.88	0.00	3488.40
MW - 19	03/08/10	3507.28	sheen	18.90	0.00	3488.38
MW - 19	03/11/10	3507.28	sheen	18.79	0.00	3488.49
MW - 19	03/15/10	3507.28	sheen	18.86	0.00	3488.42
MW - 19	03/17/10	3507.28	sheen	18.78	0.00	3488.50
MW - 19	03/22/10	3507.28	sheen	18.73	0.00	3488.55

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 19	03/29/10	3507.28	sheen	18.68	0.00	3488.60
MW - 19	04/05/10	3507.28	sheen	18.74	0.00	3488.54
MW - 19	04/14/10	3507.28	sheen	18.71	0.00	3488.57
MW - 19	04/16/10	3507.28	sheen	18.64	0.00	3488.64
MW - 19	04/19/10	3507.28	sheen	18.72	0.00	3488.56
MW - 19	04/28/10	3507.28	sheen	18.62	0.00	3488.66
MW - 19	05/05/10	3507.28	sheen	18.59	0.00	3488.69
MW - 19	05/12/10	3507.28	sheen	18.67	0.00	3488.61
MW - 19	05/14/10	3507.28	sheen	18.68	0.00	3488.60
MW - 19	05/21/10	3507.28	sheen	18.68	0.00	3488.60
MW - 19	05/26/10	3507.28	sheen	18.61	0.00	3488.67
MW - 19	06/04/10	3507.28	sheen	18.66	0.00	3488.62
MW - 19	06/07/10	3507.28	sheen	18.75	0.00	3488.53
MW - 19	06/12/10	3507.28	sheen	18.80	0.00	3488.48
MW - 19	06/24/10	3507.28	sheen	18.93	0.00	3488.35
MW - 19	06/30/10	3507.28	sheen	19.04	0.00	3488.24
MW - 19	07/07/10	3507.28	sheen	18.57	0.00	3488.71
MW - 19	07/12/10	3507.28	sheen	18.32	0.00	3488.96
MW - 19	07/19/10	3507.28	sheen	18.24	0.00	3489.04
MW - 19	08/03/10	3507.28	sheen	18.23	0.00	3489.05
MW - 19	08/11/10	3507.28	sheen	18.24	0.00	3489.04
MW - 19	08/19/10	3507.28	sheen	18.29	0.00	3488.99
MW - 19	08/25/10	3507.28	sheen	18.31	0.00	3488.97
MW - 19	09/01/10	3507.28	sheen	18.34	0.00	3488.94
MW - 19	09/09/10	3507.28	sheen	18.41	0.00	3488.87
MW - 19	09/13/10	3507.28	sheen	18.23	0.00	3489.05
MW - 19	09/29/10	3507.28	sheen	18.50	0.00	3488.78
MW - 19	10/05/10	3507.28	sheen	18.26	0.00	3489.02
MW - 19	10/20/10	3507.28	sheen	18.60	0.00	3488.68
MW - 19	10/25/10	3507.28	sheen	18.62	0.00	3488.66
MW - 19	11/03/10	3507.28	sheen	18.28	0.00	3489.00
MW - 19	11/10/10	3507.28	sheen	18.66	0.00	3488.62
MW - 19	11/12/10	3507.28	sheen	18.66	0.00	3488.62
MW - 19	12/09/10	3507.28	sheen	18.21	0.00	3489.07
MW - 19	01/18/11	3507.28	sheen	18.66	0.00	3488.62
MW - 19	02/16/11	3507.28	sheen	18.67	0.00	3488.61
MW - 19	03/01/11	3507.28	sheen	18.54	0.00	3488.74
MW - 19	03/07/11	3507.28	sheen	18.50	0.00	3488.78
MW - 19	03/22/11	3507.28	sheen	18.66	0.00	3488.62
MW - 19	04/27/11	3507.28	sheen	18.57	0.00	3488.71
MW - 19	05/05/11	3507.28	sheen	18.57	0.00	3488.71
MW - 19	05/10/11	3507.28	sheen	18.50	0.00	3488.78
MW - 19	05/17/11	3507.28	sheen	18.52	0.00	3488.76
MW - 19	05/19/11	3507.28	sheen	18.52	0.00	3488.76
MW - 19	05/24/11	3507.28	sheen	18.73	0.00	3488.55
MW - 19	06/07/11	3507.28	sheen	18.83	0.00	3488.45
MW - 19	06/08/11	3507.28	sheen	17.84	0.00	3489.44
MW - 19	06/14/11	3507.28	sheen	18.80	0.00	3488.48
MW - 19	06/23/11	3507.28	sheen	18.84	0.00	3488.44
MW - 19	06/28/11	3507.28	sheen	19.90	0.00	3487.38
MW - 19	07/06/11	3507.28	sheen	19.03	0.00	3488.25
MW - 19	07/14/11	3507.28	sheen	19.08	0.00	3488.20
MW - 19	07/20/11	3507.28	-	19.24	0.00	3488.04
MW - 19	07/27/11	3507.28	-	19.13	0.00	3488.15

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 19	08/03/11	3507.28	-	19.18	0.00	3488.10
MW - 19	08/10/11	3507.28	-	19.19	0.00	3488.09
MW - 19	08/18/11	3507.28	-	19.23	0.00	3488.05
MW - 19	08/25/11	3507.28	-	19.18	0.00	3488.10
MW - 19	09/07/11	3507.28	-	19.30	0.00	3487.98
MW - 19	09/14/11	3507.28	-	19.33	0.00	3487.95
MW - 19	11/14/11	3507.28	-	19.27	0.00	3488.01
MW - 19	12/01/11	3507.28	-	19.22	0.00	3488.06
MW - 19	12/08/11	3507.28	-	19.21	0.00	3488.07
MW - 19	12/14/11	3507.28	-	19.20	0.00	3488.08
MW - 19	01/12/12	3507.28	-	19.18	0.00	3488.10
MW - 19	01/19/12	3507.28	-	19.09	0.00	3488.19
MW - 19	02/03/12	3507.28	-	19.10	0.00	3488.18
MW - 19	02/29/12	3507.28	-	18.97	0.00	3488.31
MW - 19	03/14/12	3507.28	-	18.94	0.00	3488.34
MW - 19	03/19/12	3507.28	-	18.95	0.00	3488.33
MW - 19	03/29/12	3507.28	-	18.90	0.00	3488.38
MW - 19	04/05/12	3507.28	-	18.88	0.00	3488.40
MW - 19	04/18/12	3507.28	-	18.83	0.00	3488.45
MW - 19	04/27/12	3507.28	-	18.88	0.00	3488.40
MW - 19	05/02/12	3507.28	-	18.92	0.00	3488.36
MW - 19	05/31/12	3507.28	-	18.90	0.00	3488.38
MW - 19	06/08/12	3507.28	-	19.83	0.00	3487.45
MW - 19	06/12/12	3507.28	-	18.97	0.00	3488.31
MW - 19	06/21/12	3507.28	-	18.96	0.00	3488.32
MW - 19	06/29/12	3507.28	-	19.02	0.00	3488.26
MW - 19	07/13/12	3507.28	-	19.19	0.00	3488.09
MW - 19	12/06/12	3507.28	19.26	19.29	0.03	3488.02
MW - 19	12/11/12	3507.28	19.26	19.32	0.06	3488.01
MW - 19	12/18/12	3507.28	19.24	19.31	0.07	3488.03
MW - 19	01/09/13	3507.28	19.20	19.25	0.05	3488.07
MW - 19	01/15/13	3507.28	19.18	19.24	0.06	3488.09
MW - 19	01/23/13	3507.28	19.19	19.23	0.04	3488.08
MW - 19	01/29/13	3507.28	19.16	19.21	0.05	3488.11
MW - 19	02/07/13	3507.28	19.16	19.27	0.11	3488.10
MW - 19	02/13/13	3507.28	19.14	19.18	0.04	3488.13
MW - 19	02/20/13	3507.28	19.00	19.06	0.06	3488.27
MW - 19	03/15/13	3507.28	19.10	19.18	0.08	3488.17
MW - 19	03/19/13	3507.28	-	19.09	0.00	3488.19
MW - 19	04/02/13	3507.28	-	19.06	0.00	3488.22
MW - 19	04/09/13	3507.28	19.04	19.06	0.02	3488.24
MW - 19	04/16/13	3507.28	19.03	19.06	0.03	3488.25
MW - 19	04/23/13	3507.28	19.04	19.05	0.01	3488.24
MW - 19	04/30/13	3507.28	-	19.00	0.00	3488.28
MW - 19	05/08/13	3507.28	19.01	19.03	0.02	3488.27
MW - 19	05/14/13	3507.28	-	18.99	0.00	3488.29
MW - 19	05/22/13	3507.28	-	18.98	0.00	3488.30
MW - 19	05/28/13	3507.28	-	19.01	0.00	3488.27
MW - 19	06/04/13	3507.28	-	19.03	0.00	3488.25
MW - 19	06/11/13	3507.28	-	19.07	0.00	3488.21
MW - 19	06/19/13	3507.28	19.20	19.29	0.09	3488.07
MW - 19	06/28/13	3507.28	19.21	19.29	0.08	3488.06
MW - 19	07/01/13	3507.28	19.26	19.31	0.05	3488.01
MW - 19	07/08/13	3507.28	-	19.33	0.00	3487.95

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 19	07/23/13	3507.28	-	19.38	0.00	3487.90
MW - 19	07/30/13	3507.28	-	19.36	0.00	3487.92
MW - 19	08/05/13	3507.28	-	19.36	0.00	3487.92
MW - 19	08/12/13	3507.28	-	19.34	0.00	3487.94
MW - 19	08/22/13	3507.28	-	19.42	0.00	3487.86
MW - 19	08/29/13	3507.28	-	19.47	0.00	3487.81
MW - 19	09/05/13	3507.28	19.48	19.51	0.03	3487.80
MW - 19	09/10/13	3507.28	19.53	19.59	0.06	3487.74
MW - 19	09/17/13	3507.28	19.55	19.66	0.11	3487.71
MW - 19	09/24/13	3507.28	19.55	19.65	0.10	3487.72
MW - 19	10/07/13	3507.28	19.60	19.74	0.14	3487.66
MW - 19	11/14/13	-	23.05	23.12	0.07	-
MW - 19	11/21/13	-	23.03	23.06	0.03	-
MW - 19	12/12/13	-	22.96	23.00	0.04	-
MW - 19	12/19/13	-	22.95	22.97	0.02	-
MW - 19	01/03/14	-	22.91	22.93	0.02	-
MW - 19	01/09/14	-	22.92	22.93	0.01	-
MW - 19	01/13/14	-	22.93	22.94	0.01	-
MW - 19	01/21/14	-	22.89	22.90	0.01	-
MW - 19	01/24/14	-	22.90	22.93	0.03	-
MW - 19	02/04/14	3511.96	22.87	22.96	0.09	3489.08
MW - 19	02/10/14	3511.96	22.88	22.98	0.10	3489.07
MW - 19	02/27/14	3511.96	22.81	22.88	0.07	3489.14
MW - 19	03/17/14	3511.96	22.77	22.90	0.13	3489.17
MW - 19	03/27/14	3511.96	22.71	22.82	0.11	3489.23
MW - 19	04/02/14	3511.96	22.78	22.83	0.05	3489.17
MW - 19	04/16/14	3511.96	22.71	22.81	0.10	3489.24
MW - 19	04/22/14	3511.96	22.71	22.76	0.05	3489.24
MW - 19	04/28/14	3511.96	22.78	22.79	0.01	3489.18
MW - 19	05/06/14	3511.96	22.69	23.25	0.56	3489.19
MW - 19	05/13/14	3511.96	22.73	23.30	0.57	3489.14
MW - 19	05/14/14	3511.96	22.74	22.96	0.22	3489.19
MW - 19	05/21/14	3511.96	22.71	23.00	0.29	3489.21
MW - 19	06/05/14	3511.96	22.81	22.96	0.15	3489.13
MW - 19	06/11/14	3511.96	22.87	23.21	0.34	3489.04
MW - 19	06/16/14	3511.96	-	22.97	0.00	3488.99
MW - 19	06/24/14	3511.96	-	23.05	0.00	3488.91
MW - 19	07/01/14	3511.96	-	23.11	0.00	3488.85
MW - 19	07/08/14	3511.96	23.18	23.21	0.03	3488.78
MW - 19	07/15/14	3511.96	23.20	23.45	0.25	3488.72
MW - 19	07/22/14	3511.96	23.35	23.36	0.01	3488.61
MW - 19	07/23/14	3511.96	23.35	23.36	0.01	3488.61
MW - 19	07/31/14	3511.96	23.27	23.40	0.13	3488.67
MW - 19	08/05/14	3511.96	23.34	23.36	0.02	3488.62
MW - 19	08/07/14	3511.96	23.29	23.40	0.11	3488.65
MW - 19	08/15/14	3511.96	23.32	23.39	0.07	3488.63
MW - 19	08/20/14	3511.96	23.34	23.44	0.10	3488.61
MW - 19	08/27/14	3511.96	23.37	23.62	0.25	3488.55
MW - 19	09/24/14	3511.96	-	22.62	0.00	3489.34
MW - 19	10/01/14	3511.96	-	22.29	0.00	3489.67
MW - 19	10/07/14	3511.96	-	22.20	0.00	3489.76
MW - 19	10/14/14	3511.96	-	22.19	0.00	3489.77
MW - 19	10/20/14	3511.96	-	22.17	0.00	3489.79
MW - 19	10/27/14	3511.96	-	22.17	0.00	3489.79

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 19	10/28/14	3511.96	-	22.32	0.00	3489.64
MW - 19	11/03/14	3511.96	-	22.20	0.00	3489.76
MW - 19	11/11/14	3511.96	-	22.24	0.00	3489.72
MW - 19	11/19/14	3511.96	-	22.18	0.00	3489.78
MW - 19	12/08/14	3511.96	-	22.19	0.00	3489.77
MW - 19	12/15/14	3511.96	-	22.18	0.00	3489.78
MW - 19	12/18/14	3511.96	-	22.15	0.00	3489.81
MW - 19	12/22/14	3511.96	-	22.15	0.00	3489.81
MW - 19	12/29/14	3511.96	-	22.21	0.00	3489.75
MW - 19	01/05/15	3511.96	-	22.21	0.00	3489.75
MW - 19	01/12/15	3511.96	-	22.22	0.00	3489.74
MW - 19	01/19/15	3511.96	-	22.22	0.00	3489.74
MW - 19	02/04/15	3511.96	-	22.25	0.00	3489.71
MW - 19	02/09/15	3511.96	-	22.25	0.00	3489.71
MW - 19	02/19/15	3511.96	22.19	22.20	0.01	3489.77
MW - 19	03/03/15	3511.96	-	22.20	0.00	3489.76
MW - 19	03/09/15	3511.96	-	22.23	0.00	3489.73
MW - 19	03/16/15	3511.96	-	22.21	0.00	3489.75
MW - 19	03/20/15	3511.96	-	22.22	0.00	3489.74
MW - 19	03/23/15	3511.96	-	22.20	0.00	3489.76
MW - 19	03/30/15	3511.96	-	22.22	0.00	3489.74
MW - 19	04/04/15	3511.96	-	22.20	0.00	3489.76
MW - 19	04/07/15	3511.96	-	22.20	0.00	3489.76
MW - 19	04/14/15	3511.96	-	22.18	0.00	3489.78
MW - 19	04/20/15	3511.96	-	22.14	0.00	3489.82
MW - 19	04/27/15	3511.96	-	22.16	0.00	3489.80
MW - 19	05/07/15	3511.96	-	22.12	0.00	3489.84
MW - 19	05/11/15	3511.96	-	22.13	0.00	3489.83
MW - 19	05/21/15	3511.96	-	22.10	0.00	3489.86
MW - 19	05/27/15	3511.96	-	22.07	0.00	3489.89
MW - 19	05/28/15	3511.96	-	22.06	0.00	3489.90
MW - 19	06/03/15	3511.96	-	22.05	0.00	3489.91
MW - 19	06/08/15	3511.96	-	22.06	0.00	3489.90
MW - 19	06/15/15	3511.96	-	22.06	0.00	3489.90
MW - 19	06/25/15	3511.96	-	22.00	0.00	3489.96
MW - 19	06/29/15	3511.96	-	22.00	0.00	3489.96
MW - 19	07/08/15	3511.96	-	22.07	0.00	3489.89
MW - 19	07/09/15	3511.96	-	22.05	0.00	3489.91
MW - 19	07/14/15	3511.96	-	22.10	0.00	3489.86
MW - 19	07/20/15	3511.96	-	22.16	0.00	3489.80
MW - 19	07/28/15	3511.96	-	22.25	0.00	3489.71
MW - 19	08/03/15	3511.96	-	22.31	0.00	3489.65
MW - 19	08/04/15	3511.96	-	22.32	0.00	3489.64
MW - 19	08/10/15	3511.96	-	22.37	0.00	3489.59
MW - 19	08/17/15	3511.96	-	22.42	0.00	3489.54
MW - 19	08/25/15	3511.96	-	22.48	0.00	3489.48
MW - 19	08/31/15	3511.96	-	22.45	0.00	3489.51
MW - 19	09/08/15	3511.96	-	22.48	0.00	3489.48
MW - 19	09/15/15	3511.96	-	22.49	0.00	3489.47
MW - 19	09/24/15	3511.96	-	22.59	0.00	3489.37
MW - 19	09/28/15	3511.96	-	22.59	0.00	3489.37
MW - 19	10/06/15	3511.96	-	22.57	0.00	3489.39
MW - 19	10/12/15	3511.96	-	22.51	0.00	3489.45
MW - 19	10/26/15	3511.96	-	22.38	0.00	3489.58

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 19	11/06/15	3511.96	-	22.27	0.00	3489.69
MW - 19	11/10/15	3511.96	-	22.21	0.00	3489.75
MW - 19	11/18/15	3511.96	-	22.22	0.00	3489.74
MW - 19	12/02/15	3511.96	-	22.19	0.00	3489.77
MW - 19	12/07/15	3511.96	-	22.17	0.00	3489.79
MW - 19	12/14/15	3511.96	-	22.14	0.00	3489.82
MW - 19	01/05/16	3511.96	-	22.10	0.00	3489.86
MW - 19	01/08/16	3511.96	-	22.13	0.00	3489.83
MW - 19	01/12/16	3511.96	-	22.15	0.00	3489.81
MW - 19	01/18/16	3511.96	-	22.13	0.00	3489.83
MW - 19	01/25/16	3511.96	-	22.10	0.00	3489.86
MW - 19	02/01/16	3511.96	-	22.02	0.00	3489.94
MW - 19	02/08/16	3511.96	-	22.10	0.00	3489.86
MW - 19	02/19/16	3511.96	-	22.04	0.00	3489.92
MW - 19	02/24/16	3511.96	-	22.03	0.00	3489.93
MW - 19	03/03/16	3511.96	-	22.06	0.00	3489.90
MW - 19	03/07/16	3511.96	-	21.99	0.00	3489.97
MW - 19	03/15/16	3511.96	-	21.98	0.00	3489.98
MW - 19	03/21/16	3511.96	-	21.98	0.00	3489.98
MW - 19	03/28/16	3511.96	-	21.99	0.00	3489.97
MW - 19	04/05/16	3511.96	-	21.94	0.00	3490.02
MW - 19	04/08/16	3511.96	-	21.99	0.00	3489.97
MW - 19	04/12/16	3511.96	-	21.99	0.00	3489.97
MW - 19	04/18/16	3511.96	-	21.99	0.00	3489.97
MW - 19	04/25/16	3511.96	-	21.92	0.00	3490.04
MW - 19	05/02/16	3511.96	-	21.93	0.00	3490.03
MW - 19	05/23/16	3511.96	-	21.90	0.00	3490.06
MW - 19	06/01/16	3511.96	-	22.03	0.00	3489.93
MW - 19	06/06/16	3511.96	-	22.00	0.00	3489.96
MW - 19	06/09/16	3511.96	-	21.99	0.00	3489.97
MW - 19	06/28/16	3511.96	-	22.20	0.00	3489.76
MW - 19	07/12/16	3511.96	-	22.39	0.00	3489.57
MW - 19	07/19/16	3511.96	-	22.44	0.00	3489.52
MW - 19	07/27/16	3511.96	-	22.49	0.00	3489.47
MW - 19	08/03/16	3511.96	-	22.57	0.00	3489.39
MW - 19	08/04/16	3511.96	-	22.60	0.00	3489.36
MW - 19	08/08/16	3511.96	-	22.66	0.00	3489.30
MW - 19	08/16/16	3511.96	-	22.67	0.00	3489.29
MW - 19	08/23/16	3511.96	-	22.71	0.00	3489.25
MW - 19	08/31/16	3511.96	-	22.46	0.00	3489.50
MW - 19	09/14/16	3511.96	-	21.76	0.00	3490.20
MW - 19	09/22/16	3511.96	-	21.59	0.00	3490.37
MW - 19	09/27/16	3511.96	-	21.50	0.00	3490.46
MW - 19	10/07/16	3511.96	-	21.44	0.00	3490.52
MW - 19	10/21/16	3511.96	-	21.47	0.00	3490.49
MW - 19	10/28/16	3511.96	-	21.47	0.00	3490.49
MW - 19	11/04/16	3511.96	-	21.54	0.00	3490.42
MW - 19	11/09/16	3511.96	-	21.54	0.00	3490.42
MW - 19	12/06/16	3511.96	-	21.52	0.00	3490.44
MW - 19	12/15/16	3511.96	-	21.59	0.00	3490.37
MW - 19	12/22/16	3511.96	-	21.61	0.00	3490.35
MW - 19	12/29/16	3511.96	-	21.63	0.00	3490.33
MW - 19	01/05/17	3511.96	-	21.55	0.00	3490.41
MW - 19	01/11/17	3511.96	-	21.58	0.00	3490.38

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 19	01/18/17	3511.96	-	21.60	0.00	3490.36
MW - 19	01/26/17	3511.96	-	21.64	0.00	3490.32
MW - 19	01/31/17	3511.96	-	21.58	0.00	3490.38
MW - 19	02/10/17	3511.96	-	21.61	0.00	3490.35
MW - 19	02/17/17	3511.96	-	21.55	0.00	3490.41
MW - 19	02/24/17	3511.96	-	21.56	0.00	3490.40
MW - 19	03/01/17	3511.96	-	21.56	0.00	3490.40
MW - 19	03/09/17	3511.96	-	21.57	0.00	3490.39
MW - 19	03/15/17	3511.96	-	21.56	0.00	3490.40
MW - 19	03/22/17	3511.96	-	21.57	0.00	3490.39
MW - 19	03/29/17	3511.96	-	21.61	0.00	3490.35
MW - 19	04/07/17	3511.96	-	21.59	0.00	3490.37
MW - 19	04/11/17	3511.96	-	21.53	0.00	3490.43
MW - 19	04/20/17	3511.96	-	21.49	0.00	3490.47
MW - 19	05/02/17	3511.96	-	21.48	0.00	3490.48
MW - 19	05/12/17	3511.96	-	21.52	0.00	3490.44
MW - 19	05/16/17	3511.96	-	21.51	0.00	3490.45
MW - 19	05/24/17	3511.96	-	21.58	0.00	3490.38
MW - 19	06/05/17	3511.96	-	21.63	0.00	3490.33
MW - 19	06/15/17	3511.96	-	21.75	0.00	3490.21
MW - 19	06/28/17	3511.96	-	21.86	0.00	3490.10
MW - 19	07/05/17	3511.96	-	21.93	0.00	3490.03
MW - 19	07/11/17	3511.96	-	21.92	0.00	3490.04
MW - 19	07/17/17	3511.96	-	22.01	0.00	3489.95
MW - 19	07/20/17	3511.96	-	22.19	0.00	3489.77
MW - 19	08/16/17	3511.96	-	22.01	0.00	3489.95
MW - 19	09/05/17	3511.96	-	21.81	0.00	3490.15
MW - 19	09/13/17	3511.96	-	21.83	0.00	3490.13
MW - 19	09/19/17	3511.96	-	21.87	0.00	3490.09
MW - 19	09/29/17	3511.96	-	21.90	0.00	3490.06
MW - 19	10/05/17	3511.96	-	21.92	0.00	3490.04
MW - 19	10/12/17	3511.96	-	21.87	0.00	3490.09
MW - 19	10/20/17	3511.96	-	21.75	0.00	3490.21
MW - 19	10/24/17	3511.96	-	21.76	0.00	3490.20
MW - 19	11/02/17	3511.96	-	21.73	0.00	3490.23
MW - 19	11/14/17	3511.96	-	21.72	0.00	3490.24
MW - 19	12/20/17	3511.96	-	22.63	0.00	3489.33
MW - 19	12/28/17	3511.96	-	21.61	0.00	3490.35
MW - 19	01/03/18	3511.96	-	21.62	0.00	3490.34
MW - 19	01/09/18	3511.96	-	21.59	0.00	3490.37
MW - 19	01/19/18	3511.96	-	21.60	0.00	3490.36
MW - 19	01/24/18	3511.96	-	21.62	0.00	3490.34
MW - 19	02/08/18	3511.96	-	21.60	0.00	3490.36
MW - 19	02/12/18	3511.96	-	21.59	0.00	3490.37
MW - 19	02/22/18	3511.96	-	21.58	0.00	3490.38
MW - 19	03/02/18	3511.96	-	21.57	0.00	3490.39
MW - 19	03/07/18	3511.96	-	21.57	0.00	3490.39
MW - 19	03/19/18	3511.96	-	21.59	0.00	3490.37
MW - 19	03/29/18	3511.96	-	21.54	0.00	3490.42
MW - 19	04/02/18	3511.96	-	21.53	0.00	3490.43
MW - 19	04/11/18	3511.96	-	21.54	0.00	3490.42
MW - 19	04/16/18	3511.96	-	21.52	0.00	3490.44
MW - 19	04/25/18	3511.96	-	21.54	0.00	3490.42
MW - 19	05/01/18	3511.96	-	21.54	0.00	3490.42

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 19	05/08/18	3511.96	-	21.55	0.00	3490.41
MW - 19	05/22/18	3511.96	-	21.71	0.00	3490.25
MW - 19	05/31/18	3511.96	-	21.84	0.00	3490.12
MW - 19	06/06/18	3511.96	-	21.91	0.00	3490.05
MW - 19	06/13/18	3511.96	-	21.97	0.00	3489.99
MW - 19	06/18/18	3511.96	-	22.04	0.00	3489.92
MW - 19	06/25/18	3511.96	-	22.05	0.00	3489.91
MW - 19	07/02/18	3511.96	-	21.10	0.00	3490.86
MW - 19	07/11/18	3511.96	-	22.19	0.00	3489.77
MW - 19	07/19/18	3511.96	-	22.22	0.00	3489.74
MW - 19	07/27/18	3511.96	-	21.27	0.00	3490.69
MW - 19	08/08/18	3511.96	-	22.38	0.00	3489.58
MW - 19	08/30/18	3511.96	-	22.44	0.00	3489.52
MW - 19	09/12/18	3511.96	-	22.44	0.00	3489.52
MW - 19	09/20/18	3511.96	-	22.35	0.00	3489.61
MW - 19	09/26/18	3511.96	-	22.33	0.00	3489.63
MW - 19	10/03/18	3511.96	-	22.31	0.00	3489.65
MW - 19	10/19/18	3511.96	-	22.32	0.00	3489.64
MW - 19	10/31/18	3511.96	-	22.20	0.00	3489.76
MW - 19	11/06/18	3511.96	-	22.19	0.00	3489.77
MW - 19	11/13/18	3511.96	-	22.18	0.00	3489.78
MW - 19	12/03/18	3511.96	-	22.07	0.00	3489.89
MW - 19	12/19/18	3511.96	-	22.05	0.00	3489.91
MW - 19	12/27/18	3511.96	-	21.98	0.00	3489.98
MW - 19	01/03/19	3511.96	-	21.99	0.00	3489.97
MW - 19	01/09/19	3511.96	-	21.99	0.00	3489.97
MW - 19	01/16/19	3511.96	-	21.99	0.00	3489.97
MW - 19	01/31/19	3511.96	-	21.98	0.00	3489.98
MW - 19	02/06/19	3511.96	-	21.95	0.00	3490.01
MW - 19	02/13/19	3511.96	-	21.94	0.00	3490.02
MW - 19	02/28/19	3511.96	-	21.91	0.00	3490.05
MW - 19	03/06/19	3511.96	-	21.90	0.00	3490.06
MW - 19	03/12/19	3511.96	-	21.89	0.00	3490.07
MW - 19	03/19/19	3511.96	-	21.87	0.00	3490.09
MW - 19	03/28/19	3511.96	-	21.85	0.00	3490.11
MW - 19	04/01/19	3511.96	-	21.83	0.00	3490.13
MW - 19	04/10/19	3511.96	-	21.80	0.00	3490.16
MW - 19	04/17/19	3511.96	-	21.82	0.00	3490.14
MW - 19	04/24/19	3511.96	-	21.83	0.00	3490.13
MW - 19	05/01/19	3511.96	-	21.80	0.00	3490.16
MW - 19	05/08/19	3511.96	-	21.78	0.00	3490.18
MW - 19	06/14/19	3511.96	-	21.98	0.00	3489.98
MW - 19	06/28/19	3511.96	-	22.15	0.00	3489.81
MW - 19	07/11/19	3511.96	-	22.24	0.00	3489.72
MW - 19	08/08/19	3511.96	-	22.40	0.00	3489.56
MW - 19	09/12/19	3511.96	-	22.59	0.00	3489.37
MW - 19	09/17/19	3511.96	-	22.57	0.00	3489.39
MW - 19	10/08/19	3511.96	-	22.45	0.00	3489.51
MW - 19	10/15/19	3511.96	-	22.37	0.00	3489.59
MW - 19	11/06/19	3511.96	-	22.30	0.00	3489.66
MW - 19	11/13/19	3511.96	-	22.23	0.00	3489.73
MW - 19	12/17/19	3511.96	-	22.11	0.00	3489.85
MW - 19	01/06/20	3511.96	-	22.07	0.00	3489.89
MW - 19	01/23/20	3511.96	-	22.06	0.00	3489.90

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 19	01/29/20	3511.96	-	22.02	0.00	3489.94
MW - 19	02/21/20	3511.96	-	22.02	0.00	3489.94
MW - 19	03/05/20	3511.96	-	22.02	0.00	3489.94
MW - 19	05/14/20	3511.96	-	21.78	0.00	3490.18
MW - 19	05/21/20	3511.96	-	21.82	0.00	3490.14
MW - 19	06/18/20	3511.96	-	22.16	0.00	3489.80
MW - 19	07/01/20	3511.96	-	22.32	0.00	3489.64
MW - 19	07/21/20	3511.96	-	22.48	0.00	3489.48
MW - 19	08/13/20	3511.96	22.59	22.62	0.03	3489.37
MW - 19	09/14/20	3511.96	22.68	22.76	0.08	3489.27
MW - 19	09/30/20	3511.96	22.72	22.73	0.01	3489.24
MW - 19	10/16/20	3511.96	-	22.77	0.00	3489.19
MW - 19	11/23/20	3511.96	-	22.84	0.00	3489.12
MW - 19	12/10/20	3511.96	-	22.85	0.00	3489.11
MW - 19	12/31/20	3511.96	-	22.85	0.00	3489.11
MW - 19	01/13/21	3511.96	-	22.80	0.00	3489.16
MW - 19	01/22/21	3511.96	-	22.80	0.00	3489.16
MW - 19	02/11/21	3511.96	-	22.78	0.00	3489.18
MW - 19	04/21/21	3511.96	-	22.66	0.00	3489.30
MW - 19	04/28/21	3511.96	-	22.65	0.00	3489.31
MW - 19	06/11/21	3511.96	-	22.70	0.00	3489.26
MW - 19	07/31/21	3511.96	-	22.70	0.00	3489.26
MW - 19	08/31/21	3511.96	-	22.87	0.00	3489.09
MW - 19	09/23/21	3511.96	-	22.91	0.00	3489.05
MW - 19	10/14/21	3511.96	-	22.94	0.00	3489.02
MW - 19	10/28/21	3511.96	-	22.98	0.00	3488.98
MW - 19	12/06/21	3511.96	-	23.01	0.00	3488.95
MW - 20	06/20/02	3508.43	-	21.19	0.00	3487.24
MW - 20	09/26/02	3508.43	-	21.61	0.00	3486.82
MW - 20	11/12/02	3508.43	-	21.60	0.00	3486.83
MW - 20	02/12/03	3508.43	-	21.20	0.00	3487.23
MW - 20	05/14/03	3508.43	-	21.19	0.00	3487.24
MW - 20	08/21/03	3508.43	-	22.05	0.00	3486.38
MW - 20	12/10/03	3508.43	-	22.01	0.00	3486.42
MW - 20	02/11/04	3508.43	-	22.11	0.00	3486.32
MW - 20	05/11/04	3508.43	-	20.98	0.00	3487.45
MW - 20	08/25/04	3508.43	-	21.25	0.00	3487.18
MW - 20	12/03/04	3508.43	-	20.61	0.00	3487.82
MW - 20	03/08/05	3508.43	-	20.00	0.00	3488.43
MW - 20	06/08/05	3508.43	-	19.52	0.00	3488.91
MW - 20	09/15/05	3508.43	-	19.65	0.00	3488.78
MW - 20	12/12/05	3508.43	-	19.51	0.00	3488.92
MW - 20	03/16/06	3508.43	-	19.46	0.00	3488.97
MW - 20	06/15/06	3508.43	-	19.84	0.00	3488.59
MW - 20	09/18/06	3508.43	-	19.65	0.00	3488.78
MW - 20	09/29/06	3508.43	-	19.66	0.00	3488.77
MW - 20	11/30/06	3508.43	-	19.60	0.00	3488.83
MW - 20	02/12/07	3508.43	-	19.46	0.00	3488.97
MW - 20	02/19/07	3508.43	-	19.47	0.00	3488.96
MW - 20	02/27/07	3508.43	-	19.41	0.00	3489.02
MW - 20	03/05/07	3508.43	-	19.49	0.00	3488.94
MW - 20	03/19/07	3508.43	-	19.45	0.00	3488.98
MW - 20	05/22/07	3508.43	-	19.31	0.00	3489.12

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 20	08/15/07	3508.43	-	19.93	0.00	3488.50
MW - 20	11/06/07	3508.43	-	19.73	0.00	3488.70
MW - 20	02/12/08	3508.43	-	19.61	0.00	3488.82
MW - 20	05/13/08	3508.43	-	19.55	0.00	3488.88
MW - 20	08/14/08	3508.43	-	20.28	0.00	3488.15
MW - 20	11/12/08	3508.43	-	19.88	0.00	3488.55
MW - 20	02/10/09	3508.43	-	19.73	0.00	3488.70
MW - 20	02/13/09	3508.43	-	19.74	0.00	3488.69
MW - 20	02/16/09	3508.43	-	19.74	0.00	3488.69
MW - 20	02/24/09	3508.43	-	19.71	0.00	3488.72
MW - 20	03/02/09	3508.43	-	19.77	0.00	3488.66
MW - 20	03/05/09	3508.43	-	19.71	0.00	3488.72
MW - 20	03/09/09	3508.43	-	19.71	0.00	3488.72
MW - 20	03/16/09	3508.43	-	19.73	0.00	3488.70
MW - 20	03/19/09	3508.43	-	19.78	0.00	3488.65
MW - 20	03/25/09	3508.43	-	19.80	0.00	3488.63
MW - 20	03/30/09	3508.43	-	19.75	0.00	3488.68
MW - 20	04/13/09	3508.43	-	19.68	0.00	3488.75
MW - 20	04/16/09	3508.43	-	19.76	0.00	3488.67
MW - 20	04/21/09	3508.43	-	19.74	0.00	3488.69
MW - 20	04/27/09	3508.43	-	19.65	0.00	3488.78
MW - 20	04/30/09	3508.43	-	19.75	0.00	3488.68
MW - 20	05/06/09	3508.43	-	19.75	0.00	3488.68
MW - 20	05/12/09	3508.43	-	19.68	0.00	3488.75
MW - 20	05/19/09	3508.43	-	19.75	0.00	3488.68
MW - 20	06/12/09	3508.43	-	19.75	0.00	3488.68
MW - 20	06/22/09	3508.43	-	20.02	0.00	3488.41
MW - 20	07/06/09	3508.43	-	20.16	0.00	3488.27
MW - 20	07/09/09	3508.43	-	19.77	0.00	3488.66
MW - 20	07/13/09	3508.43	-	19.78	0.00	3488.65
MW - 20	07/20/09	3508.43	-	19.79	0.00	3488.64
MW - 20	07/29/09	3508.43	-	20.39	0.00	3488.04
MW - 20	08/10/09	3508.43	-	20.28	0.00	3488.15
MW - 20	11/18/09	3508.43	-	20.55	0.00	3487.88
MW - 20	01/04/10	3508.43	-	20.53	0.00	3487.90
MW - 20	02/09/10	3508.43	-	20.41	0.00	3488.02
MW - 20	05/12/10	3508.43	-	19.97	0.00	3488.46
MW - 20	08/03/10	3508.43	-	19.62	0.00	3488.81
MW - 20	08/11/10	3508.43	-	19.97	0.00	3488.46
MW - 20	08/19/10	3508.43	-	19.66	0.00	3488.77
MW - 20	11/12/10	3508.43	-	20.55	0.00	3487.88
MW - 20	02/16/11	3508.43	-	20.54	0.00	3487.89
MW - 20	03/01/11	3508.43	-	19.94	0.00	3488.49
MW - 20	03/07/11	3508.43	-	19.92	0.00	3488.51
MW - 20	04/27/11	3508.43	-	19.94	0.00	3488.49
MW - 20	05/05/11	3508.43	-	20.00	0.00	3488.43
MW - 20	05/10/11	3508.43	-	20.12	0.00	3488.31
MW - 20	05/17/11	3508.43	-	20.23	0.00	3488.20
MW - 20	05/19/11	3508.43	-	20.23	0.00	3488.20
MW - 20	05/24/11	3508.43	-	20.13	0.00	3488.30
MW - 20	06/07/11	3508.43	-	20.23	0.00	3488.20
MW - 20	06/08/11	3508.43	-	20.24	0.00	3488.19
MW - 20	06/14/11	3508.43	-	20.27	0.00	3488.16
MW - 20	06/23/11	3508.43	-	20.26	0.00	3488.17

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 20	06/28/11	3508.43	-	20.28	0.00	3488.15
MW - 20	07/06/11	3508.43	-	20.43	0.00	3488.00
MW - 20	07/14/11	3508.43	-	20.43	0.00	3488.00
MW - 20	07/20/11	3508.43	-	20.50	0.00	3487.93
MW - 20	07/27/11	3508.43	-	20.55	0.00	3487.88
MW - 20	08/03/11	3508.43	-	20.57	0.00	3487.86
MW - 20	08/10/11	3508.43	-	20.60	0.00	3487.83
MW - 20	08/18/11	3508.43	-	20.66	0.00	3487.77
MW - 20	08/25/11	3508.43	-	20.71	0.00	3487.72
MW - 20	11/14/11	3508.43	-	20.65	0.00	3487.78
MW - 20	12/01/11	3508.43	-	20.62	0.00	3487.81
MW - 20	12/08/11	3508.43	-	20.62	0.00	3487.81
MW - 20	12/14/11	3508.43	-	19.60	0.00	3488.83
MW - 20	01/12/12	3508.43	-	20.56	0.00	3487.87
MW - 20	01/19/12	3508.43	-	20.53	0.00	3487.90
MW - 20	02/03/12	3508.43	-	20.49	0.00	3487.94
MW - 20	02/29/12	3508.43	-	20.41	0.00	3488.02
MW - 20	03/14/12	3508.43	-	20.36	0.00	3488.07
MW - 20	03/19/12	3508.43	-	20.35	0.00	3488.08
MW - 20	03/29/12	3508.43	-	20.31	0.00	3488.12
MW - 20	04/05/12	3508.43	-	20.29	0.00	3488.14
MW - 20	04/18/12	3508.43	-	20.26	0.00	3488.17
MW - 20	04/27/12	3508.43	-	20.29	0.00	3488.14
MW - 20	05/02/12	3508.43	-	20.34	0.00	3488.09
MW - 20	05/31/12	3508.43	-	20.31	0.00	3488.12
MW - 20	06/08/12	3508.43	-	20.36	0.00	3488.07
MW - 20	06/12/12	3508.43	-	20.40	0.00	3488.03
MW - 20	06/21/12	3508.43	-	20.39	0.00	3488.04
MW - 20	06/29/12	3508.43	-	20.46	0.00	3487.97
MW - 20	07/13/12	3508.43	-	20.62	0.00	3487.81
MW - 20	12/06/12	3508.43	-	20.69	0.00	3487.74
MW - 20	12/11/12	3508.43	-	20.69	0.00	3487.74
MW - 20	12/18/12	3508.43	-	20.69	0.00	3487.74
MW - 20	01/09/13	3508.43	-	19.64	0.00	3488.79
MW - 20	01/15/13	3508.43	-	20.63	0.00	3487.80
MW - 20	01/23/13	3508.43	-	20.62	0.00	3487.81
MW - 20	01/29/13	3508.43	-	20.62	0.00	3487.81
MW - 20	02/07/13	3508.43	-	20.62	0.00	3487.81
MW - 20	02/13/13	3508.43	-	20.58	0.00	3487.85
MW - 20	02/20/13	3508.43	-	20.59	0.00	3487.84
MW - 20	03/15/13	3508.43	-	20.54	0.00	3487.89
MW - 20	03/19/13	3508.43	-	20.55	0.00	3487.88
MW - 20	04/02/13	3508.43	-	20.50	0.00	3487.93
MW - 20	04/09/13	3508.43	-	20.49	0.00	3487.94
MW - 20	04/16/13	3508.43	-	20.48	0.00	3487.95
MW - 20	04/23/13	3508.43	-	20.47	0.00	3487.96
MW - 20	04/30/13	3508.43	-	20.45	0.00	3487.98
MW - 20	05/08/13	3508.43	-	20.46	0.00	3487.97
MW - 20	05/14/13	3508.43	-	20.45	0.00	3487.98
MW - 20	05/22/13	3508.43	-	20.44	0.00	3487.99
MW - 20	05/28/13	3508.43	-	20.46	0.00	3487.97
MW - 20	06/04/13	3508.43	-	20.47	0.00	3487.96
MW - 20	06/11/13	3508.43	-	20.52	0.00	3487.91
MW - 20	06/19/13	3508.43	-	20.56	0.00	3487.87

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 20	06/28/13	3508.43	-	20.65	0.00	3487.78
MW - 20	07/01/13	3508.43	-	20.71	0.00	3487.72
MW - 20	07/08/13	3508.43	-	20.76	0.00	3487.67
MW - 20	07/23/13	3508.43	-	20.83	0.00	3487.60
MW - 20	07/30/13	3508.43	-	20.80	0.00	3487.63
MW - 20	08/05/13	3508.43	-	20.76	0.00	3487.67
MW - 20	08/12/13	3508.43	-	20.77	0.00	3487.66
MW - 20	08/22/13	3508.43	-	20.90	0.00	3487.53
MW - 20	08/29/13	3508.43	-	20.94	0.00	3487.49
MW - 20	09/05/13	3508.43	-	20.96	0.00	3487.47
MW - 20	09/10/13	3508.43	-	21.03	0.00	3487.40
MW - 20	09/17/13	3508.43	-	21.00	0.00	3487.43
MW - 20	09/24/13	3508.43	-	21.03	0.00	3487.40
MW - 20	10/07/13	3508.43	-	21.05	0.00	3487.38
MW - 20	11/14/13	3508.43	-	20.87	0.00	3487.56
MW - 20	11/20/13	3508.43	-	20.85	0.00	3487.58
MW - 20	12/12/13	3508.43	-	20.82	0.00	3487.61
MW - 20	12/19/13	3508.43	-	20.77	0.00	3487.66
MW - 20	01/03/14	3508.43	-	20.78	0.00	3487.65
MW - 20	01/09/14	3508.43	-	20.77	0.00	3487.66
MW - 20	01/13/14	3508.43	-	20.75	0.00	3487.68
MW - 20	01/21/14	3508.43	-	20.75	0.00	3487.68
MW - 20	01/24/14	3508.43	-	20.74	0.00	3487.69
MW - 20	02/04/14	3509.47	-	20.69	0.00	3488.78
MW - 20	02/10/14	3509.47	-	20.70	0.00	3488.77
MW - 20	02/27/14	3509.47	-	20.67	0.00	3488.80
MW - 20	03/17/14	3509.47	-	20.62	0.00	3488.85
MW - 20	03/27/14	3509.47	-	20.58	0.00	3488.89
MW - 20	04/02/14	3509.47	-	20.58	0.00	3488.89
MW - 20	04/16/14	3509.47	-	20.54	0.00	3488.93
MW - 20	04/22/14	3509.47	-	20.53	0.00	3488.94
MW - 20	04/28/14	3509.47	-	20.52	0.00	3488.95
MW - 20	05/06/14	3509.47	-	20.51	0.00	3488.96
MW - 20	05/13/14	3509.47	-	20.53	0.00	3488.94
MW - 20	05/14/14	3509.47	-	20.53	0.00	3488.94
MW - 20	05/21/14	3509.47	-	20.54	0.00	3488.93
MW - 20	06/05/14	3509.47	-	20.64	0.00	3488.83
MW - 20	06/11/14	3509.47	-	20.71	0.00	3488.76
MW - 20	06/16/14	3509.47	-	20.78	0.00	3488.69
MW - 20	06/24/14	3509.47	-	20.87	0.00	3488.60
MW - 20	07/01/14	3509.47	-	20.89	0.00	3488.58
MW - 20	07/08/14	3509.47	-	20.99	0.00	3488.48
MW - 20	07/15/14	3509.47	-	21.04	0.00	3488.43
MW - 20	07/22/14	3509.47	-	21.07	0.00	3488.40
MW - 20	07/23/14	3509.47	-	21.07	0.00	3488.40
MW - 20	07/31/14	3509.47	-	21.10	0.00	3488.37
MW - 20	08/05/14	3509.47	-	21.12	0.00	3488.35
MW - 20	08/07/14	3509.47	-	21.13	0.00	3488.34
MW - 20	08/15/14	3509.47	-	21.16	0.00	3488.31
MW - 20	08/20/14	3509.47	-	21.17	0.00	3488.30
MW - 20	08/27/14	3509.47	-	21.19	0.00	3488.28
MW - 20	09/24/14	3509.47	-	20.71	0.00	3488.76
MW - 20	10/01/14	3509.47	-	20.08	0.00	3489.39
MW - 20	10/07/14	3509.47	-	19.98	0.00	3489.49

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 20	10/14/14	3509.47	-	19.97	0.00	3489.50
MW - 20	10/20/14	3509.47	-	19.97	0.00	3489.50
MW - 20	10/27/14	3509.47	-	19.97	0.00	3489.50
MW - 20	11/03/14	3509.47	-	19.99	0.00	3489.48
MW - 20	11/11/14	3509.47	-	19.96	0.00	3489.51
MW - 20	11/19/14	3509.47	-	19.96	0.00	3489.51
MW - 20	12/08/14	3509.47	-	19.99	0.00	3489.48
MW - 20	12/15/14	3509.47	-	19.99	0.00	3489.48
MW - 20	12/22/14	3509.47	-	19.98	0.00	3489.49
MW - 20	12/29/14	3509.47	-	20.00	0.00	3489.47
MW - 20	01/05/15	3509.47	-	20.02	0.00	3489.45
MW - 20	01/12/15	3509.47	-	20.01	0.00	3489.46
MW - 20	01/19/15	3509.47	-	20.00	0.00	3489.47
MW - 20	02/04/05	3509.47	-	20.01	0.00	3489.46
MW - 20	02/09/15	3509.47	-	20.01	0.00	3489.46
MW - 20	02/19/15	3509.47	-	20.01	0.00	3489.46
MW - 20	03/03/15	3509.47	-	20.00	0.00	3489.47
MW - 20	03/09/15	3509.47	-	20.00	0.00	3489.47
MW - 20	03/16/15	3509.47	-	20.00	0.00	3489.47
MW - 20	03/20/15	3509.47	-	20.00	0.00	3489.47
MW - 20	03/23/15	3509.47	-	19.99	0.00	3489.48
MW - 20	03/30/15	3509.47	-	19.99	0.00	3489.48
MW - 20	04/07/15	3509.47	-	19.97	0.00	3489.50
MW - 20	04/14/15	3509.47	-	19.97	0.00	3489.50
MW - 20	04/20/15	3509.47	-	19.94	0.00	3489.53
MW - 20	04/27/15	3509.47	-	19.94	0.00	3489.53
MW - 20	05/07/15	3509.47	-	21.61	0.00	3487.86
MW - 20	05/11/15	3509.47	-	21.60	0.00	3487.87
MW - 20	05/21/15	3509.47	-	19.87	0.00	3489.60
MW - 20	05/27/15	3509.47	-	19.50	0.00	3489.97
MW - 20	05/28/15	3509.47	-	19.84	0.00	3489.63
MW - 20	06/03/15	3509.47	-	19.83	0.00	3489.64
MW - 20	06/08/15	3509.47	-	19.83	0.00	3489.64
MW - 20	06/15/15	3509.47	-	19.84	0.00	3489.63
MW - 20	06/25/15	3509.47	-	19.83	0.00	3489.64
MW - 20	06/29/15	3509.47	-	19.80	0.00	3489.67
MW - 20	07/08/15	3509.47	-	19.84	0.00	3489.63
MW - 20	07/09/15	3509.47	-	19.83	0.00	3489.64
MW - 20	07/14/15	3509.47	-	19.89	0.00	3489.58
MW - 20	07/20/15	3509.47	-	19.96	0.00	3489.51
MW - 20	07/28/15	3509.47	-	20.04	0.00	3489.43
MW - 20	08/03/15	3509.47	-	20.11	0.00	3489.36
MW - 20	08/04/15	3509.47	-	20.10	0.00	3489.37
MW - 20	08/10/15	3509.47	-	20.16	0.00	3489.31
MW - 20	08/17/15	3509.47	-	20.21	0.00	3489.26
MW - 20	08/25/15	3509.47	-	20.25	0.00	3489.22
MW - 20	08/31/15	3509.47	-	20.21	0.00	3489.26
MW - 20	09/08/15	3509.47	-	20.23	0.00	3489.24
MW - 20	09/15/15	3509.47	-	20.22	0.00	3489.25
MW - 20	09/24/15	3509.47	-	20.33	0.00	3489.14
MW - 20	09/28/15	3509.47	-	20.33	0.00	3489.14
MW - 20	10/06/15	3509.47	-	20.34	0.00	3489.13
MW - 20	10/12/15	3509.47	-	20.27	0.00	3489.20
MW - 20	10/26/15	3509.47	-	20.15	0.00	3489.32

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 20	11/06/15	3509.47	-	20.05	0.00	3489.42
MW - 20	11/10/15	3509.47	-	19.99	0.00	3489.48
MW - 20	11/18/15	3509.47	-	19.99	0.00	3489.48
MW - 20	12/02/15	3509.47	-	19.94	0.00	3489.53
MW - 20	12/07/15	3509.47	-	19.93	0.00	3489.54
MW - 20	12/14/15	3509.47	-	19.91	0.00	3489.56
MW - 20	01/05/16	3509.47	-	19.91	0.00	3489.56
MW - 20	01/08/16	3509.47	-	19.90	0.00	3489.57
MW - 20	01/12/16	3509.47	-	19.90	0.00	3489.57
MW - 20	01/18/16	3509.47	-	19.88	0.00	3489.59
MW - 20	01/25/16	3509.47	-	19.86	0.00	3489.61
MW - 20	02/01/16	3509.47	-	19.84	0.00	3489.63
MW - 20	02/08/16	3509.47	-	19.85	0.00	3489.62
MW - 20	02/19/16	3509.47	-	19.82	0.00	3489.65
MW - 20	02/23/16	3509.47	-	19.80	0.00	3489.67
MW - 20	03/03/16	3509.47	-	19.82	0.00	3489.65
MW - 20	03/07/16	3509.47	-	19.77	0.00	3489.70
MW - 20	03/15/16	3509.47	-	19.77	0.00	3489.70
MW - 20	03/21/16	3509.47	-	19.79	0.00	3489.68
MW - 20	03/28/16	3509.47	-	19.77	0.00	3489.70
MW - 20	04/05/16	3509.47	-	19.74	0.00	3489.73
MW - 20	04/08/16	3509.47	-	19.76	0.00	3489.71
MW - 20	04/12/16	3509.47	-	19.73	0.00	3489.74
MW - 20	04/18/16	3509.47	-	19.72	0.00	3489.75
MW - 20	04/25/16	3509.47	-	19.70	0.00	3489.77
MW - 20	05/02/16	3509.47	-	19.70	0.00	3489.77
MW - 20	05/23/16	3509.47	-	19.68	0.00	3489.79
MW - 20	06/01/16	3509.47	-	19.77	0.00	3489.70
MW - 20	06/06/16	3509.47	-	19.80	0.00	3489.67
MW - 20	06/28/16	3509.47	-	19.97	0.00	3489.50
MW - 20	07/12/16	3509.47	-	20.15	0.00	3489.32
MW - 20	07/19/16	3509.47	-	20.22	0.00	3489.25
MW - 20	07/27/16	3509.47	-	20.29	0.00	3489.18
MW - 20	08/03/16	3509.47	-	20.34	0.00	3489.13
MW - 20	08/08/16	3509.47	-	20.37	0.00	3489.10
MW - 20	08/16/16	3509.47	-	20.39	0.00	3489.08
MW - 20	08/23/16	3509.47	-	20.41	0.00	3489.06
MW - 20	08/31/16	3509.47	-	20.25	0.00	3489.22
MW - 20	09/14/16	3509.47	-	19.54	0.00	3489.93
MW - 20	09/22/16	3509.47	-	19.35	0.00	3490.12
MW - 20	09/27/16	3509.47	-	19.26	0.00	3490.21
MW - 20	10/07/16	3509.47	-	19.22	0.00	3490.25
MW - 20	10/21/16	3509.47	-	19.24	0.00	3490.23
MW - 20	10/28/16	3509.47	-	19.26	0.00	3490.21
MW - 20	11/04/16	3509.47	-	19.28	0.00	3490.19
MW - 20	11/09/16	3509.47	-	19.29	0.00	3490.18
MW - 20	12/06/16	3509.47	-	19.32	0.00	3490.15
MW - 20	12/15/16	3509.47	-	19.35	0.00	3490.12
MW - 20	12/22/16	3509.47	-	19.35	0.00	3490.12
MW - 20	12/29/16	3509.47	-	19.37	0.00	3490.10
MW - 20	01/05/17	3509.47	-	19.35	0.00	3490.12
MW - 20	01/11/17	3509.47	-	19.54	0.00	3489.93
MW - 20	01/18/17	3509.47	-	19.36	0.00	3490.11
MW - 20	01/26/17	3509.47	-	19.37	0.00	3490.10

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 20	01/31/17	3509.47	-	19.35	0.00	3490.12
MW - 20	02/10/17	3509.47	-	19.36	0.00	3490.11
MW - 20	02/17/17	3509.47	-	19.33	0.00	3490.14
MW - 20	02/24/17	3509.47	-	19.35	0.00	3490.12
MW - 20	03/01/17	3509.47	-	19.33	0.00	3490.14
MW - 20	03/09/17	3509.47	-	19.35	0.00	3490.12
MW - 20	03/15/17	3509.47	-	19.34	0.00	3490.13
MW - 20	03/22/17	3509.47	-	19.33	0.00	3490.14
MW - 20	03/29/17	3509.47	-	19.32	0.00	3490.15
MW - 20	04/07/17	3509.47	-	19.32	0.00	3490.15
MW - 20	04/11/17	3509.47	-	19.31	0.00	3490.16
MW - 20	04/20/17	3509.47	-	19.29	0.00	3490.18
MW - 20	05/02/17	3509.47	-	19.28	0.00	3490.19
MW - 20	05/12/17	3509.47	-	19.31	0.00	3490.16
MW - 20	05/16/17	3509.47	-	19.30	0.00	3490.17
MW - 20	05/23/17	3509.47	-	19.35	0.00	3490.12
MW - 20	06/05/17	3509.47	-	19.43	0.00	3490.04
MW - 20	06/15/17	3509.47	-	19.53	0.00	3489.94
MW - 20	06/28/17	3509.47	-	19.65	0.00	3489.82
MW - 20	07/05/17	3509.47	-	19.72	0.00	3489.75
MW - 20	07/11/17	3509.47	-	19.81	0.00	3489.66
MW - 20	07/17/17	3509.47	-	19.82	0.00	3489.65
MW - 20	07/20/17	3509.47	-	19.83	0.00	3489.64
MW - 20	08/16/17	3509.47	-	19.74	0.00	3489.73
MW - 20	09/13/17	3509.47	-	19.53	0.00	3489.94
MW - 20	09/19/17	3509.47	-	19.58	0.00	3489.89
MW - 20	09/29/17	3509.47	-	19.42	0.00	3490.05
MW - 20	10/05/17	3509.47	-	19.69	0.00	3489.78
MW - 20	10/12/17	3509.47	-	19.49	0.00	3489.98
MW - 20	10/20/17	3509.47	-	19.44	0.00	3490.03
MW - 20	10/24/17	3509.47	-	19.58	0.00	3489.89
MW - 20	11/02/17	3509.47	-	19.44	0.00	3490.03
MW - 20	11/14/17	3509.47	-	19.46	0.00	3490.01
MW - 20	12/20/17	3509.47	-	19.41	0.00	3490.06
MW - 20	12/28/17	3509.47	-	19.40	0.00	3490.07
MW - 20	01/03/18	3509.47	-	19.41	0.00	3490.06
MW - 20	01/09/18	3509.47	-	19.39	0.00	3490.08
MW - 20	01/19/18	3509.47	-	19.38	0.00	3490.09
MW - 20	01/24/18	3509.47	-	19.40	0.00	3490.07
MW - 20	02/08/18	3509.47	-	19.39	0.00	3490.08
MW - 20	02/12/18	3509.47	-	19.37	0.00	3490.10
MW - 20	02/22/18	3509.47	-	19.36	0.00	3490.11
MW - 20	03/02/18	3509.47	-	19.37	0.00	3490.10
MW - 20	03/07/18	3509.47	-	19.36	0.00	3490.11
MW - 20	03/19/18	3509.47	-	19.35	0.00	3490.12
MW - 20	03/29/18	3509.47	-	19.34	0.00	3490.13
MW - 20	04/02/18	3509.47	-	19.33	0.00	3490.14
MW - 20	04/11/18	3509.47	-	19.33	0.00	3490.14
MW - 20	04/16/18	3509.47	-	19.31	0.00	3490.16
MW - 20	04/25/18	3509.47	-	19.33	0.00	3490.14
MW - 20	05/01/18	3509.47	-	19.32	0.00	3490.15
MW - 20	05/08/18	3509.47	-	19.36	0.00	3490.11
MW - 20	05/21/18	3509.47	-	19.53	0.00	3489.94
MW - 20	05/31/18	3509.47	-	19.64	0.00	3489.83

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 20	06/06/18	3509.47	-	19.17	0.00	3490.30
MW - 20	06/13/18	3509.47	-	19.76	0.00	3489.71
MW - 20	06/18/18	3509.47	-	19.78	0.00	3489.69
MW - 20	06/25/18	3509.47	-	19.83	0.00	3489.64
MW - 20	07/02/18	3509.47	-	19.89	0.00	3489.58
MW - 20	07/11/18	3509.47	-	19.95	0.00	3489.52
MW - 20	07/19/18	3509.47	-	19.98	0.00	3489.49
MW - 20	07/27/18	3509.47	-	20.05	0.00	3489.42
MW - 20	08/08/18	3509.47	-	20.12	0.00	3489.35
MW - 20	08/30/18	3509.47	-	20.20	0.00	3489.27
MW - 20	09/12/18	3509.47	-	20.18	0.00	3489.29
MW - 20	09/26/18	3509.47	-	20.10	0.00	3489.37
MW - 20	10/03/18	3509.47	-	20.09	0.00	3489.38
MW - 20	10/19/18	3509.47	-	20.09	0.00	3489.38
MW - 20	10/31/18	3509.47	-	19.95	0.00	3489.52
MW - 20	11/06/18	3509.47	-	19.88	0.00	3489.59
MW - 20	11/12/18	3509.47	-	19.86	0.00	3489.61
MW - 20	12/03/18	3509.47	-	19.82	0.00	3489.65
MW - 20	12/05/18	3509.47	-	19.82	0.00	3489.65
MW - 20	12/19/18	3509.47	-	19.77	0.00	3489.70
MW - 20	12/27/18	3509.47	-	19.76	0.00	3489.71
MW - 20	01/14/18	3509.47	-	19.73	0.00	3489.74
MW - 20	01/03/19	3509.47	-	19.74	0.00	3489.73
MW - 20	01/09/19	3509.47	-	19.74	0.00	3489.73
MW - 20	01/16/19	3509.47	-	19.73	0.00	3489.74
MW - 20	02/06/19	3509.47	-	19.72	0.00	3489.75
MW - 20	02/13/19	3509.47	-	19.69	0.00	3489.78
MW - 20	02/28/19	3509.47	-	19.67	0.00	3489.80
MW - 20	03/06/19	3509.47	-	19.67	0.00	3489.80
MW - 20	03/12/19	3509.47	-	19.64	0.00	3489.83
MW - 20	03/19/19	3509.47	-	19.63	0.00	3489.84
MW - 20	03/28/19	3509.47	-	19.61	0.00	3489.86
MW - 20	04/01/19	3509.47	-	19.60	0.00	3489.87
MW - 20	04/10/19	3509.47	-	19.57	0.00	3489.90
MW - 20	04/17/19	3509.47	-	19.56	0.00	3489.91
MW - 20	04/24/19	3509.47	-	19.55	0.00	3489.92
MW - 20	05/01/19	3509.47	-	19.54	0.00	3489.93
MW - 20	05/08/19	3509.47	-	19.53	0.00	3489.94
MW - 20	06/14/19	3509.47	-	19.74	0.00	3489.73
MW - 20	07/11/19	3509.47	-	20.02	0.00	3489.45
MW - 20	08/07/19	3509.47	-	20.19	0.00	3489.28
MW - 20	09/12/19	3509.47	-	20.32	0.00	3489.15
MW - 20	09/17/19	3509.47	-	20.34	0.00	3489.13
MW - 20	10/15/19	3509.47	-	20.10	0.00	3489.37
MW - 20	11/06/19	3509.47	-	20.06	0.00	3489.41
MW - 20	12/17/19	3509.47	-	19.88	0.00	3489.59
MW - 20	01/06/20	3509.47	-	19.85	0.00	3489.62
MW - 20	01/23/20	3509.47	-	19.83	0.00	3489.64
MW - 20	03/04/20	3509.47	-	19.78	0.00	3489.69
MW - 20	05/14/20	3509.47	-	19.57	0.00	3489.90
MW - 20	05/21/20	3509.47	-	19.60	0.00	3489.87
MW - 20	06/18/20	3509.47	-	19.96	0.00	3489.51
MW - 20	07/21/20	3509.47	-	20.25	0.00	3489.22
MW - 20	08/13/20	3509.47	-	20.37	0.00	3489.10

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 20	09/14/20	3509.47	-	20.46	0.00	3489.01
MW - 20	12/09/20	3509.47	-	20.62	0.00	3488.85
MW - 20	01/13/21	3509.47	-	20.61	0.00	3488.86
MW - 20	02/11/21	3509.47	-	20.55	0.00	3488.92
MW - 20	04/21/21	3509.47	-	20.46	0.00	3489.01
MW - 20	06/10/21	3509.47	-	20.47	0.00	3489.00
MW - 20	09/22/21	3509.47	-	20.69	0.00	3488.78
MW - 20	10/14/21	3509.47	-	20.72	0.00	3488.75
MW - 20	12/06/21	3509.47	-	20.79	0.00	3488.68
MW - 21	06/20/02	3506.98	-	20.20	0.00	3486.78
MW - 21	09/26/02	3506.98	-	20.63	0.00	3486.35
MW - 21	11/12/02	3506.98	-	21.52	0.00	3485.46
MW - 21	02/12/03	3506.98	-	20.18	0.00	3486.80
MW - 21	05/14/03	3506.98	-	20.18	0.00	3486.80
MW - 21	08/21/03	3506.98	-	21.01	0.00	3485.97
MW - 21	12/10/03	3506.98	-	20.98	0.00	3486.00
MW - 21	02/11/04	3506.98	-	21.11	0.00	3485.87
MW - 21	05/11/04	3506.98	-	19.96	0.00	3487.02
MW - 21	08/25/04	3506.98	-	20.23	0.00	3486.75
MW - 21	12/02/04	3506.98	-	19.60	0.00	3487.38
MW - 21	03/08/05	3506.98	-	18.94	0.00	3488.04
MW - 21	06/08/05	3506.98	-	18.48	0.00	3488.50
MW - 21	09/15/05	3506.98	-	18.63	0.00	3488.35
MW - 21	12/12/05	3506.98	-	18.47	0.00	3488.51
MW - 21	03/16/06	3506.98	-	18.42	0.00	3488.56
MW - 21	06/15/06	3506.98	-	18.81	0.00	3488.17
MW - 21	09/18/06	3506.98	-	18.64	0.00	3488.34
MW - 21	09/29/06	3506.98	-	18.62	0.00	3488.36
MW - 21	11/30/06	3506.98	-	18.62	0.00	3488.36
MW - 21	02/12/07	3506.98	-	18.42	0.00	3488.56
MW - 21	02/19/07	3506.98	-	18.42	0.00	3488.56
MW - 21	02/27/07	3506.98	-	18.42	0.00	3488.56
MW - 21	03/05/07	3506.98	-	18.44	0.00	3488.54
MW - 21	03/19/07	3506.98	-	17.41	0.00	3489.57
MW - 21	05/22/07	3506.98	-	18.21	0.00	3488.77
MW - 21	08/15/07	3506.98	-	18.89	0.00	3488.09
MW - 21	11/06/07	3506.98	-	18.69	0.00	3488.29
MW - 21	02/12/08	3506.98	-	18.55	0.00	3488.43
MW - 21	05/13/08	3506.98	-	18.48	0.00	3488.50
MW - 21	08/14/08	3506.98	-	19.21	0.00	3487.77
MW - 21	11/12/08	3506.98	-	18.80	0.00	3488.18
MW - 21	02/10/09	3506.98	-	18.66	0.00	3488.32
MW - 21	05/12/09	3506.98	-	18.62	0.00	3488.36
MW - 21	08/10/09	3506.98	-	19.21	0.00	3487.77
MW - 21	11/18/09	3506.98	-	19.45	0.00	3487.53
MW - 21	01/04/10	3506.98	-	19.50	0.00	3487.48
MW - 21	02/09/10	3506.98	-	19.29	0.00	3487.69
MW - 21	05/12/10	3506.98	-	18.91	0.00	3488.07
MW - 21	08/11/10	3506.98	-	18.91	0.00	3488.07
MW - 21	11/11/10	3506.98	-	19.48	0.00	3487.50
MW - 21	02/16/11	3506.98	-	19.49	0.00	3487.49
MW - 21	05/19/11	3506.98	-	19.47	0.00	3487.51
MW - 21	08/10/11	3506.98	-	19.54	0.00	3487.44

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 21	11/14/11	3506.98	-	19.60	0.00	3487.38
MW - 21	02/29/12	3506.98	-	19.35	0.00	3487.63
MW - 21	05/02/12	3506.98	-	19.30	0.00	3487.68
MW - 21	12/06/12	3506.98	-	19.64	0.00	3487.34
MW - 21	02/13/13	3506.98	-	19.53	0.00	3487.45
MW - 21	02/25/13	3506.98	-	19.52	0.00	3487.46
MW - 21	04/30/13	3506.98	-	19.41	0.00	3487.57
MW - 21	05/08/13	3506.98	-	19.44	0.00	3487.54
MW - 21	05/22/13	3506.98	-	19.41	0.00	3487.57
MW - 21	06/04/13	3506.98	-	19.44	0.00	3487.54
MW - 21	06/19/13	3506.98	-	19.41	0.00	3487.57
MW - 21	06/28/13	3506.98	-	19.63	0.00	3487.35
MW - 21	07/01/13	3506.98	-	19.69	0.00	3487.29
MW - 21	07/08/13	3506.98	-	19.75	0.00	3487.23
MW - 21	07/23/13	3506.98	-	19.81	0.00	3487.17
MW - 21	07/30/13	3506.98	-	19.75	0.00	3487.23
MW - 21	08/05/13	3506.98	-	19.74	0.00	3487.24
MW - 21	08/12/13	3506.98	-	19.74	0.00	3487.24
MW - 21	08/22/13	3506.98	-	19.84	0.00	3487.14
MW - 21	08/29/13	3506.98	-	19.90	0.00	3487.08
MW - 21	09/05/13	3506.98	-	19.92	0.00	3487.06
MW - 21	09/10/13	3506.98	-	19.95	0.00	3487.03
MW - 21	09/17/13	3506.98	-	19.98	0.00	3487.00
MW - 21	09/24/13	3506.98	-	19.97	0.00	3487.01
MW - 21	10/07/13	3506.98	-	20.03	0.00	3486.95
MW - 21	11/14/13	3506.98	-	19.85	0.00	3487.13
MW - 21	11/20/13	3506.98	-	19.82	0.00	3487.16
MW - 21	12/12/13	3506.98	-	19.79	0.00	3487.19
MW - 21	12/19/13	3506.98	-	19.75	0.00	3487.23
MW - 21	01/03/14	3506.98	-	19.74	0.00	3487.24
MW - 21	01/09/14	3506.98	-	19.72	0.00	3487.26
MW - 21	01/13/14	3506.98	-	19.72	0.00	3487.26
MW - 21	01/21/14	3506.98	-	19.70	0.00	3487.28
MW - 21	01/24/14	3506.98	-	19.70	0.00	3487.28
MW - 21	02/10/14	3506.98	-	19.65	0.00	3487.33
MW - 21	02/04/14	3508.05	-	19.64	0.00	3488.41
MW - 21	02/27/14	3508.05	-	19.64	0.00	3488.41
MW - 21	03/17/14	3508.05	-	19.60	0.00	3488.45
MW - 21	03/27/14	3508.05	-	19.55	0.00	3488.50
MW - 21	04/02/14	3508.05	-	19.54	0.00	3488.51
MW - 21	04/16/14	3508.05	-	19.52	0.00	3488.53
MW - 21	04/22/14	3508.05	-	19.50	0.00	3488.55
MW - 21	04/28/14	3508.05	-	19.50	0.00	3488.55
MW - 21	05/06/14	3508.05	-	19.49	0.00	3488.56
MW - 21	05/13/14	3508.05	-	19.50	0.00	3488.55
MW - 21	05/14/14	3508.05	-	19.51	0.00	3488.54
MW - 21	05/21/14	3508.05	-	19.54	0.00	3488.51
MW - 21	06/05/14	3508.05	-	19.64	0.00	3488.41
MW - 21	06/11/14	3508.05	-	19.72	0.00	3488.33
MW - 21	06/16/14	3508.05	-	19.79	0.00	3488.26
MW - 21	07/22/14	3508.05	-	20.06	0.00	3487.99
MW - 21	08/05/14	3508.05	-	20.12	0.00	3487.93
MW - 21	10/27/14	3508.05	-	18.93	0.00	3489.12
MW - 21	11/19/14	3508.05	-	18.90	0.00	3489.15

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 21	02/09/15	3508.05	-	18.98	0.00	3489.07
MW - 21	03/20/15	3508.05	-	18.96	0.00	3489.09
MW - 21	04/04/15	3508.05	-	18.95	0.00	3489.10
MW - 21	05/27/15	3508.05	-	18.78	0.00	3489.27
MW - 21	07/09/15	3508.05	-	18.80	0.00	3489.25
MW - 21	08/03/15	3508.05	-	19.09	0.00	3488.96
MW - 21	09/24/15	3508.05	-	19.30	0.00	3488.75
MW - 21	11/18/15	3508.05	-	18.94	0.00	3489.11
MW - 21	01/08/16	3508.05	-	18.86	0.00	3489.19
MW - 21	02/23/16	3508.05	-	18.79	0.00	3489.26
MW - 21	04/08/16	3508.05	-	18.72	0.00	3489.33
MW - 21	06/06/16	3508.05	-	18.77	0.00	3489.28
MW - 21	06/28/16	3508.05	-	18.95	0.00	3489.10
MW - 21	07/27/16	3508.05	-	19.28	0.00	3488.77
MW - 21	08/03/16	3508.05	-	19.33	0.00	3488.72
MW - 21	09/27/16	3508.05	-	18.07	0.00	3489.98
MW - 21	10/21/16	3508.05	-	18.20	0.00	3489.85
MW - 21	11/09/16	3508.05	-	18.26	0.00	3489.79
MW - 21	01/26/17	3508.05	-	18.32	0.00	3489.73
MW - 21	03/01/17	3508.05	-	18.31	0.00	3489.74
MW - 21	03/15/17	3508.05	-	18.28	0.00	3489.77
MW - 21	05/23/17	3508.05	-	18.32	0.00	3489.73
MW - 21	07/20/17	3508.05	-	18.80	0.00	3489.25
MW - 21	08/16/17	3508.05	-	18.63	0.00	3489.42
MW - 21	09/13/17	3508.05	-	18.48	0.00	3489.57
MW - 21	10/12/17	3508.05	-	18.41	0.00	3489.64
MW - 21	11/14/17	3508.05	-	18.38	0.00	3489.67
MW - 21	12/20/17	3508.05	-	18.35	0.00	3489.70
MW - 21	01/09/18	3508.05	-	18.34	0.00	3489.71
MW - 21	02/08/18	3508.05	-	18.32	0.00	3489.73
MW - 21	03/29/18	3508.05	-	18.28	0.00	3489.77
MW - 21	04/16/18	3508.05	-	18.26	0.00	3489.79
MW - 21	05/21/18	3508.05	-	18.50	0.00	3489.55
MW - 21	06/18/18	3508.05	-	18.75	0.00	3489.30
MW - 21	07/11/18	3508.05	-	18.92	0.00	3489.13
MW - 21	08/08/18	3508.05	-	19.09	0.00	3488.96
MW - 21	09/12/18	3508.05	-	19.09	0.00	3488.96
MW - 21	11/12/18	3508.05	-	18.79	0.00	3489.26
MW - 21	01/09/19	3508.05	-	18.68	0.00	3489.37
MW - 21	02/12/19	3508.05	-	18.63	0.00	3489.42
MW - 21	03/12/19	3508.05	-	18.58	0.00	3489.47
MW - 21	04/01/19	3508.05	-	18.52	0.00	3489.53
MW - 21	05/08/19	3508.05	-	18.48	0.00	3489.57
MW - 21	06/14/19	3508.05	-	18.71	0.00	3489.34
MW - 21	07/11/19	3508.05	-	18.99	0.00	3489.06
MW - 21	08/07/19	3508.05	-	19.15	0.00	3488.90
MW - 21	09/12/19	3508.05	-	19.27	0.00	3488.78
MW - 21	10/15/19	3508.05	-	19.01	0.00	3489.04
MW - 21	11/06/19	3508.05	-	18.98	0.00	3489.07
MW - 21	12/17/19	3508.05	-	18.81	0.00	3489.24
MW - 21	01/06/20	3508.05	-	18.78	0.00	3489.27
MW - 21	03/04/20	3508.05	-	18.72	0.00	3489.33
MW - 21	05/14/20	3508.05	-	18.53	0.00	3489.52
MW - 21	06/17/20	3508.05	-	18.95	0.00	3489.10

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 21	07/21/20	3508.05	-	19.24	0.00	3488.81
MW - 21	08/12/20	3508.05	-	19.32	0.00	3488.73
MW - 21	09/14/20	3508.05	-	19.42	0.00	3488.63
MW - 21	12/08/20	3508.05	-	19.54	0.00	3488.51
MW - 21	01/13/21	3508.05	-	19.55	0.00	3488.50
MW - 21	02/10/21	3508.05	-	19.49	0.00	3488.56
MW - 21	04/21/21	3508.05	-	19.43	0.00	3488.62
MW - 21	06/10/21	3508.05	-	19.46	0.00	3488.59
MW - 21	09/22/21	3508.05	-	19.66	0.00	3488.39
MW - 21	10/14/21	3508.05	-	19.69	0.00	3488.36
MW - 21	12/06/21	3508.05	-	19.73	0.00	3488.32
MW - 22	06/20/02	3505.61	-	19.32	0.00	3486.29
MW - 22	09/26/02	3505.61	-	19.68	0.00	3485.93
MW - 22	11/12/02	3505.61	-	19.54	0.00	3486.07
MW - 22	02/12/04	3505.61	-	19.23	0.00	3486.38
MW - 22	05/14/03	3505.61	-	19.25	0.00	3486.36
MW - 22	08/21/03	3505.61	-	20.14	0.00	3485.47
MW - 22	12/10/03	3505.61	-	20.12	0.00	3485.49
MW - 22	02/11/04	3505.61	-	20.15	0.00	3485.46
MW - 22	05/11/04	3505.61	-	18.96	0.00	3486.65
MW - 22	08/25/04	3505.61	-	19.28	0.00	3486.33
MW - 22	12/03/04	3505.61	-	18.62	0.00	3486.99
MW - 22	03/08/05	3505.61	-	18.00	0.00	3487.61
MW - 22	06/08/05	3505.61	-	17.52	0.00	3488.09
MW - 22	09/15/05	3505.61	-	17.70	0.00	3487.91
MW - 22	12/12/05	3505.61	-	17.49	0.00	3488.12
MW - 22	03/16/06	3505.61	-	17.43	0.00	3488.18
MW - 22	06/15/06	3505.61	-	17.83	0.00	3487.78
MW - 22	09/18/06	3505.61	-	17.68	0.00	3487.93
MW - 22	11/30/06	3505.61	-	17.66	0.00	3487.95
MW - 22	02/12/07	3505.61	-	17.47	0.00	3488.14
MW - 22	02/19/07	3505.61	-	17.47	0.00	3488.14
MW - 22	02/27/07	3505.61	-	17.49	0.00	3488.12
MW - 22	03/05/07	3505.61	-	17.48	0.00	3488.13
MW - 22	03/19/07	3505.61	-	17.46	0.00	3488.15
MW - 22	05/22/07	3505.61	-	17.30	0.00	3488.31
MW - 22	08/15/07	3505.61	-	17.93	0.00	3487.68
MW - 22	11/06/07	3505.61	-	17.69	0.00	3487.92
MW - 22	02/12/08	3505.61	-	17.59	0.00	3488.02
MW - 22	05/13/08	3505.61	-	19.33	0.00	3486.28
MW - 22	08/14/08	3505.61	-	18.26	0.00	3487.35
MW - 22	11/12/08	3505.61	-	18.81	0.00	3486.80
MW - 22	02/10/09	3505.61	-	17.72	0.00	3487.89
MW - 22	05/12/09	3505.61	-	17.63	0.00	3487.98
MW - 22	08/10/09	3505.61	-	18.23	0.00	3487.38
MW - 22	11/18/09	3505.61	-	18.44	0.00	3487.17
MW - 22	01/04/10	3505.61	-	18.46	0.00	3487.15
MW - 22	02/09/10	3505.61	-	18.29	0.00	3487.32
MW - 22	05/12/10	3505.61	-	17.94	0.00	3487.67
MW - 22	08/11/10	3505.61	-	17.94	0.00	3487.67
MW - 22	11/11/10	3505.61	-	18.46	0.00	3487.15
MW - 22	02/16/11	3505.61	-	18.45	0.00	3487.16
MW - 22	05/19/11	3505.61	-	18.48	0.00	3487.13

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 22	08/10/11	3505.61	-	18.56	0.00	3487.05
MW - 22	11/14/11	3505.61	-	18.62	0.00	3486.99
MW - 22	02/29/12	3505.61	-	18.36	0.00	3487.25
MW - 22	05/02/12	3505.61	-	18.32	0.00	3487.29
MW - 22	12/06/12	3505.61	-	18.67	0.00	3486.94
MW - 22	02/13/13	3505.61	-	18.53	0.00	3487.08
MW - 22	05/22/13	3505.61	-	18.42	0.00	3487.19
MW - 22	08/12/13	3505.61	-	18.77	0.00	3486.84
MW - 22	11/20/13	3505.61	-	18.83	0.00	3486.78
MW - 22	02/04/14	3506.66	-	18.68	0.00	3487.98
MW - 22	05/14/14	3506.66	-	18.54	0.00	3488.12
MW - 22	07/22/14	3506.66	-	19.11	0.00	3487.55
MW - 22	08/05/14	3506.66	-	19.20	0.00	3487.46
MW - 22	10/27/14	3506.66	-	17.98	0.00	3488.68
MW - 22	11/19/14	3506.66	-	17.93	0.00	3488.73
MW - 22	02/09/15	3506.66	-	18.00	0.00	3488.66
MW - 22	03/20/15	3506.66	-	18.00	0.00	3488.66
MW - 22	04/04/15	3506.66	-	17.94	0.00	3488.72
MW - 22	05/27/15	3506.66	-	17.75	0.00	3488.91
MW - 22	07/09/15	3506.66	-	17.85	0.00	3488.81
MW - 22	08/03/15	3506.66	-	18.14	0.00	3488.52
MW - 22	09/24/15	3506.66	-	18.31	0.00	3488.35
MW - 22	11/18/15	3506.66	-	17.95	0.00	3488.71
MW - 22	01/08/16	3506.66	-	17.86	0.00	3488.80
MW - 22	02/23/16	3506.66	-	17.82	0.00	3488.84
MW - 22	04/08/16	3506.66	-	17.74	0.00	3488.92
MW - 22	06/06/16	3506.66	-	17.82	0.00	3488.84
MW - 22	06/28/16	3506.66	-	17.99	0.00	3488.67
MW - 22	07/27/16	3506.66	-	18.34	0.00	3488.32
MW - 22	08/03/16	3506.66	-	18.37	0.00	3488.29
MW - 22	09/27/16	3506.66	-	17.03	0.00	3489.63
MW - 22	10/21/16	3506.66	-	17.24	0.00	3489.42
MW - 22	11/08/16	3506.66	-	17.28	0.00	3489.38
MW - 22	01/26/17	3506.66	-	17.32	0.00	3489.34
MW - 22	02/28/17	3506.66	-	17.32	0.00	3489.34
MW - 22	03/15/17	3506.66	-	17.29	0.00	3489.37
MW - 22	05/23/17	3506.66	-	17.32	0.00	3489.34
MW - 22	07/20/17	3506.66	-	17.83	0.00	3488.83
MW - 22	08/16/17	3506.66	-	17.83	0.00	3488.83
MW - 22	09/13/17	3506.66	-	17.46	0.00	3489.20
MW - 22	10/12/17	3506.66	-	17.37	0.00	3489.29
MW - 22	11/14/17	3506.66	-	17.39	0.00	3489.27
MW - 22	12/20/17	3506.66	-	18.37	0.00	3488.29
MW - 22	01/09/18	3506.66	-	17.35	0.00	3489.31
MW - 22	02/07/18	3506.66	-	17.34	0.00	3489.32
MW - 22	03/29/18	3506.66	-	17.31	0.00	3489.35
MW - 22	04/16/18	3506.66	-	17.28	0.00	3489.38
MW - 22	05/21/18	3506.66	-	17.54	0.00	3489.12
MW - 22	06/18/18	3506.66	-	17.79	0.00	3488.87
MW - 22	07/11/18	3506.66	-	17.96	0.00	3488.70
MW - 22	08/08/18	3506.66	-	18.16	0.00	3488.50
MW - 22	09/12/18	3506.66	-	18.07	0.00	3488.59
MW - 22	11/12/18	3506.66	-	17.80	0.00	3488.86
MW - 22	01/09/19	3506.66	-	17.68	0.00	3488.98

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 22	02/12/19	3506.66	-	17.64	0.00	3489.02
MW - 22	03/12/19	3506.66	-	17.59	0.00	3489.07
MW - 22	04/01/19	3506.66	-	17.54	0.00	3489.12
MW - 22	05/07/19	3506.66	-	17.50	0.00	3489.16
MW - 22	06/14/19	3506.66	-	17.75	0.00	3488.91
MW - 22	07/11/19	3506.66	-	18.02	0.00	3488.64
MW - 22	08/07/19	3506.66	-	18.20	0.00	3488.46
MW - 22	09/12/19	3506.66	-	18.30	0.00	3488.36
MW - 22	10/15/19	3506.66	-	18.02	0.00	3488.64
MW - 22	11/06/19	3506.66	-	17.99	0.00	3488.67
MW - 22	12/17/19	3506.66	-	17.82	0.00	3488.84
MW - 22	01/06/20	3506.66	-	17.80	0.00	3488.86
MW - 22	03/04/20	3506.66	-	17.74	0.00	3488.92
MW - 22	05/14/20	3506.66	-	17.57	0.00	3489.09
MW - 23	06/20/02	3509.79	-	22.91	0.00	3486.88
MW - 23	09/26/02	3509.79	-	23.36	0.00	3486.43
MW - 23	11/12/02	3509.79	-	23.24	0.00	3486.55
MW - 23	02/12/03	3509.79	-	22.90	0.00	3486.89
MW - 23	05/14/03	3509.79	-	22.93	0.00	3486.86
MW - 23	08/21/03	3509.79	-	23.73	0.00	3486.06
MW - 23	12/10/03	3509.79	-	23.70	0.00	3486.09
MW - 23	02/11/04	3509.79	-	23.86	0.00	3485.93
MW - 23	05/11/04	3509.79	-	22.62	0.00	3487.17
MW - 23	08/25/04	3509.79	-	22.91	0.00	3486.88
MW - 23	12/03/04	3509.79	-	22.36	0.00	3487.43
MW - 23	03/08/05	3509.79	-	21.67	0.00	3488.12
MW - 23	06/08/05	3509.79	-	21.18	0.00	3488.61
MW - 23	09/15/05	3509.79	-	21.32	0.00	3488.47
MW - 23	12/12/05	3509.79	-	21.13	0.00	3488.66
MW - 23	03/16/06	3509.79	-	21.10	0.00	3488.69
MW - 23	06/15/06	3509.79	-	21.51	0.00	3488.28
MW - 23	09/18/06	3509.79	-	21.34	0.00	3488.45
MW - 23	09/29/06	3509.79	-	21.31	0.00	3488.48
MW - 23	11/30/06	3509.79	-	21.32	0.00	3488.47
MW - 23	02/12/07	3509.79	-	21.82	0.00	3487.97
MW - 23	02/19/07	3509.79	-	21.13	0.00	3488.66
MW - 23	02/27/07	3509.79	-	21.12	0.00	3488.67
MW - 23	03/05/07	3509.79	-	21.15	0.00	3488.64
MW - 23	03/19/07	3509.79	-	18.23	0.00	3491.56
MW - 23	05/22/07	3509.79	-	20.91	0.00	3488.88
MW - 23	08/15/07	3509.79	-	21.59	0.00	3488.20
MW - 23	11/06/07	3509.79	-	21.39	0.00	3488.40
MW - 23	02/12/08	3509.79	-	21.25	0.00	3488.54
MW - 23	05/13/08	3509.79	-	21.18	0.00	3488.61
MW - 23	08/14/08	3509.79	-	21.93	0.00	3487.86
MW - 23	11/12/08	3509.79	-	21.51	0.00	3488.28
MW - 23	02/10/09	3509.79	-	21.38	0.00	3488.41
MW - 23	05/12/09	3509.79	-	21.34	0.00	3488.45
MW - 23	08/10/09	3509.79	-	21.94	0.00	3487.85
MW - 23	11/18/09	3509.79	-	22.15	0.00	3487.64
MW - 23	01/04/10	3509.79	-	22.13	0.00	3487.66
MW - 23	02/09/10	3509.79	-	22.00	0.00	3487.79
MW - 23	05/12/10	3509.79	-	21.63	0.00	3488.16

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 23	08/11/10	3509.79	-	21.62	0.00	3488.17
MW - 23	11/11/10	3509.79	-	22.12	0.00	3487.67
MW - 23	02/16/11	3509.79	-	22.13	0.00	3487.66
MW - 23	05/19/11	3509.79	-	22.12	0.00	3487.67
MW - 23	08/10/11	3509.79	-	22.27	0.00	3487.52
MW - 23	11/14/11	3509.79	-	22.31	0.00	3487.48
MW - 23	02/29/12	3509.79	-	22.06	0.00	3487.73
MW - 23	05/02/12	3509.79	-	22.00	0.00	3487.79
MW - 23	12/06/12	3509.79	-	22.35	0.00	3487.44
MW - 23	02/13/13	3509.79	-	22.25	0.00	3487.54
MW - 23	05/22/13	3509.79	-	22.13	0.00	3487.66
MW - 23	08/12/13	3509.79	-	22.47	0.00	3487.32
MW - 23	11/20/13	3509.79	-	22.55	0.00	3487.24
MW - 23	02/04/14	3510.83	-	22.36	0.00	3488.47
MW - 23	05/14/14	3510.83	-	22.21	0.00	3488.62
MW - 23	07/22/14	3510.83	-	22.78	0.00	3488.05
MW - 23	08/05/14	3510.83	-	22.83	0.00	3488.00
MW - 23	10/27/14	3510.83	-	21.68	0.00	3489.15
MW - 23	11/19/14	3510.83	-	21.68	0.00	3489.15
MW - 23	02/09/15	3510.83	-	21.68	0.00	3489.15
MW - 23	03/20/15	3510.83	-	21.68	0.00	3489.15
MW - 23	04/04/15	3510.83	-	21.67	0.00	3489.16
MW - 23	05/27/15	3510.83	-	21.53	0.00	3489.30
MW - 23	07/09/15	3510.83	-	21.54	0.00	3489.29
MW - 23	08/03/15	3510.83	-	21.84	0.00	3488.99
MW - 23	09/24/15	3510.83	-	22.03	0.00	3488.80
MW - 23	11/18/15	3510.83	-	21.68	0.00	3489.15
MW - 23	01/08/16	3510.83	-	21.58	0.00	3489.25
MW - 23	02/23/16	3510.83	-	21.51	0.00	3489.32
MW - 23	04/08/16	3510.83	-	21.44	0.00	3489.39
MW - 23	06/06/16	3510.83	-	21.49	0.00	3489.34
MW - 23	06/28/16	3510.83	-	21.71	0.00	3489.12
MW - 23	07/27/16	3510.83	-	22.01	0.00	3488.82
MW - 23	08/03/16	3510.83	-	22.05	0.00	3488.78
MW - 23	09/27/16	3510.83	-	20.98	0.00	3489.85
MW - 23	10/21/16	3510.83	-	20.96	0.00	3489.87
MW - 23	11/09/16	3510.83	-	21.00	0.00	3489.83
MW - 23	01/26/17	3510.83	-	21.03	0.00	3489.80
MW - 23	02/28/17	3510.83	-	21.02	0.00	3489.81
MW - 23	03/15/17	3510.83	-	21.00	0.00	3489.83
MW - 23	05/23/17	3510.83	-	21.03	0.00	3489.80
MW - 23	07/20/17	3510.83	-	21.54	0.00	3489.29
MW - 23	08/16/17	3510.83	-	21.40	0.00	3489.43
MW - 23	09/13/17	3510.83	-	21.23	0.00	3489.60
MW - 23	10/12/17	3510.83	-	21.17	0.00	3489.66
MW - 23	11/14/17	3510.83	-	21.09	0.00	3489.74
MW - 23	12/20/17	3510.83	-	21.06	0.00	3489.77
MW - 23	01/09/18	3510.83	-	21.05	0.00	3489.78
MW - 23	02/08/18	3510.83	-	21.03	0.00	3489.80
MW - 23	03/29/18	3510.83	-	20.97	0.00	3489.86
MW - 23	04/16/18	3510.83	-	20.98	0.00	3489.85
MW - 23	05/21/18	3510.83	-	21.22	0.00	3489.61
MW - 23	06/18/18	3510.83	-	21.49	0.00	3489.34
MW - 23	07/11/18	3510.83	-	21.64	0.00	3489.19

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 23	08/08/18	3510.83	-	22.02	0.00	3488.81
MW - 23	09/12/18	3510.83	-	21.85	0.00	3488.98
MW - 23	11/12/18	3510.83	-	21.52	0.00	3489.31
MW - 23	02/12/19	3510.83	-	21.36	0.00	3489.47
MW - 23	03/12/19	3510.83	-	21.30	0.00	3489.53
MW - 23	04/01/19	3510.83	-	21.26	0.00	3489.57
MW - 23	05/07/19	3510.83	-	21.20	0.00	3489.63
MW - 23	06/14/19	3510.83	-	21.43	0.00	3489.40
MW - 23	07/11/19	3510.83	-	21.71	0.00	3489.12
MW - 23	08/07/19	3510.83	-	21.88	0.00	3488.95
MW - 23	09/12/19	3510.83	-	22.00	0.00	3488.83
MW - 23	10/15/19	3510.83	-	21.76	0.00	3489.07
MW - 23	11/06/19	3510.83	-	21.72	0.00	3489.11
MW - 23	12/17/19	3510.83	-	21.53	0.00	3489.30
MW - 23	01/06/20	3510.83	-	21.51	0.00	3489.32
MW - 23	03/04/20	3510.83	-	21.43	0.00	3489.40
MW - 23	05/14/20	3510.83	-	21.25	0.00	3489.58
MW - 23	06/17/20	3510.83	-	21.68	0.00	3489.15
MW - 23	07/21/20	3510.83	-	21.95	0.00	3488.88
MW - 23	08/12/20	3510.83	-	22.03	0.00	3488.80
MW - 23	09/14/20	3510.83	-	22.13	0.00	3488.70
MW - 23	12/09/20	3510.83	-	22.26	0.00	3488.57
MW - 23	01/13/21	3510.83	-	22.26	0.00	3488.57
MW - 23	02/10/21	3510.83	-	22.21	0.00	3488.62
MW - 23	04/21/21	3510.83	-	22.12	0.00	3488.71
MW - 23	06/10/21	3510.83	-	22.17	0.00	3488.66
MW - 23	09/22/21	3510.83	-	22.37	0.00	3488.46
MW - 23	10/14/21	3510.83	-	22.41	0.00	3488.42
MW - 23	12/06/21	3510.83	-	22.45	0.00	3488.38
MW - 24	06/20/02	3509.68	-	23.18	0.00	3486.50
MW - 24	09/26/02	3509.68	-	23.64	0.00	3486.04
MW - 24	11/12/02	3509.68	-	23.50	0.00	3486.18
MW - 24	02/12/03	3509.68	-	23.15	0.00	3486.53
MW - 24	05/14/03	3509.68	-	23.16	0.00	3486.52
MW - 24	08/21/03	3509.68	-	24.07	0.00	3485.61
MW - 24	12/10/03	3509.68	-	24.01	0.00	3485.67
MW - 24	02/11/04	3509.68	-	24.10	0.00	3485.58
MW - 24	05/11/04	3509.68	-	22.90	0.00	3486.78
MW - 24	08/25/04	3509.68	-	23.15	0.00	3486.53
MW - 24	12/03/04	3509.68	-	22.62	0.00	3487.06
MW - 24	03/08/05	3509.68	-	21.94	0.00	3487.74
MW - 24	06/08/05	3509.68	-	21.45	0.00	3488.23
MW - 24	09/15/05	3509.68	-	21.59	0.00	3488.09
MW - 24	12/12/05	3509.68	-	21.42	0.00	3488.26
MW - 24	03/16/06	3509.68	-	21.37	0.00	3488.31
MW - 24	06/15/06	3509.68	-	21.77	0.00	3487.91
MW - 24	09/18/06	3509.68	-	21.62	0.00	3488.06
MW - 24	11/30/06	3509.68	-	21.52	0.00	3488.16
MW - 24	02/27/07	3509.68	-	21.32	0.00	3488.36
MW - 24	05/22/07	3509.68	-	21.00	0.00	3488.68
MW - 24	08/15/07	3509.68	-	21.86	0.00	3487.82
MW - 24	11/06/07	3509.68	-	21.64	0.00	3488.04
MW - 24	02/12/08	3509.68	-	21.53	0.00	3488.15

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 24	05/13/08	3509.68	-	21.46	0.00	3488.22
MW - 24	08/14/08	3509.68	-	22.20	0.00	3487.48
MW - 24	11/12/08	3509.68	-	21.81	0.00	3487.87
MW - 24	02/10/09	3509.68	-	21.64	0.00	3488.04
MW - 24	05/12/09	3509.68	-	21.63	0.00	3488.05
MW - 24	08/10/09	3509.68	-	22.20	0.00	3487.48
MW - 24	11/18/09	3509.68	-	22.42	0.00	3487.26
MW - 24	01/04/10	3509.68	-	22.42	0.00	3487.26
MW - 24	02/09/10	3509.68	-	22.28	0.00	3487.40
MW - 24	05/12/10	3509.68	-	21.89	0.00	3487.79
MW - 24	08/11/10	3509.68	-	21.91	0.00	3487.77
MW - 24	11/11/10	3509.68	-	22.46	0.00	3487.22
MW - 24	02/16/11	3509.68	-	22.45	0.00	3487.23
MW - 24	05/19/11	3509.68	-	22.48	0.00	3487.20
MW - 24	08/10/11	3509.68	-	22.55	0.00	3487.13
MW - 24	11/14/11	3509.68	-	22.58	0.00	3487.10
MW - 24	02/29/12	3509.68	-	22.32	0.00	3487.36
MW - 24	05/02/12	3509.68	-	22.27	0.00	3487.41
MW - 24	12/06/12	3509.68	-	22.62	0.00	3487.06
MW - 24	02/13/13	3509.68	-	22.52	0.00	3487.16
MW - 24	05/22/13	3509.68	-	22.41	0.00	3487.27
MW - 24	08/12/13	3509.68	-	22.75	0.00	3486.93
MW - 24	11/20/13	3509.68	-	22.81	0.00	3486.87
MW - 24	02/04/14	3510.76	-	22.64	0.00	3488.12
MW - 24	05/14/14	3510.76	-	22.49	0.00	3488.27
MW - 24	07/22/14	3510.76	-	23.06	0.00	3487.70
MW - 24	08/05/14	3510.76	-	23.13	0.00	3487.63
MW - 24	10/27/14	3510.76	-	21.98	0.00	3488.78
MW - 24	11/19/14	3510.76	-	21.94	0.00	3488.82
MW - 24	02/09/15	3510.76	-	21.95	0.00	3488.81
MW - 24	03/20/15	3510.76	-	21.95	0.00	3488.81
MW - 24	04/04/15	3510.76	-	21.95	0.00	3488.81
MW - 24	05/27/15	3510.76	-	21.79	0.00	3488.97
MW - 24	07/09/15	3510.76	-	21.83	0.00	3488.93
MW - 24	08/03/15	3510.76	-	22.14	0.00	3488.62
MW - 24	09/24/15	3510.76	-	22.32	0.00	3488.44
MW - 24	11/18/15	3510.76	-	21.95	0.00	3488.81
MW - 24	01/08/16	3510.76	-	21.86	0.00	3488.90
MW - 24	02/23/16	3510.76	-	21.78	0.00	3488.98
MW - 24	04/08/16	3510.76	-	21.72	0.00	3489.04
MW - 24	06/06/16	3510.76	-	21.78	0.00	3488.98
MW - 24	06/28/16	3510.76	-	21.99	0.00	3488.77
MW - 24	07/27/16	3510.76	-	22.30	0.00	3488.46
MW - 24	08/03/16	3510.76	-	22.35	0.00	3488.41
MW - 24	09/27/16	3510.76	-	21.19	0.00	3489.57
MW - 24	10/21/16	3510.76	-	21.24	0.00	3489.52
MW - 24	11/08/16	3510.76	-	21.28	0.00	3489.48
MW - 24	01/26/17	3510.76	-	21.30	0.00	3489.46
MW - 24	02/28/17	3510.76	-	21.30	0.00	3489.46
MW - 24	03/15/17	3510.76	-	21.28	0.00	3489.48
MW - 24	05/23/17	3510.76	-	21.31	0.00	3489.45
MW - 24	07/20/17	3510.76	-	21.81	0.00	3488.95
MW - 24	08/16/17	3510.76	-	21.63	0.00	3489.13
MW - 24	09/13/17	3510.76	-	21.49	0.00	3489.27

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 24	10/12/17	3510.76	-	21.40	0.00	3489.36
MW - 24	11/14/17	3510.76	-	21.38	0.00	3489.38
MW - 24	12/20/17	3510.76	-	21.34	0.00	3489.42
MW - 24	01/09/18	3510.76	-	21.33	0.00	3489.43
MW - 24	02/07/18	3510.76	-	21.32	0.00	3489.44
MW - 24	03/29/18	3510.76	-	21.27	0.00	3489.49
MW - 24	04/16/18	3510.76	-	21.25	0.00	3489.51
MW - 24	05/21/18	3510.76	-	21.51	0.00	3489.25
MW - 24	06/18/18	3510.76	-	21.75	0.00	3489.01
MW - 24	07/11/18	3510.76	-	21.93	0.00	3488.83
MW - 24	08/08/18	3510.76	-	22.12	0.00	3488.64
MW - 24	09/12/18	3510.76	-	22.08	0.00	3488.68
MW - 24	11/12/18	3510.76	-	21.78	0.00	3488.98
MW - 24	01/09/19	3510.76	-	21.67	0.00	3489.09
MW - 24	02/12/19	3510.76	-	21.63	0.00	3489.13
MW - 24	03/12/19	3510.76	-	21.58	0.00	3489.18
MW - 24	04/01/19	3510.76	-	21.52	0.00	3489.24
MW - 24	05/07/19	3510.76	-	21.48	0.00	3489.28
MW - 24	06/14/19	3510.76	-	21.72	0.00	3489.04
MW - 24	07/11/19	3510.76	-	22.00	0.00	3488.76
MW - 24	08/07/19	3510.76	-	22.17	0.00	3488.59
MW - 24	09/12/19	3510.76	-	22.27	0.00	3488.49
MW - 24	10/15/19	3510.76	-	22.03	0.00	3488.73
MW - 24	11/06/19	3510.76	-	21.99	0.00	3488.77
MW - 24	12/17/19	3510.76	-	21.80	0.00	3488.96
MW - 24	01/06/20	3510.76	-	21.77	0.00	3488.99
MW - 24	03/04/20	3510.76	-	21.71	0.00	3489.05
MW - 24	05/14/20	3510.76	-	21.53	0.00	3489.23
MW - 25	06/20/02	3509.68	-	22.51	0.00	3487.17
MW - 25	09/26/02	3509.65	-	22.91	0.00	3486.74
MW - 25	11/12/02	3509.65	-	22.87	0.00	3486.78
MW - 25	02/12/03	3509.65	-	22.47	0.00	3487.18
MW - 25	05/14/03	3509.65	-	22.49	0.00	3487.16
MW - 25	08/21/03	3509.65	-	23.34	0.00	3486.31
MW - 25	12/10/03	3509.65	-	23.30	0.00	3486.35
MW - 25	02/11/04	3509.65	-	23.40	0.00	3486.25
MW - 25	05/11/04	3509.65	-	22.17	0.00	3487.48
MW - 25	08/25/04	3509.65	-	22.54	0.00	3487.11
MW - 25	12/03/04	3509.65	-	21.94	0.00	3487.71
MW - 25	03/08/05	3509.65	-	21.28	0.00	3488.37
MW - 25	06/08/05	3509.65	-	20.77	0.00	3488.88
MW - 25	09/15/05	3509.65	-	20.91	0.00	3488.74
MW - 25	12/12/05	3509.65	-	20.73	0.00	3488.92
MW - 25	03/16/06	3509.65	-	20.70	0.00	3488.95
MW - 25	06/15/06	3509.65	-	21.12	0.00	3488.53
MW - 25	09/18/06	3509.65	-	20.93	0.00	3488.72
MW - 25	11/30/06	3509.65	-	20.86	0.00	3488.79
MW - 25	02/27/07	3509.65	-	20.66	0.00	3488.99
MW - 25	05/22/07	3509.65	-	20.61	0.00	3489.04
MW - 25	08/15/07	3509.65	-	21.19	0.00	3488.46
MW - 25	11/06/07	3509.65	-	21.01	0.00	3488.64
MW - 25	02/12/08	3509.65	-	20.88	0.00	3488.77
MW - 25	05/13/08	3509.65	-	20.84	0.00	3488.81

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 25	08/14/08	3509.65	-	21.58	0.00	3488.07
MW - 25	11/12/08	3509.65	-	21.18	0.00	3488.47
MW - 25	02/10/09	3509.65	-	21.03	0.00	3488.62
MW - 25	05/12/09	3509.65	-	19.97	0.00	3489.68
MW - 25	08/10/09	3509.65	-	21.59	0.00	3488.06
MW - 25	11/18/09	3509.65	-	21.81	0.00	3487.84
MW - 25	01/04/10	3509.65	-	21.77	0.00	3487.88
MW - 25	02/09/10	3509.65	-	21.64	0.00	3488.01
MW - 25	05/12/10	3509.65	-	21.26	0.00	3488.39
MW - 25	08/11/10	3509.65	-	21.27	0.00	3488.38
MW - 25	11/11/10	3509.65	-	21.83	0.00	3487.82
MW - 25	02/16/11	3509.65	-	21.84	0.00	3487.81
MW - 25	05/19/11	3509.65	-	21.86	0.00	3487.79
MW - 25	08/10/11	3509.65	-	21.90	0.00	3487.75
MW - 25	11/14/11	3509.65	-	21.96	0.00	3487.69
MW - 25	02/29/12	3509.65	-	21.70	0.00	3487.95
MW - 25	05/02/12	3509.65	-	21.63	0.00	3488.02
MW - 25	12/06/12	3509.65	-	21.98	0.00	3487.67
MW - 25	02/13/13	3509.65	-	21.88	0.00	3487.77
MW - 25	05/22/13	3509.65	-	21.77	0.00	3487.88
MW - 25	08/12/13	3509.65	-	22.09	0.00	3487.56
MW - 25	11/20/13	3509.65	-	22.13	0.00	3487.52
MW - 25	02/04/14	3510.71	-	21.98	0.00	3488.73
MW - 25	05/14/14	3510.71	-	21.33	0.00	3489.38
MW - 25	07/22/14	3510.71	-	22.38	0.00	3488.33
MW - 25	08/05/14	3510.71	-	22.42	0.00	3488.29
MW - 25	10/27/14	3510.71	-	21.33	0.00	3489.38
MW - 25	11/19/14	3510.71	-	21.31	0.00	3489.40
MW - 25	02/09/15	3510.71	-	21.31	0.00	3489.40
MW - 25	03/20/15	3510.71	-	21.31	0.00	3489.40
MW - 25	04/04/15	3510.71	-	21.29	0.00	3489.42
MW - 25	05/27/15	3510.71	-	21.18	0.00	3489.53
MW - 25	07/09/15	3510.71	-	21.18	0.00	3489.53
MW - 25	08/03/15	3510.71	-	21.45	0.00	3489.26
MW - 25	09/24/15	3510.71	-	21.66	0.00	3489.05
MW - 25	11/18/15	3510.71	-	21.31	0.00	3489.40
MW - 25	01/08/16	3510.71	-	21.21	0.00	3489.50
MW - 25	02/23/16	3510.71	-	21.15	0.00	3489.56
MW - 25	04/08/16	3510.71	-	21.08	0.00	3489.63
MW - 25	06/06/16	3510.71	-	21.11	0.00	3489.60
MW - 25	06/28/16	3510.71	-	21.32	0.00	3489.39
MW - 25	07/27/16	3510.71	-	21.62	0.00	3489.09
MW - 25	08/03/16	3510.71	-	21.68	0.00	3489.03
MW - 25	09/27/16	3510.71	-	20.69	0.00	3490.02
MW - 25	10/21/16	3510.71	-	20.60	0.00	3490.11
MW - 25	11/09/16	3510.71	-	20.63	0.00	3490.08
MW - 25	01/26/17	3510.71	-	20.67	0.00	3490.04
MW - 25	02/28/17	3510.71	-	20.66	0.00	3490.05
MW - 25	03/15/17	3510.71	-	20.64	0.00	3490.07
MW - 25	05/23/17	3510.71	-	20.67	0.00	3490.04
MW - 25	07/20/17	3510.71	-	21.17	0.00	3489.54
MW - 25	08/16/17	3510.71	-	21.06	0.00	3489.65
MW - 25	09/13/17	3510.71	-	20.86	0.00	3489.85
MW - 25	10/12/17	3510.71	-	20.82	0.00	3489.89

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 25	11/14/17	3510.71	-	20.74	0.00	3489.97
MW - 25	12/20/17	3510.71	-	20.70	0.00	3490.01
MW - 25	01/09/18	3510.71	-	20.68	0.00	3490.03
MW - 25	02/07/18	3510.71	-	19.67	0.00	3491.04
MW - 25	03/29/18	3510.71	-	20.63	0.00	3490.08
MW - 25	04/16/18	3510.71	-	20.60	0.00	3490.11
MW - 25	05/21/18	3510.71	-	20.84	0.00	3489.87
MW - 25	06/18/18	3510.71	-	21.11	0.00	3489.60
MW - 25	07/11/18	3510.71	-	21.28	0.00	3489.43
MW - 25	08/08/18	3510.71	-	21.44	0.00	3489.27
MW - 25	09/12/18	3510.71	-	21.49	0.00	3489.22
MW - 25	11/12/18	3510.71	-	21.17	0.00	3489.54
MW - 25	11/25/18	3510.71	-	21.17	0.00	3489.54
MW - 25	01/09/19	3510.71	-	21.03	0.00	3489.68
MW - 25	02/12/19	3510.71	-	20.99	0.00	3489.72
MW - 25	03/12/19	3510.71	-	20.94	0.00	3489.77
MW - 25	04/01/19	3510.71	-	20.90	0.00	3489.81
MW - 25	05/07/19	3510.71	-	20.83	0.00	3489.88
MW - 25	06/14/19	3510.71	-	21.05	0.00	3489.66
MW - 25	07/11/19	3510.71	-	21.35	0.00	3489.36
MW - 25	08/07/19	3510.71	-	21.51	0.00	3489.20
MW - 25	09/12/19	3510.71	-	21.63	0.00	3489.08
MW - 25	10/15/19	3510.71	-	21.42	0.00	3489.29
MW - 25	11/06/19	3510.71	-	21.36	0.00	3489.35
MW - 25	12/17/19	3510.71	-	21.17	0.00	3489.54
MW - 25	01/06/20	3510.71	-	21.15	0.00	3489.56
MW - 25	03/04/20	3510.71	-	21.06	0.00	3489.65
MW - 25	05/14/20	3510.71	-	20.89	0.00	3489.82
MW - 25	06/17/20	3510.71	-	21.30	0.00	3489.41
MW - 25	07/21/20	3510.71	-	21.56	0.00	3489.15
MW - 25	08/12/20	3510.71	-	21.66	0.00	3489.05
MW - 25	09/14/20	3510.71	-	21.77	0.00	3488.94
MW - 25	12/09/20	3510.71	-	21.89	0.00	3488.82
MW - 25	01/13/21	3510.71	-	21.90	0.00	3488.81
MW - 25	02/10/21	3510.71	-	21.84	0.00	3488.87
MW - 25	04/21/21	3510.71	-	21.75	0.00	3488.96
MW - 25	06/10/21	3510.71	-	21.80	0.00	3488.91
MW - 25	09/22/21	3510.71	-	22.00	0.00	3488.71
MW - 25	10/14/21	3510.71	-	22.03	0.00	3488.68
MW - 25	12/06/21	3510.71	-	22.07	0.00	3488.64
MW - 26	06/20/02	3507.49	-	20.12	0.00	3487.37
MW - 26	09/26/02	3507.49	-	20.52	0.00	3486.97
MW - 26	11/12/02	3507.49	-	20.44	0.00	3487.05
MW - 26	02/12/03	3507.49	-	20.13	0.00	3487.36
MW - 26	05/14/03	3507.49	-	20.18	0.00	3487.31
MW - 26	08/21/03	3507.49	-	20.91	0.00	3486.58
MW - 26	12/10/03	3507.49	-	20.86	0.00	3486.63
MW - 26	02/11/04	3507.49	-	21.04	0.00	3486.45
MW - 26	05/11/04	3507.49	-	19.80	0.00	3487.69
MW - 26	08/25/04	3507.49	-	20.18	0.00	3487.31
MW - 26	12/03/04	3507.49	-	19.51	0.00	3487.98
MW - 26	03/08/05	3507.49	-	18.96	0.00	3488.53
MW - 26	06/08/05	3507.49	-	18.51	0.00	3488.98

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 26	09/15/05	3507.49	-	18.63	0.00	3488.86
MW - 26	12/12/05	3507.49	-	18.47	0.00	3489.02
MW - 26	03/16/06	3507.49	-	18.44	0.00	3489.05
MW - 26	06/15/06	3507.49	-	18.80	0.00	3488.69
MW - 26	09/18/06	3507.49	-	18.60	0.00	3488.89
MW - 26	09/29/06	3507.49	-	18.61	0.00	3488.88
MW - 26	11/30/06	3507.49	-	18.56	0.00	3488.93
MW - 26	02/12/07	3507.49	-	18.42	0.00	3489.07
MW - 26	02/19/07	3507.49	-	18.42	0.00	3489.07
MW - 26	02/27/07	3507.49	-	18.42	0.00	3489.07
MW - 26	03/05/07	3507.49	-	18.44	0.00	3489.05
MW - 26	03/19/07	3507.49	-	18.40	0.00	3489.09
MW - 26	05/22/07	3507.49	-	18.17	0.00	3489.32
MW - 26	08/15/07	3507.49	-	18.88	0.00	3488.61
MW - 26	11/06/07	3507.49	-	18.69	0.00	3488.80
MW - 26	02/12/08	3507.49	-	18.55	0.00	3488.94
MW - 26	05/13/08	3507.49	-	18.55	0.00	3488.94
MW - 26	08/14/08	3507.49	-	19.24	0.00	3488.25
MW - 26	11/12/08	3507.49	-	18.80	0.00	3488.69
MW - 26	02/10/09	3507.49	-	18.66	0.00	3488.83
MW - 26	05/12/09	3507.49	-	18.61	0.00	3488.88
MW - 26	08/10/09	3507.49	-	19.18	0.00	3488.31
MW - 26	11/18/09	3507.49	-	19.47	0.00	3488.02
MW - 26	01/04/10	3507.49	-	19.46	0.00	3488.03
MW - 26	02/09/10	3507.49	-	19.29	0.00	3488.20
MW - 26	05/12/10	3507.49	-	18.89	0.00	3488.60
MW - 26	08/11/10	3507.49	-	18.88	0.00	3488.61
MW - 26	11/11/10	3507.49	-	19.47	0.00	3488.02
MW - 26	02/16/11	3507.49	-	19.47	0.00	3488.02
MW - 26	05/19/11	3507.49	-	19.50	0.00	3487.99
MW - 26	08/10/11	3507.49	-	19.51	0.00	3487.98
MW - 26	11/14/11	3507.49	-	19.60	0.00	3487.89
MW - 26	02/29/12	3507.49	-	19.34	0.00	3488.15
MW - 26	05/02/12	3507.49	-	19.25	0.00	3488.24
MW - 26	12/06/12	3507.49	-	19.61	0.00	3487.88
MW - 26	02/13/13	3507.49	-	19.50	0.00	3487.99
MW - 26	05/22/13	3507.49	-	19.35	0.00	3488.14
MW - 26	08/12/13	3507.49	-	19.68	0.00	3487.81
MW - 26	11/20/13	3507.49	-	19.77	0.00	3487.72
MW - 26	02/04/14	3508.57	-	19.60	0.00	3488.97
MW - 26	05/14/14	3508.57	-	19.44	0.00	3489.13
MW - 26	07/22/14	3508.57	-	19.98	0.00	3488.59
MW - 26	08/05/14	3508.57	-	20.04	0.00	3488.53
MW - 26	10/27/14	3508.57	-	18.85	0.00	3489.72
MW - 26	11/19/14	3508.57	-	18.93	0.00	3489.64
MW - 26	02/09/15	3508.57	-	18.93	0.00	3489.64
MW - 26	03/20/15	3508.57	-	18.92	0.00	3489.65
MW - 26	04/04/15	3508.57	-	18.90	0.00	3489.67
MW - 26	05/27/15	3508.57	-	18.75	0.00	3489.82
MW - 26	07/09/15	3508.57	-	18.72	0.00	3489.85
MW - 26	08/03/15	3508.57	-	19.00	0.00	3489.57
MW - 26	09/24/15	3508.57	-	19.23	0.00	3489.34
MW - 26	11/18/15	3508.57	-	18.90	0.00	3489.67
MW - 26	01/08/16	3508.57	-	18.81	0.00	3489.76

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 26	02/23/16	3508.57	-	18.76	0.00	3489.81
MW - 26	04/08/16	3508.57	-	18.68	0.00	3489.89
MW - 26	06/06/16	3508.57	-	18.69	0.00	3489.88
MW - 26	06/28/16	3508.57	-	18.86	0.00	3489.71
MW - 26	07/27/16	3508.57	-	19.18	0.00	3489.39
MW - 26	08/03/16	3508.57	-	19.23	0.00	3489.34
MW - 26	09/27/16	3508.57	-	18.10	0.00	3490.47
MW - 26	10/21/16	3508.57	-	18.12	0.00	3490.45
MW - 26	11/09/16	3508.57	-	18.18	0.00	3490.39
MW - 26	01/26/17	3508.57	-	18.28	0.00	3490.29
MW - 26	03/01/17	3508.57	-	18.24	0.00	3490.33
MW - 26	03/15/17	3508.57	-	18.25	0.00	3490.32
MW - 26	05/23/17	3508.57	-	18.26	0.00	3490.31
MW - 26	07/20/17	3508.57	-	18.73	0.00	3489.84
MW - 26	08/16/17	3508.57	-	18.62	0.00	3489.95
MW - 26	09/13/17	3508.57	-	18.42	0.00	3490.15
MW - 26	10/12/17	3508.57	-	18.36	0.00	3490.21
MW - 26	11/14/17	3508.57	-	18.37	0.00	3490.20
MW - 26	12/20/17	3508.57	-	18.32	0.00	3490.25
MW - 26	01/09/18	3508.57	-	18.30	0.00	3490.27
MW - 26	02/08/18	3508.57	-	18.31	0.00	3490.26
MW - 26	03/29/18	3508.57	-	18.24	0.00	3490.33
MW - 26	04/16/18	3508.57	-	18.23	0.00	3490.34
MW - 26	05/21/18	3508.57	-	18.40	0.00	3490.17
MW - 26	06/18/18	3508.57	-	18.67	0.00	3489.90
MW - 26	07/11/18	3508.57	-	18.83	0.00	3489.74
MW - 26	08/08/18	3508.57	-	19.01	0.00	3489.56
MW - 26	11/12/18	3508.57	-	18.76	0.00	3489.81
MW - 26	01/09/19	3508.57	-	18.65	0.00	3489.92
MW - 26	02/12/19	3508.57	-	18.62	0.00	3489.95
MW - 26	03/12/19	3508.57	-	18.55	0.00	3490.02
MW - 26	04/01/19	3508.57	-	18.50	0.00	3490.07
MW - 26	05/08/19	3508.57	-	18.42	0.00	3490.15
MW - 26	06/14/19	3508.57	-	18.63	0.00	3489.94
MW - 26	07/11/19	3508.57	-	18.92	0.00	3489.65
MW - 26	08/07/19	3508.57	-	19.07	0.00	3489.50
MW - 26	09/12/19	3508.57	-	19.23	0.00	3489.34
MW - 26	10/15/19	3508.57	-	18.99	0.00	3489.58
MW - 26	11/06/19	3508.57	-	18.97	0.00	3489.60
MW - 26	12/17/19	3508.57	-	18.79	0.00	3489.78
MW - 26	01/06/20	3508.57	-	18.76	0.00	3489.81
MW - 26	03/04/20	3508.57	-	18.69	0.00	3489.88
MW - 26	05/14/20	3508.57	-	18.46	0.00	3490.11
MW - 26	06/17/20	3508.57	-	18.84	0.00	3489.73
MW - 26	07/21/20	3508.57	-	19.14	0.00	3489.43
MW - 26	08/12/20	3508.57	-	19.27	0.00	3489.30
MW - 26	09/14/20	3508.57	-	19.38	0.00	3489.19
MW - 26	12/08/20	3508.57	-	19.55	0.00	3489.02
MW - 26	01/13/21	3508.57	-	19.53	0.00	3489.04
MW - 26	02/10/21	3508.57	-	19.48	0.00	3489.09
MW - 26	04/21/21	3508.57	-	19.38	0.00	3489.19
MW - 26	06/10/21	3508.57	-	19.37	0.00	3489.20
MW - 26	09/22/21	3508.57	-	19.61	0.00	3488.96
MW - 26	10/14/21	3508.57	-	19.64	0.00	3488.93

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 26	12/06/21	3508.57	-	19.71	0.00	3488.86
MW - 27	06/20/02	3507.66	-	20.59	0.00	3487.07
MW - 27	09/26/02	3507.66	-	21.80	0.00	3485.86
MW - 27	11/12/02	3507.66	-	20.94	0.00	3486.72
MW - 27	02/12/03	3507.66	-	20.58	0.00	3487.08
MW - 27	05/14/03	3507.66	-	21.62	0.00	3486.04
MW - 27	08/21/03	3507.66	-	21.44	0.00	3486.22
MW - 27	12/10/03	3507.66	-	21.58	0.00	3486.08
MW - 27	02/11/04	3507.66	-	21.53	0.00	3486.13
MW - 27	05/11/04	3507.66	-	20.34	0.00	3487.32
MW - 27	08/25/04	3507.66	-	20.59	0.00	3487.07
MW - 27	12/03/04	3507.66	-	20.05	0.00	3487.61
MW - 27	03/08/05	3507.66	-	19.43	0.00	3488.23
MW - 27	06/08/05	3507.66	-	18.95	0.00	3488.71
MW - 27	09/15/05	3507.66	-	19.08	0.00	3488.58
MW - 27	12/12/05	3507.66	-	18.92	0.00	3488.74
MW - 27	03/16/06	3507.66	-	18.88	0.00	3488.78
MW - 27	06/15/06	3507.66	-	19.24	0.00	3488.42
MW - 27	09/18/06	3507.66	-	19.04	0.00	3488.62
MW - 27	11/30/06	3507.66	-	19.05	0.00	3488.61
MW - 27	02/27/07	3507.66	-	18.85	0.00	3488.81
MW - 27	05/22/07	3507.66	-	18.74	0.00	3488.92
MW - 27	08/15/07	3507.66	-	19.24	0.00	3488.42
MW - 27	11/06/07	3507.66	-	19.11	0.00	3488.55
MW - 27	02/12/08	3507.66	-	18.97	0.00	3488.69
MW - 27	05/13/08	3507.66	-	20.05	0.00	3487.61
MW - 27	08/14/08	3507.66	-	19.64	0.00	3488.02
MW - 27	11/12/08	3507.66	-	19.24	0.00	3488.42
MW - 27	02/10/09	3507.66	-	19.12	0.00	3488.54
MW - 27	05/12/09	3507.66	-	19.04	0.00	3488.62
MW - 27	08/10/09	3507.66	-	19.63	0.00	3488.03
MW - 27	11/18/09	3507.66	-	19.90	0.00	3487.76
MW - 27	01/04/10	3507.66	-	19.87	0.00	3487.79
MW - 27	02/09/10	3507.66	-	19.73	0.00	3487.93
MW - 27	05/12/10	3507.66	-	19.33	0.00	3488.33
MW - 27	08/11/10	3507.66	-	19.33	0.00	3488.33
MW - 27	11/11/10	3507.66	-	19.89	0.00	3487.77
MW - 27	02/16/11	3507.66	-	19.91	0.00	3487.75
MW - 27	05/19/11	3507.66	-	19.94	0.00	3487.72
MW - 27	08/10/11	3507.66	-	19.96	0.00	3487.70
MW - 27	11/14/11	3507.66	-	20.04	0.00	3487.62
MW - 27	02/29/12	3507.66	-	19.78	0.00	3487.88
MW - 27	05/02/12	3507.66	-	19.70	0.00	3487.96
MW - 27	12/06/12	3507.66	-	20.07	0.00	3487.59
MW - 27	02/13/13	3507.66	-	19.95	0.00	3487.71
MW - 27	05/22/13	3507.66	-	19.81	0.00	3487.85
MW - 27	08/12/13	3507.66	-	20.23	0.00	3487.43
MW - 27	11/20/13	3507.66	-	20.24	0.00	3487.42
MW - 27	02/04/14	3508.73	-	20.06	0.00	3488.67
MW - 27	05/14/14	3508.73	-	19.00	0.00	3489.73
MW - 27	07/22/14	3508.73	-	20.46	0.00	3488.27
MW - 27	08/05/14	3508.73	-	20.52	0.00	3488.21
MW - 27	10/27/14	3508.73	-	19.31	0.00	3489.42

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 27	11/19/14	3508.73	-	19.28	0.00	3489.45
MW - 27	02/09/15	3508.73	-	19.38	0.00	3489.35
MW - 27	03/20/15	3508.73	-	19.38	0.00	3489.35
MW - 27	04/04/15	3508.73	-	19.35	0.00	3489.38
MW - 27	05/27/15	3508.73	-	19.17	0.00	3489.56
MW - 27	07/09/15	3508.73	-	19.16	0.00	3489.57
MW - 27	08/03/15	3508.73	-	19.46	0.00	3489.27
MW - 27	09/24/15	3508.73	-	19.69	0.00	3489.04
MW - 27	11/18/15	3508.73	-	19.34	0.00	3489.39
MW - 27	01/08/16	3508.73	-	19.26	0.00	3489.47
MW - 27	02/23/16	3508.73	-	19.19	0.00	3489.54
MW - 27	04/08/16	3508.73	-	19.12	0.00	3489.61
MW - 27	06/06/16	3508.73	-	19.15	0.00	3489.58
MW - 27	06/28/16	3508.73	-	19.31	0.00	3489.42
MW - 27	07/27/16	3508.73	-	19.63	0.00	3489.10
MW - 27	08/03/16	3508.73	-	19.70	0.00	3489.03
MW - 27	09/27/16	3508.73	-	18.46	0.00	3490.27
MW - 27	10/21/16	3508.73	-	18.55	0.00	3490.18
MW - 27	11/09/16	3508.73	-	18.63	0.00	3490.10
MW - 27	01/26/17	3508.73	-	18.72	0.00	3490.01
MW - 27	02/28/17	3508.73	-	18.70	0.00	3490.03
MW - 27	03/15/17	3508.73	-	18.68	0.00	3490.05
MW - 27	05/23/17	3508.73	-	18.69	0.00	3490.04
MW - 27	07/20/17	3508.73	-	19.16	0.00	3489.57
MW - 27	08/16/17	3508.73	-	19.01	0.00	3489.72
MW - 27	09/13/17	3508.73	-	18.86	0.00	3489.87
MW - 27	10/12/17	3508.73	-	18.78	0.00	3489.95
MW - 27	11/14/17	3508.73	-	18.77	0.00	3489.96
MW - 27	12/20/17	3508.73	-	18.75	0.00	3489.98
MW - 27	01/09/18	3508.73	-	18.74	0.00	3489.99
MW - 27	02/07/18	3508.73	-	18.73	0.00	3490.00
MW - 27	03/29/18	3508.73	-	19.66	0.00	3489.07
MW - 27	04/16/18	3508.73	-	18.64	0.00	3490.09
MW - 27	05/21/18	3508.73	-	18.86	0.00	3489.87
MW - 27	06/18/18	3508.73	-	19.11	0.00	3489.62
MW - 27	07/11/18	3508.73	-	19.26	0.00	3489.47
MW - 27	08/08/18	3508.73	-	19.44	0.00	3489.29
MW - 27	09/12/18	3508.73	-	19.50	0.00	3489.23
MW - 27	11/12/18	3508.73	-	19.12	0.00	3489.61
MW - 27	01/09/19	3508.73	-	19.08	0.00	3489.65
MW - 27	02/12/19	3508.73	-	19.03	0.00	3489.70
MW - 27	03/12/19	3508.73	-	18.97	0.00	3489.76
MW - 27	04/01/19	3508.73	-	18.93	0.00	3489.80
MW - 27	05/07/19	3508.73	-	18.86	0.00	3489.87
MW - 27	06/14/19	3508.73	-	19.08	0.00	3489.65
MW - 27	07/11/19	3508.73	-	19.37	0.00	3489.36
MW - 27	08/07/19	3508.73	-	19.52	0.00	3489.21
MW - 27	09/12/19	3508.73	-	19.67	0.00	3489.06
MW - 27	10/15/19	3508.73	-	19.41	0.00	3489.32
MW - 27	11/06/19	3508.73	-	19.40	0.00	3489.33
MW - 27	12/17/19	3508.73	-	19.22	0.00	3489.51
MW - 27	01/06/20	3508.73	-	19.20	0.00	3489.53
MW - 27	03/04/20	3508.73	-	19.12	0.00	3489.61
MW - 27	05/14/20	3508.73	-	18.91	0.00	3489.82

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 27	06/17/20	3508.73	-	19.30	0.00	3489.43
MW - 27	07/21/20	3508.73	-	19.66	0.00	3489.07
MW - 27	08/12/20	3508.73	-	19.72	0.00	3489.01
MW - 27	09/14/20	3508.73	-	19.84	0.00	3488.89
MW - 27	12/09/20	3508.73	-	19.99	0.00	3488.74
MW - 27	01/13/21	3508.73	-	19.99	0.00	3488.74
MW - 27	02/10/21	3508.73	-	19.92	0.00	3488.81
MW - 27	04/21/21	3508.73	-	19.83	0.00	3488.90
MW - 27	06/10/21	3508.73	-	19.84	0.00	3488.89
MW - 27	09/22/21	3508.73	-	20.05	0.00	3488.68
MW - 27	10/14/21	3508.73	-	20.09	0.00	3488.64
MW - 27	12/06/21	3508.73	-	20.16	0.00	3488.57
MW - 28	06/20/02	3508.37	-	20.98	0.00	3487.39
MW - 28	09/26/02	3508.37	-	21.42	0.00	3486.95
MW - 28	11/12/02	3508.37	-	21.35	0.00	3487.02
MW - 28	02/12/03	3508.37	-	20.86	0.00	3487.51
MW - 28	05/14/03	3508.37	-	21.19	0.00	3487.18
MW - 28	08/21/03	3508.37	-	21.86	0.00	3486.51
MW - 28	12/10/03	3508.37	-	21.83	0.00	3486.54
MW - 28	02/11/04	3508.37	-	21.92	0.00	3486.45
MW - 28	05/11/04	3508.37	-	19.75	0.00	3488.62
MW - 28	08/25/04	3508.37	-	21.07	0.00	3487.30
MW - 28	12/03/04	3508.37	-	20.41	0.00	3487.96
MW - 28	03/08/05	3508.37	-	19.89	0.00	3488.48
MW - 28	06/08/05	3508.37	-	19.41	0.00	3488.96
MW - 28	09/15/05	3508.37	-	19.54	0.00	3488.83
MW - 28	12/12/05	3508.37	-	19.40	0.00	3488.97
MW - 28	03/16/06	3508.37	-	19.35	0.00	3489.02
MW - 28	06/15/06	3508.37	-	19.69	0.00	3488.68
MW - 28	09/18/06	3508.37	-	19.51	0.00	3488.86
MW - 28	11/30/06	3508.37	-	19.46	0.00	3488.91
MW - 28	02/27/07	3508.37	-	19.33	0.00	3489.04
MW - 28	05/22/07	3508.37	-	19.18	0.00	3489.19
MW - 28	08/15/07	3508.37	-	19.76	0.00	3488.61
MW - 28	11/06/07	3508.37	-	19.59	0.00	3488.78
MW - 28	02/12/08	3508.37	-	19.44	0.00	3488.93
MW - 28	05/13/08	3508.37	-	19.40	0.00	3488.97
MW - 28	08/14/08	3508.37	-	20.12	0.00	3488.25
MW - 28	11/12/08	3508.37	-	19.70	0.00	3488.67
MW - 28	02/10/09	3508.37	-	19.56	0.00	3488.81
MW - 28	05/12/09	3508.37	-	19.49	0.00	3488.88
MW - 28	08/10/09	3508.37	-	20.04	0.00	3488.33
MW - 28	11/18/09	3508.37	-	20.36	0.00	3488.01
MW - 28	01/04/10	3508.37	-	20.31	0.00	3488.06
MW - 28	02/09/10	3508.37	-	20.17	0.00	3488.20
MW - 28	05/12/10	3508.37	-	19.79	0.00	3488.58
MW - 28	08/11/10	3508.37	-	19.78	0.00	3488.59
MW - 28	11/11/10	3508.37	-	20.34	0.00	3488.03
MW - 28	02/16/11	3508.37	-	20.36	0.00	3488.01
MW - 28	05/19/11	3508.37	-	20.36	0.00	3488.01
MW - 28	08/10/11	3508.37	-	20.36	0.00	3488.01
MW - 28	11/14/11	3508.37	-	20.46	0.00	3487.91
MW - 28	02/29/12	3508.37	-	20.20	0.00	3488.17

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 28	05/02/12	3508.37	-	20.11	0.00	3488.26
MW - 28	12/06/12	3508.37	-	20.48	0.00	3487.89
MW - 28	02/13/13	3508.37	-	20.37	0.00	3488.00
MW - 28	05/22/13	3508.37	-	20.21	0.00	3488.16
MW - 28	08/12/13	3508.37	-	20.54	0.00	3487.83
MW - 28	11/20/13	3508.37	-	20.65	0.00	3487.72
MW - 28	02/04/14	3509.44	-	20.46	0.00	3488.98
MW - 28	05/14/14	3509.44	-	20.29	0.00	3489.15
MW - 28	07/22/14	3509.44	-	20.85	0.00	3488.59
MW - 28	08/05/14	3509.44	-	20.91	0.00	3488.53
MW - 28	10/27/14	3509.44	-	19.71	0.00	3489.73
MW - 28	11/19/14	3509.44	-	19.68	0.00	3489.76
MW - 28	03/20/15	3509.44	-	19.80	0.00	3489.64
MW - 28	04/04/15	3509.44	-	19.77	0.00	3489.67
MW - 28	05/27/15	3509.44	-	19.60	0.00	3489.84
MW - 28	07/09/15	3509.44	-	19.59	0.00	3489.85
MW - 28	08/03/15	3509.44	-	19.85	0.00	3489.59
MW - 28	09/24/15	3509.44	-	20.09	0.00	3489.35
MW - 28	11/18/15	3509.44	-	19.76	0.00	3489.68
MW - 28	01/08/16	3509.44	-	19.67	0.00	3489.77
MW - 28	02/23/16	3509.44	-	19.62	0.00	3489.82
MW - 28	04/08/16	3509.44	-	19.54	0.00	3489.90
MW - 28	06/06/16	3509.44	-	19.55	0.00	3489.89
MW - 28	06/28/16	3509.44	-	19.72	0.00	3489.72
MW - 28	07/27/16	3509.44	-	20.04	0.00	3489.40
MW - 28	08/03/16	3509.44	-	20.08	0.00	3489.36
MW - 28	09/27/16	3509.44	-	18.92	0.00	3490.52
MW - 28	10/21/16	3509.44	-	18.98	0.00	3490.46
MW - 28	11/08/16	3509.44	-	19.05	0.00	3490.39
MW - 28	01/26/17	3509.44	-	19.15	0.00	3490.29
MW - 28	02/28/17	3509.44	-	19.14	0.00	3490.30
MW - 28	03/15/17	3509.44	-	19.11	0.00	3490.33
MW - 28	05/23/17	3509.44	-	19.10	0.00	3490.34
MW - 28	07/20/17	3509.44	-	19.57	0.00	3489.87
MW - 28	08/16/17	3509.44	-	19.44	0.00	3490.00
MW - 28	09/13/17	3509.44	-	19.27	0.00	3490.17
MW - 28	10/12/17	3509.44	-	19.22	0.00	3490.22
MW - 28	11/14/17	3509.44	-	19.21	0.00	3490.23
MW - 28	12/20/17	3509.44	-	19.19	0.00	3490.25
MW - 28	01/09/18	3509.44	-	19.16	0.00	3490.28
MW - 28	02/07/18	3509.44	-	19.16	0.00	3490.28
MW - 28	03/29/18	3509.44	-	19.11	0.00	3490.33
MW - 28	04/16/18	3509.44	-	19.09	0.00	3490.35
MW - 28	05/21/18	3509.44	-	19.24	0.00	3490.20
MW - 28	06/18/18	3509.44	-	19.52	0.00	3489.92
MW - 28	07/11/18	3509.44	-	19.68	0.00	3489.76
MW - 28	08/08/18	3509.44	-	19.86	0.00	3489.58
MW - 28	09/12/18	3509.44	-	19.95	0.00	3489.49
MW - 28	11/12/18	3509.44	-	19.63	0.00	3489.81
MW - 28	01/09/19	3509.44	-	19.52	0.00	3489.92
MW - 28	02/12/19	3509.44	-	19.49	0.00	3489.95
MW - 28	03/12/19	3509.44	-	19.42	0.00	3490.02
MW - 28	04/01/19	3509.44	-	19.36	0.00	3490.08
MW - 28	05/07/19	3509.44	-	19.29	0.00	3490.15

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 28	06/14/19	3509.44	-	19.48	0.00	3489.96
MW - 28	07/11/19	3509.44	-	19.77	0.00	3489.67
MW - 28	08/07/19	3509.44	-	19.91	0.00	3489.53
MW - 28	09/12/19	3509.44	-	20.08	0.00	3489.36
MW - 28	10/15/19	3509.44	-	19.81	0.00	3489.63
MW - 28	11/06/19	3509.44	-	19.82	0.00	3489.62
MW - 28	12/17/19	3509.44	-	19.65	0.00	3489.79
MW - 28	01/06/20	3509.44	-	19.62	0.00	3489.82
MW - 28	03/04/20	3509.44	-	19.55	0.00	3489.89
MW - 28	05/14/20	3509.44	-	19.32	0.00	3490.12
MW - 28	06/17/20	3509.44	-	19.68	0.00	3489.76
MW - 28	07/21/20	3509.44	-	19.99	0.00	3489.45
MW - 28	08/13/20	3509.44	-	20.11	0.00	3489.33
MW - 28	09/14/20	3509.44	-	20.23	0.00	3489.21
MW - 28	12/09/20	3509.44	-	20.41	0.00	3489.03
MW - 28	01/13/21	3509.44	-	20.39	0.00	3489.05
MW - 28	02/10/21	3509.44	-	20.33	0.00	3489.11
MW - 28	04/21/21	3509.44	-	20.23	0.00	3489.21
MW - 28	06/09/21	3509.44	-	20.21	0.00	3489.23
MW - 28	09/22/21	3509.44	-	20.44	0.00	3489.00
MW - 28	10/14/21	3509.44	-	20.48	0.00	3488.96
MW - 28	12/06/21	3509.44	-	20.56	0.00	3488.88
RW - 1	11/06/02	3507.27	20.20	20.82	0.62	3486.98
RW - 1	11/12/02	3507.27	20.06	20.26	0.20	3487.18
RW - 1	01/07/03	3507.27	19.62	21.18	1.56	3487.42
RW - 1	01/27/03	3507.27	19.65	20.35	0.70	3487.52
RW - 1	02/26/03	3507.27	19.62	20.22	0.60	3487.56
RW - 1	03/11/03	3507.27	19.69	20.55	0.86	3487.45
RW - 1	03/19/03	3507.27	19.65	20.70	1.05	3487.46
RW - 1	03/25/03	3507.27	19.55	20.71	1.16	3487.55
RW - 1	04/16/03	3507.27	19.70	20.28	0.58	3487.48
RW - 1	04/23/03	3507.27	19.53	20.39	0.86	3487.61
RW - 1	04/29/03	3507.27	19.55	20.45	0.90	3487.59
RW - 1	05/14/03	3507.27	19.74	20.24	0.50	3487.46
RW - 1	05/20/03	3507.27	20.12	20.41	0.29	3487.11
RW - 1	05/27/03	3507.27	19.93	20.12	0.19	3487.31
RW - 1	06/04/03	3507.27	19.81	20.40	0.59	3487.37
RW - 1	06/26/03	3507.27	19.51	20.22	0.71	3487.65
RW - 1	07/07/03	3507.27	20.22	21.21	0.99	3486.90
RW - 1	07/30/03	3507.27	20.33	20.63	0.30	3486.90
RW - 1	08/06/03	3507.27	20.56	20.89	0.33	3486.66
RW - 1	08/21/03	3507.27	20.77	21.02	0.25	3486.46
RW - 1	08/27/03	3507.27	21.02	21.06	0.04	3486.24
RW - 1	09/08/03	3507.27	20.68	20.99	0.31	3486.54
RW - 1	09/15/03	3507.27	20.62	20.96	0.34	3486.60
RW - 1	09/24/03	3507.27	21.09	21.12	0.03	3486.18
RW - 1	10/02/03	3507.27	20.86	20.92	0.06	3486.40
RW - 1	10/08/03	3507.27	20.75	20.80	0.05	3486.51
RW - 1	10/16/03	3507.27	21.07	21.10	0.03	3486.20
RW - 1	10/28/03	3507.27	21.14	21.16	0.02	3486.13
RW - 1	11/11/03	3507.27	-	21.21	0.00	3486.06
RW - 1	11/18/03	3507.27	21.03	21.04	0.01	3486.24
RW - 1	12/10/03	3507.27	20.73	20.98	0.25	3486.50

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	02/02/04	3507.27	21.20	21.26	0.06	3486.06
RW - 1	02/26/04	3507.27	20.68	20.80	0.12	3486.57
RW - 1	03/16/04	3507.27	20.89	21.31	0.42	3486.32
RW - 1	03/19/04	3507.27	20.81	21.14	0.33	3486.41
RW - 1	03/25/04	3507.27	20.85	21.35	0.50	3486.35
RW - 1	04/01/04	3507.27	20.77	21.36	0.59	3486.41
RW - 1	04/08/04	3507.27	20.73	21.20	0.47	3486.47
RW - 1	04/14/04	3507.27	19.88	20.39	0.51	3487.31
RW - 1	04/16/04	3507.27	20.04	20.48	0.44	3487.16
RW - 1	04/22/04	3507.27	19.29	19.71	0.42	3487.92
RW - 1	04/29/04	3507.27	19.32	19.84	0.52	3487.87
RW - 1	05/11/04	3507.27	19.84	19.87	0.03	3487.43
RW - 1	08/04/04	3507.27	WELL OBSTRUCTED			
RW - 1	08/10/04	3507.27	WELL OBSTRUCTED			
RW - 1	08/16/04	3507.27	WELL OBSTRUCTED			
RW - 1	08/23/04	3507.27	WELL OBSTRUCTED			
RW - 1	08/25/04	3507.27	WELL OBSTRUCTED			
RW - 1	12/03/04	3507.27	WELL OBSTRUCTED			
RW - 1	03/08/05	3507.27	18.04	18.80	0.76	3489.12
RW - 1	06/08/05	3507.27	WELL OBSTRUCTED			
RW - 1	09/15/05	3507.27	17.78	19.10	1.32	3489.29
RW - 1	12/12/05	3507.27	17.64	21.64	4.00	3489.03
RW - 1	03/16/06	3507.27	17.66	21.08	3.42	3489.10
RW - 1	03/28/06	3507.27	17.90	18.98	1.08	3489.21
RW - 1	04/03/06	3507.27	17.85	18.89	1.04	3489.26
RW - 1	04/10/06	3507.27	17.84	18.34	0.50	3489.36
RW - 1	04/17/06	3507.27	17.86	18.18	0.32	3489.36
RW - 1	05/01/06	3507.27	17.87	18.06	0.19	3489.37
RW - 1	05/08/06	3507.27	17.89	18.16	0.27	3489.34
RW - 1	05/15/06	3507.27	17.93	18.40	0.47	3489.27
RW - 1	06/05/06	3507.27	18.16	18.54	0.38	3489.05
RW - 1	06/12/06	3507.27	18.34	18.61	0.27	3488.89
RW - 1	06/15/06	3507.27	18.32	18.47	0.15	3488.93
RW - 1	06/19/06	3507.27	18.48	18.71	0.23	3488.76
RW - 1	07/03/06	3507.27	sheen	18.65	0.00	3488.62
RW - 1	07/10/06	3507.27	18.49	18.68	0.19	3488.75
RW - 1	07/17/06	3507.27	18.35	18.47	0.12	3488.90
RW - 1	07/26/06	3507.27	18.42	18.65	0.23	3488.82
RW - 1	07/31/06	3507.27	18.51	18.69	0.18	3488.73
RW - 1	08/07/06	3507.27	18.52	18.71	0.19	3488.72
RW - 1	08/17/06	3507.27	18.44	18.58	0.14	3488.81
RW - 1	08/21/06	3507.27	18.35	18.52	0.17	3488.89
RW - 1	09/06/06	3507.27	18.10	18.44	0.34	3489.12
RW - 1	09/11/06	3507.27	18.13	18.46	0.33	3489.09
RW - 1	09/18/06	3507.27	18.07	18.53	0.46	3489.13
RW - 1	09/25/06	3507.27	18.04	18.78	0.74	3489.12
RW - 1	10/02/06	3507.27	18.00	18.72	0.72	3489.16
RW - 1	10/09/06	3507.27	18.07	18.84	0.77	3489.08
RW - 1	10/17/06	3507.27	18.10	18.97	0.87	3489.04
RW - 1	10/23/06	3507.27	18.04	18.08	0.04	3489.22
RW - 1	10/30/06	3507.27	18.02	18.06	0.04	3489.24
RW - 1	11/06/06	3507.27	18.12	18.71	0.59	3489.06
RW - 1	11/13/06	3507.27	18.15	18.46	0.31	3489.07
RW - 1	11/20/06	3507.27	18.13	18.34	0.21	3489.11

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	11/27/06	3507.27	18.13	18.43	0.30	3489.10
RW - 1	11/30/06	3507.27	18.10	18.26	0.16	3489.15
RW - 1	12/04/06	3507.27	18.08	18.46	0.38	3489.13
RW - 1	12/12/06	3507.27	18.16	18.49	0.33	3489.06
RW - 1	12/18/06	3507.27	18.05	18.27	0.22	3489.19
RW - 1	01/02/07	3507.27	18.05	18.30	0.25	3489.18
RW - 1	01/11/07	3507.27	18.02	18.16	0.14	3489.23
RW - 1	01/18/07	3507.27	18.00	18.25	0.25	3489.23
RW - 1	01/22/07	3507.27	17.99	18.28	0.29	3489.24
RW - 1	02/05/07	3507.27	18.01	18.16	0.15	3489.24
RW - 1	02/12/07	3507.27	17.92	18.05	0.13	3489.33
RW - 1	02/19/07	3507.27	17.93	18.07	0.14	3489.32
RW - 1	02/27/07	3507.27	17.32	17.87	0.55	3489.87
RW - 1	03/05/07	3507.27	18.02	18.41	0.39	3489.19
RW - 1	03/12/07	3507.27	18.00	18.07	0.07	3489.26
RW - 1	03/19/07	3507.27	17.92	18.32	0.40	3489.29
RW - 1	04/02/07	3507.27	17.94	18.15	0.21	3489.30
RW - 1	04/09/07	3507.27	17.87	17.99	0.12	3489.38
RW - 1	05/01/07	3507.27	17.86	18.11	0.25	3489.37
RW - 1	05/12/07	3507.27	17.86	18.11	0.25	3489.37
RW - 1	05/17/07	3507.27	17.74	17.91	0.17	3489.50
RW - 1	05/21/07	3507.27	17.72	17.90	0.18	3489.52
RW - 1	05/22/07	3507.27	17.72	17.90	0.18	3489.52
RW - 1	06/01/07	3507.27	17.71	17.91	0.20	3489.53
RW - 1	06/06/07	3507.27	17.73	17.97	0.24	3489.50
RW - 1	06/11/07	3507.27	17.81	17.98	0.17	3489.43
RW - 1	06/19/07	3507.27	17.85	18.04	0.19	3489.39
RW - 1	06/25/07	3507.27	17.93	18.06	0.13	3489.32
RW - 1	07/03/07	3507.27	18.00	18.24	0.24	3489.23
RW - 1	07/18/07	3507.27	18.18	18.30	0.12	3489.07
RW - 1	07/23/07	3507.27	18.24	18.39	0.15	3489.01
RW - 1	07/31/07	3507.27	18.37	18.88	0.51	3488.82
RW - 1	08/14/07	3507.27	18.37	18.56	0.19	3488.87
RW - 1	08/15/07	3507.27	18.39	18.51	0.12	3488.86
RW - 1	08/29/07	3507.27	18.51	18.76	0.25	3488.72
RW - 1	09/07/07	3507.27	18.55	18.77	0.22	3488.69
RW - 1	09/10/07	3507.27	18.44	18.59	0.15	3488.81
RW - 1	09/17/07	3507.27	18.27	18.35	0.08	3488.99
RW - 1	09/24/07	3507.27	18.22	18.39	0.17	3489.02
RW - 1	11/05/07	3507.27	18.19	18.71	0.52	3489.00
RW - 1	11/06/07	3507.27	18.24	18.29	0.05	3489.02
RW - 1	11/12/07	3507.27	18.18	18.38	0.20	3489.06
RW - 1	11/19/07	3507.27	18.22	18.31	0.09	3489.04
RW - 1	11/30/07	3507.27	18.24	18.29	0.05	3489.02
RW - 1	12/03/07	3507.27	18.21	18.23	0.02	3489.06
RW - 1	12/14/07	3507.27	18.14	18.26	0.12	3489.11
RW - 1	12/17/07	3507.27	18.19	18.24	0.05	3489.07
RW - 1	01/09/08	3507.27	18.07	18.26	0.19	3489.17
RW - 1	01/16/08	3507.27	18.13	18.48	0.35	3489.09
RW - 1	01/30/08	3507.27	18.06	18.25	0.19	3489.18
RW - 1	02/08/08	3507.27	18.10	18.32	0.22	3489.14
RW - 1	02/12/08	3507.27	18.09	18.29	0.20	3489.15
RW - 1	02/14/08	3507.27	18.10	18.21	0.11	3489.15
RW - 1	02/20/08	3507.27	18.08	18.18	0.10	3489.18

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	03/13/08	3507.27	18.08	18.12	0.04	3489.18
RW - 1	03/19/08	3507.27	18.09	18.18	0.09	3489.17
RW - 1	03/24/08	3507.27	18.05	18.14	0.09	3489.21
RW - 1	04/02/08	3507.27	18.06	18.12	0.06	3489.20
RW - 1	04/07/08	3507.27	18.07	18.11	0.04	3489.19
RW - 1	04/14/08	3507.27	18.05	18.12	0.07	3489.21
RW - 1	04/23/08	3507.27	18.05	18.11	0.06	3489.21
RW - 1	05/07/08	3507.27	18.05	18.16	0.11	3489.20
RW - 1	05/13/08	3507.27	18.05	18.16	0.11	3489.20
RW - 1	05/14/08	3507.27	18.08	18.11	0.03	3489.19
RW - 1	05/19/08	3507.27	18.10	18.12	0.02	3489.17
RW - 1	06/09/08	3507.27	18.32	18.44	0.12	3488.93
RW - 1	06/16/08	3507.27	18.01	18.12	0.11	3489.24
RW - 1	06/23/08	3507.27	18.49	18.96	0.47	3488.71
RW - 1	06/30/08	3507.27	18.56	18.67	0.11	3488.69
RW - 1	07/14/08	3507.27	18.61	18.63	0.02	3488.66
RW - 1	07/22/08	3507.27	18.72	18.82	0.10	3488.54
RW - 1	07/29/08	3507.27	18.71	18.80	0.09	3488.55
RW - 1	08/04/08	3507.27	18.74	18.85	0.11	3488.51
RW - 1	08/11/08	3507.27	18.80	18.81	0.01	3488.47
RW - 1	08/14/08	3507.27	18.80	18.93	0.13	3488.45
RW - 1	08/18/08	3507.27	18.79	18.92	0.13	3488.46
RW - 1	08/28/08	3507.27	18.76	18.85	0.09	3488.50
RW - 1	09/17/08	3507.27	18.53	18.64	0.11	3488.72
RW - 1	09/29/08	3507.27	18.51	18.63	0.12	3488.74
RW - 1	10/06/08	3507.27	18.51	18.64	0.13	3488.74
RW - 1	10/13/08	3507.27	18.54	18.59	0.05	3488.72
RW - 1	10/20/08	3507.27	18.41	18.49	0.08	3488.85
RW - 1	10/29/08	3507.27	18.39	18.47	0.08	3488.87
RW - 1	10/30/08	3507.27	18.44	18.45	0.01	3488.83
RW - 1	11/06/08	3507.27	18.36	18.42	0.06	3488.90
RW - 1	11/12/08	3507.27	18.34	18.43	0.09	3488.92
RW - 1	11/13/08	3507.27	18.34	18.43	0.09	3488.92
RW - 1	12/16/08	3507.27	18.36	18.43	0.07	3488.90
RW - 1	12/19/08	3507.27	18.33	18.38	0.05	3488.93
RW - 1	12/22/08	3507.27	18.32	18.35	0.03	3488.95
RW - 1	01/06/09	3507.27	18.31	18.33	0.02	3488.96
RW - 1	01/12/09	3507.27	18.29	18.71	0.42	3488.92
RW - 1	01/19/09	3507.27	18.29	18.51	0.22	3488.95
RW - 1	01/22/09	3507.27	18.26	18.29	0.03	3489.01
RW - 1	01/26/09	3507.27	18.31	18.38	0.07	3488.95
RW - 1	02/10/09	3507.27	18.23	18.27	0.04	3489.03
RW - 1	02/13/09	3507.27	18.34	18.76	0.42	3488.87
RW - 1	02/24/09	3507.27	18.39	18.73	0.34	3488.83
RW - 1	03/02/09	3507.27	18.23	18.52	0.29	3489.00
RW - 1	03/05/09	3507.27	18.23	18.30	0.07	3489.03
RW - 1	03/09/09	3507.27	18.20	18.22	0.02	3489.07
RW - 1	03/16/09	3507.27	18.19	18.25	0.06	3489.07
RW - 1	03/19/09	3507.27	18.25	18.55	0.30	3488.98
RW - 1	03/25/09	3507.27	18.27	18.58	0.31	3488.95
RW - 1	03/30/09	3507.27	18.29	18.56	0.27	3488.94
RW - 1	04/13/09	3507.27	18.18	18.21	0.03	3489.09
RW - 1	04/16/09	3507.27	18.29	18.46	0.17	3488.95
RW - 1	04/21/09	3507.27	18.27	18.42	0.15	3488.98

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	04/27/09	3507.27	18.17	18.19	0.02	3489.10
RW - 1	04/30/09	3507.27	18.25	18.39	0.14	3489.00
RW - 1	05/06/09	3507.27	18.25	18.38	0.13	3489.00
RW - 1	05/12/09	3507.27	17.98	18.11	0.13	3489.27
RW - 1	05/19/09	3507.27	18.25	18.28	0.03	3489.02
RW - 1	05/26/09	3507.27	18.29	18.33	0.04	3488.97
RW - 1	06/01/09	3507.27	18.32	18.38	0.06	3488.94
RW - 1	06/05/09	3507.27	18.37	18.42	0.05	3488.89
RW - 1	06/12/09	3507.27	18.39	18.41	0.02	3488.88
RW - 1	06/15/09	3507.27	18.48	18.53	0.05	3488.78
RW - 1	06/22/09	3507.27	18.49	18.54	0.05	3488.77
RW - 1	06/24/09	3507.27	18.52	18.58	0.06	3488.74
RW - 1	06/29/09	3507.27	18.60	18.66	0.06	3488.66
RW - 1	07/06/09	3507.27	18.60	18.65	0.05	3488.66
RW - 1	07/09/09	3507.27	18.25	18.28	0.03	3489.02
RW - 1	07/13/09	3507.27	18.26	18.30	0.04	3489.00
RW - 1	07/20/09	3507.27	18.25	18.32	0.07	3489.01
RW - 1	07/23/09	3507.27	18.74	18.89	0.15	3488.51
RW - 1	07/27/09	3507.27	18.75	18.87	0.12	3488.50
RW - 1	07/29/09	3507.27	18.71	18.78	0.07	3488.55
RW - 1	08/03/09	3507.27	18.72	18.78	0.06	3488.54
RW - 1	08/10/09	3507.27	18.82	18.88	0.06	3488.44
RW - 1	08/10/09	3507.27	18.82	18.88	0.06	3488.44
RW - 1	08/18/09	3507.27	18.83	19.07	0.24	3488.40
RW - 1	08/24/09	3507.27	18.88	18.95	0.07	3488.38
RW - 1	08/28/09	3507.27	18.90	18.94	0.04	3488.36
RW - 1	08/31/09	3507.27	-	19.98	0.00	3487.29
RW - 1	09/02/09	3507.27	-	18.95	0.00	3488.32
RW - 1	09/08/09	3507.27	-	19.07	0.00	3488.20
RW - 1	09/10/09	3507.27	-	18.96	0.00	3488.31
RW - 1	09/16/09	3507.27	-	19.02	0.00	3488.25
RW - 1	09/18/09	3507.27	-	19.02	0.00	3488.25
RW - 1	09/22/09	3507.27	-	19.09	0.00	3488.18
RW - 1	09/28/09	3507.27	18.92	18.96	0.04	3488.34
RW - 1	10/09/09	3507.27	19.14	19.36	0.22	3488.10
RW - 1	10/12/09	3507.27	18.24	18.29	0.05	3489.02
RW - 1	10/20/09	3507.27	sheen	19.24	0.00	3488.03
RW - 1	10/26/09	3507.27	18.25	18.28	0.03	3489.02
RW - 1	10/28/09	3507.27	-	19.24	0.00	3488.03
RW - 1	11/03/09	3507.27	-	19.15	0.00	3488.12
RW - 1	11/12/09	3507.27	-	19.33	0.00	3487.94
RW - 1	11/18/09	3507.27	-	19.32	0.00	3487.95
RW - 1	12/03/09	3507.27	sheen	19.32	0.00	3487.95
RW - 1	12/11/09	3507.27	sheen	19.31	0.00	3487.96
RW - 1	12/16/09	3507.27	sheen	19.06	0.00	3488.21
RW - 1	12/21/09	3507.27	sheen	19.18	0.00	3488.09
RW - 1	12/28/09	3507.27	sheen	19.35	0.00	3487.92
RW - 1	01/04/09	3507.27	sheen	19.14	0.00	3488.13
RW - 1	01/14/10	3507.27	sheen	19.09	0.00	3488.18
RW - 1	01/20/10	3507.27	sheen	19.14	0.00	3488.13
RW - 1	01/25/10	3507.27	sheen	19.27	0.00	3488.00
RW - 1	01/27/10	3507.27	sheen	19.15	0.00	3488.12
RW - 1	02/01/10	3507.27	sheen	19.21	0.00	3488.06
RW - 1	02/08/10	3507.27	sheen	19.04	0.00	3488.23

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	02/09/10	3507.27	sheen	19.43	0.00	3487.84
RW - 1	02/19/10	3507.27	-	19.81	0.00	3487.46
RW - 1	02/26/10	3507.27	sheen	18.95	0.00	3488.32
RW - 1	03/01/10	3507.27	sheen	19.27	0.00	3488.00
RW - 1	03/04/10	3507.27	sheen	18.89	0.00	3488.38
RW - 1	03/08/10	3507.27	sheen	18.94	0.00	3488.33
RW - 1	03/11/10	3507.27	sheen	18.82	0.00	3488.45
RW - 1	03/15/10	3507.27	sheen	18.84	0.00	3488.43
RW - 1	03/17/10	3507.27	sheen	18.83	0.00	3488.44
RW - 1	03/22/10	3507.27	sheen	18.76	0.00	3488.51
RW - 1	03/29/10	3507.27	sheen	18.69	0.00	3488.58
RW - 1	04/05/10	3507.27	sheen	18.71	0.00	3488.56
RW - 1	04/14/10	3507.27	sheen	18.69	0.00	3488.58
RW - 1	04/16/10	3507.27	sheen	18.63	0.00	3488.64
RW - 1	04/19/10	3507.27	sheen	18.70	0.00	3488.57
RW - 1	04/28/10	3507.27	sheen	18.64	0.00	3488.63
RW - 1	05/05/10	3507.27	sheen	18.58	0.00	3488.69
RW - 1	05/12/10	3507.27	sheen	18.64	0.00	3488.63
RW - 1	05/14/10	3507.27	sheen	18.64	0.00	3488.63
RW - 1	05/21/10	3507.27	sheen	18.45	0.00	3488.82
RW - 1	05/26/10	3507.27	sheen	18.59	0.00	3488.68
RW - 1	06/04/10	3507.27	sheen	18.49	0.00	3488.78
RW - 1	06/07/10	3507.27	sheen	18.68	0.00	3488.59
RW - 1	06/12/10	3507.27	sheen	18.74	0.00	3488.53
RW - 1	06/24/10	3507.27	sheen	18.90	0.00	3488.37
RW - 1	06/30/10	3507.27	sheen	18.42	0.00	3488.85
RW - 1	07/07/10	3507.27	sheen	18.60	0.00	3488.67
RW - 1	07/12/10	3507.27	sheen	18.22	0.00	3489.05
RW - 1	07/19/10	3507.27	sheen	18.33	0.00	3488.94
RW - 1	08/03/10	3507.27	18.08	18.10	0.02	3489.19
RW - 1	08/11/10	3507.27	18.08	18.10	0.02	3489.19
RW - 1	08/19/10	3507.27	18.11	18.12	0.01	3489.16
RW - 1	08/25/10	3507.27	18.19	18.26	0.07	3489.07
RW - 1	09/01/10	3507.27	18.20	18.29	0.09	3489.06
RW - 1	09/09/10	3507.27	18.30	18.41	0.11	3488.95
RW - 1	09/13/10	3507.27	18.08	18.10	0.02	3489.19
RW - 1	09/29/10	3507.27	18.38	18.50	0.12	3488.87
RW - 1	10/05/10	3507.27	18.06	18.11	0.05	3489.20
RW - 1	10/20/10	3507.27	18.50	18.94	0.44	3488.70
RW - 1	10/25/10	3507.27	18.52	18.93	0.41	3488.69
RW - 1	11/03/10	3507.27	18.06	18.09	0.03	3489.21
RW - 1	11/10/10	3507.27	18.15	18.21	0.06	3489.11
RW - 1	11/12/10	3507.27	18.15	18.21	0.06	3489.11
RW - 1	12/09/10	3507.27	18.02	18.13	0.11	3489.23
RW - 1	01/18/11	3507.27	18.15	18.21	0.06	3489.11
RW - 1	02/16/11	3507.27	18.14	18.23	0.09	3489.12
RW - 1	03/01/11	3507.27	18.38	18.39	0.01	3488.89
RW - 1	03/07/11	3507.27	18.35	18.36	0.01	3488.92
RW - 1	03/22/11	3507.27	18.15	18.21	0.06	3489.11
RW - 1	04/27/11	3507.27	18.34	18.63	0.29	3488.89
RW - 1	05/05/11	3507.27	18.46	18.49	0.03	3488.81
RW - 1	05/10/11	3507.27	18.51	18.53	0.02	3488.76
RW - 1	05/17/11	3507.27	18.52	18.54	0.02	3488.75
RW - 1	05/19/11	3507.27	18.52	18.54	0.02	3488.75

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	05/24/11	3507.27	18.63	18.68	0.05	3488.63
RW - 1	06/07/11	3507.27	18.68	18.76	0.08	3488.58
RW - 1	06/08/11	3507.27	18.70	18.75	0.05	3488.56
RW - 1	06/14/11	3507.27	18.75	18.80	0.05	3488.51
RW - 1	06/23/11	3507.27	18.68	18.78	0.10	3488.58
RW - 1	06/28/11	3507.27	18.65	18.72	0.07	3488.61
RW - 1	07/06/11	3507.27	18.88	19.14	0.26	3488.35
RW - 1	07/14/11	3507.27	18.88	18.98	0.10	3488.38
RW - 1	07/20/11	3507.27	19.00	19.08	0.08	3488.26
RW - 1	07/27/11	3507.27	18.97	19.05	0.08	3488.29
RW - 1	08/03/11	3507.27	18.95	19.03	0.08	3488.31
RW - 1	08/10/11	3507.27	19.08	19.15	0.07	3488.18
RW - 1	08/18/11	3507.27	19.21	19.28	0.07	3488.05
RW - 1	08/25/11	3507.27	19.25	19.30	0.05	3488.01
RW - 1	09/07/11	3507.27	19.33	19.42	0.09	3487.93
RW - 1	09/14/11	3507.27	19.40	19.46	0.06	3487.86
RW - 1	11/14/11	3507.27	19.21	19.23	0.02	3488.06
RW - 1	12/01/11	3507.27	-	19.32	0.00	3487.95
RW - 1	12/08/11	3507.27	-	19.23	0.00	3488.04
RW - 1	12/14/11	3507.27	-	19.51	0.00	3487.76
RW - 1	01/12/12	3507.27	-	19.18	0.00	3488.09
RW - 1	01/19/12	3507.27	-	19.11	0.00	3488.16
RW - 1	02/03/12	3507.27	-	19.11	0.00	3488.16
RW - 1	02/29/12	3507.27	-	19.01	0.00	3488.26
RW - 1	03/14/12	3507.27	-	18.86	0.00	3488.41
RW - 1	03/19/12	3507.27	-	19.10	0.00	3488.17
RW - 1	03/29/12	3507.27	-	18.89	0.00	3488.38
RW - 1	04/05/12	3507.27	-	18.82	0.00	3488.45
RW - 1	04/18/12	3507.27	-	18.81	0.00	3488.46
RW - 1	04/27/12	3507.27	-	18.82	0.00	3488.45
RW - 1	05/02/12	3507.27	-	18.87	0.00	3488.40
RW - 1	05/31/12	3507.27	-	18.95	0.00	3488.32
RW - 1	06/08/12	3507.27	19.81	19.82	0.01	3487.46
RW - 1	06/12/12	3507.27	18.92	18.94	0.02	3488.35
RW - 1	06/21/12	3507.27	-	19.06	0.00	3488.21
RW - 1	06/29/12	3507.27	-	19.18	0.00	3488.09
RW - 1	07/13/12	3507.27	19.21	19.27	0.06	3488.05
RW - 1	12/06/12	3507.27	20.73	20.74	0.01	3486.54
RW - 1	12/11/12	3507.27	-	20.72	0.00	3486.55
RW - 1	12/18/12	3507.27	19.69	19.70	0.01	3487.58
RW - 1	01/09/13	3507.27	20.64	20.66	0.02	3486.63
RW - 1	01/15/13	3507.27	-	20.65	0.00	3486.62
RW - 1	01/23/13	3507.27	-	20.65	0.00	3486.62
RW - 1	01/29/13	3507.27	-	20.61	0.00	3486.66
RW - 1	02/07/13	3507.27	-	20.63	0.00	3486.64
RW - 1	02/13/13	3507.27	20.60	20.61	0.01	3486.67
RW - 1	02/20/13	3507.27	-	20.54	0.00	3486.73
RW - 1	03/15/13	3507.27	-	20.55	0.00	3486.72
RW - 1	03/19/13	3507.27	-	20.54	0.00	3486.73
RW - 1	04/02/13	3507.27	-	20.56	0.00	3486.71
RW - 1	04/09/13	3507.27	-	20.50	0.00	3486.77
RW - 1	04/16/13	3507.27	-	20.49	0.00	3486.78
RW - 1	04/23/13	3507.27	20.49	20.50	0.01	3486.78
RW - 1	04/30/13	3507.27	-	20.46	0.00	3486.81

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	05/08/13	3507.27	-	20.66	0.00	3486.61
RW - 1	05/14/13	3507.27	-	20.60	0.00	3486.67
RW - 1	05/22/13	3507.27	-	20.62	0.00	3486.65
RW - 1	05/28/13	3507.27	-	20.44	0.00	3486.83
RW - 1	06/04/13	3507.27	-	20.46	0.00	3486.81
RW - 1	06/11/13	3507.27	20.51	20.52	0.01	3486.76
RW - 1	06/19/13	3507.27	-	20.70	0.00	3486.57
RW - 1	06/28/13	3507.27	-	20.82	0.00	3486.45
RW - 1	07/01/13	3507.27	-	21.10	0.00	3486.17
RW - 1	07/08/13	3507.27	-	20.88	0.00	3486.39
RW - 1	07/23/13	3507.27	-	20.83	0.00	3486.44
RW - 1	07/30/13	3507.27	-	20.80	0.00	3486.47
RW - 1	08/05/13	3507.27	-	20.96	0.00	3486.31
RW - 1	08/12/13	3507.27	-	20.85	0.00	3486.42
RW - 1	08/22/13	3507.27	-	20.94	0.00	3486.33
RW - 1	08/29/13	3507.27	-	20.98	0.00	3486.29
RW - 1	09/05/13	3507.27	-	20.98	0.00	3486.29
RW - 1	09/10/13	3507.27	-	21.10	0.00	3486.17
RW - 1	09/17/13	3507.27	-	21.23	0.00	3486.04
RW - 1	09/24/13	3507.27	-	21.24	0.00	3486.03
RW - 1	10/07/13	3507.27	-	21.26	0.00	3486.01
RW - 1	11/14/13	3507.27	-	23.60	0.00	3483.67
RW - 1	11/20/13	-	-	23.60	0.00	-
RW - 1	12/12/13	-	-	23.58	0.00	-
RW - 1	12/19/13	-	-	23.55	0.00	-
RW - 1	01/03/14	-	-	23.50	0.00	-
RW - 1	01/09/14	-	-	23.52	0.00	-
RW - 1	01/13/14	-	-	23.50	0.00	-
RW - 1	01/21/14	-	-	23.48	0.00	-
RW - 1	01/24/14	-	-	23.54	0.00	-
RW - 1	02/04/14	3512.54	-	23.45	0.00	3489.09
RW - 1	02/10/14	3512.54	-	23.51	0.00	3489.03
RW - 1	02/27/14	3512.54	-	23.45	0.00	3489.09
RW - 1	03/17/14	3512.54	-	23.35	0.00	3489.19
RW - 1	03/27/14	3512.54	-	23.31	0.00	3489.23
RW - 1	04/02/14	3512.54	-	23.27	0.00	3489.27
RW - 1	04/16/14	3512.54	-	23.20	0.00	3489.34
RW - 1	04/22/14	3512.54	-	23.20	0.00	3489.34
RW - 1	04/28/14	3512.54	-	23.23	0.00	3489.31
RW - 1	05/06/14	3512.54	-	23.19	0.00	3489.35
RW - 1	05/13/14	3512.54	-	23.22	0.00	3489.32
RW - 1	05/14/14	3512.54	-	23.21	0.00	3489.33
RW - 1	05/21/14	3512.54	-	23.21	0.00	3489.33
RW - 1	06/05/14	3512.54	-	23.30	0.00	3489.24
RW - 1	06/11/14	3512.54	-	23.36	0.00	3489.18
RW - 1	06/16/14	3512.54	-	23.43	0.00	3489.11
RW - 1	06/24/14	3512.54	-	23.54	0.00	3489.00
RW - 1	07/01/14	3512.54	-	23.62	0.00	3488.92
RW - 1	07/08/14	3512.54	-	23.67	0.00	3488.87
RW - 1	07/15/14	3512.54	-	23.70	0.00	3488.84
RW - 1	07/22/14	3512.54	-	23.81	0.00	3488.73
RW - 1	07/23/14	3512.54	-	23.81	0.00	3488.73
RW - 1	07/31/14	3512.54	-	23.98	0.00	3488.56
RW - 1	08/05/14	3512.54	-	24.08	0.00	3488.46

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	08/07/14	3512.54	-	23.94	0.00	3488.60
RW - 1	08/15/14	3512.54	-	24.00	0.00	3488.54
RW - 1	08/20/14	3512.54	-	24.03	0.00	3488.51
RW - 1	08/27/14	3512.54	-	23.91	0.00	3488.63
RW - 1	09/24/14	3512.54	-	23.23	0.00	3489.31
RW - 1	10/01/14	3512.54	-	22.91	0.00	3489.63
RW - 1	10/07/14	3512.54	-	22.76	0.00	3489.78
RW - 1	10/14/14	3512.54	-	22.81	0.00	3489.73
RW - 1	10/20/14	3512.54	-	22.82	0.00	3489.72
RW - 1	10/27/14	3512.54	-	22.78	0.00	3489.76
RW - 1	11/03/14	3512.54	-	22.77	0.00	3489.77
RW - 1	11/11/14	3512.54	-	22.76	0.00	3489.78
RW - 1	11/19/14	3512.54	-	22.78	0.00	3489.76
RW - 1	12/08/14	3512.54	-	22.80	0.00	3489.74
RW - 1	12/15/14	3512.54	-	22.82	0.00	3489.72
RW - 1	12/18/14	3512.54	-	22.85	0.00	3489.69
RW - 1	12/22/14	3512.54	-	22.85	0.00	3489.69
RW - 1	12/29/14	3512.54	-	22.78	0.00	3489.76
RW - 1	01/05/15	3512.54	-	22.77	0.00	3489.77
RW - 1	01/12/15	3512.54	-	22.79	0.00	3489.75
RW - 1	01/19/15	3512.54	-	22.64	0.00	3489.90
RW - 1	02/04/15	3512.54	-	22.80	0.00	3489.74
RW - 1	02/09/15	3512.54	-	22.65	0.00	3489.89
RW - 1	02/19/15	3512.54	-	22.80	0.00	3489.74
RW - 1	03/03/15	3512.54	-	22.82	0.00	3489.72
RW - 1	03/09/15	3512.54	-	22.87	0.00	3489.67
RW - 1	03/16/15	3512.54	-	22.82	0.00	3489.72
RW - 1	03/20/15	3512.54	-	22.85	0.00	3489.69
RW - 1	03/23/15	3512.54	-	22.87	0.00	3489.67
RW - 1	03/30/15	3512.54	-	22.74	0.00	3489.80
RW - 1	04/04/15	3512.54	-	22.80	0.00	3489.74
RW - 1	04/07/15	3512.54	-	22.64	0.00	3489.90
RW - 1	04/14/15	3512.54	-	22.72	0.00	3489.82
RW - 1	04/20/15	3512.54	-	22.70	0.00	3489.84
RW - 1	04/27/15	3512.54	-	22.69	0.00	3489.85
RW - 1	05/07/15	3512.54	-	22.65	0.00	3489.89
RW - 1	05/11/15	3512.54	-	22.64	0.00	3489.90
RW - 1	05/21/15	3512.54	-	22.54	0.00	3490.00
RW - 1	05/27/15	3512.54	-	22.59	0.00	3489.95
RW - 1	05/28/15	3512.54	-	22.57	0.00	3489.97
RW - 1	06/03/15	3512.54	-	22.55	0.00	3489.99
RW - 1	06/08/15	3512.54	-	22.55	0.00	3489.99
RW - 1	06/15/15	3512.54	-	22.49	0.00	3490.05
RW - 1	06/25/15	3512.54	-	22.64	0.00	3489.90
RW - 1	06/29/15	3512.54	-	22.55	0.00	3489.99
RW - 1	07/08/15	3512.54	-	22.56	0.00	3489.98
RW - 1	07/09/15	3512.54	-	22.61	0.00	3489.93
RW - 1	07/14/15	3512.54	-	22.58	0.00	3489.96
RW - 1	07/20/15	3512.54	-	22.71	0.00	3489.83
RW - 1	07/28/15	3512.54	-	22.75	0.00	3489.79
RW - 1	08/03/15	3512.54	-	22.79	0.00	3489.75
RW - 1	08/04/15	3512.54	-	22.86	0.00	3489.68
RW - 1	08/10/15	3512.54	-	22.91	0.00	3489.63
RW - 1	08/17/15	3512.54	-	22.98	0.00	3489.56

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	08/25/15	3512.54	-	22.99	0.00	3489.55
RW - 1	08/31/15	3512.54	-	23.02	0.00	3489.52
RW - 1	09/08/15	3512.54	-	23.00	0.00	3489.54
RW - 1	09/15/15	3512.54	-	23.01	0.00	3489.53
RW - 1	09/24/15	3512.54	-	23.10	0.00	3489.44
RW - 1	09/28/15	3512.54	-	23.09	0.00	3489.45
RW - 1	10/06/15	3512.54	-	23.03	0.00	3489.51
RW - 1	10/12/15	3512.54	-	22.98	0.00	3489.56
RW - 1	10/26/15	3512.54	-	22.87	0.00	3489.67
RW - 1	11/06/15	3512.54	-	22.81	0.00	3489.73
RW - 1	11/10/15	3512.54	-	22.75	0.00	3489.79
RW - 1	11/18/15	3512.54	-	22.70	0.00	3489.84
RW - 1	12/02/15	3512.54	-	22.73	0.00	3489.81
RW - 1	12/07/15	3512.54	-	22.71	0.00	3489.83
RW - 1	12/14/15	3512.54	-	22.65	0.00	3489.89
RW - 1	01/05/16	3512.54	-	22.67	0.00	3489.87
RW - 1	01/08/16	3512.54	-	22.60	0.00	3489.94
RW - 1	01/12/16	3512.54	-	22.64	0.00	3489.90
RW - 1	01/18/16	3512.54	-	22.63	0.00	3489.91
RW - 1	01/25/16	3512.54	-	22.63	0.00	3489.91
RW - 1	02/01/16	3512.54	-	22.57	0.00	3489.97
RW - 1	02/08/16	3512.54	-	22.64	0.00	3489.90
RW - 1	02/19/16	3512.54	-	22.56	0.00	3489.98
RW - 1	02/23/16	3512.54	-	22.53	0.00	3490.01
RW - 1	03/03/16	3512.54	-	22.55	0.00	3489.99
RW - 1	03/07/16	3512.54	-	22.51	0.00	3490.03
RW - 1	03/15/16	3512.54	-	22.53	0.00	3490.01
RW - 1	03/21/16	3512.54	-	22.40	0.00	3490.14
RW - 1	03/28/16	3512.54	-	22.48	0.00	3490.06
RW - 1	04/05/16	3512.54	-	22.44	0.00	3490.10
RW - 1	04/08/16	3512.54	-	22.47	0.00	3490.07
RW - 1	04/12/16	3512.54	-	22.46	0.00	3490.08
RW - 1	04/18/16	3512.54	-	22.46	0.00	3490.08
RW - 1	04/25/16	3512.54	-	22.40	0.00	3490.14
RW - 1	05/02/16	3512.54	-	22.42	0.00	3490.12
RW - 1	05/23/16	3512.54	-	22.39	0.00	3490.15
RW - 1	06/01/16	3512.54	-	22.50	0.00	3490.04
RW - 1	06/06/16	3512.54	-	22.46	0.00	3490.08
RW - 1	06/28/16	3512.54	-	22.65	0.00	3489.89
RW - 1	07/12/16	3512.54	-	22.81	0.00	3489.73
RW - 1	07/19/16	3512.54	-	22.85	0.00	3489.69
RW - 1	07/27/16	3512.54	-	22.92	0.00	3489.62
RW - 1	08/03/16	3512.54	-	22.93	0.00	3489.61
RW - 1	08/08/16	3512.54	-	23.00	0.00	3489.54
RW - 1	08/16/16	3512.54	-	23.05	0.00	3489.49
RW - 1	08/23/16	3512.54	-	23.07	0.00	3489.47
RW - 1	08/31/16	3512.54	-	22.87	0.00	3489.67
RW - 1	09/14/16	3512.54	-	22.26	0.00	3490.28
RW - 1	09/22/16	3512.54	-	22.11	0.00	3490.43
RW - 1	09/27/16	3512.54	-	21.95	0.00	3490.59
RW - 1	10/07/16	3512.54	-	21.87	0.00	3490.67
RW - 1	10/21/16	3512.54	-	21.92	0.00	3490.62
RW - 1	10/28/16	3512.54	-	21.93	0.00	3490.61
RW - 1	11/04/16	3512.54	-	21.98	0.00	3490.56

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	11/09/16	3512.54	-	21.97	0.00	3490.57
RW - 1	12/06/16	3512.54	-	21.95	0.00	3490.59
RW - 1	12/15/16	3512.54	-	22.15	0.00	3490.39
RW - 1	12/22/16	3512.54	-	22.11	0.00	3490.43
RW - 1	12/29/16	3512.54	-	22.15	0.00	3490.39
RW - 1	01/05/17	3512.54	-	21.98	0.00	3490.56
RW - 1	01/11/17	3512.54	-	22.02	0.00	3490.52
RW - 1	01/18/17	3512.54	-	22.00	0.00	3490.54
RW - 1	01/26/17	3512.54	-	22.07	0.00	3490.47
RW - 1	01/31/17	3512.54	-	22.02	0.00	3490.52
RW - 1	02/10/17	3512.54	-	22.07	0.00	3490.47
RW - 1	02/17/17	3512.54	-	22.01	0.00	3490.53
RW - 1	02/24/17	3512.54	-	22.02	0.00	3490.52
RW - 1	03/01/17	3512.54	-	22.01	0.00	3490.53
RW - 1	03/09/17	3512.54	-	22.18	0.00	3490.36
RW - 1	03/15/17	3512.54	-	22.04	0.00	3490.50
RW - 1	03/22/17	3512.54	-	22.10	0.00	3490.44
RW - 1	03/29/17	3512.54	-	22.42	0.00	3490.12
RW - 1	04/07/17	3512.54	-	22.33	0.00	3490.21
RW - 1	04/11/17	3512.54	-	21.97	0.00	3490.57
RW - 1	04/20/17	3512.54	-	21.94	0.00	3490.60
RW - 1	05/02/17	3512.54	-	21.92	0.00	3490.62
RW - 1	05/16/17	3512.54	-	21.93	0.00	3490.61
RW - 1	05/23/17	3512.54	-	22.00	0.00	3490.54
RW - 1	06/05/17	3512.54	-	22.05	0.00	3490.49
RW - 1	06/15/17	3512.54	-	22.21	0.00	3490.33
RW - 1	06/28/17	3512.54	-	22.25	0.00	3490.29
RW - 1	07/05/17	3512.54	-	22.36	0.00	3490.18
RW - 1	07/11/17	3512.54	-	22.39	0.00	3490.15
RW - 1	07/17/17	3512.54	-	22.42	0.00	3490.12
RW - 1	07/20/17	3512.54	-	22.46	0.00	3490.08
RW - 1	08/16/17	3512.54	-	22.38	0.00	3490.16
RW - 1	09/05/17	3512.54	-	22.21	0.00	3490.33
RW - 1	09/13/17	3512.54	-	22.18	0.00	3490.36
RW - 1	09/19/17	3512.54	-	22.26	0.00	3490.28
RW - 1	09/29/17	3512.54	-	22.30	0.00	3490.24
RW - 1	10/05/17	3512.54	-	22.32	0.00	3490.22
RW - 1	10/12/17	3512.54	-	22.14	0.00	3490.40
RW - 1	10/20/17	3512.54	-	22.13	0.00	3490.41
RW - 1	10/24/17	3512.54	-	22.15	0.00	3490.39
RW - 1	11/02/17	3512.54	-	22.13	0.00	3490.41
RW - 1	11/14/17	3512.54	-	22.19	0.00	3490.35
RW - 1	12/20/17	3512.54	-	22.04	0.00	3490.50
RW - 1	12/28/17	3512.54	-	22.18	0.00	3490.36
RW - 1	01/03/18	3512.54	-	22.06	0.00	3490.48
RW - 1	01/09/18	3512.54	-	22.03	0.00	3490.51
RW - 1	01/19/18	3512.54	-	22.01	0.00	3490.53
RW - 1	01/24/18	3512.54	-	22.06	0.00	3490.48
RW - 1	02/07/18	3512.54	-	22.06	0.00	3490.48
RW - 1	02/12/18	3512.54	-	22.01	0.00	3490.53
RW - 1	02/22/18	3512.54	-	22.01	0.00	3490.53
RW - 1	03/02/18	3512.54	-	22.01	0.00	3490.53
RW - 1	03/07/18	3512.54	-	22.02	0.00	3490.52
RW - 1	03/19/18	3512.54	-	22.19	0.00	3490.35

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	03/29/18	3512.54	-	22.01	0.00	3490.53
RW - 1	04/02/18	3512.54	-	21.96	0.00	3490.58
RW - 1	04/11/18	3512.54	-	22.06	0.00	3490.48
RW - 1	04/16/18	3512.54	-	21.98	0.00	3490.56
RW - 1	04/25/18	3512.54	-	22.01	0.00	3490.53
RW - 1	05/01/18	3512.54	-	21.96	0.00	3490.58
RW - 1	05/08/18	3512.54	-	21.97	0.00	3490.57
RW - 1	05/22/18	3512.54	-	22.20	0.00	3490.34
RW - 1	05/31/18	3512.54	-	22.27	0.00	3490.27
RW - 1	06/06/18	3512.54	-	22.72	0.00	3489.82
RW - 1	06/13/18	3512.54	-	21.40	0.00	3491.14
RW - 1	06/18/18	3512.54	-	22.47	0.00	3490.07
RW - 1	06/25/18	3512.54	-	22.47	0.00	3490.07
RW - 1	07/02/18	3512.54	-	22.52	0.00	3490.02
RW - 1	07/11/18	3512.54	-	22.72	0.00	3489.82
RW - 1	07/19/18	3512.54	-	22.61	0.00	3489.93
RW - 1	07/27/18	3512.54	-	22.65	0.00	3489.89
RW - 1	08/08/18	3512.54	-	22.92	0.00	3489.62
RW - 1	08/30/18	3512.54	-	22.85	0.00	3489.69
RW - 1	09/12/18	3512.54	-	22.96	0.00	3489.58
RW - 1	09/20/18	3512.54	-	22.79	0.00	3489.75
RW - 1	09/26/18	3512.54	-	22.98	0.00	3489.56
RW - 1	10/03/18	3512.54	-	22.75	0.00	3489.79
RW - 1	10/19/18	3512.54	-	22.76	0.00	3489.78
RW - 1	10/31/18	3512.54	-	22.60	0.00	3489.94
RW - 1	11/06/18	3512.54	-	22.67	0.00	3489.87
RW - 1	11/13/18	3512.54	-	22.83	0.00	3489.71
RW - 1	12/03/18	3512.54	-	22.52	0.00	3490.02
RW - 1	12/19/18	3512.54	-	22.43	0.00	3490.11
RW - 1	12/27/18	3512.54	-	22.41	0.00	3490.13
RW - 1	01/03/19	3512.54	-	22.68	0.00	3489.86
RW - 1	01/09/19	3512.54	-	22.52	0.00	3490.02
RW - 1	01/16/19	3512.54	-	22.47	0.00	3490.07
RW - 1	02/06/19	3512.54	-	22.51	0.00	3490.03
RW - 1	02/13/19	3512.54	-	22.48	0.00	3490.06
RW - 1	02/28/19	3512.54	-	22.46	0.00	3490.08
RW - 1	03/06/19	3512.54	-	22.52	0.00	3490.02
RW - 1	03/12/19	3512.54	-	22.39	0.00	3490.15
RW - 1	03/19/19	3512.54	-	22.45	0.00	3490.09
RW - 1	03/28/19	3512.54	-	22.45	0.00	3490.09
RW - 1	04/01/19	3512.54	-	22.71	0.00	3489.83
RW - 1	04/10/19	3512.54	-	22.28	0.00	3490.26
RW - 1	04/17/19	3512.54	-	22.37	0.00	3490.17
RW - 1	04/24/19	3512.54	-	22.36	0.00	3490.18
RW - 1	05/01/19	3512.54	-	22.36	0.00	3490.18
RW - 1	05/08/19	3512.54	-	22.43	0.00	3490.11
RW - 1	06/14/19	3512.54	-	22.70	0.00	3489.84
RW - 1	07/11/19	3512.54	-	22.67	0.00	3489.87
RW - 1	08/08/19	3512.54	-	23.05	0.00	3489.49
RW - 1	09/12/19	3512.54	-	23.02	0.00	3489.52
RW - 1	09/17/19	3512.54	-	23.01	0.00	3489.53
RW - 1	10/15/19	3512.54	-	22.90	0.00	3489.64
RW - 1	11/06/19	3512.54	-	22.93	0.00	3489.61
RW - 1	12/17/19	3512.54	-	22.62	0.00	3489.92

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	01/06/20	3512.54	-	22.56	0.00	3489.98
RW - 1	01/23/20	3512.54	-	22.54	0.00	3490.00
RW - 1	01/29/20	3512.54	-	22.50	0.00	3490.04
RW - 1	03/04/20	3512.54	-	22.51	0.00	3490.03
RW - 1	05/14/20	3512.54	-	22.28	0.00	3490.26
RW - 1	05/21/20	3512.54	-	22.28	0.00	3490.26
RW - 1	06/18/20	3512.54	-	22.59	0.00	3489.95
RW - 1	07/01/20	3512.54	-	22.72	0.00	3489.82
RW - 1	07/21/20	3512.54	-	22.94	0.00	3489.60
RW - 1	08/13/20	3512.54	-	23.07	0.00	3489.47
RW - 1	09/14/20	3512.54	-	23.18	0.00	3489.36
RW - 1	12/10/20	3512.54	-	23.30	0.00	3489.24
RW - 1	01/13/21	3512.54	-	23.27	0.00	3489.27
RW - 1	02/11/21	3512.54	-	23.26	0.00	3489.28
RW - 1	04/21/21	3512.54	-	23.12	0.00	3489.42
RW - 1	06/10/21	3512.54	-	23.17	0.00	3489.37
RW - 1	07/31/21	3512.54	-	23.21	0.00	3489.33
RW - 1	08/31/21	3512.54	-	23.37	0.00	3489.17
RW - 1	09/23/21	3512.54	-	23.34	0.00	3489.20
RW - 1	10/14/21	3512.54	-	23.42	0.00	3489.12
RW - 1	10/28/21	3512.54	-	23.45	0.00	3489.09
RW - 1	12/06/21	3512.54	-	23.54	0.00	3489.00
RW - 2	11/06/02	3507.45	-	20.20	0.00	3487.25
RW - 2	11/12/02	3507.45	-	19.81	0.00	3487.64
RW - 2	01/07/03	3507.45	-	19.61	0.00	3487.84
RW - 2	01/27/03	3507.45	-	19.48	0.00	3487.97
RW - 2	03/11/03	3507.45	19.44	19.45	0.01	3488.01
RW - 2	03/19/03	3507.45	19.21	19.50	0.29	3488.20
RW - 2	04/16/03	3507.45	19.51	19.52	0.01	3487.94
RW - 2	04/29/03	3507.45	19.39	19.41	0.02	3488.06
RW - 2	05/14/03	3507.45	19.63	19.78	0.15	3487.80
RW - 2	05/20/03	3507.45	19.81	19.86	0.05	3487.63
RW - 2	05/27/03	3507.45	-	19.79	0.00	3487.66
RW - 2	06/04/03	3507.45	19.64	19.65	0.01	3487.81
RW - 2	07/07/03	3507.45	20.12	20.13	0.01	3487.33
RW - 2	07/30/03	3507.45	-	20.21	0.00	3487.24
RW - 2	08/06/03	3507.45	-	20.44	0.00	3487.01
RW - 2	08/21/03	3507.45	sheen	20.56	0.00	3486.89
RW - 2	08/27/03	3507.45	-	20.93	0.00	3486.52
RW - 2	09/08/03	3507.45	-	20.47	0.00	3486.98
RW - 2	09/15/03	3507.45	-	20.70	0.00	3486.75
RW - 2	09/24/03	3507.45	-	20.82	0.00	3486.63
RW - 2	10/02/03	3507.45	-	20.71	0.00	3486.74
RW - 2	10/08/03	3507.45	-	20.52	0.00	3486.93
RW - 2	10/16/03	3507.45	-	20.92	0.00	3486.53
RW - 2	10/28/03	3507.45	-	21.00	0.00	3486.45
RW - 2	11/11/03	3507.45	-	21.09	0.00	3486.36
RW - 2	11/18/03	3507.45	-	20.96	0.00	3486.49
RW - 2	12/10/03	3507.45	20.53	20.68	0.15	3486.90
RW - 2	02/02/04	3507.45	-	20.92	0.00	3486.53
RW - 2	02/26/04	3507.45	-	20.49	0.00	3486.96
RW - 2	03/16/04	3507.45	-	20.74	0.00	3486.71
RW - 2	03/19/04	3507.45	-	20.71	0.00	3486.74

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	03/25/04	3507.45	-	20.69	0.00	3486.76
RW - 2	04/01/04	3507.45	-	20.56	0.00	3486.89
RW - 2	04/08/04	3507.45	-	20.57	0.00	3486.88
RW - 2	04/14/04	3507.45	-	19.60	0.00	3487.85
RW - 2	04/16/04	3507.45	-	19.80	0.00	3487.65
RW - 2	04/22/04	3507.45	-	19.06	0.00	3488.39
RW - 2	04/29/04	3507.45	-	19.11	0.00	3488.34
RW - 2	05/11/04	3507.45	-	19.46	0.00	3487.99
RW - 2	06/08/04	3507.45	19.42	19.43	0.01	3488.03
RW - 2	06/17/04	3507.45	-	19.38	0.00	3488.07
RW - 2	06/22/04	3507.45	-	19.44	0.00	3488.01
RW - 2	06/29/04	3507.45	-	19.41	0.00	3488.04
RW - 2	07/06/04	3507.45	19.21	19.41	0.20	3488.21
RW - 2	07/13/04	3507.45	19.26	19.43	0.17	3488.16
RW - 2	07/20/04	3507.45	19.46	19.89	0.43	3487.93
RW - 2	08/04/04	3507.45	19.48	19.88	0.40	3487.91
RW - 2	08/10/04	3507.45	19.46	19.87	0.41	3487.93
RW - 2	08/16/04	3507.45	19.77	20.03	0.26	3487.64
RW - 2	08/23/04	3507.45	sheen	19.54	0.00	3487.91
RW - 2	08/25/04	3507.45	19.45	19.87	0.42	3487.94
RW - 2	08/26/04	3507.45	19.55	19.97	0.42	3487.84
RW - 2	08/31/04	3507.45	sheen	19.58	0.00	3487.87
RW - 2	09/13/04	3507.45	sheen	20.03	0.00	3487.42
RW - 2	09/20/04	3507.45	sheen	20.02	0.00	3487.43
RW - 2	09/30/04	3507.45	sheen	20.00	0.00	3487.45
RW - 2	10/04/04	3507.45	sheen	19.47	0.00	3487.98
RW - 2	10/11/04	3507.45	18.95	18.97	0.02	3488.50
RW - 2	10/18/04	3507.45	sheen	19.10	0.00	3488.35
RW - 2	10/26/04	3507.45	sheen	19.22	0.00	3488.23
RW - 2	11/02/04	3507.45	19.03	19.10	0.07	3488.41
RW - 2	11/08/04	3507.45	sheen	19.16	0.00	3488.29
RW - 2	11/15/04	3507.45	18.95	19.15	0.20	3488.47
RW - 2	12/01/04	3507.45	18.87	19.26	0.39	3488.52
RW - 2	12/03/04	3507.45	18.87	19.26	0.39	3488.52
RW - 2	12/14/04	3507.45	sheen	18.80	0.00	3488.65
RW - 2	12/21/04	3507.45	sheen	18.78	0.00	3488.67
RW - 2	12/29/04	3507.45	sheen	18.81	0.00	3488.64
RW - 2	01/11/05	3507.45	sheen	18.69	0.00	3488.76
RW - 2	01/14/05	3507.45	sheen	18.65	0.00	3488.80
RW - 2	01/18/05	3507.45	sheen	18.69	0.00	3488.76
RW - 2	01/21/05	3507.45	sheen	18.64	0.00	3488.81
RW - 2	01/25/05	3507.45	sheen	18.60	0.00	3488.85
RW - 2	01/28/05	3507.45	sheen	18.55	0.00	3488.90
RW - 2	02/02/05	3507.45	sheen	18.53	0.00	3488.92
RW - 2	02/05/05	3507.45	sheen	18.50	0.00	3488.95
RW - 2	02/08/05	3507.45	sheen	18.47	0.00	3488.98
RW - 2	02/11/05	3507.45	sheen	18.50	0.00	3488.95
RW - 2	02/15/05	3507.45	sheen	18.66	0.00	3488.79
RW - 2	02/18/05	3507.45	sheen	18.64	0.00	3488.81
RW - 2	02/22/05	3507.45	sheen	18.42	0.00	3489.03
RW - 2	02/25/05	3507.45	sheen	18.49	0.00	3488.96
RW - 2	03/01/05	3507.45	sheen	18.43	0.00	3489.02
RW - 2	03/04/05	3507.45	sheen	18.35	0.00	3489.10
RW - 2	03/08/05	3507.45	-	18.33	0.00	3489.12

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	03/08/05	3507.45	sheen	18.33	0.00	3489.12
RW - 2	03/11/05	3507.45	sheen	18.36	0.00	3489.09
RW - 2	03/15/05	3507.45	sheen	18.31	0.00	3489.14
RW - 2	03/18/05	3507.45	sheen	18.30	0.00	3489.15
RW - 2	03/22/05	3507.45	sheen	18.21	0.00	3489.24
RW - 2	03/28/05	3507.45	sheen	18.25	0.00	3489.20
RW - 2	04/01/05	3507.45	sheen	18.26	0.00	3489.19
RW - 2	04/05/05	3507.45	sheen	18.15	0.00	3489.30
RW - 2	04/08/05	3507.45	sheen	18.18	0.00	3489.27
RW - 2	04/12/05	3507.45	sheen	18.18	0.00	3489.27
RW - 2	04/15/05	3507.45	sheen	18.16	0.00	3489.29
RW - 2	05/25/05	3507.45	sheen	18.00	0.00	3489.45
RW - 2	05/27/05	3507.45	sheen	17.98	0.00	3489.47
RW - 2	05/31/05	3507.45	sheen	17.89	0.00	3489.56
RW - 2	06/03/05	3507.45	sheen	17.88	0.00	3489.57
RW - 2	06/06/05	3507.45	sheen	17.86	0.00	3489.59
RW - 2	06/08/05	3507.45	sheen	17.86	0.00	3489.59
RW - 2	06/13/05	3507.45	sheen	17.86	0.00	3489.59
RW - 2	06/20/05	3507.45	sheen	17.89	0.00	3489.56
RW - 2	06/24/05	3507.45	sheen	17.96	0.00	3489.49
RW - 2	06/27/05	3507.45	sheen	17.89	0.00	3489.56
RW - 2	07/11/05	3507.45	17.91	17.92	0.01	3489.54
RW - 2	07/15/05	3507.45	sheen	17.95	0.00	3489.50
RW - 2	07/18/05	3507.45	sheen	18.10	0.00	3489.35
RW - 2	07/21/05	3507.45	sheen	18.13	0.00	3489.32
RW - 2	07/25/05	3507.45	sheen	18.24	0.00	3489.21
RW - 2	08/01/05	3507.45	sheen	18.13	0.00	3489.32
RW - 2	08/04/05	3507.45	sheen	18.15	0.00	3489.30
RW - 2	08/12/05	3507.45	sheen	18.26	0.00	3489.19
RW - 2	08/23/05	3507.45	17.97	18.03	0.06	3489.47
RW - 2	08/30/05	3507.45	17.95	18.00	0.05	3489.49
RW - 2	09/15/05	3507.45	17.99	18.11	0.12	3489.44
RW - 2	09/19/05	3507.45	17.98	18.13	0.15	3489.45
RW - 2	09/27/05	3507.45	17.96	18.13	0.17	3489.46
RW - 2	10/03/05	3507.45	17.99	18.20	0.21	3489.43
RW - 2	10/10/05	3507.45	18.00	18.17	0.17	3489.42
RW - 2	10/17/05	3507.45	17.89	18.00	0.11	3489.54
RW - 2	10/24/05	3507.45	17.86	17.97	0.11	3489.57
RW - 2	11/15/05	3507.45	17.95	18.04	0.09	3489.49
RW - 2	11/22/05	3507.45	17.86	18.08	0.22	3489.56
RW - 2	12/12/05	3507.45	17.78	17.91	0.13	3489.65
RW - 2	12/16/05	3507.45	17.78	17.90	0.12	3489.65
RW - 2	12/22/05	3507.45	17.81	17.93	0.12	3489.62
RW - 2	12/27/05	3507.45	17.82	18.03	0.21	3489.60
RW - 2	01/03/06	3507.45	17.80	18.00	0.20	3489.62
RW - 2	01/09/06	3507.45	17.85	18.11	0.26	3489.56
RW - 2	01/16/06	3507.45	17.80	17.93	0.13	3489.63
RW - 2	01/23/06	3507.45	17.85	17.97	0.12	3489.58
RW - 2	01/30/06	3507.45	17.89	17.95	0.06	3489.55
RW - 2	02/06/06	3507.45	17.75	17.95	0.20	3489.67
RW - 2	02/14/06	3507.45	17.85	17.99	0.14	3489.58
RW - 2	02/21/06	3507.45	17.73	17.97	0.24	3489.68
RW - 2	03/01/06	3507.45	17.73	18.00	0.27	3489.68
RW - 2	03/06/06	3507.45	17.75	17.90	0.15	3489.68

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	03/16/06	3507.45	17.89	18.18	0.29	3489.52
RW - 2	03/21/06	3507.45	17.81	18.08	0.27	3489.60
RW - 2	03/28/06	3507.45	17.83	18.04	0.21	3489.59
RW - 2	04/03/06	3507.45	17.75	17.84	0.09	3489.69
RW - 2	04/10/06	3507.45	17.66	17.71	0.05	3489.78
RW - 2	04/17/06	3507.45	17.65	17.73	0.08	3489.79
RW - 2	05/01/06	3507.45	17.71	17.75	0.04	3489.73
RW - 2	05/08/06	3507.45	17.73	17.95	0.22	3489.69
RW - 2	05/15/06	3507.45	17.80	17.91	0.11	3489.63
RW - 2	05/30/06	3507.45	17.90	18.07	0.17	3489.52
RW - 2	06/05/06	3507.45	18.02	18.76	0.74	3489.32
RW - 2	06/12/06	3507.45	18.21	18.36	0.15	3489.22
RW - 2	06/15/06	3507.45	18.12	18.19	0.07	3489.32
RW - 2	06/19/06	3507.45	18.21	18.31	0.10	3489.23
RW - 2	07/03/06	3507.45	18.21	18.32	0.11	3489.22
RW - 2	07/10/06	3507.45	18.31	18.35	0.04	3489.13
RW - 2	07/17/06	3507.45	sheen	18.13	0.00	3489.32
RW - 2	07/26/06	3507.45	18.30	18.35	0.05	3489.14
RW - 2	07/31/06	3507.45	18.29	18.34	0.05	3489.15
RW - 2	08/07/06	3507.45	18.38	18.64	0.26	3489.03
RW - 2	08/17/06	3507.45	17.19	17.25	0.06	3490.25
RW - 2	08/21/06	3507.45	sheen	18.18	0.00	3489.27
RW - 2	09/06/06	3507.45	17.88	17.92	0.04	3489.56
RW - 2	09/11/06	3507.45	17.86	17.98	0.12	3489.57
RW - 2	09/18/06	3507.45	17.84	17.93	0.09	3489.60
RW - 2	09/25/06	3507.45	17.90	18.35	0.45	3489.48
RW - 2	10/02/06	3507.45	17.88	18.32	0.44	3489.50
RW - 2	10/09/06	3507.45	17.95	18.52	0.57	3489.41
RW - 2	10/17/06	3507.45	17.90	18.40	0.50	3489.48
RW - 2	10/23/06	3507.45	17.93	18.05	0.12	3489.50
RW - 2	10/30/06	3507.45	17.91	18.03	0.12	3489.52
RW - 2	11/06/06	3507.45	18.00	18.10	0.10	3489.44
RW - 2	11/13/06	3507.45	18.01	18.07	0.06	3489.43
RW - 2	11/20/06	3507.45	17.94	18.05	0.11	3489.49
RW - 2	11/27/06	3507.45	17.99	18.05	0.06	3489.45
RW - 2	11/30/06	3507.45	17.97	18.17	0.20	3489.45
RW - 2	12/04/06	3507.45	17.96	18.01	0.05	3489.48
RW - 2	12/12/06	3507.45	17.99	18.19	0.20	3489.43
RW - 2	12/18/06	3507.45	17.89	18.00	0.11	3489.54
RW - 2	01/02/07	3507.45	17.85	18.00	0.15	3489.58
RW - 2	01/11/07	3507.45	17.88	17.93	0.05	3489.56
RW - 2	01/18/07	3507.45	17.82	18.10	0.28	3489.59
RW - 2	01/22/07	3507.45	17.82	18.05	0.23	3489.60
RW - 2	02/05/07	3507.45	17.82	17.93	0.11	3489.61
RW - 2	02/12/07	3507.45	17.72	17.78	0.06	3489.72
RW - 2	02/19/07	3507.45	17.74	17.80	0.06	3489.70
RW - 2	02/27/07	3507.45	17.79	18.06	0.27	3489.62
RW - 2	03/05/07	3507.45	17.84	18.18	0.34	3489.56
RW - 2	03/12/07	3507.45	17.85	17.86	0.01	3489.60
RW - 2	03/19/07	3507.45	17.82	17.86	0.04	3489.62
RW - 2	04/02/07	3507.45	17.71	17.92	0.21	3489.71
RW - 2	04/09/07	3507.45	17.66	17.71	0.05	3489.78
RW - 2	05/01/07	3507.45	17.65	17.67	0.02	3489.80
RW - 2	05/12/07	3507.45	17.66	17.67	0.01	3489.79

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	05/17/07	3507.45	17.54	17.55	0.01	3489.91
RW - 2	05/21/07	3507.45	17.50	17.53	0.03	3489.95
RW - 2	05/22/07	3507.45	17.50	17.53	0.03	3489.95
RW - 2	06/01/07	3507.45	16.76	17.03	0.27	3490.65
RW - 2	06/06/07	3507.45	17.49	17.56	0.07	3489.95
RW - 2	06/11/07	3507.45	17.61	18.64	1.03	3489.69
RW - 2	06/19/07	3507.45	17.68	17.69	0.01	3489.77
RW - 2	06/25/07	3507.45	sheen	17.70	0.00	3489.75
RW - 2	07/03/07	3507.45	sheen	17.94	0.00	3489.51
RW - 2	07/18/07	3507.45	18.00	18.06	0.06	3489.44
RW - 2	07/23/07	3507.45	18.07	18.20	0.13	3489.36
RW - 2	07/31/07	3507.45	sheen	18.35	0.00	3489.10
RW - 2	08/15/07	3507.45	sheen	18.26	0.00	3489.19
RW - 2	09/24/07	3507.45	sheen	18.14	0.00	3489.31
RW - 2	11/05/07	3507.45	sheen	18.17	0.00	3489.28
RW - 2	11/06/07	3507.45	sheen	18.19	0.00	3489.26
RW - 2	11/12/07	3507.45	sheen	18.17	0.00	3489.28
RW - 2	11/30/07	3507.45	sheen	18.21	0.00	3489.24
RW - 2	12/14/07	3507.45	sheen	18.08	0.00	3489.37
RW - 2	01/09/08	3507.45	sheen	17.94	0.00	3489.51
RW - 2	01/16/08	3507.45	sheen	17.89	0.00	3489.56
RW - 2	01/21/08	3507.45	sheen	18.01	0.00	3489.44
RW - 2	01/30/08	3507.45	sheen	17.89	0.00	3489.56
RW - 2	02/08/08	3507.45	sheen	17.92	0.00	3489.53
RW - 2	02/12/08	3507.45	17.88	17.89	0.01	3489.57
RW - 2	02/14/08	3507.45	sheen	17.97	0.00	3489.48
RW - 2	02/20/08	3507.45	sheen	17.88	0.00	3489.57
RW - 2	02/28/08	3507.45	sheen	17.98	0.00	3489.47
RW - 2	03/05/08	3507.45	sheen	17.98	0.00	3489.47
RW - 2	03/13/08	3507.45	sheen	17.96	0.00	3489.49
RW - 2	03/19/08	3507.45	sheen	17.98	0.00	3489.47
RW - 2	03/24/08	3507.45	sheen	18.92	0.00	3488.53
RW - 2	04/02/08	3507.45	sheen	17.90	0.00	3489.55
RW - 2	04/14/08	3507.45	sheen	17.92	0.00	3489.53
RW - 2	05/07/08	3507.45	sheen	17.87	0.00	3489.58
RW - 2	05/13/08	3507.45	sheen	17.86	0.00	3489.59
RW - 2	05/14/08	3507.45	sheen	17.97	0.00	3489.48
RW - 2	06/09/08	3507.45	sheen	18.14	0.00	3489.31
RW - 2	06/16/08	3507.45	sheen	17.84	0.00	3489.61
RW - 2	06/23/08	3507.45	sheen	18.32	0.00	3489.13
RW - 2	06/30/08	3507.45	18.45	18.52	0.07	3488.99
RW - 2	07/14/08	3507.45	sheen	18.56	0.00	3488.89
RW - 2	07/29/08	3507.45	sheen	18.59	0.00	3488.86
RW - 2	08/04/08	3507.45	sheen	18.61	0.00	3488.84
RW - 2	08/14/08	3507.45	sheen	18.60	0.00	3488.85
RW - 2	08/18/08	3507.45	sheen	18.74	0.00	3488.71
RW - 2	08/28/08	3507.45	sheen	18.63	0.00	3488.82
RW - 2	09/17/08	3507.45	sheen	18.45	0.00	3489.00
RW - 2	09/29/08	3507.45	sheen	18.35	0.00	3489.10
RW - 2	10/06/08	3507.45	sheen	18.30	0.00	3489.15
RW - 2	10/13/08	3507.45	sheen	18.41	0.00	3489.04
RW - 2	10/20/08	3507.45	sheen	18.23	0.00	3489.22
RW - 2	10/29/08	3507.45	sheen	18.15	0.00	3489.30
RW - 2	11/06/08	3507.45	sheen	18.25	0.00	3489.20

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	11/12/08	3507.45	sheen	18.28	0.00	3489.17
RW - 2	11/13/08	3507.45	sheen	18.28	0.00	3489.17
RW - 2	12/22/08	3507.45	sheen	18.23	0.00	3489.22
RW - 2	01/06/09	3507.45	-	18.19	0.00	3489.26
RW - 2	01/12/09	3507.45	-	18.12	0.00	3489.33
RW - 2	01/19/09	3507.45	-	18.07	0.00	3489.38
RW - 2	01/26/09	3507.45	-	18.08	0.00	3489.37
RW - 2	02/10/09	3507.45	-	18.13	0.00	3489.32
RW - 2	02/13/09	3507.45	-	18.12	0.00	3489.33
RW - 2	02/16/09	3507.45	-	18.08	0.00	3489.37
RW - 2	02/24/09	3507.45	-	18.13	0.00	3489.32
RW - 2	03/02/09	3507.45	-	18.07	0.00	3489.38
RW - 2	03/05/09	3507.45	-	18.09	0.00	3489.36
RW - 2	03/09/09	3507.45	-	18.06	0.00	3489.39
RW - 2	03/16/09	3507.45	-	18.04	0.00	3489.41
RW - 2	03/19/09	3507.45	-	18.09	0.00	3489.36
RW - 2	03/25/09	3507.45	-	18.09	0.00	3489.36
RW - 2	03/30/09	3507.45	-	18.09	0.00	3489.36
RW - 2	04/13/09	3507.45	-	18.02	0.00	3489.43
RW - 2	04/16/09	3507.45	-	18.11	0.00	3489.34
RW - 2	04/21/09	3507.45	-	18.13	0.00	3489.32
RW - 2	04/27/09	3507.45	-	18.08	0.00	3489.37
RW - 2	04/30/09	3507.45	-	18.15	0.00	3489.30
RW - 2	05/06/09	3507.45	-	18.17	0.00	3489.28
RW - 2	05/12/09	3507.45	-	17.92	0.00	3489.53
RW - 2	05/19/09	3507.45	-	18.08	0.00	3489.37
RW - 2	05/26/09	3507.45	-	18.10	0.00	3489.35
RW - 2	06/01/09	3507.45	-	18.37	0.00	3489.08
RW - 2	06/12/09	3507.45	-	18.23	0.00	3489.22
RW - 2	06/15/09	3507.45	-	18.43	0.00	3489.02
RW - 2	06/22/09	3507.45	-	18.40	0.00	3489.05
RW - 2	06/24/09	3507.45	-	18.40	0.00	3489.05
RW - 2	06/29/09	3507.45	-	18.48	0.00	3488.97
RW - 2	07/06/09	3507.45	-	18.51	0.00	3488.94
RW - 2	07/09/09	3507.45	-	18.08	0.00	3489.37
RW - 2	07/13/09	3507.45	-	18.10	0.00	3489.35
RW - 2	07/20/09	3507.45	-	18.12	0.00	3489.33
RW - 2	07/23/09	3507.45	-	18.67	0.00	3488.78
RW - 2	07/27/09	3507.45	-	18.68	0.00	3488.77
RW - 2	07/29/09	3507.45	-	18.28	0.00	3489.17
RW - 2	08/03/09	3507.45	-	18.45	0.00	3489.00
RW - 2	08/10/09	3507.45	-	18.53	0.00	3488.92
RW - 2	08/10/09	3507.45	-	18.53	0.00	3488.92
RW - 2	08/18/09	3507.45	-	18.74	0.00	3488.71
RW - 2	08/24/09	3507.45	-	18.71	0.00	3488.74
RW - 2	08/28/09	3507.45	-	18.73	0.00	3488.72
RW - 2	08/31/09	3507.45	-	18.74	0.00	3488.71
RW - 2	09/02/09	3507.45	-	18.76	0.00	3488.69
RW - 2	09/08/09	3507.45	-	18.85	0.00	3488.60
RW - 2	09/10/09	3507.45	-	18.82	0.00	3488.63
RW - 2	09/16/09	3507.45	-	18.84	0.00	3488.61
RW - 2	09/18/09	3507.45	-	18.82	0.00	3488.63
RW - 2	09/22/09	3507.45	-	18.94	0.00	3488.51
RW - 2	09/28/09	3507.45	-	18.75	0.00	3488.70

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	10/09/09	3507.45	-	18.93	0.00	3488.52
RW - 2	10/12/09	3507.45	-	18.12	0.00	3489.33
RW - 2	10/20/09	3507.45	-	18.99	0.00	3488.46
RW - 2	10/26/09	3507.45	-	18.13	0.00	3489.32
RW - 2	10/28/09	3507.45	-	18.95	0.00	3488.50
RW - 2	11/03/09	3507.45	-	18.93	0.00	3488.52
RW - 2	11/12/09	3507.45	-	18.92	0.00	3488.53
RW - 2	11/18/09	3507.45	-	18.98	0.00	3488.47
RW - 2	12/03/09	3507.45	sheen	18.89	0.00	3488.56
RW - 2	12/11/09	3507.45	sheen	18.86	0.00	3488.59
RW - 2	12/16/09	3507.45	sheen	18.79	0.00	3488.66
RW - 2	12/21/09	3507.45	sheen	18.91	0.00	3488.54
RW - 2	12/28/09	3507.45	sheen	19.02	0.00	3488.43
RW - 2	01/04/09	3507.45	sheen	18.89	0.00	3488.56
RW - 2	01/14/10	3507.45	sheen	18.85	0.00	3488.60
RW - 2	01/20/10	3507.45	sheen	18.71	0.00	3488.74
RW - 2	01/25/10	3507.45	sheen	18.94	0.00	3488.51
RW - 2	01/27/10	3507.45	sheen	18.70	0.00	3488.75
RW - 2	02/01/10	3507.45	sheen	18.64	0.00	3488.81
RW - 2	02/08/10	3507.45	sheen	18.72	0.00	3488.73
RW - 2	02/09/10	3507.45	sheen	18.80	0.00	3488.65
RW - 2	02/19/10	3507.45	sheen	18.61	0.00	3488.84
RW - 2	02/26/10	3507.45	sheen	18.64	0.00	3488.81
RW - 2	03/01/10	3507.45	sheen	18.94	0.00	3488.51
RW - 2	03/04/10	3507.45	sheen	18.65	0.00	3488.80
RW - 2	03/08/10	3507.45	sheen	18.66	0.00	3488.79
RW - 2	03/11/10	3507.45	sheen	18.48	0.00	3488.97
RW - 2	03/15/10	3507.45	sheen	18.66	0.00	3488.79
RW - 2	03/17/10	3507.45	sheen	18.52	0.00	3488.93
RW - 2	03/22/10	3507.45	sheen	18.43	0.00	3489.02
RW - 2	03/29/10	3507.45	sheen	18.40	0.00	3489.05
RW - 2	04/05/10	3507.45	sheen	18.49	0.00	3488.96
RW - 2	04/14/10	3507.45	sheen	18.49	0.00	3488.96
RW - 2	04/16/10	3507.45	sheen	18.39	0.00	3489.06
RW - 2	04/19/10	3507.45	sheen	18.46	0.00	3488.99
RW - 2	04/28/10	3507.45	sheen	18.38	0.00	3489.07
RW - 2	05/05/10	3507.45	sheen	18.29	0.00	3489.16
RW - 2	05/12/10	3507.45	sheen	18.35	0.00	3489.10
RW - 2	05/14/10	3507.45	sheen	18.37	0.00	3489.08
RW - 2	05/21/10	3507.45	sheen	18.37	0.00	3489.08
RW - 2	05/26/10	3507.45	sheen	18.36	0.00	3489.09
RW - 2	06/04/10	3507.45	sheen	18.39	0.00	3489.06
RW - 2	06/07/10	3507.45	sheen	18.53	0.00	3488.92
RW - 2	06/12/10	3507.45	sheen	18.53	0.00	3488.92
RW - 2	06/24/10	3507.45	sheen	18.66	0.00	3488.79
RW - 2	07/07/10	3507.45	sheen	18.12	0.00	3489.33
RW - 2	07/12/10	3507.45	sheen	17.98	0.00	3489.47
RW - 2	07/19/10	3507.45	sheen	17.95	0.00	3489.50
RW - 2	08/03/10	3507.45	-	17.99	0.00	3489.46
RW - 2	08/11/10	3507.45	sheen	18.01	0.00	3489.44
RW - 2	08/19/10	3507.45	sheen	17.89	0.00	3489.56
RW - 2	08/25/10	3507.45	sheen	17.99	0.00	3489.46
RW - 2	09/01/10	3507.45	sheen	18.09	0.00	3489.36
RW - 2	09/09/10	3507.45	sheen	18.14	0.00	3489.31

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	09/13/10	3507.45	sheen	18.01	0.00	3489.44
RW - 2	09/29/10	3507.45	sheen	18.30	0.00	3489.15
RW - 2	10/05/10	3507.45	sheen	18.03	0.00	3489.42
RW - 2	10/20/10	3507.45	sheen	18.07	0.00	3489.38
RW - 2	10/25/10	3507.45	sheen	18.08	0.00	3489.37
RW - 2	11/03/10	3507.45	sheen	17.98	0.00	3489.47
RW - 2	11/10/10	3507.45	sheen	18.40	0.00	3489.05
RW - 2	11/12/10	3507.45	sheen	18.40	0.00	3489.05
RW - 2	12/09/10	3507.45	sheen	18.03	0.00	3489.42
RW - 2	01/18/11	3507.45	sheen	18.40	0.00	3489.05
RW - 2	02/16/11	3507.45	sheen	18.42	0.00	3489.03
RW - 2	03/01/11	3507.45	sheen	18.26	0.00	3489.19
RW - 2	03/07/11	3507.45	sheen	18.20	0.00	3489.25
RW - 2	03/22/11	3507.45	sheen	18.42	0.00	3489.03
RW - 2	04/27/11	3507.45	sheen	18.28	0.00	3489.17
RW - 2	05/05/11	3507.45	sheen	18.30	0.00	3489.15
RW - 2	05/19/11	3507.45	sheen	18.46	0.00	3488.99
RW - 2	06/08/11	3507.45	sheen	18.63	0.00	3488.82
RW - 2	07/06/11	3507.45	sheen	18.77	0.00	3488.68
RW - 2	07/14/11	3507.45	sheen	18.89	0.00	3488.56
RW - 2	07/20/11	3507.45	-	18.83	0.00	3488.62
RW - 2	07/27/11	3507.45	-	18.93	0.00	3488.52
RW - 2	08/03/11	3507.45	-	18.84	0.00	3488.61
RW - 2	08/10/11	3507.45	-	19.07	0.00	3488.38
RW - 2	08/18/11	3507.45	-	18.88	0.00	3488.57
RW - 2	08/25/11	3507.45	-	18.92	0.00	3488.53
RW - 2	09/07/11	3507.45	-	19.00	0.00	3488.45
RW - 2	09/14/11	3507.45	-	19.17	0.00	3488.28
RW - 2	11/14/11	3507.45	-	19.06	0.00	3488.39
RW - 2	12/01/11	3507.45	-	18.99	0.00	3488.46
RW - 2	12/08/11	3507.45	-	19.02	0.00	3488.43
RW - 2	12/14/11	3507.45	-	18.91	0.00	3488.54
RW - 2	01/12/12	3507.45	-	18.98	0.00	3488.47
RW - 2	01/19/12	3507.45	-	18.90	0.00	3488.55
RW - 2	02/03/12	3507.45	-	18.88	0.00	3488.57
RW - 2	02/29/12	3507.45	-	18.71	0.00	3488.74
RW - 2	05/02/12	3507.45	-	18.62	0.00	3488.83
RW - 2	12/06/12	3507.45	-	0.00	0.00	3507.45
RW - 2	12/11/12	3507.45	-	0.00	0.00	3507.45
RW - 2	12/18/12	3507.45	-	0.00	0.00	3507.45
RW - 2	01/09/13	3507.45	-	0.00	0.00	3507.45
RW - 2	01/15/13	3507.45	-	0.00	0.00	3507.45
RW - 2	01/23/13	3507.45	-	0.00	0.00	3507.45
RW - 2	01/29/13	3507.45	-	0.00	0.00	3507.45
RW - 2	02/07/13	3507.45	-	0.00	0.00	3507.45
RW - 2	02/20/13	3507.45	-	0.00	0.00	3507.45
RW - 2	04/30/13	3507.45	-	0.00	0.00	3507.45
RW - 3	11/06/02	3507.86	-	21.20	0.00	3486.66
RW - 3	11/12/02	3507.86	-	20.13	0.00	3487.73
RW - 3	01/07/03	3507.86	-	19.90	0.00	3487.96
RW - 3	01/27/03	3507.86	-	19.83	0.00	3488.03
RW - 3	03/11/03	3507.86	-	19.78	0.00	3488.08
RW - 3	03/19/03	3507.86	-	19.78	0.00	3488.08

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 3	04/16/03	3507.86	-	19.67	0.00	3488.19
RW - 3	04/29/03	3507.86	-	18.75	0.00	3489.11
RW - 3	05/14/03	3507.86	19.89	19.90	0.01	3487.97
RW - 3	05/20/03	3507.86	-	20.04	0.00	3487.82
RW - 3	05/27/03	3507.86	-	20.04	0.00	3487.82
RW - 3	06/04/03	3507.86	-	19.96	0.00	3487.90
RW - 3	07/07/03	3507.86	-	20.44	0.00	3487.42
RW - 3	07/30/03	3507.86	-	20.48	0.00	3487.38
RW - 3	08/06/03	3507.86	-	20.71	0.00	3487.15
RW - 3	08/21/03	3507.86	sheen	20.88	0.00	3486.98
RW - 3	08/26/03	3507.86	-	20.86	0.00	3487.00
RW - 3	09/08/03	3507.86	-	20.86	0.00	3487.00
RW - 3	09/15/03	3507.86	-	20.81	0.00	3487.05
RW - 3	09/24/03	3507.86	-	21.13	0.00	3486.73
RW - 3	10/02/03	3507.86	-	20.98	0.00	3486.88
RW - 3	10/08/03	3507.86	-	20.87	0.00	3486.99
RW - 3	10/16/03	3507.86	-	21.18	0.00	3486.68
RW - 3	10/28/03	3507.86	-	21.25	0.00	3486.61
RW - 3	11/11/03	3507.86	-	21.32	0.00	3486.54
RW - 3	11/18/03	3507.86	-	21.12	0.00	3486.74
RW - 3	12/10/03	3507.86	20.85	20.96	0.11	3486.99
RW - 3	02/02/04	3507.86	-	21.17	0.00	3486.69
RW - 3	02/11/04	3507.86	-	20.68	0.00	3487.18
RW - 3	02/26/04	3507.86	-	20.79	0.00	3487.07
RW - 3	03/16/04	3507.86	-	21.00	0.00	3486.86
RW - 3	03/19/04	3507.86	-	20.94	0.00	3486.92
RW - 3	03/25/04	3507.86	-	20.95	0.00	3486.91
RW - 3	04/01/04	3507.86	-	20.91	0.00	3486.95
RW - 3	04/08/04	3507.86	-	20.72	0.00	3487.14
RW - 3	04/14/04	3507.86	-	20.13	0.00	3487.73
RW - 3	04/16/04	3507.86	-	20.24	0.00	3487.62
RW - 3	04/22/04	3507.86	-	19.44	0.00	3488.42
RW - 3	04/29/04	3507.86	-	19.45	0.00	3488.41
RW - 3	05/11/04	3507.86	-	19.48	0.00	3488.38
RW - 3	06/08/04	3507.86	-	19.64	0.00	3488.22
RW - 3	06/17/04	3507.86	-	19.59	0.00	3488.27
RW - 3	06/22/04	3507.86	-	19.62	0.00	3488.24
RW - 3	06/29/04	3507.86	-	19.58	0.00	3488.28
RW - 3	07/06/04	3507.86	-	19.56	0.00	3488.30
RW - 3	07/13/04	3507.86	-	19.59	0.00	3488.27
RW - 3	07/20/04	3507.86	-	19.78	0.00	3488.08
RW - 3	08/04/04	3507.86	-	19.81	0.00	3488.05
RW - 3	08/10/04	3507.86	-	19.80	0.00	3488.06
RW - 3	08/16/04	3507.86	sheen	19.92	0.00	3487.94
RW - 3	08/23/04	3507.86	sheen	19.58	0.00	3488.28
RW - 3	08/25/04	3507.86	-	19.85	0.00	3488.01
RW - 3	08/26/04	3507.86	sheen	19.83	0.00	3488.03
RW - 3	08/31/04	3507.86	sheen	19.90	0.00	3487.96
RW - 3	09/13/04	3507.86	sheen	20.00	0.00	3487.86
RW - 3	09/20/04	3507.86	sheen	20.03	0.00	3487.83
RW - 3	09/30/04	3507.86	sheen	20.01	0.00	3487.85
RW - 3	10/04/04	3507.86	sheen	19.48	0.00	3488.38
RW - 3	10/11/04	3507.86	sheen	19.25	0.00	3488.61
RW - 3	10/18/04	3507.86	sheen	19.25	0.00	3488.61

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 3	10/26/04	3507.86	sheen	19.30	0.00	3488.56
RW - 3	11/02/04	3507.86	sheen	19.33	0.00	3488.53
RW - 3	11/08/04	3507.86	sheen	19.30	0.00	3488.56
RW - 3	11/15/04	3507.86	sheen	19.19	0.00	3488.67
RW - 3	12/01/04	3507.86	sheen	19.23	0.00	3488.63
RW - 3	12/03/04	3507.86	sheen	19.23	0.00	3488.63
RW - 3	12/14/04	3507.86	sheen	19.12	0.00	3488.74
RW - 3	12/21/04	3507.86	sheen	19.09	0.00	3488.77
RW - 3	12/29/04	3507.86	sheen	19.00	0.00	3488.86
RW - 3	01/11/05	3507.86	sheen	18.95	0.00	3488.91
RW - 3	01/14/05	3507.86	sheen	18.94	0.00	3488.92
RW - 3	01/18/05	3507.86	sheen	18.93	0.00	3488.93
RW - 3	01/21/05	3507.86	sheen	18.90	0.00	3488.96
RW - 3	01/25/05	3507.86	sheen	18.88	0.00	3488.98
RW - 3	01/28/05	3507.86	sheen	18.91	0.00	3488.95
RW - 3	02/02/05	3507.86	sheen	18.80	0.00	3489.06
RW - 3	02/05/05	3507.86	sheen	18.74	0.00	3489.12
RW - 3	02/08/05	3507.86	sheen	18.75	0.00	3489.11
RW - 3	02/11/05	3507.86	sheen	18.76	0.00	3489.10
RW - 3	02/15/05	3507.86	sheen	18.74	0.00	3489.12
RW - 3	02/18/05	3507.86	sheen	18.71	0.00	3489.15
RW - 3	02/22/05	3507.86	sheen	18.68	0.00	3489.18
RW - 3	02/25/05	3507.86	sheen	18.75	0.00	3489.11
RW - 3	03/01/05	3507.86	sheen	18.68	0.00	3489.18
RW - 3	03/04/05	3507.86	sheen	18.65	0.00	3489.21
RW - 3	03/08/05	3507.86	sheen	18.60	0.00	3489.26
RW - 3	03/08/05	3507.86	sheen	18.60	0.00	3489.26
RW - 3	03/11/05	3507.86	sheen	18.62	0.00	3489.24
RW - 3	03/15/05	3507.86	sheen	18.59	0.00	3489.27
RW - 3	03/18/05	3507.86	sheen	18.60	0.00	3489.26
RW - 3	03/22/05	3507.86	sheen	18.54	0.00	3489.32
RW - 3	03/28/05	3507.86	sheen	18.46	0.00	3489.40
RW - 3	04/01/05	3507.86	sheen	18.49	0.00	3489.37
RW - 3	04/05/05	3507.86	sheen	18.43	0.00	3489.43
RW - 3	04/08/05	3507.86	sheen	18.45	0.00	3489.41
RW - 3	04/12/05	3507.86	sheen	18.43	0.00	3489.43
RW - 3	04/15/05	3507.86	sheen	18.41	0.00	3489.45
RW - 3	05/25/05	3507.86	sheen	18.79	0.00	3489.07
RW - 3	05/27/05	3507.86	sheen	18.79	0.00	3489.07
RW - 3	05/31/05	3507.86	sheen	18.15	0.00	3489.71
RW - 3	06/03/05	3507.86	sheen	18.14	0.00	3489.72
RW - 3	06/06/05	3507.86	sheen	18.13	0.00	3489.73
RW - 3	06/08/05	3507.86	sheen	18.13	0.00	3489.73
RW - 3	06/13/05	3507.86	sheen	18.14	0.00	3489.72
RW - 3	06/20/05	3507.86	sheen	18.18	0.00	3489.68
RW - 3	06/24/05	3507.86	sheen	18.19	0.00	3489.67
RW - 3	06/27/05	3507.86	sheen	18.21	0.00	3489.65
RW - 3	07/11/05	3507.86	sheen	17.83	0.00	3490.03
RW - 3	07/15/05	3507.86	sheen	17.87	0.00	3489.99
RW - 3	07/18/05	3507.86	sheen	18.37	0.00	3489.49
RW - 3	07/21/05	3507.86	sheen	18.40	0.00	3489.46
RW - 3	07/25/05	3507.86	sheen	18.49	0.00	3489.37
RW - 3	08/01/05	3507.86	sheen	18.51	0.00	3489.35
RW - 3	08/04/05	3507.86	sheen	18.53	0.00	3489.33

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 3	08/12/05	3507.86	sheen	18.61	0.00	3489.25
RW - 3	08/15/05	3507.86	18.48	18.49	0.01	3489.38
RW - 3	08/23/05	3507.86	sheen	18.30	0.00	3489.56
RW - 3	08/30/05	3507.86	sheen	18.25	0.00	3489.61
RW - 3	09/06/05	3507.86	18.27	18.28	0.01	3489.59
RW - 3	09/13/05	3507.86	18.26	18.28	0.02	3489.60
RW - 3	09/15/05	3507.86	18.29	18.30	0.01	3489.57
RW - 3	09/19/05	3507.86	18.28	18.29	0.01	3489.58
RW - 3	09/27/05	3507.86	18.26	18.27	0.01	3489.60
RW - 3	10/03/05	3507.86	18.28	18.30	0.02	3489.58
RW - 3	10/08/05	3507.86	sheen	18.39	0.00	3489.47
RW - 3	10/10/05	3507.86	18.30	18.31	0.01	3489.56
RW - 3	10/17/05	3507.86	sheen	18.17	0.00	3489.69
RW - 3	10/24/05	3507.86	18.19	18.20	0.01	3489.67
RW - 3	10/31/05	3507.86	sheen	18.22	0.00	3489.64
RW - 3	11/15/05	3507.86	sheen	18.21	0.00	3489.65
RW - 3	11/22/05	3507.86	sheen	18.15	0.00	3489.71
RW - 3	11/27/05	3507.86	18.18	18.19	0.01	3489.68
RW - 3	12/07/05	3507.86	18.15	18.16	0.01	3489.71
RW - 3	12/12/05	3507.86	18.13	18.17	0.04	3489.72
RW - 3	12/16/05	3507.86	18.11	18.20	0.09	3489.74
RW - 3	12/22/05	3507.86	18.13	18.22	0.09	3489.72
RW - 3	12/27/05	3507.86	18.12	18.13	0.01	3489.74
RW - 3	01/03/06	3507.86	18.10	18.12	0.02	3489.76
RW - 3	01/09/06	3507.86	18.17	18.18	0.01	3489.69
RW - 3	01/16/06	3507.86	18.10	18.11	0.01	3489.76
RW - 3	01/23/06	3507.86	sheen	18.13	0.00	3489.73
RW - 3	01/30/06	3507.86	sheen	18.14	0.00	3489.72
RW - 3	02/06/06	3507.86	sheen	18.14	0.00	3489.72
RW - 3	02/14/06	3507.86	sheen	18.10	0.00	3489.76
RW - 3	02/21/06	3507.86	sheen	18.11	0.00	3489.75
RW - 3	03/01/06	3507.86	sheen	18.09	0.00	3489.77
RW - 3	03/06/06	3507.86	sheen	18.10	0.00	3489.76
RW - 3	03/15/06	3507.86	sheen	18.09	0.00	3489.77
RW - 3	03/16/06	3507.86	18.13	18.14	0.01	3489.73
RW - 3	03/21/06	3507.86	sheen	18.11	0.00	3489.75
RW - 3	03/28/06	3507.86	sheen	18.12	0.00	3489.74
RW - 3	04/03/06	3507.86	sheen	18.06	0.00	3489.80
RW - 3	04/10/06	3507.86	sheen	18.05	0.00	3489.81
RW - 3	04/17/06	3507.86	sheen	18.02	0.00	3489.84
RW - 3	05/01/06	3507.86	sheen	18.01	0.00	3489.85
RW - 3	05/08/06	3507.86	sheen	18.03	0.00	3489.83
RW - 3	05/15/06	3507.86	sheen	18.13	0.00	3489.73
RW - 3	06/05/06	3507.86	sheen	17.43	0.00	3490.43
RW - 3	06/12/06	3507.86	sheen	18.44	0.00	3489.42
RW - 3	06/15/06	3507.86	18.43	18.51	0.08	3489.42
RW - 3	06/19/06	3507.86	sheen	18.56	0.00	3489.30
RW - 3	07/03/06	3507.86	sheen	18.72	0.00	3489.14
RW - 3	07/10/06	3507.86	sheen	18.70	0.00	3489.16
RW - 3	07/17/06	3507.86	sheen	18.45	0.00	3489.41
RW - 3	07/26/06	3507.86	18.60	18.65	0.05	3489.25
RW - 3	07/31/06	3507.86	18.65	18.66	0.01	3489.21
RW - 3	08/07/06	3507.86	sheen	17.94	0.00	3489.92
RW - 3	08/17/06	3507.86	18.86	18.88	0.02	3489.00

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 3	08/21/06	3507.86	sheen	18.56	0.00	3489.30
RW - 3	09/06/06	3507.86	sheen	18.27	0.00	3489.59
RW - 3	09/11/06	3507.86	sheen	18.27	0.00	3489.59
RW - 3	09/18/06	3507.86	18.29	18.34	0.05	3489.56
RW - 3	09/25/06	3507.86	18.29	18.41	0.12	3489.55
RW - 3	10/02/06	3507.86	18.27	18.39	0.12	3489.57
RW - 3	10/09/06	3507.86	18.38	18.44	0.06	3489.47
RW - 3	10/17/06	3507.86	18.26	18.38	0.12	3489.58
RW - 3	10/23/06	3507.86	18.29	18.35	0.06	3489.56
RW - 3	10/30/06	3507.86	18.27	18.34	0.07	3489.58
RW - 3	11/06/06	3507.86	18.29	18.52	0.23	3489.54
RW - 3	11/13/06	3507.86	18.30	18.48	0.18	3489.53
RW - 3	11/20/06	3507.86	18.27	18.44	0.17	3489.56
RW - 3	11/27/06	3507.86	18.27	18.46	0.19	3489.56
RW - 3	11/30/06	3507.86	18.25	18.27	0.02	3489.61
RW - 3	12/04/06	3507.86	18.30	18.67	0.37	3489.50
RW - 3	12/12/06	3507.86	18.27	18.64	0.37	3489.53
RW - 3	01/02/07	3507.86	18.21	18.27	0.06	3489.64
RW - 3	01/11/07	3507.86	18.14	18.16	0.02	3489.72
RW - 3	01/18/07	3507.86	18.16	18.19	0.03	3489.70
RW - 3	01/22/07	3507.86	18.18	18.30	0.12	3489.66
RW - 3	02/05/07	3507.86	18.18	18.73	0.55	3489.60
RW - 3	02/12/07	3507.86	-	18.09	0.00	3489.77
RW - 3	02/19/07	3507.86	sheen	18.10	0.00	3489.76
RW - 3	02/27/07	3507.86	18.03	18.10	0.07	3489.82
RW - 3	03/05/07	3507.86	18.17	18.23	0.06	3489.68
RW - 3	03/12/07	3507.86	17.99	18.11	0.12	3489.85
RW - 3	03/19/07	3507.86	18.07	18.09	0.02	3489.79
RW - 3	04/02/07	3507.86	sheen	18.06	0.00	3489.80
RW - 3	04/09/07	3507.86	18.02	18.03	0.01	3489.84
RW - 3	05/01/07	3507.86	18.03	18.11	0.08	3489.82
RW - 3	05/12/07	3507.86	18.03	18.13	0.10	3489.82
RW - 3	05/17/07	3507.86	17.89	17.94	0.05	3489.96
RW - 3	05/21/07	3507.86	17.82	17.88	0.06	3490.03
RW - 3	05/22/07	3507.86	17.82	17.88	0.06	3490.03
RW - 3	06/01/07	3507.86	17.88	17.95	0.07	3489.97
RW - 3	06/06/07	3507.86	17.87	17.89	0.02	3489.99
RW - 3	06/11/07	3507.86	17.97	18.64	0.67	3489.79
RW - 3	06/19/07	3507.86	18.02	18.04	0.02	3489.84
RW - 3	06/25/07	3507.86	sheen	18.16	0.00	3489.70
RW - 3	07/03/07	3507.86	sheen	18.29	0.00	3489.57
RW - 3	07/23/07	3507.86	sheen	18.43	0.00	3489.43
RW - 3	07/31/07	3507.86	sheen	18.59	0.00	3489.27
RW - 3	08/15/07	3507.86	sheen	18.69	0.00	3489.17
RW - 3	09/24/07	3507.86	sheen	18.45	0.00	3489.41
RW - 3	11/05/07	3507.86	sheen	18.46	0.00	3489.40
RW - 3	11/06/07	3507.86	sheen	18.48	0.00	3489.38
RW - 3	11/12/07	3507.86	sheen	18.50	0.00	3489.36
RW - 3	11/30/07	3507.86	sheen	18.48	0.00	3489.38
RW - 3	12/14/07	3507.86	sheen	18.35	0.00	3489.51
RW - 3	01/09/08	3507.86	sheen	18.36	0.00	3489.50
RW - 3	01/16/08	3507.86	sheen	18.36	0.00	3489.50
RW - 3	01/21/08	3507.86	sheen	18.38	0.00	3489.48
RW - 3	01/30/08	3507.86	sheen	18.24	0.00	3489.62

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 3	02/08/08	3507.86	sheen	18.32	0.00	3489.54
RW - 3	02/12/08	3507.86	sheen	18.28	0.00	3489.58
RW - 3	02/14/08	3507.86	sheen	18.29	0.00	3489.57
RW - 3	02/20/08	3507.86	sheen	18.26	0.00	3489.60
RW - 3	02/28/08	3507.86	sheen	18.29	0.00	3489.57
RW - 3	03/05/08	3507.86	sheen	18.28	0.00	3489.58
RW - 3	03/13/08	3507.89	sheen	18.27	0.00	3489.62
RW - 3	03/19/08	3507.86	sheen	18.29	0.00	3489.57
RW - 3	03/24/08	3507.86	sheen	18.32	0.00	3489.54
RW - 3	04/02/08	3507.86	sheen	18.26	0.00	3489.60
RW - 3	04/14/08	3507.86	sheen	18.26	0.00	3489.60
RW - 3	05/07/08	3507.86	sheen	18.19	0.00	3489.67
RW - 3	05/13/08	3507.86	sheen	18.18	0.00	3489.68
RW - 3	05/14/08	3507.86	sheen	18.26	0.00	3489.60
RW - 3	06/09/08	3507.86	sheen	18.26	0.00	3489.60
RW - 3	06/16/08	3507.86	sheen	18.17	0.00	3489.69
RW - 3	06/23/08	3507.86	sheen	18.80	0.00	3489.06
RW - 3	06/30/08	3507.86	18.78	18.79	0.01	3489.08
RW - 3	07/14/08	3507.86	sheen	18.92	0.01	3488.95
RW - 3	07/29/08	3507.86	sheen	18.96	0.00	3488.90
RW - 3	08/04/08	3507.86	sheen	19.00	0.00	3488.86
RW - 3	08/14/08	3507.86	18.96	18.97	0.01	3488.90
RW - 3	08/18/08	3507.86	sheen	19.05	0.00	3488.81
RW - 3	08/28/08	3507.86	sheen	18.98	0.00	3488.88
RW - 3	09/17/08	3507.86	sheen	18.75	0.00	3489.11
RW - 3	09/29/08	3507.86	sheen	18.66	0.00	3489.20
RW - 3	10/06/08	3507.86	sheen	18.67	0.00	3489.19
RW - 3	10/13/08	3507.86	sheen	18.71	0.00	3489.15
RW - 3	10/20/08	3507.86	sheen	18.61	0.00	3489.25
RW - 3	10/29/08	3507.86	sheen	18.53	0.00	3489.33
RW - 3	11/06/08	3507.86	sheen	18.58	0.00	3489.28
RW - 3	11/12/08	3507.86	sheen	18.56	0.00	3489.30
RW - 3	11/13/08	3507.86	sheen	18.56	0.00	3489.30
RW - 3	12/22/08	3507.86	sheen	18.57	0.00	3489.29
RW - 3	01/06/09	3507.86	-	18.50	0.00	3489.36
RW - 3	01/12/09	3507.86	-	18.49	0.00	3489.37
RW - 3	01/19/09	3507.86	-	18.44	0.00	3489.42
RW - 3	01/26/09	3507.86	-	18.42	0.00	3489.44
RW - 3	02/10/09	3507.86	-	18.41	0.00	3489.45
RW - 3	02/13/09	3507.86	-	18.42	0.00	3489.44
RW - 3	02/16/09	3507.86	-	18.48	0.00	3489.38
RW - 3	02/24/09	3507.86	-	18.42	0.00	3489.44
RW - 3	03/02/09	3507.86	-	18.45	0.00	3489.41
RW - 3	03/05/09	3507.86	-	18.40	0.00	3489.46
RW - 3	03/09/09	3507.86	-	18.39	0.00	3489.47
RW - 3	03/16/09	3507.86	-	18.39	0.00	3489.47
RW - 3	03/19/09	3507.86	-	18.43	0.00	3489.43
RW - 3	03/25/09	3507.86	-	18.46	0.00	3489.40
RW - 3	03/30/09	3507.86	-	18.45	0.00	3489.41
RW - 3	04/13/09	3507.86	-	18.34	0.00	3489.52
RW - 3	04/13/09	3507.86	-	18.34	0.00	3489.52
RW - 3	04/16/09	3507.86	-	18.46	0.00	3489.40
RW - 3	04/21/09	3507.86	-	18.45	0.00	3489.41
RW - 3	04/27/09	3507.86	-	18.33	0.00	3489.53

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 3	04/30/09	3507.86	-	18.43	0.00	3489.43
RW - 3	05/06/09	3507.86	-	18.42	0.00	3489.44
RW - 3	05/12/09	3507.86	-	18.34	0.00	3489.52
RW - 3	05/19/09	3507.86	-	18.45	0.00	3489.41
RW - 3	05/26/09	3507.86	-	18.47	0.00	3489.39
RW - 3	06/01/09	3507.86	-	18.61	0.00	3489.25
RW - 3	06/12/09	3507.86	-	18.62	0.00	3489.24
RW - 3	06/15/09	3507.86	-	18.66	0.00	3489.20
RW - 3	06/22/09	3507.86	-	18.69	0.00	3489.17
RW - 3	06/24/09	3507.86	-	18.62	0.00	3489.24
RW - 3	06/29/09	3507.86	-	18.82	0.00	3489.04
RW - 3	07/06/09	3507.86	-	18.85	0.00	3489.01
RW - 3	07/09/09	3507.86	-	18.47	0.00	3489.39
RW - 3	07/13/09	3507.86	-	18.47	0.00	3489.39
RW - 3	07/20/09	3507.86	-	18.46	0.00	3489.40
RW - 3	07/23/09	3507.86	-	19.01	0.00	3488.85
RW - 3	07/27/09	3507.86	-	19.03	0.00	3488.83
RW - 3	07/29/09	3507.86	-	18.91	0.00	3488.95
RW - 3	08/03/09	3507.86	-	18.84	0.00	3489.02
RW - 3	08/10/09	3507.86	-	18.94	0.00	3488.92
RW - 3	08/10/09	3507.86	-	18.94	0.00	3488.92
RW - 3	08/18/09	3507.86	-	18.01	0.00	3489.85
RW - 3	08/24/09	3507.86	-	19.09	0.00	3488.77
RW - 3	08/28/09	3507.86	-	19.08	0.00	3488.78
RW - 3	08/31/09	3507.86	-	19.15	0.00	3488.71
RW - 3	09/02/09	3507.86	-	19.11	0.00	3488.75
RW - 3	09/08/09	3507.86	-	19.19	0.00	3488.67
RW - 3	09/10/09	3507.86	-	19.13	0.00	3488.73
RW - 3	09/16/09	3507.86	-	19.14	0.00	3488.72
RW - 3	09/18/09	3507.86	-	19.16	0.00	3488.70
RW - 3	09/22/09	3507.86	-	19.21	0.00	3488.65
RW - 3	09/28/09	3507.86	-	19.10	0.00	3488.76
RW - 3	10/09/09	3507.86	sheen	19.25	0.00	3488.61
RW - 3	10/12/09	3507.86	sheen	18.53	0.00	3489.33
RW - 3	10/20/09	3507.86	sheen	19.40	0.00	3488.46
RW - 3	10/26/09	3507.86	sheen	18.52	0.00	3489.34
RW - 3	10/28/09	3507.86	sheen	19.35	0.00	3488.51
RW - 3	11/03/09	3507.86	sheen	19.30	0.00	3488.56
RW - 3	11/12/09	3507.86	sheen	19.33	0.00	3488.53
RW - 3	11/18/09	3507.86	sheen	19.32	0.00	3488.54
RW - 3	12/03/09	3507.86	sheen	19.24	0.00	3488.62
RW - 3	12/11/09	3507.86	sheen	19.23	0.00	3488.63
RW - 3	12/16/09	3507.86	sheen	19.15	0.00	3488.71
RW - 3	12/21/09	3507.86	sheen	19.29	0.00	3488.57
RW - 3	12/28/09	3507.86	sheen	19.32	0.00	3488.54
RW - 3	01/04/10	3507.86	sheen	19.25	0.00	3488.61
RW - 3	01/14/10	3507.86	sheen	19.18	0.00	3488.68
RW - 3	01/20/10	3507.86	sheen	19.09	0.00	3488.77
RW - 3	01/25/10	3507.86	sheen	19.24	0.00	3488.62
RW - 3	01/27/10	3507.86	sheen	19.08	0.00	3488.78
RW - 3	02/01/10	3507.86	sheen	19.15	0.00	3488.71
RW - 3	02/08/10	3507.86	sheen	19.05	0.00	3488.81
RW - 3	02/09/10	3507.86	sheen	19.16	0.00	3488.70
RW - 3	02/19/10	3507.86	-	19.01	0.00	3488.85

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 3	02/26/10	3507.86	sheen	19.00	0.00	3488.86
RW - 3	03/01/10	3507.86	sheen	19.27	0.00	3488.59
RW - 3	03/04/10	3507.86	sheen	18.97	0.00	3488.89
RW - 3	03/08/10	3507.86	sheen	19.01	0.00	3488.85
RW - 3	03/11/10	3507.86	sheen	18.85	0.00	3489.01
RW - 3	03/15/10	3507.86	sheen	18.95	0.00	3488.91
RW - 3	03/17/10	3507.86	sheen	18.85	0.00	3489.01
RW - 3	03/22/10	3507.86	sheen	18.80	0.00	3489.06
RW - 3	03/29/10	3507.86	sheen	17.77	0.00	3490.09
RW - 3	04/05/10	3507.86	sheen	18.84	0.00	3489.02
RW - 3	04/14/10	3507.86	sheen	18.79	0.00	3489.07
RW - 3	04/16/10	3507.86	sheen	18.72	0.00	3489.14
RW - 3	04/19/10	3507.86	sheen	18.82	0.00	3489.04
RW - 3	04/28/10	3507.86	sheen	18.73	0.00	3489.13
RW - 3	05/05/10	3507.86	sheen	18.63	0.00	3489.23
RW - 3	05/12/10	3507.86	sheen	18.68	0.00	3489.18
RW - 3	05/14/10	3507.86	sheen	18.69	0.00	3489.17
RW - 3	05/21/10	3507.86	sheen	18.68	0.00	3489.18
RW - 3	05/26/10	3507.86	sheen	18.69	0.00	3489.17
RW - 3	06/04/10	3507.86	sheen	18.69	0.00	3489.17
RW - 3	06/07/10	3507.86	sheen	18.83	0.00	3489.03
RW - 3	06/12/10	3507.86	sheen	18.88	0.00	3488.98
RW - 3	06/24/10	3507.86	sheen	19.02	0.00	3488.84
RW - 3	07/07/10	3507.86	sheen	18.55	0.00	3489.31
RW - 3	07/12/10	3507.86	sheen	18.45	0.00	3489.41
RW - 3	07/19/10	3507.86	sheen	18.33	0.00	3489.53
RW - 3	08/03/10	3507.86	18.28	18.29	0.01	3489.58
RW - 3	08/11/10	3507.86	sheen	18.26	0.00	3489.60
RW - 3	08/19/10	3507.86	sheen	18.30	0.00	3489.56
RW - 3	08/25/10	3507.86	sheen	18.38	0.00	3489.48
RW - 3	09/01/10	3507.86	sheen	18.41	0.00	3489.45
RW - 3	09/09/10	3507.86	sheen	18.45	0.00	3489.41
RW - 3	09/13/10	3507.86	sheen	18.28	0.00	3489.58
RW - 3	09/29/10	3507.86	sheen	18.59	0.00	3489.27
RW - 3	10/05/10	3507.86	sheen	18.27	0.00	3489.59
RW - 3	10/20/10	3507.86	sheen	18.30	0.00	3489.56
RW - 3	10/25/10	3507.86	sheen	18.32	0.00	3489.54
RW - 3	11/03/10	3507.86	sheen	18.37	0.00	3489.49
RW - 3	11/10/10	3507.86	sheen	18.75	0.00	3489.11
RW - 3	11/12/10	3507.86	sheen	18.75	0.00	3489.11
RW - 3	12/09/10	3507.86	sheen	18.29	0.00	3489.57
RW - 3	01/18/11	3507.86	sheen	18.73	0.00	3489.13
RW - 3	02/16/11	3507.86	sheen	18.74	0.00	3489.12
RW - 3	03/01/11	3507.86	sheen	18.61	0.00	3489.25
RW - 3	03/07/11	3507.86	sheen	18.59	0.00	3489.27
RW - 3	03/22/11	3507.86	sheen	18.75	0.00	3489.11
RW - 3	04/27/11	3507.86	sheen	18.65	0.00	3489.21
RW - 3	05/05/11	3507.86	sheen	18.59	0.00	3489.27
RW - 3	05/19/11	3507.86	sheen	18.74	0.00	3489.12
RW - 3	06/08/11	3507.86	sheen	19.01	0.00	3488.85
RW - 3	07/06/11	3507.86	sheen	19.18	0.00	3488.68
RW - 3	07/14/11	3507.86	sheen	19.18	0.00	3488.68
RW - 3	07/20/11	3507.86	sheen	19.19	0.00	3488.67
RW - 3	07/27/11	3507.86	-	19.23	0.00	3488.63

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 3	08/03/11	3507.86	-	19.23	0.00	3488.63
RW - 3	08/10/11	3507.86	-	19.38	0.00	3488.48
RW - 3	08/18/11	3507.86	-	19.26	0.00	3488.60
RW - 3	08/25/11	3507.86	-	19.33	0.00	3488.53
RW - 3	09/07/11	3507.86	-	19.41	0.00	3488.45
RW - 3	09/14/11	3507.86	-	19.56	0.00	3488.30
RW - 3	11/14/11	3507.86	-	19.43	0.00	3488.43
RW - 3	12/01/11	3507.86	-	19.32	0.00	3488.54
RW - 3	12/08/11	3507.86	-	19.31	0.00	3488.55
RW - 3	12/14/11	3507.86	-	19.29	0.00	3488.57
RW - 3	01/12/12	3507.86	-	19.29	0.00	3488.57
RW - 3	01/19/12	3507.86	-	19.31	0.00	3488.55
RW - 3	02/03/12	3507.86	-	19.23	0.00	3488.63
RW - 3	02/29/12	3507.86	-	19.09	0.00	3488.77
RW - 3	05/02/12	3507.86	-	19.01	0.00	3488.85
RW - 3	12/06/12	3507.86	-	20.20	0.00	3487.66
RW - 3	12/11/12	3507.86	-	20.20	0.00	3487.66
RW - 3	12/18/12	3507.86	20.14	20.15	0.01	3487.72
RW - 3	01/09/13	3507.86	-	20.11	0.00	3487.75
RW - 3	01/15/13	3507.86	-	20.12	0.00	3487.74
RW - 3	01/23/13	3507.86	-	20.10	0.00	3487.76
RW - 3	01/29/13	3507.86	-	20.08	0.00	3487.78
RW - 3	02/07/13	3507.86	-	20.08	0.00	3487.78
RW - 3	02/13/13	3507.86	-	20.06	0.00	3487.80
RW - 3	02/20/13	3507.86	-	20.04	0.00	3487.82
RW - 3	02/25/13	3507.86	20.05	20.06	0.01	3487.81
RW - 3	04/30/13	3507.86	-	19.90	0.00	3487.96
RW - 3	05/08/13	3507.86	19.90	19.93	0.03	3487.96
RW - 3	05/22/13	3507.86	-	19.89	0.00	3487.97
RW - 3	06/04/13	3507.86	19.92	19.94	0.02	3487.94
RW - 3	06/19/13	3507.86	19.86	19.91	0.05	3487.99
RW - 3	06/28/13	3507.86	20.13	20.20	0.07	3487.72
RW - 3	07/01/13	3507.86	20.21	20.23	0.02	3487.65
RW - 3	07/08/13	3507.86	20.10	20.15	0.05	3487.75
RW - 3	07/23/13	3507.86	20.29	20.32	0.03	3487.57
RW - 3	07/30/13	3507.86	-	20.25	0.00	3487.61
RW - 3	08/05/13	3507.86	-	20.22	0.00	3487.64
RW - 3	08/12/13	3507.86	-	20.23	0.00	3487.63
RW - 3	08/22/13	3507.86	-	20.33	0.00	3487.53
RW - 3	08/29/13	3507.86	-	20.37	0.00	3487.49
RW - 3	09/05/13	3507.86	-	20.41	0.00	3487.45
RW - 3	09/10/13	3507.86	-	20.46	0.00	3487.40
RW - 3	09/17/13	3507.86	-	20.50	0.00	3487.36
RW - 3	09/24/13	3507.86	-	20.50	0.00	3487.36
RW - 3	10/07/13	3507.86	-	20.59	0.00	3487.27
RW - 3	11/14/13	-	-	22.78	0.00	-
RW - 3	11/20/13	-	-	22.79	0.00	-
RW - 3	12/12/13	-	-	22.77	0.00	-
RW - 3	12/19/13	-	-	22.73	0.00	-
RW - 3	01/03/14	-	-	22.69	0.00	-
RW - 3	01/09/14	-	-	22.70	0.00	-
RW - 3	01/13/14	-	-	22.70	0.00	-
RW - 3	01/21/14	-	-	22.68	0.00	-
RW - 3	01/24/14	-	-	22.73	0.00	-

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 3	02/04/14	3512.17	-	22.64	0.00	3489.53
RW - 3	02/10/14	3512.17	-	22.66	0.00	3489.51
RW - 3	02/27/14	3512.17	-	23.62	0.00	3488.55
RW - 3	03/17/14	3512.17	-	22.51	0.00	3489.66
RW - 3	03/27/14	3512.17	-	22.50	0.00	3489.67
RW - 3	04/02/14	3512.17	-	22.49	0.00	3489.68
RW - 3	04/16/14	3512.17	-	22.41	0.00	3489.76
RW - 3	04/22/14	3512.17	-	22.42	0.00	3489.75
RW - 3	04/28/14	3512.17	-	22.42	0.00	3489.75
RW - 3	05/06/14	3512.17	-	22.38	0.00	3489.79
RW - 3	05/13/14	3512.17	-	22.43	0.00	3489.74
RW - 3	05/14/14	3512.17	-	22.41	0.00	3489.76
RW - 3	05/21/14	3512.17	-	22.42	0.00	3489.75
RW - 3	06/05/14	3512.17	-	22.54	0.00	3489.63
RW - 3	06/11/14	3512.17	-	22.59	0.00	3489.58
RW - 3	06/16/14	3512.17	-	22.66	0.00	3489.51
RW - 3	06/24/14	3512.17	-	22.77	0.00	3489.40
RW - 3	07/01/14	3512.17	-	22.83	0.00	3489.34
RW - 3	07/08/14	3512.17	-	22.90	0.00	3489.27
RW - 3	07/15/14	3512.17	-	22.95	0.00	3489.22
RW - 3	07/22/14	3512.17	-	23.00	0.00	3489.17
RW - 3	07/23/14	3512.17	-	23.00	0.00	3489.17
RW - 3	07/31/14	3512.17	-	23.03	0.00	3489.14
RW - 3	08/05/14	3512.17	-	23.05	0.00	3489.12
RW - 3	08/07/14	3512.17	-	23.06	0.00	3489.11
RW - 3	08/15/14	3512.17	-	23.09	0.00	3489.08
RW - 3	08/20/14	3512.17	-	23.10	0.00	3489.07
RW - 3	08/27/14	3512.17	-	23.12	0.00	3489.05
RW - 3	09/24/14	3512.17	-	22.52	0.00	3489.65
RW - 3	10/01/14	3512.17	-	22.19	0.00	3489.98
RW - 3	10/07/14	3512.17	-	22.07	0.00	3490.10
RW - 3	10/14/14	3512.17	-	22.00	0.00	3490.17
RW - 3	10/20/14	3512.17	-	21.95	0.00	3490.22
RW - 3	10/27/14	3512.17	-	21.93	0.00	3490.24
RW - 3	11/03/14	3512.17	-	21.94	0.00	3490.23
RW - 3	11/11/14	3512.17	-	21.91	0.00	3490.26
RW - 3	11/19/14	3512.17	-	21.89	0.00	3490.28
RW - 3	12/08/14	3512.17	-	21.90	0.00	3490.27
RW - 3	12/15/14	3512.17	-	21.90	0.00	3490.27
RW - 3	12/22/14	3512.17	-	21.86	0.00	3490.31
RW - 3	12/29/14	3512.17	-	21.90	0.00	3490.27
RW - 3	01/05/15	3512.17	-	21.91	0.00	3490.26
RW - 3	01/12/15	3512.17	-	21.93	0.00	3490.24
RW - 3	01/19/15	3512.17	-	21.90	0.00	3490.27
RW - 3	02/04/15	3512.17	-	21.89	0.00	3490.28
RW - 3	02/09/15	3512.17	-	21.89	0.00	3490.28
RW - 3	02/19/15	3512.17	-	21.88	0.00	3490.29
RW - 3	03/03/15	3512.17	-	21.86	0.00	3490.31
RW - 3	03/09/15	3512.17	-	21.90	0.00	3490.27
RW - 3	03/16/15	3512.17	-	21.88	0.00	3490.29
RW - 3	03/20/15	3512.17	-	21.90	0.00	3490.27
RW - 3	03/23/15	3512.17	-	21.87	0.00	3490.30
RW - 3	03/30/15	3512.17	-	21.87	0.00	3490.30
RW - 3	04/04/15	3512.17	-	21.89	0.00	3490.28

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 3	04/07/15	3512.17	-	21.85	0.00	3490.32
RW - 3	04/14/15	3512.17	-	21.86	0.00	3490.31
RW - 3	04/20/15	3512.17	-	21.83	0.00	3490.34
RW - 3	04/27/15	3512.17	-	21.84	0.00	3490.33
RW - 3	05/07/15	3512.17	-	21.79	0.00	3490.38
RW - 3	05/11/15	3512.17	-	21.88	0.00	3490.29
RW - 3	05/21/15	3512.17	-	21.75	0.00	3490.42
RW - 3	05/27/15	3512.17	-	21.74	0.00	3490.43
RW - 3	05/28/15	3512.17	-	21.73	0.00	3490.44
RW - 3	06/03/15	3512.17	-	21.71	0.00	3490.46
RW - 3	06/08/15	3512.17	-	21.73	0.00	3490.44
RW - 3	06/29/15	3512.17	-	21.72	0.00	3490.45
RW - 3	07/08/15	3512.17	-	21.76	0.00	3490.41
RW - 3	07/09/15	3512.17	-	21.74	0.00	3490.43
RW - 3	07/14/15	3512.17	-	21.80	0.00	3490.37
RW - 3	07/20/15	3512.17	-	21.82	0.00	3490.35
RW - 3	07/28/15	3512.17	-	21.94	0.00	3490.23
RW - 3	08/03/15	3512.17	-	21.86	0.00	3490.31
RW - 3	08/04/15	3512.17	-	22.04	0.00	3490.13
RW - 3	08/10/15	3512.17	-	22.10	0.00	3490.07
RW - 3	08/17/15	3512.17	-	22.16	0.00	3490.01
RW - 3	08/25/15	3512.17	-	22.18	0.00	3489.99
RW - 3	08/31/15	3512.17	-	22.20	0.00	3489.97
RW - 3	09/08/15	3512.17	-	22.18	0.00	3489.99
RW - 3	09/15/15	3512.17	-	22.17	0.00	3490.00
RW - 3	09/24/15	3512.17	-	22.31	0.00	3489.86
RW - 3	09/28/15	3512.17	-	22.30	0.00	3489.87
RW - 3	10/06/15	3512.17	-	22.29	0.00	3489.88
RW - 3	10/12/15	3512.17	-	22.22	0.00	3489.95
RW - 3	10/26/15	3512.17	-	22.10	0.00	3490.07
RW - 3	11/06/15	3512.17	-	22.03	0.00	3490.14
RW - 3	11/10/15	3512.17	-	21.95	0.00	3490.22
RW - 3	11/18/15	3512.17	-	21.90	0.00	3490.27
RW - 3	12/02/15	3512.17	-	21.91	0.00	3490.26
RW - 3	12/07/15	3512.17	-	21.89	0.00	3490.28
RW - 3	12/14/15	3512.17	-	21.83	0.00	3490.34
RW - 3	01/05/16	3512.17	-	21.75	0.00	3490.42
RW - 3	01/08/16	3512.17	-	21.82	0.00	3490.35
RW - 3	01/12/16	3512.17	-	21.87	0.00	3490.30
RW - 3	01/18/16	3512.17	-	21.86	0.00	3490.31
RW - 3	01/25/16	3512.17	-	21.82	0.00	3490.35
RW - 3	02/01/16	3512.17	-	21.72	0.00	3490.45
RW - 3	02/08/16	3512.17	-	21.80	0.00	3490.37
RW - 3	02/19/16	3512.17	-	21.74	0.00	3490.43
RW - 3	02/23/16	3512.17	-	21.69	0.00	3490.48
RW - 3	03/03/16	3512.17	-	21.78	0.00	3490.39
RW - 3	03/07/16	3512.17	-	21.70	0.00	3490.47
RW - 3	03/15/16	3512.17	-	21.66	0.00	3490.51
RW - 3	03/21/16	3512.17	-	21.68	0.00	3490.49
RW - 3	03/28/16	3512.17	-	21.67	0.00	3490.50
RW - 3	04/05/16	3512.17	-	21.63	0.00	3490.54
RW - 3	04/08/16	3512.17	-	21.68	0.00	3490.49
RW - 3	04/12/16	3512.17	-	21.66	0.00	3490.51
RW - 3	04/18/16	3512.17	-	21.63	0.00	3490.54

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 3	04/25/16	3512.17	-	21.60	0.00	3490.57
RW - 3	05/02/16	3512.17	-	21.60	0.00	3490.57
RW - 3	05/23/16	3512.17	-	21.56	0.00	3490.61
RW - 3	06/01/16	3512.17	-	21.63	0.00	3490.54
RW - 3	06/06/16	3512.17	-	21.67	0.00	3490.50
RW - 3	06/28/16	3512.17	-	21.90	0.00	3490.27
RW - 3	07/12/16	3512.17	-	22.06	0.00	3490.11
RW - 3	07/19/16	3512.17	-	22.10	0.00	3490.07
RW - 3	07/27/16	3512.17	-	22.20	0.00	3489.97
RW - 3	08/03/16	3512.17	-	22.22	0.00	3489.95
RW - 3	08/08/16	3512.17	-	22.30	0.00	3489.87
RW - 3	08/16/16	3512.17	-	22.33	0.00	3489.84
RW - 3	08/23/16	3512.17	-	22.40	0.00	3489.77
RW - 3	08/31/16	3512.17	-	22.20	0.00	3489.97
RW - 3	09/14/16	3512.17	-	21.60	0.00	3490.57
RW - 3	09/22/16	3512.17	-	21.42	0.00	3490.75
RW - 3	09/27/16	3512.17	-	21.31	0.00	3490.86
RW - 3	10/07/16	3512.17	-	21.21	0.00	3490.96
RW - 3	10/21/16	3512.17	-	21.22	0.00	3490.95
RW - 3	10/28/16	3512.17	-	21.20	0.00	3490.97
RW - 3	11/04/16	3512.17	-	21.24	0.00	3490.93
RW - 3	11/09/16	3512.17	-	21.32	0.00	3490.85
RW - 3	12/06/16	3512.17	-	21.18	0.00	3490.99
RW - 3	12/15/16	3512.17	-	21.47	0.00	3490.70
RW - 3	12/22/16	3512.17	-	21.31	0.00	3490.86
RW - 3	12/29/16	3512.17	-	21.41	0.00	3490.76
RW - 3	01/05/17	3512.17	-	21.19	0.00	3490.98
RW - 3	01/11/17	3512.17	-	21.51	0.00	3490.66
RW - 3	01/18/17	3512.17	-	21.24	0.00	3490.93
RW - 3	01/26/17	3512.17	-	21.30	0.00	3490.87
RW - 3	01/31/17	3512.17	-	21.24	0.00	3490.93
RW - 3	02/10/17	3512.17	-	21.26	0.00	3490.91
RW - 3	02/17/17	3512.17	-	21.20	0.00	3490.97
RW - 3	02/24/17	3512.17	-	21.20	0.00	3490.97
RW - 3	03/01/17	3512.17	-	21.23	0.00	3490.94
RW - 3	03/09/17	3512.17	-	21.32	0.00	3490.85
RW - 3	03/15/17	3512.17	-	21.28	0.00	3490.89
RW - 3	03/22/17	3512.17	-	21.34	0.00	3490.83
RW - 3	03/29/17	3512.17	-	21.48	0.00	3490.69
RW - 3	04/07/17	3512.17	-	21.24	0.00	3490.93
RW - 3	04/11/17	3512.17	-	21.19	0.00	3490.98
RW - 3	04/20/17	3512.17	-	21.16	0.00	3491.01
RW - 3	05/02/17	3512.17	-	21.14	0.00	3491.03
RW - 3	05/12/17	3512.17	-	21.19	0.00	3490.98
RW - 3	05/16/17	3512.17	-	21.15	0.00	3491.02
RW - 3	05/24/17	3512.17	-	21.31	0.00	3490.86
RW - 3	06/05/17	3512.17	-	21.29	0.00	3490.88
RW - 3	06/15/17	3512.17	-	21.43	0.00	3490.74
RW - 3	06/28/17	3512.17	-	21.51	0.00	3490.66
RW - 3	07/05/17	3512.17	-	21.59	0.00	3490.58
RW - 3	07/11/17	3512.17	-	21.64	0.00	3490.53
RW - 3	07/17/17	3512.17	-	21.67	0.00	3490.50
RW - 3	07/20/17	3512.17	-	21.71	0.00	3490.46
RW - 3	08/16/17	3512.17	-	21.66	0.00	3490.51

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 3	09/05/17	3512.17	-	21.50	0.00	3490.67
RW - 3	09/13/17	3512.17	-	21.46	0.00	3490.71
RW - 3	09/19/17	3512.17	-	21.52	0.00	3490.65
RW - 3	09/29/17	3512.17	-	21.57	0.00	3490.60
RW - 3	10/05/17	3512.17	-	21.60	0.00	3490.57
RW - 3	10/12/17	3512.17	-	21.41	0.00	3490.76
RW - 3	10/20/17	3512.17	-	21.39	0.00	3490.78
RW - 3	10/24/17	3512.17	-	21.40	0.00	3490.77
RW - 3	11/02/17	3512.17	-	21.36	0.00	3490.81
RW - 3	11/14/17	3512.17	-	21.33	0.00	3490.84
RW - 3	12/20/17	3512.17	-	22.28	0.00	3489.89
RW - 3	12/28/17	3512.17	-	21.25	0.00	3490.92
RW - 3	01/03/18	3512.17	-	21.27	0.00	3490.90
RW - 3	01/09/18	3512.17	-	21.29	0.00	3490.88
RW - 3	01/19/18	3512.17	-	21.24	0.00	3490.93
RW - 3	01/24/18	3512.17	-	21.27	0.00	3490.90
RW - 3	02/07/18	3512.17	-	21.48	0.00	3490.69
RW - 3	02/12/18	3512.17	-	21.24	0.00	3490.93
RW - 3	02/22/18	3512.17	-	21.23	0.00	3490.94
RW - 3	03/02/18	3512.17	-	21.22	0.00	3490.95
RW - 3	03/07/18	3512.17	-	21.21	0.00	3490.96
RW - 3	03/19/18	3512.17	-	21.24	0.00	3490.93
RW - 3	03/29/18	3512.17	-	21.20	0.00	3490.97
RW - 3	04/02/18	3512.17	-	21.16	0.00	3491.01
RW - 3	04/11/18	3512.17	-	21.16	0.00	3491.01
RW - 3	04/16/18	3512.17	-	21.22	0.00	3490.95
RW - 3	04/25/18	3512.17	-	21.19	0.00	3490.98
RW - 3	05/01/18	3512.17	-	21.16	0.00	3491.01
RW - 3	05/08/18	3512.17	-	21.18	0.00	3490.99
RW - 3	05/22/18	3512.17	-	21.45	0.00	3490.72
RW - 3	06/06/18	3512.17	-	21.31	0.00	3490.86
RW - 3	06/13/18	3512.17	-	21.61	0.00	3490.56
RW - 3	06/18/18	3512.17	-	21.67	0.00	3490.50
RW - 3	06/25/18	3512.17	-	24.70	0.00	3487.47
RW - 3	07/02/18	3512.17	-	21.73	0.00	3490.44
RW - 3	07/11/18	3512.17	-	21.89	0.00	3490.28
RW - 3	07/19/18	3512.17	-	21.84	0.00	3490.33
RW - 3	07/27/18	3512.17	-	21.91	0.00	3490.26
RW - 3	08/08/18	3512.17	-	22.04	0.00	3490.13
RW - 3	08/30/18	3512.17	-	22.09	0.00	3490.08
RW - 3	09/12/18	3512.17	-	22.16	0.00	3490.01
RW - 3	09/20/18	3512.17	-	22.02	0.00	3490.15
RW - 3	09/26/18	3512.17	-	22.06	0.00	3490.11
RW - 3	10/03/18	3512.17	-	21.98	0.00	3490.19
RW - 3	10/19/18	3512.17	-	21.99	0.00	3490.18
RW - 3	10/31/18	3512.17	-	21.87	0.00	3490.30
RW - 3	11/06/18	3512.17	-	21.83	0.00	3490.34
RW - 3	11/13/18	3512.17	-	22.09	0.00	3490.08
RW - 3	12/03/18	3512.17	-	21.74	0.00	3490.43
RW - 3	12/19/18	3512.17	-	21.79	0.00	3490.38
RW - 3	12/27/18	3512.17	-	21.64	0.00	3490.53
RW - 3	01/03/19	3512.17	-	21.68	0.00	3490.49
RW - 3	01/09/19	3512.17	-	21.83	0.00	3490.34
RW - 3	01/16/19	3512.17	-	21.73	0.00	3490.44

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 3	02/06/19	3512.17	-	21.69	0.00	3490.48
RW - 3	02/12/19	3512.17	-	21.70	0.00	3490.47
RW - 3	02/28/19	3512.17	-	21.78	0.00	3490.39
RW - 3	03/06/19	3512.17	-	21.65	0.00	3490.52
RW - 3	03/12/19	3512.17	-	21.57	0.00	3490.60
RW - 3	03/19/19	3512.17	-	21.65	0.00	3490.52
RW - 3	03/28/19	3512.17	-	21.80	0.00	3490.37
RW - 3	04/01/19	3512.17	-	21.82	0.00	3490.35
RW - 3	04/10/19	3512.17	-	21.57	0.00	3490.60
RW - 3	04/17/19	3512.17	-	21.69	0.00	3490.48
RW - 3	04/24/19	3512.17	-	21.57	0.00	3490.60
RW - 3	05/01/19	3512.17	-	21.66	0.00	3490.51
RW - 3	05/08/19	3512.17	-	21.50	0.00	3490.67
RW - 3	06/14/19	3512.17	-	21.92	0.00	3490.25
RW - 3	07/11/19	3512.17	-	21.89	0.00	3490.28
RW - 3	08/02/19	3512.17	-	22.06	0.00	3490.11
RW - 3	08/08/19	3512.17	-	22.08	0.00	3490.09
RW - 3	09/12/19	3512.17	-	22.07	0.00	3490.10
RW - 3	09/17/19	3512.17	-	22.28	0.00	3489.89
RW - 3	10/15/19	3512.17	-	22.11	0.00	3490.06
RW - 3	11/06/19	3512.17	-	22.05	0.00	3490.12
RW - 3	11/13/19	3512.17	-	21.96	0.00	3490.21
RW - 3	12/17/19	3512.17	-	21.87	0.00	3490.30
RW - 3	01/06/20	3512.17	-	21.78	0.00	3490.39
RW - 3	01/23/20	3512.17	-	21.76	0.00	3490.41
RW - 3	02/21/20	3512.17	-	21.72	0.00	3490.45
RW - 3	03/05/20	3512.17	-	21.72	0.00	3490.45
RW - 3	05/14/20	3512.17	-	21.85	0.00	3490.32
RW - 3	05/21/20	3512.17	-	21.50	0.00	3490.67
RW - 3	06/18/20	3512.17	-	21.84	0.00	3490.33
RW - 3	07/01/20	3512.17	-	22.01	0.00	3490.16
RW - 3	07/21/20	3512.17	-	22.16	0.00	3490.01
RW - 3	08/13/20	3512.17	-	22.30	0.00	3489.87
RW - 3	09/14/20	3512.17	-	22.44	0.00	3489.73
RW - 3	09/30/20	3512.17	-	22.46	0.00	3489.71
RW - 3	12/10/20	3512.17	-	22.53	0.00	3489.64
RW - 3	01/13/21	3512.17	-	22.46	0.00	3489.71
RW - 3	02/11/21	3512.17	-	22.43	0.00	3489.74
RW - 3	04/21/21	3512.17	-	22.33	0.00	3489.84
RW - 3	04/28/21	3512.17	-	22.31	0.00	3489.86
RW - 3	06/11/21	3512.17	-	22.32	0.00	3489.85
RW - 3	07/31/21	3512.17	-	22.35	0.00	3489.82
RW - 3	08/31/21	3512.17	-	22.58	0.00	3489.59
RW - 3	09/23/21	3512.17	-	22.61	0.00	3489.56
RW - 3	10/14/21	3512.17	-	22.63	0.00	3489.54
RW - 3	10/28/21	3512.17	-	22.67	0.00	3489.50
RW - 3	12/06/21	3512.17	-	22.73	0.00	3489.44
RW - 4	11/05/02	3507.22	-	19.43	0.00	3487.79
RW - 4	11/06/02	3507.22	-	19.42	0.00	3487.80
RW - 4	11/12/02	3507.22	-	19.39	0.00	3487.83
RW - 4	01/07/03	3507.22	-	19.12	0.00	3488.10
RW - 4	01/27/03	3507.22	-	19.01	0.00	3488.21
RW - 4	03/11/03	3507.22	-	18.98	0.00	3488.24

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 4	03/19/03	3507.22	-	18.97	0.00	3488.25
RW - 4	04/16/03	3507.22	-	18.94	0.00	3488.28
RW - 4	04/29/03	3507.22	-	18.91	0.00	3488.31
RW - 4	05/14/03	3507.22	-	19.10	0.00	3488.12
RW - 4	05/20/03	3507.22	-	19.23	0.00	3487.99
RW - 4	05/27/03	3507.22	-	19.26	0.00	3487.96
RW - 4	06/04/03	3507.22	-	19.21	0.00	3488.01
RW - 4	07/07/03	3507.22	-	19.64	0.00	3487.58
RW - 4	07/30/03	3507.22	-	19.72	0.00	3487.50
RW - 4	08/06/03	3507.22	-	19.92	0.00	3487.30
RW - 4	08/21/03	3507.22	sheen	20.14	0.00	3487.08
RW - 4	08/26/03	3507.22	-	20.17	0.00	3487.05
RW - 4	09/08/03	3507.22	-	20.18	0.00	3487.04
RW - 4	09/15/03	3507.22	-	20.20	0.00	3487.02
RW - 4	09/24/03	3507.22	-	20.31	0.00	3486.91
RW - 4	10/02/03	3507.22	-	20.18	0.00	3487.04
RW - 4	10/08/03	3507.22	-	20.08	0.00	3487.14
RW - 4	10/16/03	3507.22	-	20.41	0.00	3486.81
RW - 4	10/28/03	3507.22	-	20.50	0.00	3486.72
RW - 4	11/11/03	3507.22	-	20.57	0.00	3486.65
RW - 4	11/18/03	3507.22	-	20.29	0.00	3486.93
RW - 4	12/10/03	3507.22	20.11	20.14	0.03	3487.11
RW - 4	02/02/04	3507.22	-	20.47	0.00	3486.75
RW - 4	02/11/04	3507.22	19.92	19.94	0.02	3487.30
RW - 4	02/26/04	3507.22	-	20.04	0.00	3487.18
RW - 4	03/16/04	3507.22	-	20.21	0.00	3487.01
RW - 4	03/19/04	3507.22	-	20.19	0.00	3487.03
RW - 4	03/25/04	3507.22	-	20.19	0.00	3487.03
RW - 4	04/01/04	3507.22	-	20.09	0.00	3487.13
RW - 4	04/08/04	3507.22	-	20.14	0.00	3487.08
RW - 4	04/14/04	3507.22	-	19.39	0.00	3487.83
RW - 4	04/16/04	3507.22	-	19.54	0.00	3487.68
RW - 4	04/22/04	3507.22	-	18.71	0.00	3488.51
RW - 4	04/29/04	3507.22	-	18.74	0.00	3488.48
RW - 4	05/11/04	3507.22	-	18.74	0.00	3488.48
RW - 4	06/08/04	3507.22	-	18.83	0.00	3488.39
RW - 4	06/17/04	3507.22	-	18.80	0.00	3488.42
RW - 4	06/22/04	3507.22	-	18.83	0.00	3488.39
RW - 4	06/29/04	3507.22	-	18.81	0.00	3488.41
RW - 4	07/06/04	3507.22	-	18.82	0.00	3488.40
RW - 4	07/13/04	3507.22	-	18.87	0.00	3488.35
RW - 4	07/20/04	3507.22	-	18.97	0.00	3488.25
RW - 4	08/04/04	3507.22	-	18.99	0.00	3488.23
RW - 4	08/10/04	3507.22	-	18.97	0.00	3488.25
RW - 4	08/16/04	3507.22	19.20	19.23	0.03	3488.02
RW - 4	08/23/04	3507.22	19.14	19.17	0.03	3488.08
RW - 4	08/25/04	3507.22	19.10	19.15	0.05	3488.11
RW - 4	08/26/04	3507.22	sheen	19.10	0.00	3488.12
RW - 4	08/31/04	3507.22	sheen	19.22	0.00	3488.00
RW - 4	09/13/04	3507.22	19.26	19.30	0.04	3487.95
RW - 4	09/20/04	3507.22	sheen	19.34	0.00	3487.88
RW - 4	09/30/04	3507.22	sheen	19.29	0.00	3487.93
RW - 4	10/04/04	3507.22	sheen	18.90	0.00	3488.32
RW - 4	10/11/04	3507.22	sheen	18.70	0.00	3488.52

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 4	10/18/04	3507.22	sheen	18.66	0.00	3488.56
RW - 4	10/26/04	3507.22	sheen	18.70	0.00	3488.52
RW - 4	11/02/04	3507.22	sheen	18.77	0.00	3488.45
RW - 4	11/08/04	3507.22	sheen	18.65	0.00	3488.57
RW - 4	11/15/04	3507.22	sheen	18.56	0.00	3488.66
RW - 4	12/01/04	3507.22	sheen	18.50	0.00	3488.72
RW - 4	12/03/04	3507.22	sheen	18.50	0.00	3488.72
RW - 4	12/14/04	3507.22	sheen	18.38	0.00	3488.84
RW - 4	12/21/04	3507.22	sheen	18.63	0.00	3488.59
RW - 4	12/29/04	3507.22	sheen	18.25	0.00	3488.97
RW - 4	01/11/05	3507.22	sheen	18.17	0.00	3489.05
RW - 4	01/14/05	3507.22	sheen	18.15	0.00	3489.07
RW - 4	01/21/05	3507.22	sheen	18.14	0.00	3489.08
RW - 4	01/25/05	3507.22	sheen	18.08	0.00	3489.14
RW - 4	01/28/05	3507.22	sheen	18.14	0.00	3489.08
RW - 4	02/02/05	3507.22	sheen	18.04	0.00	3489.18
RW - 4	02/05/05	3507.22	sheen	17.95	0.00	3489.27
RW - 4	02/08/05	3507.22	sheen	18.00	0.00	3489.22
RW - 4	02/11/05	3507.22	sheen	18.02	0.00	3489.20
RW - 4	02/15/05	3507.22	sheen	17.91	0.00	3489.31
RW - 4	02/18/05	3507.22	sheen	17.90	0.00	3489.32
RW - 4	02/22/05	3507.22	sheen	17.94	0.00	3489.28
RW - 4	02/25/05	3507.22	sheen	17.94	0.00	3489.28
RW - 4	03/01/05	3507.22	sheen	17.92	0.00	3489.30
RW - 4	03/04/05	3507.22	sheen	17.89	0.00	3489.33
RW - 4	03/08/05	3507.22	sheen	17.84	0.00	3489.38
RW - 4	03/08/05	3507.22	sheen	17.84	0.00	3489.38
RW - 4	03/11/05	3507.22	sheen	17.87	0.00	3489.35
RW - 4	03/15/05	3507.22	sheen	17.82	0.00	3489.40
RW - 4	03/18/05	3507.22	sheen	17.88	0.00	3489.34
RW - 4	03/22/05	3507.22	sheen	17.71	0.00	3489.51
RW - 4	03/28/05	3507.22	sheen	17.68	0.00	3489.54
RW - 4	04/01/05	3507.22	sheen	17.70	0.00	3489.52
RW - 4	04/05/05	3507.22	sheen	17.68	0.00	3489.54
RW - 4	04/08/05	3507.22	sheen	17.69	0.00	3489.53
RW - 4	04/12/05	3507.22	sheen	17.65	0.00	3489.57
RW - 4	04/15/05	3507.22	sheen	17.62	0.00	3489.60
RW - 4	05/25/05	3507.22	sheen	17.43	0.00	3489.79
RW - 4	05/27/05	3507.22	sheen	17.42	0.00	3489.80
RW - 4	05/31/05	3507.22	sheen	17.40	0.00	3489.82
RW - 4	06/03/05	3507.22	sheen	17.35	0.00	3489.87
RW - 4	06/06/05	3507.22	sheen	17.36	0.00	3489.86
RW - 4	06/08/05	3507.22	sheen	17.36	0.00	3489.86
RW - 4	06/13/05	3507.22	sheen	17.35	0.00	3489.87
RW - 4	06/20/05	3507.22	sheen	17.38	0.00	3489.84
RW - 4	06/24/05	3507.22	sheen	17.39	0.00	3489.83
RW - 4	06/27/05	3507.22	sheen	17.34	0.00	3489.88
RW - 4	07/11/05	3507.22	sheen	17.48	0.00	3489.74
RW - 4	07/15/05	3507.22	sheen	17.51	0.00	3489.71
RW - 4	07/18/05	3507.22	sheen	17.62	0.00	3489.60
RW - 4	07/21/05	3507.22	sheen	17.63	0.00	3489.59
RW - 4	07/25/05	3507.22	sheen	17.74	0.00	3489.48
RW - 4	08/01/05	3507.22	sheen	17.66	0.00	3489.56
RW - 4	08/04/05	3507.22	sheen	17.66	0.00	3489.56

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 4	08/12/05	3507.22	sheen	17.75	0.00	3489.47
RW - 4	08/15/05	3507.22	17.71	17.72	0.01	3489.51
RW - 4	08/23/05	3507.22	sheen	17.60	0.00	3489.62
RW - 4	08/30/05	3507.22	sheen	17.53	0.00	3489.69
RW - 4	09/06/05	3507.22	sheen	17.44	0.00	3489.78
RW - 4	09/13/05	3507.22	17.48	17.49	0.01	3489.74
RW - 4	09/15/05	3507.22	17.47	17.48	0.01	3489.75
RW - 4	09/19/05	3507.22	sheen	17.55	0.00	3489.67
RW - 4	09/27/05	3507.22	sheen	17.56	0.00	3489.66
RW - 4	10/03/05	3507.22	sheen	17.64	0.00	3489.58
RW - 4	10/08/05	3507.22	sheen	17.34	0.00	3489.88
RW - 4	10/10/05	3507.22	sheen	17.54	0.00	3489.68
RW - 4	10/17/05	3507.22	sheen	17.49	0.00	3489.73
RW - 4	10/24/05	3507.22	sheen	17.48	0.00	3489.74
RW - 4	10/31/05	3507.22	sheen	17.39	0.00	3489.83
RW - 4	11/15/05	3507.22	sheen	17.49	0.00	3489.73
RW - 4	11/22/05	3507.22	sheen	17.40	0.00	3489.82
RW - 4	11/27/05	3507.22	17.35	17.36	0.01	3489.87
RW - 4	12/07/05	3507.22	17.36	17.37	0.01	3489.86
RW - 4	12/12/05	3507.22	17.31	17.34	0.03	3489.91
RW - 4	12/16/05	3507.22	17.33	17.34	0.01	3489.89
RW - 4	12/22/05	3507.22	17.35	17.37	0.02	3489.87
RW - 4	12/27/05	3507.22	sheen	17.38	0.00	3489.84
RW - 4	01/03/06	3507.22	sheen	17.46	0.00	3489.76
RW - 4	01/09/06	3507.22	sheen	17.47	0.00	3489.75
RW - 4	01/16/06	3507.22	sheen	17.56	0.00	3489.66
RW - 4	01/23/06	3507.22	sheen	17.39	0.00	3489.83
RW - 4	01/30/06	3507.22	sheen	17.38	0.00	3489.84
RW - 4	02/06/06	3507.22	sheen	17.33	0.00	3489.89
RW - 4	02/14/06	3507.22	sheen	17.33	0.00	3489.89
RW - 4	02/21/06	3507.22	sheen	17.29	0.00	3489.93
RW - 4	03/01/06	3507.22	sheen	17.27	0.00	3489.95
RW - 4	03/06/06	3507.22	sheen	17.29	0.00	3489.93
RW - 4	03/15/06	3507.22	sheen	17.20	0.00	3490.02
RW - 4	03/16/06	3507.22	17.28	17.29	0.01	3489.94
RW - 4	03/21/06	3507.22	sheen	17.34	0.00	3489.88
RW - 4	03/28/06	3507.22	sheen	17.36	0.00	3489.86
RW - 4	04/03/06	3507.22	sheen	17.29	0.00	3489.93
RW - 4	04/17/06	3507.22	sheen	17.20	0.00	3490.02
RW - 4	05/01/06	3507.22	sheen	17.18	0.00	3490.04
RW - 4	05/08/06	3507.22	sheen	17.23	0.00	3489.99
RW - 4	05/15/06	3507.22	sheen	17.33	0.00	3489.89
RW - 4	05/30/06	3507.22	17.50	17.51	0.01	3489.72
RW - 4	06/05/06	3507.22	sheen	17.66	0.00	3489.56
RW - 4	06/12/06	3507.22	17.87	17.88	0.01	3489.35
RW - 4	06/15/06	3507.22	17.71	17.82	0.11	3489.49
RW - 4	06/19/06	3507.22	17.82	17.88	0.06	3489.39
RW - 4	07/03/06	3507.22	17.90	17.91	0.01	3489.32
RW - 4	07/10/06	3507.22	17.89	17.90	0.01	3489.33
RW - 4	07/17/06	3507.22	sheen	17.76	0.00	3489.46
RW - 4	07/26/06	3507.22	17.89	17.90	0.01	3489.33
RW - 4	07/31/06	3507.22	sheen	17.94	0.00	3489.28
RW - 4	08/07/06	3507.22	17.97	18.01	0.04	3489.24
RW - 4	08/17/06	3507.22	sheen	17.89	0.00	3489.33

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 4	08/21/06	3507.22	sheen	17.82	0.00	3489.40
RW - 4	09/06/06	3507.22	19.52	19.53	0.01	3487.70
RW - 4	09/11/06	3507.22	sheen	18.54	0.00	3488.68
RW - 4	09/18/06	3507.22	17.49	17.51	0.02	3489.73
RW - 4	09/25/06	3507.22	17.50	17.56	0.06	3489.71
RW - 4	10/02/06	3507.22	17.46	17.53	0.07	3489.75
RW - 4	10/09/06	3507.22	17.58	17.61	0.03	3489.64
RW - 4	10/17/06	3507.22	17.59	17.60	0.01	3489.63
RW - 4	10/23/06	3507.22	17.50	17.52	0.02	3489.72
RW - 4	10/30/06	3507.22	17.48	17.51	0.03	3489.74
RW - 4	11/06/06	3507.22	sheen	17.53	0.00	3489.69
RW - 4	11/13/06	3507.22	sheen	17.54	0.00	3489.68
RW - 4	11/20/06	3507.22	17.45	17.49	0.04	3489.76
RW - 4	11/27/06	3507.22	sheen	17.52	0.00	3489.70
RW - 4	11/30/06	3507.22	17.63	17.64	0.01	3489.59
RW - 4	12/04/06	3507.22	sheen	17.53	0.00	3489.69
RW - 4	12/12/06	3507.22	sheen	17.56	0.00	3489.66
RW - 4	12/18/06	3507.22	17.48	17.64	0.16	3489.72
RW - 4	01/02/07	3507.22	17.38	17.42	0.04	3489.83
RW - 4	01/11/07	3507.22	17.42	17.43	0.01	3489.80
RW - 4	01/18/07	3507.22	17.34	17.37	0.03	3489.88
RW - 4	01/22/07	3507.22	17.41	17.44	0.03	3489.81
RW - 4	02/05/07	3507.22	17.44	17.46	0.02	3489.78
RW - 4	02/12/07	3507.22	-	17.35	0.00	3489.87
RW - 4	02/19/07	3507.22	-	17.34	0.00	3489.88
RW - 4	02/27/07	3507.22	17.27	17.33	0.06	3489.94
RW - 4	03/05/07	3507.22	17.29	17.35	0.06	3489.92
RW - 4	03/12/07	3507.22	17.35	17.36	0.01	3489.87
RW - 4	03/19/07	3507.22	17.36	17.38	0.02	3489.86
RW - 4	04/02/07	3507.22	sheen	17.32	0.00	3489.90
RW - 4	04/09/07	3507.22	17.25	17.26	0.01	3489.97
RW - 4	05/01/07	3507.22	17.26	17.27	0.01	3489.96
RW - 4	05/12/07	3507.22	17.26	17.27	0.01	3489.96
RW - 4	05/17/07	3507.22	17.16	17.17	0.01	3490.06
RW - 4	05/21/07	3507.22	17.14	17.16	0.02	3490.08
RW - 4	05/22/07	3507.22	17.14	17.16	0.02	3490.08
RW - 4	06/01/07	3507.22	-	17.12	0.00	3490.10
RW - 4	06/06/07	3507.22	sheen	17.16	0.00	3490.06
RW - 4	06/11/07	3507.22	17.19	17.21	0.02	3490.03
RW - 4	06/19/07	3507.22	sheen	17.30	0.00	3489.92
RW - 4	06/25/07	3507.22	sheen	17.43	0.00	3489.79
RW - 4	07/03/07	3507.22	sheen	17.53	0.00	3489.69
RW - 4	07/23/07	3507.22	sheen	17.70	0.00	3489.52
RW - 4	07/31/07	3507.22	sheen	17.79	0.00	3489.43
RW - 4	08/15/07	3507.22	sheen	17.92	0.00	3489.30
RW - 4	09/24/07	3507.22	sheen	17.87	0.00	3489.35
RW - 4	11/05/07	3507.22	sheen	17.66	0.00	3489.56
RW - 4	11/06/07	3507.22	sheen	17.76	0.00	3489.46
RW - 4	11/12/07	3507.22	sheen	17.82	0.00	3489.40
RW - 4	11/30/07	3507.22	sheen	17.80	0.00	3489.42
RW - 4	12/14/07	3507.22	sheen	17.60	0.00	3489.62
RW - 4	01/09/08	3507.22	sheen	17.56	0.00	3489.66
RW - 4	01/16/08	3507.22	sheen	17.62	0.00	3489.60
RW - 4	01/21/08	3507.22	sheen	17.63	0.00	3489.59

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 4	01/30/08	3507.22	sheen	17.46	0.00	3489.76
RW - 4	02/08/08	3507.22	sheen	17.56	0.00	3489.66
RW - 4	02/12/08	3507.22	-	17.53	0.00	3489.69
RW - 4	02/14/08	3507.22	sheen	17.54	0.00	3489.68
RW - 4	02/20/08	3507.22	sheen	17.49	0.00	3489.73
RW - 4	02/28/08	3507.22	sheen	17.53	0.00	3489.69
RW - 4	03/05/08	3507.22	sheen	17.57	0.00	3489.65
RW - 4	03/13/08	3507.22	sheen	17.50	0.00	3489.72
RW - 4	03/19/08	3507.22	sheen	17.52	0.00	3489.70
RW - 4	03/24/08	3507.22	sheen	17.51	0.00	3489.71
RW - 4	04/02/08	3507.22	sheen	17.51	0.00	3489.71
RW - 4	04/14/08	3507.22	sheen	17.50	0.00	3489.72
RW - 4	05/07/08	3507.22	sheen	17.47	0.00	3489.75
RW - 4	05/13/08	3507.22	sheen	17.45	0.00	3489.77
RW - 4	05/14/08	3507.22	sheen	17.49	0.00	3489.73
RW - 4	06/09/08	3507.22	sheen	18.02	0.00	3489.20
RW - 4	06/16/08	3507.22	sheen	17.52	0.00	3489.70
RW - 4	06/23/08	3507.22	sheen	17.92	0.00	3489.30
RW - 4	06/30/08	3507.22	18.07	18.08	0.01	3489.15
RW - 4	07/14/08	3507.22	sheen	18.17	0.00	3489.05
RW - 4	07/29/08	3507.22	sheen	18.17	0.00	3489.05
RW - 4	08/04/08	3507.22	sheen	18.20	0.00	3489.02
RW - 4	08/14/08	3507.22	sheen	18.28	0.00	3488.94
RW - 4	08/18/08	3507.22	sheen	18.25	0.00	3488.97
RW - 4	08/28/08	3507.22	sheen	18.22	0.00	3489.00
RW - 4	09/17/08	3507.22	sheen	17.95	0.00	3489.27
RW - 4	09/29/08	3507.22	sheen	17.96	0.00	3489.26
RW - 4	10/06/08	3507.22	sheen	17.97	0.00	3489.25
RW - 4	10/13/08	3507.22	sheen	17.92	0.00	3489.30
RW - 4	10/20/08	3507.22	sheen	18.10	0.00	3489.12
RW - 4	10/29/08	3507.22	sheen	17.77	0.00	3489.45
RW - 4	11/06/08	3507.22	sheen	17.81	0.00	3489.41
RW - 4	11/12/08	3507.22	sheen	17.84	0.00	3489.38
RW - 4	11/13/08	3507.22	sheen	17.84	0.00	3489.38
RW - 4	12/22/08	3507.22	sheen	17.78	0.00	3489.44
RW - 4	01/06/09	3507.22	sheen	17.74	0.00	3489.48
RW - 4	01/12/09	3507.22	sheen	17.74	0.00	3489.48
RW - 4	01/19/09	3507.22	sheen	18.73	0.00	3488.49
RW - 4	01/26/09	3507.22	sheen	17.71	0.00	3489.51
RW - 4	02/10/09	3507.22	sheen	17.69	0.00	3489.53
RW - 4	02/13/09	3507.22	sheen	17.69	0.00	3489.53
RW - 4	02/16/09	3507.22	sheen	17.62	0.00	3489.60
RW - 4	02/24/09	3507.22	sheen	17.62	0.00	3489.60
RW - 4	03/02/09	3507.22	sheen	17.69	0.00	3489.53
RW - 4	03/05/09	3507.22	sheen	17.70	0.00	3489.52
RW - 4	03/09/09	3507.22	sheen	17.65	0.00	3489.57
RW - 4	03/16/09	3507.22	sheen	17.78	0.00	3489.44
RW - 4	03/19/09	3507.22	sheen	17.72	0.00	3489.50
RW - 4	03/25/09	3507.22	sheen	17.75	0.00	3489.47
RW - 4	03/30/09	3507.22	sheen	17.73	0.00	3489.49
RW - 4	04/13/09	3507.22	sheen	17.61	0.00	3489.61
RW - 4	04/16/09	3507.22	sheen	17.75	0.00	3489.47
RW - 4	04/21/09	3507.22	sheen	17.77	0.00	3489.45
RW - 4	04/27/09	3507.22	sheen	17.64	0.00	3489.58

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 4	04/30/09	3507.22	sheen	17.76	0.00	3489.46
RW - 4	05/06/09	3507.22	sheen	17.77	0.00	3489.45
RW - 4	05/12/09	3507.22	sheen	17.62	0.00	3489.60
RW - 4	05/19/09	3507.22	sheen	17.66	0.00	3489.56
RW - 4	05/26/09	3507.22	sheen	17.71	0.00	3489.51
RW - 4	06/01/09	3507.22	sheen	17.80	0.00	3489.42
RW - 4	06/12/09	3507.22	sheen	17.95	0.00	3489.27
RW - 4	06/15/09	3507.22	sheen	17.88	0.00	3489.34
RW - 4	06/22/09	3507.22	-	18.02	0.00	3489.20
RW - 4	06/24/09	3507.22	sheen	17.80	0.00	3489.42
RW - 4	06/29/09	3507.22	sheen	18.02	0.00	3489.20
RW - 4	07/06/09	3507.22	sheen	18.25	0.00	3488.97
RW - 4	07/09/09	3507.22	sheen	17.68	0.00	3489.54
RW - 4	07/13/09	3507.22	sheen	17.69	0.00	3489.53
RW - 4	07/20/09	3507.22	sheen	17.67	0.00	3489.55
RW - 4	07/23/09	3507.22	sheen	18.27	0.00	3488.95
RW - 4	07/27/09	3507.22	sheen	18.28	0.00	3488.94
RW - 4	07/29/09	3507.22	-	18.25	0.00	3488.97
RW - 4	08/03/09	3507.22	sheen	18.11	0.00	3489.11
RW - 4	08/10/09	3507.22	sheen	18.29	0.00	3488.93
RW - 4	08/10/09	3507.22	sheen	18.29	0.00	3488.93
RW - 4	08/18/09	3507.22	sheen	18.28	0.00	3488.94
RW - 4	08/24/09	3507.22	sheen	18.38	0.00	3488.84
RW - 4	08/28/09	3507.22	sheen	18.32	0.00	3488.90
RW - 4	08/31/09	3507.22	sheen	18.48	0.00	3488.74
RW - 4	09/02/09	3507.22	sheen	18.35	0.00	3488.87
RW - 4	09/08/09	3507.22	sheen	18.49	0.00	3488.73
RW - 4	09/10/09	3507.22	sheen	18.40	0.00	3488.82
RW - 4	09/16/09	3507.22	sheen	18.45	0.00	3488.77
RW - 4	09/18/09	3507.22	sheen	18.42	0.00	3488.80
RW - 4	09/22/09	3507.22	sheen	18.52	0.00	3488.70
RW - 4	09/28/09	3507.22	sheen	18.34	0.00	3488.88
RW - 4	10/09/09	3507.22	sheen	18.46	0.00	3488.76
RW - 4	10/12/09	3507.22	sheen	17.69	0.00	3489.53
RW - 4	10/20/09	3507.22	sheen	18.54	0.00	3488.68
RW - 4	10/26/09	3507.22	sheen	18.69	0.00	3488.53
RW - 4	10/28/09	3507.22	sheen	18.63	0.00	3488.59
RW - 4	11/03/09	3507.22	sheen	18.52	0.00	3488.70
RW - 4	11/12/09	3507.22	sheen	18.45	0.00	3488.77
RW - 4	11/18/09	3507.22	sheen	18.58	0.00	3488.64
RW - 4	12/03/09	3507.22	sheen	18.48	0.00	3488.74
RW - 4	12/11/09	3507.22	sheen	18.45	0.00	3488.77
RW - 4	12/16/09	3507.22	sheen	18.45	0.00	3488.77
RW - 4	12/21/09	3507.22	sheen	18.52	0.00	3488.70
RW - 4	12/28/09	3507.22	sheen	18.57	0.00	3488.65
RW - 4	01/04/10	3507.22	sheen	18.48	0.00	3488.74
RW - 4	01/14/10	3507.22	sheen	18.48	0.00	3488.74
RW - 4	01/20/10	3507.22	sheen	18.35	0.00	3488.87
RW - 4	01/25/10	3507.22	sheen	18.49	0.00	3488.73
RW - 4	01/27/10	3507.22	sheen	18.36	0.00	3488.86
RW - 4	02/01/10	3507.22	sheen	18.24	0.00	3488.98
RW - 4	02/08/10	3507.22	sheen	18.24	0.00	3488.98
RW - 4	02/09/10	3507.22	sheen	18.44	0.00	3488.78
RW - 4	02/19/10	3507.22	-	18.21	0.00	3489.01

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 4	02/26/10	3507.22	sheen	18.27	0.00	3488.95
RW - 4	03/01/10	3507.22	sheen	18.46	0.00	3488.76
RW - 4	03/04/10	3507.22	sheen	18.24	0.00	3488.98
RW - 4	03/08/10	3507.22	sheen	18.27	0.00	3488.95
RW - 4	03/11/10	3507.22	sheen	18.53	0.00	3488.69
RW - 4	03/15/10	3507.22	sheen	18.25	0.00	3488.97
RW - 4	03/17/10	3507.22	sheen	18.10	0.00	3489.12
RW - 4	03/22/10	3507.22	sheen	18.07	0.00	3489.15
RW - 4	03/29/10	3507.22	sheen	18.05	0.00	3489.17
RW - 4	04/05/10	3507.22	sheen	18.10	0.00	3489.12
RW - 4	04/14/10	3507.22	sheen	18.05	0.00	3489.17
RW - 4	04/16/10	3507.22	sheen	17.99	0.00	3489.23
RW - 4	04/19/10	3507.22	sheen	18.08	0.00	3489.14
RW - 4	04/28/10	3507.22	sheen	17.99	0.00	3489.23
RW - 4	05/05/10	3507.22	sheen	17.90	0.00	3489.32
RW - 4	05/12/10	3507.22	sheen	18.00	0.00	3489.22
RW - 4	05/14/10	3507.22	sheen	18.01	0.00	3489.21
RW - 4	05/21/10	3507.22	sheen	18.00	0.00	3489.22
RW - 4	05/26/10	3507.22	sheen	17.92	0.00	3489.30
RW - 4	06/04/10	3507.22	sheen	18.03	0.00	3489.19
RW - 4	06/07/10	3507.22	sheen	18.08	0.00	3489.14
RW - 4	06/12/10	3507.22	sheen	18.12	0.00	3489.10
RW - 4	06/24/10	3507.22	sheen	18.23	0.00	3488.99
RW - 4	07/07/10	3507.22	sheen	17.96	0.00	3489.26
RW - 4	07/12/10	3507.22	sheen	17.74	0.00	3489.48
RW - 4	07/19/10	3507.22	sheen	17.68	0.00	3489.54
RW - 4	07/26/10	3507.22	DID NOT GAUGE		0.00	3507.22
RW - 4	08/03/10	3507.22	-	17.59	0.00	3489.63
RW - 4	08/11/10	3507.22	sheen	17.59	0.00	3489.63
RW - 4	08/19/10	3507.22	sheen	17.58	0.00	3489.64
RW - 4	08/25/10	3507.22	sheen	17.66	0.00	3489.56
RW - 4	09/01/10	3507.22	sheen	17.73	0.00	3489.49
RW - 4	09/09/10	3507.22	sheen	17.91	0.00	3489.31
RW - 4	09/13/10	3507.22	sheen	17.61	0.00	3489.61
RW - 4	09/29/10	3507.22	sheen	17.90	0.00	3489.32
RW - 4	10/05/10	3507.22	sheen	17.63	0.00	3489.59
RW - 4	10/20/10	3507.22	sheen	17.65	0.00	3489.57
RW - 4	10/25/10	3507.22	sheen	17.65	0.00	3489.57
RW - 4	11/03/10	3507.22	sheen	17.62	0.00	3489.60
RW - 4	11/10/10	3507.22	sheen	18.01	0.00	3489.21
RW - 4	11/12/10	3507.22	sheen	18.01	0.00	3489.21
RW - 4	12/09/10	3507.22	sheen	17.62	0.00	3489.60
RW - 4	01/18/11	3507.22	sheen	18.02	0.00	3489.20
RW - 4	02/16/11	3507.22	sheen	18.03	0.00	3489.19
RW - 4	03/01/11	3507.22	sheen	18.82	0.00	3488.40
RW - 4	03/07/11	3507.22	sheen	17.79	0.00	3489.43
RW - 4	03/22/11	3507.22	sheen	18.03	0.00	3489.19
RW - 4	04/27/11	3507.22	sheen	17.85	0.00	3489.37
RW - 4	05/05/11	3507.22	sheen	17.86	0.00	3489.36
RW - 4	05/19/11	3507.22	sheen	18.06	0.00	3489.16
RW - 4	06/08/11	3507.22	sheen	18.20	0.00	3489.02
RW - 4	07/06/11	3507.22	sheen	18.34	0.00	3488.88
RW - 4	07/14/11	3507.22	sheen	18.43	0.00	3488.79
RW - 4	07/20/11	3507.22	-	18.39	0.00	3488.83

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 4	07/27/11	3507.22	-	18.50	0.00	3488.72
RW - 4	08/03/11	3507.22	-	18.47	0.00	3488.75
RW - 4	08/10/11	3507.22	-	18.51	0.00	3488.71
RW - 4	08/18/11	3507.22	-	18.48	0.00	3488.74
RW - 4	08/25/11	3507.22	-	18.55	0.00	3488.67
RW - 4	09/07/11	3507.22	-	18.17	0.00	3489.05
RW - 4	09/14/11	3507.22	-	18.76	0.00	3488.46
RW - 4	11/14/11	3507.22	-	18.53	0.00	3488.69
RW - 4	12/01/11	3507.22	-	18.57	0.00	3488.65
RW - 4	12/08/11	3507.22	-	18.52	0.00	3488.70
RW - 4	12/14/11	3507.22	-	18.55	0.00	3488.67
RW - 4	01/12/12	3507.22	-	18.56	0.00	3488.66
RW - 4	01/19/12	3507.22	-	18.52	0.00	3488.70
RW - 4	02/03/12	3507.22	-	18.52	0.00	3488.70
RW - 4	02/29/12	3507.22	-	18.26	0.00	3488.96
RW - 4	05/02/12	3507.22	-	18.18	0.00	3489.04
RW - 4	12/06/12	3507.22	-	20.44	0.00	3486.78
RW - 4	12/11/12	3507.22	-	20.46	0.00	3486.76
RW - 4	12/18/12	3507.22	-	20.43	0.00	3486.79
RW - 4	01/09/13	3507.22	-	20.39	0.00	3486.83
RW - 4	01/15/13	3507.22	-	20.35	0.00	3486.87
RW - 4	01/23/13	3507.22	-	20.36	0.00	3486.86
RW - 4	01/29/13	3507.22	-	20.35	0.00	3486.87
RW - 4	02/07/13	3507.22	-	20.35	0.00	3486.87
RW - 4	02/13/13	3507.22	-	20.38	0.00	3486.84
RW - 4	02/20/13	3507.22	-	20.64	0.00	3486.58
RW - 4	02/25/13	3507.22	-	20.51	0.00	3486.71
RW - 4	04/30/13	3507.22	-	20.30	0.00	3486.92
RW - 4	05/08/13	3507.22	-	20.32	0.00	3486.90
RW - 4	05/22/13	3507.22	-	20.33	0.00	3486.89
RW - 4	06/04/13	3507.22	-	20.28	0.00	3486.94
RW - 4	06/19/13	3507.22	-	20.25	0.00	3486.97
RW - 4	06/28/13	3507.22	-	20.46	0.00	3486.76
RW - 4	07/01/13	3507.22	-	20.75	0.00	3486.47
RW - 4	07/08/13	3507.22	-	20.75	0.00	3486.47
RW - 4	07/23/13	3507.22	-	20.64	0.00	3486.58
RW - 4	07/30/13	3507.22	-	20.68	0.00	3486.54
RW - 4	08/05/13	3507.22	-	20.77	0.00	3486.45
RW - 4	08/12/13	3507.22	-	20.61	0.00	3486.61
RW - 4	08/22/13	3507.22	-	20.72	0.00	3486.50
RW - 4	08/29/13	3507.22	-	20.78	0.00	3486.44
RW - 4	09/05/13	3507.22	-	20.83	0.00	3486.39
RW - 4	09/10/13	3507.22	-	20.96	0.00	3486.26
RW - 4	09/17/13	3507.22	-	20.89	0.00	3486.33
RW - 4	09/24/13	3507.22	-	20.84	0.00	3486.38
RW - 4	10/07/13	3507.22	-	20.86	0.00	3486.36
RW - 4	11/14/13	-	-	23.14	0.00	-
RW - 4	11/20/13	-	-	23.15	0.00	-
RW - 4	12/12/13	-	-	23.12	0.00	-
RW - 4	12/19/13	-	-	23.10	0.00	-
RW - 4	01/03/14	-	-	23.18	0.00	-
RW - 4	01/09/14	-	-	23.09	0.00	-
RW - 4	01/13/14	-	-	23.20	0.00	-
RW - 4	01/21/14	-	-	23.05	0.00	-

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 4	01/24/14	-	-	23.15	0.00	-
RW - 4	02/04/14	3512.62	-	23.06	0.00	3489.56
RW - 4	02/10/14	3512.62	-	23.06	0.00	3489.56
RW - 4	02/27/14	3512.62	-	23.40	0.00	3489.22
RW - 4	03/17/14	3512.62	-	22.94	0.00	3489.68
RW - 4	03/27/14	3512.62	-	22.89	0.00	3489.73
RW - 4	04/02/14	3512.62	-	22.88	0.00	3489.74
RW - 4	04/16/14	3512.62	-	22.72	0.00	3489.90
RW - 4	04/22/14	3512.62	-	22.73	0.00	3489.89
RW - 4	04/28/14	3512.62	-	22.75	0.00	3489.87
RW - 4	05/06/14	3512.62	-	22.71	0.00	3489.91
RW - 4	05/13/14	3512.62	-	22.76	0.00	3489.86
RW - 4	05/14/14	3512.62	-	22.75	0.00	3489.87
RW - 4	05/21/14	3512.62	-	22.73	0.00	3489.89
RW - 4	06/05/14	3512.62	-	22.85	0.00	3489.77
RW - 4	06/11/14	3512.62	-	22.92	0.00	3489.70
RW - 4	06/16/14	3512.62	-	23.01	0.00	3489.61
RW - 4	06/24/14	3512.62	-	23.11	0.00	3489.51
RW - 4	07/01/14	3512.62	-	23.18	0.00	3489.44
RW - 4	07/08/14	3512.62	-	23.23	0.00	3489.39
RW - 4	07/15/14	3512.62	-	23.29	0.00	3489.33
RW - 4	07/22/14	3512.62	-	23.33	0.00	3489.29
RW - 4	07/23/14	3512.62	-	23.33	0.00	3489.29
RW - 4	07/31/14	3512.62	-	23.38	0.00	3489.24
RW - 4	08/05/14	3512.62	-	23.39	0.00	3489.23
RW - 4	08/07/14	3512.62	-	23.39	0.00	3489.23
RW - 4	08/15/14	3512.62	-	23.41	0.00	3489.21
RW - 4	08/20/14	3512.62	-	23.43	0.00	3489.19
RW - 4	08/27/14	3512.62	-	23.47	0.00	3489.15
RW - 4	09/24/14	3512.62	-	22.85	0.00	3489.77
RW - 4	10/01/14	3512.62	-	22.49	0.00	3490.13
RW - 4	10/07/14	3512.62	-	22.40	0.00	3490.22
RW - 4	10/14/14	3512.62	22.32	22.38	0.06	3490.29
RW - 4	10/15/14	3512.62	22.32	22.38	0.06	3490.29
RW - 4	10/20/14	3512.62	22.28	22.32	0.04	3490.33
RW - 4	10/24/14	3512.62	22.30	22.33	0.03	3490.32
RW - 4	10/27/14	3512.62	22.27	22.28	0.01	3490.35
RW - 4	11/03/14	3512.62	22.25	22.50	0.25	3490.33
RW - 4	11/11/14	3512.62	22.29	22.33	0.04	3490.32
RW - 4	11/19/14	3512.62	22.21	22.63	0.42	3490.35
RW - 4	12/08/14	3512.62	22.24	22.50	0.26	3490.34
RW - 4	12/15/14	3512.62	-	22.24	0.00	3490.38
RW - 4	12/18/14	3512.62	22.20	22.26	0.06	3490.41
RW - 4	12/22/14	3512.62	22.20	22.26	0.06	3490.41
RW - 4	12/29/14	3512.62	22.23	22.26	0.03	3490.39
RW - 4	01/05/15	3512.62	22.24	22.28	0.04	3490.37
RW - 4	01/12/15	3512.62	-	22.49	0.00	3490.13
RW - 4	01/19/15	3512.62	-	22.37	0.00	3490.25
RW - 4	02/04/15	3512.62	-	22.24	0.00	3490.38
RW - 4	02/09/15	3512.62	-	22.21	0.00	3490.41
RW - 4	02/19/15	3512.62	-	22.43	0.00	3490.19
RW - 4	03/03/15	3512.62	-	22.34	0.00	3490.28
RW - 4	03/09/15	3512.62	-	22.50	0.00	3490.12
RW - 4	03/16/15	3512.62	-	22.49	0.00	3490.13

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 4	03/20/15	3512.62	-	22.39	0.00	3490.23
RW - 4	03/23/15	3512.62	-	22.34	0.00	3490.28
RW - 4	03/30/15	3512.62	-	22.57	0.00	3490.05
RW - 4	04/04/15	3512.62	22.77	22.84	0.07	3489.84
RW - 4	04/07/15	3512.62	-	22.32	0.00	3490.30
RW - 4	04/14/15	3512.62	-	22.25	0.00	3490.37
RW - 4	04/20/15	3512.62	-	22.23	0.00	3490.39
RW - 4	04/27/15	3512.62	-	22.24	0.00	3490.38
RW - 4	05/07/15	3512.62	-	22.19	0.00	3490.43
RW - 4	05/11/15	3512.62	-	22.20	0.00	3490.42
RW - 4	05/21/15	3512.62	-	22.16	0.00	3490.46
RW - 4	05/27/15	3512.62	-	22.13	0.00	3490.49
RW - 4	05/28/15	3512.62	-	22.13	0.00	3490.49
RW - 4	06/03/15	3512.62	-	22.17	0.00	3490.45
RW - 4	06/08/15	3512.62	-		0.00	3512.62
RW - 4	06/15/15	3512.62	-	22.11	0.00	3490.51
RW - 4	06/25/15	3512.62	-	22.16	0.00	3490.46
RW - 4	06/29/15	3512.62	-	22.15	0.00	3490.47
RW - 4	07/08/15	3512.62	-	22.23	0.00	3490.39
RW - 4	07/09/15	3512.62	-	22.22	0.00	3490.40
RW - 4	07/14/15	3512.62	-	22.25	0.00	3490.37
RW - 4	07/20/15	3512.62	-	22.28	0.00	3490.34
RW - 4	07/28/15	3512.62	-	22.42	0.00	3490.20
RW - 4	08/03/15	3512.62	-	22.45	0.00	3490.17
RW - 4	08/04/15	3512.62	-	22.46	0.00	3490.16
RW - 4	08/10/15	3512.62	-	22.54	0.00	3490.08
RW - 4	08/17/15	3512.62	-	22.55	0.00	3490.07
RW - 4	08/25/15	3512.62	-	22.48	0.00	3490.14
RW - 4	08/31/15	3512.62	-	22.51	0.00	3490.11
RW - 4	09/08/15	3512.62	-	22.57	0.00	3490.05
RW - 4	09/15/15	3512.62	-	22.55	0.00	3490.07
RW - 4	09/24/15	3512.62	-	22.75	0.00	3489.87
RW - 4	09/28/15	3512.62	-	22.79	0.00	3489.83
RW - 4	10/06/15	3512.62	-	22.74	0.00	3489.88
RW - 4	10/12/15	3512.62	-	22.73	0.00	3489.89
RW - 4	10/26/15	3512.62	-	22.68	0.00	3489.94
RW - 4	11/06/15	3512.62	-	22.39	0.00	3490.23
RW - 4	11/10/15	3512.62	-	22.25	0.00	3490.37
RW - 4	11/18/15	3512.62	-	22.32	0.00	3490.30
RW - 4	12/02/15	3512.62	-	22.30	0.00	3490.32
RW - 4	12/07/15	3512.62	-	22.17	0.00	3490.45
RW - 4	12/14/15	3512.62	-	22.25	0.00	3490.37
RW - 4	01/05/16	3512.62	-	22.17	0.00	3490.45
RW - 4	01/08/16	3512.62	-	22.20	0.00	3490.42
RW - 4	01/12/16	3512.62	-	22.29	0.00	3490.33
RW - 4	01/18/16	3512.62	-	22.20	0.00	3490.42
RW - 4	01/25/16	3512.62	-	22.16	0.00	3490.46
RW - 4	02/01/16	3512.62	-	22.15	0.00	3490.47
RW - 4	02/08/16	3512.62	-	22.21	0.00	3490.41
RW - 4	02/19/16	3512.62	-	22.14	0.00	3490.48
RW - 4	02/23/16	3512.62	-	22.13	0.00	3490.49
RW - 4	03/03/16	3512.62	-	22.13	0.00	3490.49
RW - 4	03/07/16	3512.62	-	22.14	0.00	3490.48
RW - 4	03/15/16	3512.62	-	22.12	0.00	3490.50

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 4	03/21/16	3512.62	-	22.08	0.00	3490.54
RW - 4	03/28/16	3512.62	-	22.07	0.00	3490.55
RW - 4	04/05/16	3512.62	-	22.05	0.00	3490.57
RW - 4	04/08/16	3512.62	-	22.07	0.00	3490.55
RW - 4	04/12/16	3512.62	-	22.16	0.00	3490.46
RW - 4	04/18/16	3512.62	-	22.03	0.00	3490.59
RW - 4	04/25/16	3512.62	-	22.00	0.00	3490.62
RW - 4	05/02/16	3512.62	-	21.98	0.00	3490.64
RW - 4	05/23/16	3512.62	-	21.92	0.00	3490.70
RW - 4	06/01/16	3512.62	-	22.05	0.00	3490.57
RW - 4	06/06/16	3512.62	-	22.01	0.00	3490.61
RW - 4	06/28/16	3512.62	-	22.20	0.00	3490.42
RW - 4	07/12/16	3512.62	-	22.39	0.00	3490.23
RW - 4	07/19/16	3512.62	-	22.46	0.00	3490.16
RW - 4	07/27/16	3512.62	-	22.54	0.00	3490.08
RW - 4	08/04/16	3512.62	-	22.62	0.00	3490.00
RW - 4	08/03/16	3512.62	-	22.60	0.00	3490.02
RW - 4	08/04/16	3512.62	-	22.62	0.00	3490.00
RW - 4	08/08/16	3512.62	-	22.70	0.00	3489.92
RW - 4	08/16/16	3512.62	-	22.77	0.00	3489.85
RW - 4	08/23/16	3512.62	-	22.79	0.00	3489.83
RW - 4	08/31/16	3512.62	-	22.52	0.00	3490.10
RW - 4	09/14/16	3512.62	-	22.10	0.00	3490.52
RW - 4	09/22/16	3512.62	-	21.90	0.00	3490.72
RW - 4	09/27/16	3512.62	-	21.80	0.00	3490.82
RW - 4	10/07/16	3512.62	-	22.82	0.00	3489.80
RW - 4	10/21/16	3512.62	-	21.83	0.00	3490.79
RW - 4	10/28/16	3512.62	-	21.86	0.00	3490.76
RW - 4	11/04/16	3512.62	-	21.69	0.00	3490.93
RW - 4	11/09/16	3512.62	-	21.58	0.00	3491.04
RW - 4	12/06/16	3512.62	-	21.56	0.00	3491.06
RW - 4	12/15/16	3512.62	-	21.62	0.00	3491.00
RW - 4	12/22/16	3512.62	-	21.93	0.00	3490.69
RW - 4	12/29/16	3512.62	-	21.77	0.00	3490.85
RW - 4	01/05/17	3512.62	-	21.85	0.00	3490.77
RW - 4	01/11/17	3512.62	-	21.81	0.00	3490.81
RW - 4	01/18/17	3512.62	-	21.68	0.00	3490.94
RW - 4	01/26/17	3512.62	-	21.92	0.00	3490.70
RW - 4	01/31/17	3512.62	-	21.70	0.00	3490.92
RW - 4	02/10/17	3512.62	-	21.75	0.00	3490.87
RW - 4	02/17/17	3512.62	-	21.66	0.00	3490.96
RW - 4	02/24/17	3512.62	-	21.60	0.00	3491.02
RW - 4	03/01/17	3512.62	-	21.71	0.00	3490.91
RW - 4	03/09/17	3512.62	-	21.86	0.00	3490.76
RW - 4	03/15/17	3512.62	-	21.80	0.00	3490.82
RW - 4	03/22/17	3512.62	-	21.83	0.00	3490.79
RW - 4	03/29/17	3512.62	-	22.01	0.00	3490.61
RW - 4	04/07/17	3512.62	-	22.02	0.00	3490.60
RW - 4	04/11/17	3512.62	-	21.60	0.00	3491.02
RW - 4	04/20/17	3512.62	-	21.60	0.00	3491.02
RW - 4	05/02/17	3512.62	-	21.57	0.00	3491.05
RW - 4	05/12/17	3512.62	-	21.59	0.00	3491.03
RW - 4	05/16/17	3512.62	-	21.56	0.00	3491.06
RW - 4	05/23/17	3512.62	-	21.64	0.00	3490.98

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 4	06/05/17	3512.62	-	21.68	0.00	3490.94
RW - 4	06/15/17	3512.62	-	21.82	0.00	3490.80
RW - 4	06/28/17	3512.62	-	21.91	0.00	3490.71
RW - 4	07/05/17	3512.62	-	22.01	0.00	3490.61
RW - 4	07/11/17	3512.62	-	22.05	0.00	3490.57
RW - 4	07/17/17	3512.62	-	22.09	0.00	3490.53
RW - 4	07/20/17	3512.62	-	22.20	0.00	3490.42
RW - 4	08/16/17	3512.62	-	22.19	0.00	3490.43
RW - 4	09/05/17	3512.62	-	22.06	0.00	3490.56
RW - 4	09/13/17	3512.62	-	21.48	0.00	3491.14
RW - 4	09/19/17	3512.62	-	21.52	0.00	3491.10
RW - 4	09/29/17	3512.62	-	21.12	0.00	3491.50
RW - 4	10/05/17	3512.62	-	21.10	0.00	3491.52
RW - 4	10/12/17	3512.62	-	21.82	0.00	3490.80
RW - 4	10/20/17	3512.62	-	21.80	0.00	3490.82
RW - 4	10/24/17	3512.62	-	21.95	0.00	3490.67
RW - 4	11/02/17	3512.62	-	21.82	0.00	3490.80
RW - 4	11/14/17	3512.62	-	22.02	0.00	3490.60
RW - 4	12/20/17	3512.62	-	21.99	0.00	3490.63
RW - 4	12/28/17	3512.62	-	21.73	0.00	3490.89
RW - 4	01/03/18	3512.62	-	21.67	0.00	3490.95
RW - 4	01/09/18	3512.62	-	21.62	0.00	3491.00
RW - 4	01/19/18	3512.62	-	21.64	0.00	3490.98
RW - 4	01/24/18	3512.62	-	21.67	0.00	3490.95
RW - 4	02/07/18	3512.62	-	21.88	0.00	3490.74
RW - 4	02/12/18	3512.62	-	21.81	0.00	3490.81
RW - 4	02/22/18	3512.62	-	21.64	0.00	3490.98
RW - 4	03/02/18	3512.62	-	21.60	0.00	3491.02
RW - 4	03/07/18	3512.62	-	21.62	0.00	3491.00
RW - 4	03/19/18	3512.62	-	21.59	0.00	3491.03
RW - 4	03/29/18	3512.62	-	21.58	0.00	3491.04
RW - 4	04/02/18	3512.62	-	21.56	0.00	3491.06
RW - 4	04/11/18	3512.62	-	21.56	0.00	3491.06
RW - 4	04/16/18	3512.62	-	21.04	0.00	3491.58
RW - 4	04/25/18	3512.62	-	21.58	0.00	3491.04
RW - 4	05/01/18	3512.62	-	21.56	0.00	3491.06
RW - 4	05/08/18	3512.62	-	21.57	0.00	3491.05
RW - 4	05/22/18	3512.62	-	21.88	0.00	3490.74
RW - 4	05/31/18	3512.62	-	21.91	0.00	3490.71
RW - 4	06/06/18	3512.62	-	22.39	0.00	3490.23
RW - 4	06/13/18	3512.62	-	22.39	0.00	3490.23
RW - 4	06/18/18	3512.62	-	22.13	0.00	3490.49
RW - 4	06/25/18	3512.62	-	22.09	0.00	3490.53
RW - 4	07/02/18	3512.62	-	21.14	0.00	3491.48
RW - 4	07/11/18	3512.62	-	22.28	0.00	3490.34
RW - 4	07/19/18	3512.62	-	22.26	0.00	3490.36
RW - 4	07/27/18	3512.62	-	22.32	0.00	3490.30
RW - 4	08/08/18	3512.62	-	22.43	0.00	3490.19
RW - 4	08/30/18	3512.62	-	22.49	0.00	3490.13
RW - 4	09/12/18	3512.62	-	22.55	0.00	3490.07
RW - 4	09/20/18	3512.62	-	22.41	0.00	3490.21
RW - 4	09/26/18	3512.62	-	22.50	0.00	3490.12
RW - 4	10/03/18	3512.62	-	22.39	0.00	3490.23
RW - 4	10/19/18	3512.62	-	22.39	0.00	3490.23

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 4	10/31/18	3512.62	-	22.28	0.00	3490.34
RW - 4	11/06/18	3512.62	-	22.35	0.00	3490.27
RW - 4	11/13/18	3512.62	-	22.58	0.00	3490.04
RW - 4	12/03/18	3512.62	-	22.12	0.00	3490.50
RW - 4	12/19/18	3512.62	-	22.22	0.00	3490.40
RW - 4	12/27/18	3512.62	-	22.06	0.00	3490.56
RW - 4	01/03/19	3512.62	-	22.44	0.00	3490.18
RW - 4	01/09/19	3512.62	-	22.36	0.00	3490.26
RW - 4	01/16/19	3512.62	-	22.20	0.00	3490.42
RW - 4	01/31/19	3512.62	-	22.32	0.00	3490.30
RW - 4	02/06/19	3512.62	-	22.26	0.00	3490.36
RW - 4	02/13/19	3512.62	-	22.05	0.00	3490.57
RW - 4	02/28/19	3512.62	-	22.07	0.00	3490.55
RW - 4	03/06/19	3512.62	-	21.96	0.00	3490.66
RW - 4	03/12/19	3512.62	-	22.02	0.00	3490.60
RW - 4	03/19/19	3512.62	-	22.16	0.00	3490.46
RW - 4	03/28/19	3512.62	-	22.15	0.00	3490.47
RW - 4	04/01/19	3512.62	-	22.02	0.00	3490.60
RW - 4	04/10/19	3512.62	-	22.24	0.00	3490.38
RW - 4	04/17/19	3512.62	-	21.98	0.00	3490.64
RW - 4	04/24/19	3512.62	-	22.10	0.00	3490.52
RW - 4	05/01/19	3512.62	-	22.01	0.00	3490.61
RW - 4	05/08/19	3512.62	-	21.88	0.00	3490.74
RW - 4	05/17/19	3512.62	-	22.15	0.00	3490.47
RW - 4	06/14/19	3512.62	-	22.19	0.00	3490.43
RW - 4	07/11/19	3512.62	-	22.30	0.00	3490.32
RW - 4	08/02/19	3512.62	-	22.43	0.00	3490.19
RW - 4	08/08/19	3512.62	-	22.52	0.00	3490.10
RW - 4	09/12/19	3512.62	-	22.77	0.00	3489.85
RW - 4	09/17/19	3512.62	-	22.76	0.00	3489.86
RW - 4	10/15/19	3512.62	-	22.69	0.00	3489.93
RW - 4	11/06/19	3512.62	-	22.86	0.00	3489.76
RW - 4	11/13/19	3512.62	-	22.73	0.00	3489.89
RW - 4	12/17/19	3512.62	-	22.25	0.00	3490.37
RW - 4	01/06/20	3512.62	-	22.20	0.00	3490.42
RW - 4	01/23/20	3512.62	-	22.19	0.00	3490.43
RW - 4	02/21/20	3512.62	-	22.14	0.00	3490.48
RW - 4	03/05/20	3512.62	-	22.13	0.00	3490.49
RW - 4	05/14/20	3512.62	-	21.85	0.00	3490.77
RW - 4	05/21/20	3512.62	-	21.89	0.00	3490.73
RW - 4	06/18/20	3512.62	-	21.28	0.00	3491.34
RW - 4	07/21/20	3512.62	-	22.59	0.00	3490.03
RW - 4	08/13/20	3512.62	-	22.74	0.00	3489.88
RW - 4	09/14/20	3512.62	-	22.89	0.00	3489.73
RW - 4	10/16/20	3512.62	-	22.99	0.00	3489.63
RW - 4	12/10/20	3512.62	-	22.92	0.00	3489.70
RW - 4	01/13/21	3512.62	-	22.86	0.00	3489.76
RW - 4	02/11/21	3512.62	-	22.82	0.00	3489.80
RW - 4	04/21/21	3512.62	-	22.74	0.00	3489.88
RW - 4	06/11/21	3512.62	-	22.74	0.00	3489.88
RW - 4	09/23/21	3512.62	-	23.05	0.00	3489.57
RW - 4	10/14/21	3512.62	-	23.08	0.00	3489.54
RW - 4	10/28/21	3512.62	-	23.14	0.00	3489.48
RW - 4	12/06/21	3512.62	-	23.18	0.00	3489.44

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 5	11/05/02	3506.91	19.37	19.86	0.49	3487.47
RW - 5	11/06/02	3506.91	19.39	19.63	0.24	3487.48
RW - 5	11/12/02	3506.91	19.31	19.97	0.66	3487.50
RW - 5	01/07/03	3506.91	18.97	20.50	1.53	3487.71
RW - 5	01/27/03	3506.91	18.97	20.04	1.07	3487.78
RW - 5	02/26/03	3506.91	18.41	19.19	0.78	3488.38
RW - 5	03/11/03	3506.91	19.01	19.48	0.47	3487.83
RW - 5	03/19/03	3506.91	18.98	19.53	0.55	3487.85
RW - 5	03/25/03	3506.91	18.89	19.58	0.69	3487.92
RW - 5	04/16/03	3506.91	18.90	19.85	0.95	3487.87
RW - 5	04/23/03	3506.91	18.86	19.92	1.06	3487.89
RW - 5	04/29/03	3506.91	18.85	19.94	1.09	3487.90
RW - 5	05/14/03	3506.91	18.97	20.19	1.22	3487.76
RW - 5	05/27/03	3506.91	19.16	20.41	1.25	3487.56
RW - 5	06/04/03	3506.91	19.80	20.42	0.62	3487.02
RW - 5	06/26/03	3506.91	18.90	19.37	0.47	3487.94
RW - 5	07/07/03	3506.91	19.48	20.96	1.48	3487.21
RW - 5	07/30/03	3506.91	19.59	20.09	0.50	3487.25
RW - 5	08/06/03	3506.91	19.89	20.49	0.60	3486.93
RW - 5	08/21/03	3506.91	19.99	20.71	0.72	3486.81
RW - 5	08/26/03	3506.91	20.16	20.87	0.71	3486.64
RW - 5	09/08/03	3506.91	19.97	20.63	0.66	3486.84
RW - 5	09/15/03	3506.91	20.62	22.10	1.48	3486.07
RW - 5	09/24/03	3506.91	20.30	20.87	0.57	3486.52
RW - 5	10/02/03	3506.91	20.12	20.95	0.83	3486.67
RW - 5	10/08/03	3506.91	19.96	20.87	0.91	3486.81
RW - 5	10/16/03	3506.91	19.34	21.21	1.87	3487.29
RW - 5	10/28/03	3506.91	20.41	21.30	0.89	3486.37
RW - 5	11/11/03	3506.91	20.41	20.69	0.28	3486.46
RW - 5	11/18/03	3506.91	20.20	21.05	0.85	3486.58
RW - 5	12/10/03	3506.91	19.88	20.78	0.90	3486.90
RW - 5	02/02/04	3506.91	20.29	21.72	1.43	3486.41
RW - 5	02/26/04	3506.91	19.91	21.07	1.16	3486.83
RW - 5	03/16/04	3506.91	20.08	21.36	1.28	3486.64
RW - 5	03/19/04	3506.91	20.12	21.33	1.21	3486.61
RW - 5	03/25/04	3506.91	20.08	21.34	1.26	3486.64
RW - 5	04/01/04	3506.91	19.99	21.22	1.23	3486.74
RW - 5	04/08/04	3506.91	19.97	21.25	1.28	3486.75
RW - 5	04/14/04	3506.91	19.19	20.72	1.53	3487.49
RW - 5	04/16/04	3506.91	19.35	20.90	1.55	3487.33
RW - 5	04/22/04	3506.91	18.53	20.23	1.70	3488.13
RW - 5	04/29/04	3506.91	18.49	20.24	1.75	3488.16
RW - 5	05/11/04	3506.91	18.50	20.40	1.90	3488.13
RW - 5	06/08/04	3506.91	18.59	20.65	2.06	3488.01
RW - 5	06/17/04	3506.91	18.53	20.66	2.13	3488.06
RW - 5	06/22/04	3506.91	18.57	20.69	2.12	3488.02
RW - 5	06/29/04	3506.91	18.55	20.74	2.19	3488.03
RW - 5	07/06/04	3506.91	18.53	20.88	2.35	3488.03
RW - 5	07/13/04	3506.91	18.57	20.81	2.24	3488.00
RW - 5	07/20/04	3506.91	19.05	19.20	0.15	3487.84
RW - 5	08/04/04	3506.91	19.06	19.21	0.15	3487.83
RW - 5	08/10/04	3506.91	19.03	19.22	0.19	3487.85
RW - 5	08/16/04	3506.91	sheen	19.20	0.00	3487.71

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 5	08/25/04	3506.91	19.05	19.06	0.01	3487.86
RW - 5	08/26/04	3506.91	19.03	19.09	0.06	3487.87
RW - 5	08/31/04	3506.91	19.08	19.42	0.34	3487.78
RW - 5	09/13/04	3506.91	19.29	19.50	0.21	3487.59
RW - 5	09/20/04	3506.91	19.42	19.57	0.15	3487.47
RW - 5	09/30/04	3506.91	19.56	19.65	0.09	3487.34
RW - 5	10/04/04	3506.91	18.75	19.05	0.30	3488.12
RW - 5	10/11/04	3506.91	18.73	19.05	0.32	3488.13
RW - 5	10/18/04	3506.91	18.55	18.97	0.42	3488.30
RW - 5	10/26/04	3506.91	18.55	18.87	0.32	3488.31
RW - 5	11/02/04	3506.91	18.45	18.83	0.38	3488.40
RW - 5	11/08/04	3506.91	18.67	19.00	0.33	3488.19
RW - 5	11/15/04	3506.91	18.34	19.34	1.00	3488.42
RW - 5	12/01/04	3506.91	18.18	18.51	0.33	3488.68
RW - 5	12/03/04	3506.91	18.18	18.48	0.30	3488.69
RW - 5	12/14/04	3506.91	18.23	19.23	1.00	3488.53
RW - 5	12/21/04	3506.91	18.26	18.82	0.56	3488.57
RW - 5	12/29/04	3506.91	18.26	18.75	0.49	3488.58
RW - 5	01/11/05	3506.91	18.16	18.59	0.43	3488.69
RW - 5	01/14/05	3506.91	18.20	18.52	0.32	3488.66
RW - 5	01/18/05	3506.91	18.10	18.40	0.30	3488.77
RW - 5	01/21/05	3506.91	sheen	18.15	0.00	3488.76
RW - 5	01/25/05	3506.91	18.08	18.10	0.02	3488.83
RW - 5	01/28/05	3506.91	sheen	18.04	0.00	3488.87
RW - 5	02/02/05	3506.91	17.97	18.11	0.14	3488.92
RW - 5	02/05/05	3506.91	17.96	17.98	0.02	3488.95
RW - 5	02/08/05	3506.91	17.98	17.99	0.01	3488.93
RW - 5	02/11/05	3506.91	sheen	17.99	0.00	3488.92
RW - 5	02/15/05	3506.91	17.93	17.94	0.01	3488.98
RW - 5	02/18/05	3506.91	sheen	17.95	0.00	3488.96
RW - 5	02/22/05	3506.91	17.90	17.91	0.01	3489.01
RW - 5	02/25/05	3506.91	sheen	17.96	0.00	3488.95
RW - 5	03/01/05	3506.91	sheen	17.88	0.00	3489.03
RW - 5	03/04/05	3506.91	sheen	17.86	0.00	3489.05
RW - 5	03/08/05	3506.91	sheen	17.81	0.00	3489.10
RW - 5	03/08/05	3506.91	sheen	17.81	0.00	3489.10
RW - 5	03/11/05	3506.91	sheen	17.85	0.00	3489.06
RW - 5	03/15/05	3506.91	sheen	17.79	0.00	3489.12
RW - 5	03/18/05	3506.91	sheen	17.76	0.00	3489.15
RW - 5	03/22/05	3506.91	17.72	17.75	0.03	3489.19
RW - 5	03/28/05	3506.91	sheen	17.69	0.00	3489.22
RW - 5	04/01/05	3506.91	sheen	17.71	0.00	3489.20
RW - 5	04/05/05	3506.91	17.66	17.69	0.03	3489.25
RW - 5	04/08/05	3506.91	sheen	17.62	0.00	3489.29
RW - 5	04/12/05	3506.91	17.63	17.66	0.03	3489.28
RW - 5	04/15/05	3506.91	sheen	17.62	0.00	3489.29
RW - 5	05/25/05	3506.91	17.39	17.55	0.16	3489.50
RW - 5	05/27/05	3506.91	17.40	17.42	0.02	3489.51
RW - 5	05/31/05	3506.91	sheen	17.39	0.00	3489.52
RW - 5	06/03/05	3506.91	sheen	17.35	0.00	3489.56
RW - 5	06/06/05	3506.91	sheen	17.35	0.00	3489.56
RW - 5	06/08/05	3506.91	sheen	17.35	0.00	3489.56
RW - 5	06/13/05	3506.91	sheen	17.34	0.00	3489.57
RW - 5	06/20/05	3506.91	sheen	17.40	0.00	3489.51

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 5	06/24/05	3506.91	sheen	17.37	0.00	3489.54
RW - 5	06/27/05	3506.91	sheen	17.41	0.00	3489.50
RW - 5	07/11/05	3506.91	17.47	17.62	0.15	3489.42
RW - 5	07/15/05	3506.91	17.50	17.52	0.02	3489.41
RW - 5	07/18/05	3506.91	17.56	17.57	0.01	3489.35
RW - 5	07/21/05	3506.91	sheen	17.59	0.00	3489.32
RW - 5	07/25/05	3506.91	sheen	17.66	0.00	3489.25
RW - 5	08/01/05	3506.91	sheen	17.63	0.00	3489.28
RW - 5	08/04/05	3506.91	sheen	17.65	0.00	3489.26
RW - 5	08/12/05	3506.91	17.78	17.92	0.14	3489.11
RW - 5	08/15/05	3506.91	17.60	17.90	0.30	3489.27
RW - 5	08/23/05	3506.91	17.44	17.74	0.30	3489.43
RW - 5	08/30/05	3506.91	17.42	17.62	0.20	3489.46
RW - 5	09/06/05	3506.91	17.32	18.15	0.83	3489.47
RW - 5	09/13/05	3506.91	17.38	18.31	0.93	3489.39
RW - 5	09/15/05	3506.91	17.38	17.83	0.45	3489.46
RW - 5	09/19/05	3506.91	17.40	17.80	0.40	3489.45
RW - 5	09/27/05	3506.91	17.39	17.90	0.51	3489.44
RW - 5	10/03/05	3506.91	17.49	17.71	0.22	3489.39
RW - 5	10/08/05	3506.91	17.20	18.09	0.89	3489.58
RW - 5	10/10/05	3506.91	17.41	18.03	0.62	3489.41
RW - 5	10/17/05	3506.91	17.30	17.77	0.47	3489.54
RW - 5	10/24/05	3506.91	17.30	17.77	0.47	3489.54
RW - 5	10/31/05	3506.91	17.30	17.89	0.59	3489.52
RW - 5	11/15/05	3506.91	17.35	17.87	0.52	3489.48
RW - 5	11/22/05	3506.91	17.30	17.65	0.35	3489.56
RW - 5	11/27/05	3506.91	17.18	17.49	0.31	3489.68
RW - 5	12/07/05	3506.91	17.32	17.72	0.40	3489.53
RW - 5	12/12/05	3506.91	17.24	18.02	0.78	3489.55
RW - 5	12/16/05	3506.91	17.20	18.00	0.80	3489.59
RW - 5	12/22/05	3506.91	17.31	17.96	0.65	3489.50
RW - 5	12/27/05	3506.91	17.24	17.74	0.50	3489.60
RW - 5	01/03/06	3506.91	17.22	17.88	0.66	3489.59
RW - 5	01/09/06	3506.91	17.31	17.64	0.33	3489.55
RW - 5	01/16/06	3506.91	17.25	17.60	0.35	3489.61
RW - 5	01/23/06	3506.91	17.29	17.60	0.31	3489.57
RW - 5	01/30/06	3506.91	17.32	17.63	0.31	3489.54
RW - 5	02/06/06	3506.91	17.28	17.68	0.40	3489.57
RW - 5	02/14/06	3506.91	17.29	17.67	0.38	3489.56
RW - 5	02/21/06	3506.91	17.25	17.75	0.50	3489.59
RW - 5	02/28/06	3506.91	17.24	17.66	0.42	3489.61
RW - 5	03/06/06	3506.91	17.28	17.62	0.34	3489.58
RW - 5	03/16/06	3506.91	17.30	17.57	0.27	3489.57
RW - 5	03/17/06	3506.91	17.28	17.55	0.27	3489.59
RW - 5	03/21/06	3506.91	17.28	17.60	0.32	3489.58
RW - 5	03/28/06	3506.91	17.31	17.59	0.28	3489.56
RW - 5	04/03/06	3506.91	17.18	17.48	0.30	3489.69
RW - 5	04/10/06	3506.91	17.25	17.53	0.28	3489.62
RW - 5	04/17/06	3506.91	17.21	17.50	0.29	3489.66
RW - 5	05/01/06	3506.91	17.18	17.53	0.35	3489.68
RW - 5	05/08/06	3506.91	17.20	17.71	0.51	3489.63
RW - 5	05/15/06	3506.91	17.25	17.83	0.58	3489.57
RW - 5	05/30/06	3506.91	17.37	18.32	0.95	3489.40
RW - 5	06/05/06	3506.91	17.48	18.18	0.70	3489.33

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 5	06/12/06	3506.91	17.62	17.97	0.35	3489.24
RW - 5	06/15/06	3506.91	17.68	17.85	0.17	3489.20
RW - 5	06/19/06	3506.91	17.71	18.00	0.29	3489.16
RW - 5	07/03/06	3506.91	17.86	18.16	0.30	3489.01
RW - 5	07/10/06	3506.91	17.84	18.12	0.28	3489.03
RW - 5	07/17/06	3506.91	17.69	18.04	0.35	3489.17
RW - 5	07/26/06	3506.91	17.74	18.30	0.56	3489.09
RW - 5	07/31/06	3506.91	17.79	18.26	0.47	3489.05
RW - 5	08/07/06	3506.91	17.89	18.31	0.42	3488.96
RW - 5	08/17/06	3506.91	17.75	18.38	0.63	3489.07
RW - 5	08/21/06	3506.91	17.74	18.40	0.66	3489.07
RW - 5	09/06/06	3506.91	17.32	18.14	0.82	3489.47
RW - 5	09/11/06	3506.91	17.34	17.85	0.51	3489.49
RW - 5	09/18/06	3506.91	17.42	17.76	0.34	3489.44
RW - 5	09/25/06	3506.91	17.40	18.00	0.60	3489.42
RW - 5	10/02/06	3506.91	17.36	17.97	0.61	3489.46
RW - 5	10/17/06	3506.91	17.40	18.55	1.15	3489.34
RW - 5	10/23/06	3506.91	17.35	18.50	1.15	3489.39
RW - 5	10/30/06	3506.91	17.32	18.49	1.17	3489.41
RW - 5	11/06/06	3506.91	17.42	18.53	1.11	3489.32
RW - 5	11/13/06	3506.91	17.46	17.98	0.52	3489.37
RW - 5	11/20/06	3506.91	17.40	17.97	0.57	3489.42
RW - 5	11/27/06	3506.91	17.44	17.97	0.53	3489.39
RW - 5	11/30/06	3506.91	17.44	17.95	0.51	3489.39
RW - 5	12/04/06	3506.91	17.55	18.00	0.45	3489.29
RW - 5	12/12/06	3506.91	17.42	18.26	0.84	3489.36
RW - 5	12/18/06	3506.91	17.45	17.76	0.31	3489.41
RW - 5	01/02/07	3506.91	17.42	17.72	0.30	3489.45
RW - 5	01/11/07	3506.91	17.28	17.68	0.40	3489.57
RW - 5	01/18/07	3506.91	17.40	17.81	0.41	3489.45
RW - 5	01/22/07	3506.91	17.40	17.97	0.57	3489.42
RW - 5	02/05/07	3506.91	17.34	17.87	0.53	3489.49
RW - 5	02/12/07	3506.91	17.28	17.53	0.25	3489.59
RW - 5	02/19/07	3506.91	17.24	17.51	0.27	3489.63
RW - 5	02/27/07	3506.91	17.31	17.88	0.57	3489.51
RW - 5	03/05/07	3506.91	17.34	18.09	0.75	3489.46
RW - 5	03/12/07	3506.91	17.29	17.53	0.24	3489.58
RW - 5	03/19/07	3506.91	17.26	17.84	0.58	3489.56
RW - 5	04/02/07	3506.91	17.27	17.58	0.31	3489.59
RW - 5	04/09/07	3506.91	17.19	17.49	0.30	3489.68
RW - 5	05/01/07	3506.91	17.20	17.52	0.32	3489.66
RW - 5	05/12/07	3506.91	17.20	17.56	0.36	3489.66
RW - 5	05/17/07	3506.91	17.05	17.34	0.29	3489.82
RW - 5	05/21/07	3506.91	17.01	17.25	0.24	3489.86
RW - 5	05/22/07	3506.91	17.01	17.25	0.24	3489.86
RW - 5	06/01/07	3506.91	17.01	17.36	0.35	3489.85
RW - 5	06/06/07	3506.91	17.01	17.37	0.36	3489.85
RW - 5	06/11/07	3506.91	17.11	17.51	0.40	3489.74
RW - 5	06/19/07	3506.91	17.20	17.47	0.27	3489.67
RW - 5	06/25/07	3506.91	17.26	17.46	0.20	3489.62
RW - 5	07/03/07	3506.91	17.37	17.63	0.26	3489.50
RW - 5	07/18/07	3506.91	17.55	17.90	0.35	3489.31
RW - 5	07/23/07	3506.91	17.60	18.01	0.41	3489.25
RW - 5	07/31/07	3506.91	17.66	18.14	0.48	3489.18

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 5	08/14/07	3506.91	17.71	18.19	0.48	3489.13
RW - 5	08/15/07	3506.91	17.76	17.94	0.18	3489.12
RW - 5	08/29/07	3506.91	17.81	18.33	0.52	3489.02
RW - 5	09/07/07	3506.91	17.85	18.31	0.46	3488.99
RW - 5	09/10/07	3506.91	17.74	18.30	0.56	3489.09
RW - 5	09/17/07	3506.91	17.46	17.86	0.40	3489.39
RW - 5	09/24/07	3506.91	17.41	17.89	0.48	3489.43
RW - 5	11/05/07	3506.91	17.48	18.22	0.74	3489.32
RW - 5	11/06/07	3506.91	17.57	18.24	0.67	3489.24
RW - 5	11/12/07	3506.91	17.52	17.96	0.44	3489.32
RW - 5	11/19/07	3506.91	17.56	17.75	0.19	3489.32
RW - 5	11/30/07	3506.91	17.58	18.26	0.68	3489.23
RW - 5	12/03/07	3506.91	17.51	17.82	0.31	3489.35
RW - 5	12/14/07	3506.91	17.48	17.77	0.29	3489.39
RW - 5	12/17/07	3506.91	17.46	17.50	0.04	3489.44
RW - 5	01/09/08	3506.91	17.46	17.86	0.40	3489.39
RW - 5	01/16/08	3506.91	17.38	17.90	0.52	3489.45
RW - 5	01/30/08	3506.91	17.40	17.81	0.41	3489.45
RW - 5	02/08/08	3506.91	17.44	17.72	0.28	3489.43
RW - 5	02/12/08	3506.91	17.45	17.72	0.27	3489.42
RW - 5	02/14/08	3506.91	17.43	17.68	0.25	3489.44
RW - 5	02/20/08	3506.91	17.38	17.51	0.13	3489.51
RW - 5	02/28/08	3506.91	17.40	17.55	0.15	3489.49
RW - 5	03/05/08	3506.91	17.41	17.57	0.16	3489.48
RW - 5	03/13/08	3506.91	17.41	17.57	0.16	3489.48
RW - 5	03/19/08	3506.91	17.45	17.61	0.16	3489.44
RW - 5	03/24/08	3506.91	17.37	17.51	0.14	3489.52
RW - 5	04/03/08	3506.91	17.46	17.58	0.12	3489.43
RW - 5	04/07/08	3506.91	17.36	17.45	0.09	3489.54
RW - 5	04/14/08	3506.91	17.48	17.60	0.12	3489.41
RW - 5	04/23/08	3506.91	17.34	17.52	0.18	3489.54
RW - 5	05/07/08	3506.91	17.39	17.70	0.31	3489.47
RW - 5	05/13/08	3506.91	17.39	17.70	0.31	3489.47
RW - 5	05/14/08	3506.91	17.37	17.51	0.14	3489.52
RW - 5	05/19/08	3506.91	17.40	17.56	0.16	3489.49
RW - 5	06/09/08	3506.91	17.64	17.92	0.28	3489.23
RW - 5	06/16/08	3506.91	17.46	17.57	0.11	3489.43
RW - 5	06/23/08	3506.91	17.89	18.35	0.46	3488.95
RW - 5	06/30/08	3506.91	17.93	18.19	0.26	3488.94
RW - 5	07/14/08	3506.91	17.95	18.18	0.23	3488.93
RW - 5	07/22/08	3506.91	18.01	18.28	0.27	3488.86
RW - 5	07/29/08	3506.91	18.03	18.09	0.06	3488.87
RW - 5	08/04/08	3506.91	18.08	18.46	0.38	3488.77
RW - 5	08/11/08	3506.91	18.11	18.45	0.34	3488.75
RW - 5	08/14/08	3506.91	18.04	18.39	0.35	3488.82
RW - 5	08/18/08	3506.91	18.13	18.41	0.28	3488.74
RW - 5	08/28/08	3506.91	18.00	18.53	0.53	3488.83
RW - 5	09/02/08	3506.91	17.89	18.34	0.45	3488.95
RW - 5	09/17/08	3506.91	17.65	18.71	1.06	3489.10
RW - 5	09/29/08	3506.91	17.75	18.45	0.70	3489.06
RW - 5	10/06/08	3506.91	17.76	18.24	0.48	3489.08
RW - 5	10/13/08	3506.91	17.82	18.10	0.28	3489.05
RW - 5	10/20/08	3506.91	17.69	17.94	0.25	3489.18
RW - 5	10/29/08	3506.91	17.03	17.95	0.92	3489.74

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 5	10/30/08	3506.91	17.71	17.84	0.13	3489.18
RW - 5	11/06/08	3506.91	17.67	18.00	0.33	3489.19
RW - 5	11/12/08	3506.91	17.63	17.85	0.22	3489.25
RW - 5	11/13/08	3506.91	17.63	17.85	0.22	3489.25
RW - 5	12/16/08	3506.91	17.65	18.00	0.35	3489.21
RW - 5	12/19/08	3506.91	17.69	17.90	0.21	3489.19
RW - 5	12/22/08	3506.91	17.62	17.73	0.11	3489.27
RW - 5	01/06/09	3506.91	17.62	17.84	0.22	3489.26
RW - 5	01/12/09	3506.91	17.54	18.41	0.87	3489.24
RW - 5	01/19/09	3506.91	17.75	18.36	0.61	3489.07
RW - 5	01/22/09	3506.91	17.66	17.76	0.10	3489.24
RW - 5	01/26/09	3506.91	17.63	17.76	0.13	3489.26
RW - 5	02/10/09	3506.91	17.56	17.75	0.19	3489.32
RW - 5	02/13/09	3506.91	17.50	17.73	0.23	3489.38
RW - 5	02/16/09	3506.91	17.53	17.75	0.22	3489.35
RW - 5	02/24/09	3506.91	17.52	17.74	0.22	3489.36
RW - 5	03/02/09	3506.91	17.62	17.81	0.19	3489.26
RW - 5	03/05/09	3506.91	17.54	17.86	0.32	3489.32
RW - 5	03/09/09	3506.91	17.53	17.69	0.16	3489.36
RW - 5	03/16/09	3506.91	17.54	17.66	0.12	3489.35
RW - 5	03/19/09	3506.91	17.64	17.85	0.21	3489.24
RW - 5	03/25/09	3506.91	17.64	17.86	0.22	3489.24
RW - 5	03/30/09	3506.91	17.64	17.85	0.21	3489.24
RW - 5	04/13/09	3506.91	17.48	17.79	0.31	3489.38
RW - 5	04/16/09	3506.91	17.62	17.81	0.19	3489.26
RW - 5	04/21/09	3506.91	17.63	17.80	0.17	3489.25
RW - 5	04/27/09	3506.91	17.49	17.55	0.06	3489.41
RW - 5	04/30/09	3506.91	17.63	17.79	0.16	3489.26
RW - 5	05/06/09	3506.91	17.65	17.77	0.12	3489.24
RW - 5	05/12/09	3506.91	17.52	17.89	0.37	3489.33
RW - 5	05/19/09	3506.91	17.58	17.77	0.19	3489.30
RW - 5	05/26/09	3506.91	17.63	17.82	0.19	3489.25
RW - 5	06/01/09	3506.91	17.69	17.86	0.17	3489.19
RW - 5	06/05/09	3506.91	17.70	17.84	0.14	3489.19
RW - 5	06/12/09	3506.91	17.73	17.88	0.15	3489.16
RW - 5	06/15/09	3506.91	17.76	17.89	0.13	3489.13
RW - 5	06/22/09	3506.91	17.82	18.00	0.18	3489.06
RW - 5	06/24/09	3506.91	17.87	17.96	0.09	3489.03
RW - 5	06/29/09	3506.91	17.94	18.11	0.17	3488.94
RW - 5	07/06/09	3506.91	17.96	18.18	0.22	3488.92
RW - 5	07/09/09	3506.91	17.60	17.75	0.15	3489.29
RW - 5	07/13/09	3506.91	17.62	17.76	0.14	3489.27
RW - 5	07/20/09	3506.91	17.60	17.78	0.18	3489.28
RW - 5	07/23/09	3506.91	18.09	18.45	0.36	3488.77
RW - 5	07/27/09	3506.91	18.10	18.46	0.36	3488.76
RW - 5	07/29/09	3506.91	18.03	18.29	0.26	3488.84
RW - 5	08/03/09	3506.91	17.99	18.25	0.26	3488.88
RW - 5	08/10/09	3506.91	18.11	18.35	0.24	3488.76
RW - 5	08/10/09	3506.91	18.11	18.35	0.24	3488.76
RW - 5	08/18/09	3506.91	18.17	18.45	0.28	3488.70
RW - 5	08/24/09	3506.91	18.34	18.64	0.30	3488.53
RW - 5	08/28/09	3506.91	18.18	18.46	0.28	3488.69
RW - 5	08/31/09	3506.91	18.24	18.50	0.26	3488.63
RW - 5	09/02/09	3506.91	18.23	18.36	0.13	3488.66

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 5	09/08/09	3506.91	18.39	18.54	0.15	3488.50
RW - 5	09/10/09	3506.91	18.36	18.60	0.24	3488.51
RW - 5	09/16/09	3506.91	18.26	18.64	0.38	3488.59
RW - 5	09/18/09	3506.91	18.34	18.80	0.46	3488.50
RW - 5	09/22/09	3506.91	18.36	18.67	0.31	3488.50
RW - 5	09/28/09	3506.91	18.19	18.45	0.26	3488.68
RW - 5	10/09/09	3506.91	18.39	18.80	0.41	3488.46
RW - 5	10/12/09	3506.91	17.62	17.74	0.12	3489.27
RW - 5	10/15/09	3506.91	18.41	18.65	0.24	3488.46
RW - 5	10/20/09	3506.91	18.43	18.64	0.21	3488.45
RW - 5	10/26/09	3506.91	17.63	17.73	0.10	3489.27
RW - 5	10/28/09	3506.91	18.40	18.60	0.20	3488.48
RW - 5	11/03/09	3506.91	18.29	18.61	0.32	3488.57
RW - 5	11/12/09	3506.91	18.33	18.55	0.22	3488.55
RW - 5	11/18/09	3506.91	18.41	18.59	0.18	3488.47
RW - 5	12/03/09	3506.91	18.40	18.79	0.39	3488.45
RW - 5	12/11/09	3506.91	18.48	18.60	0.12	3488.41
RW - 5	12/16/09	3506.91	18.34	18.52	0.18	3488.54
RW - 5	12/21/09	3506.91	18.32	18.44	0.12	3488.57
RW - 5	12/28/09	3506.91	18.29	18.42	0.13	3488.60
RW - 5	01/04/10	3506.91	18.32	18.51	0.19	3488.56
RW - 5	01/14/10	3506.91	18.34	18.54	0.20	3488.54
RW - 5	01/20/10	3506.91	18.25	18.41	0.16	3488.64
RW - 5	01/25/10	3506.91	18.33	18.38	0.05	3488.57
RW - 5	01/27/10	3506.91	18.22	18.35	0.13	3488.67
RW - 5	02/01/10	3506.91	18.26	18.55	0.29	3488.61
RW - 5	02/08/10	3506.91	18.15	18.33	0.18	3488.73
RW - 5	02/08/10	3506.91	sheen	18.65	0.00	3488.26
RW - 5	02/09/10	3506.91	18.25	18.31	0.06	3488.65
RW - 5	02/19/10	3506.91	18.04	18.38	0.34	3488.82
RW - 5	02/26/10	3506.91	18.15	18.30	0.15	3488.74
RW - 5	03/01/10	3506.91	18.33	18.57	0.24	3488.54
RW - 5	03/04/10	3506.91	18.12	18.20	0.08	3488.78
RW - 5	03/08/10	3506.91	18.12	18.18	0.06	3488.78
RW - 5	03/11/10	3506.91	17.99	18.04	0.05	3488.91
RW - 5	03/15/10	3506.91	18.10	18.23	0.13	3488.79
RW - 5	03/17/10	3506.91	18.00	18.08	0.08	3488.90
RW - 5	03/22/10	3506.91	17.86	18.13	0.27	3489.01
RW - 5	03/29/10	3506.91	17.91	18.00	0.09	3488.99
RW - 5	04/05/10	3506.91	17.97	18.06	0.09	3488.93
RW - 5	04/14/10	3506.91	17.96	18.08	0.12	3488.93
RW - 5	04/16/10	3506.91	17.92	18.03	0.11	3488.97
RW - 5	04/19/10	3506.91	17.96	18.10	0.14	3488.93
RW - 5	04/28/10	3506.91	17.89	17.97	0.08	3489.01
RW - 5	05/05/10	3506.91	17.77	17.87	0.10	3489.13
RW - 5	05/12/10	3506.91	17.85	18.02	0.17	3489.03
RW - 5	05/14/10	3506.91	17.85	18.03	0.18	3489.03
RW - 5	05/21/10	3506.91	17.84	18.00	0.16	3489.05
RW - 5	05/26/10	3506.91	17.82	18.02	0.20	3489.06
RW - 5	06/04/10	3506.91	17.87	18.01	0.14	3489.02
RW - 5	06/07/10	3506.91	18.00	18.16	0.16	3488.89
RW - 5	06/12/10	3506.91	18.00	18.21	0.21	3488.88
RW - 5	06/24/10	3506.91	18.05	18.35	0.30	3488.82
RW - 5	06/30/10	3506.91	18.29	18.42	0.13	3488.60

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 5	07/07/10	3506.91	17.46	17.68	0.22	3489.42
RW - 5	07/12/10	3506.91	17.36	17.91	0.55	3489.47
RW - 5	07/19/10	3506.91	17.41	17.85	0.44	3489.43
RW - 5	08/03/10	3506.91	17.34	18.12	0.78	3489.45
RW - 5	08/11/10	3506.91	17.41	17.85	0.44	3489.43
RW - 5	08/19/10	3506.91	17.59	17.70	0.11	3489.30
RW - 5	08/25/10	3506.91	17.54	17.83	0.29	3489.33
RW - 5	09/01/10	3506.91	17.57	17.85	0.28	3489.30
RW - 5	09/09/10	3506.91	17.62	18.06	0.44	3489.22
RW - 5	09/13/10	3506.91	17.43	17.85	0.42	3489.42
RW - 5	09/29/10	3506.91	17.68	18.16	0.48	3489.16
RW - 5	10/05/10	3506.91	17.45	17.84	0.39	3489.40
RW - 5	10/20/10	3506.91	17.52	18.30	0.78	3489.27
RW - 5	10/25/10	3506.91	17.53	18.31	0.78	3489.26
RW - 5	11/03/10	3506.91	17.42	17.81	0.39	3489.43
RW - 5	11/10/10	3506.91	17.83	18.40	0.57	3488.99
RW - 5	11/12/10	3506.91	17.83	18.40	0.57	3488.99
RW - 5	12/09/10	3506.91	17.40	17.76	0.36	3489.46
RW - 5	01/18/11	3506.91	17.83	18.41	0.58	3488.99
RW - 5	02/16/11	3506.91	17.81	18.42	0.61	3489.01
RW - 5	03/01/11	3506.91	17.71	18.39	0.68	3489.10
RW - 5	03/07/11	3506.91	17.69	18.06	0.37	3489.16
RW - 5	03/22/11	3506.91	17.80	18.43	0.63	3489.02
RW - 5	04/27/11	3506.91	17.76	18.26	0.50	3489.08
RW - 5	05/05/11	3506.91	17.85	18.26	0.41	3489.00
RW - 5	05/10/11	3506.91	17.92	18.31	0.39	3488.93
RW - 5	05/17/11	3506.91	17.77	18.15	0.38	3489.08
RW - 5	05/19/11	3506.91	17.77	18.15	0.38	3489.08
RW - 5	05/24/11	3506.91	17.88	18.22	0.34	3488.98
RW - 5	06/07/11	3506.91	18.06	18.40	0.34	3488.80
RW - 5	06/08/11	3506.91	18.09	18.26	0.17	3488.79
RW - 5	06/14/11	3506.91	18.12	18.36	0.24	3488.75
RW - 5	06/23/11	3506.91	18.01	18.48	0.47	3488.83
RW - 5	06/28/11	3506.91	18.05	18.42	0.37	3488.80
RW - 5	07/06/11	3506.91	18.22	18.70	0.48	3488.62
RW - 5	07/14/11	3506.91	18.22	18.53	0.31	3488.64
RW - 5	07/20/11	3506.91	18.35	18.68	0.33	3488.51
RW - 5	07/27/11	3506.91	18.42	18.70	0.28	3488.45
RW - 5	08/03/11	3506.91	18.37	18.68	0.31	3488.49
RW - 5	08/10/11	3506.91	18.42	18.68	0.26	3488.45
RW - 5	08/18/11	3506.91	18.46	18.80	0.34	3488.40
RW - 5	08/25/11	3506.91	18.52	18.75	0.23	3488.36
RW - 5	09/07/11	3506.91	18.56	18.78	0.22	3488.32
RW - 5	09/14/11	3506.91	18.58	18.70	0.12	3488.31
RW - 5	11/14/11	3506.91	18.52	18.59	0.07	3488.38
RW - 5	12/01/11	3506.91	-	18.56	0.00	3488.35
RW - 5	12/08/11	3506.91	-	18.54	0.00	3488.37
RW - 5	12/14/11	3506.91	-	18.49	0.00	3488.42
RW - 5	01/12/12	3506.91	-	18.15	0.00	3488.76
RW - 5	01/19/12	3506.91	-	18.54	0.00	3488.37
RW - 5	02/03/12	3506.91	-	18.40	0.00	3488.51
RW - 5	02/29/12	3506.91	-	18.32	0.00	3488.59
RW - 5	03/14/12	3506.91	-	18.22	0.00	3488.69
RW - 5	03/19/12	3506.91	18.19	18.21	0.02	3488.72

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 5	03/29/12	3506.91	-	18.25	0.00	3488.66
RW - 5	04/05/12	3506.91	-	18.15	0.00	3488.76
RW - 5	04/18/12	3506.91	-	18.15	0.00	3488.76
RW - 5	04/27/12	3506.91	-	18.15	0.00	3488.76
RW - 5	05/02/12	3506.91	18.20	18.21	0.01	3488.71
RW - 5	05/31/12	3506.91	-	18.30	0.00	3488.61
RW - 5	06/08/12	3506.91	-	18.31	0.00	3488.60
RW - 5	06/12/12	3506.91	18.25	18.27	0.02	3488.66
RW - 5	06/21/12	3506.91	18.36	18.37	0.01	3488.55
RW - 5	06/29/12	3506.91	18.36	18.39	0.03	3488.55
RW - 5	07/13/12	3506.91	18.50	18.77	0.27	3488.37
RW - 5	12/06/12	3506.91	20.15	21.05	0.90	3486.63
RW - 5	12/11/12	3506.91	20.15	21.08	0.93	3486.62
RW - 5	12/18/12	3506.91	20.13	21.04	0.91	3486.64
RW - 5	01/09/13	3506.91	20.10	20.96	0.86	3486.68
RW - 5	01/15/13	3506.91	20.09	20.86	0.77	3486.70
RW - 5	01/23/13	3506.91	20.10	20.84	0.74	3486.70
RW - 5	01/29/13	3506.91	20.06	20.82	0.76	3486.74
RW - 5	02/07/13	3506.91	20.08	20.90	0.82	3486.71
RW - 5	02/13/13	3506.91	20.15	20.29	0.14	3486.74
RW - 5	02/20/13	3506.91	20.30	20.37	0.07	3486.60
RW - 5	03/15/13	3506.91	20.09	20.34	0.25	3486.78
RW - 5	03/19/13	3506.91	20.05	20.38	0.33	3486.81
RW - 5	04/02/13	3506.91	20.00	20.29	0.29	3486.87
RW - 5	04/09/13	3506.91	19.99	20.20	0.21	3486.89
RW - 5	04/16/13	3506.91	19.99	20.20	0.21	3486.89
RW - 5	04/23/13	3506.91	20.01	20.24	0.23	3486.87
RW - 5	04/30/13	3506.91	-	20.56	0.00	3486.35
RW - 5	05/08/13	3506.91	19.96	20.18	0.22	3486.92
RW - 5	05/14/13	3506.91	19.94	20.07	0.13	3486.95
RW - 5	05/22/13	3506.91	19.92	20.15	0.23	3486.96
RW - 5	05/28/13	3506.91	19.95	20.12	0.17	3486.93
RW - 5	06/04/13	3506.91	19.97	20.13	0.16	3486.92
RW - 5	06/11/13	3506.91	20.01	20.16	0.15	3486.88
RW - 5	06/19/13	3506.91	20.04	20.08	0.04	3486.86
RW - 5	06/28/13	3506.91	20.18	20.35	0.17	3486.70
RW - 5	07/01/13	3506.91	20.23	20.31	0.08	3486.67
RW - 5	07/08/13	3506.91	20.28	20.35	0.07	3486.62
RW - 5	07/23/13	3506.91	19.95	20.44	0.49	3486.89
RW - 5	07/30/13	3506.91	20.31	20.38	0.07	3486.59
RW - 5	08/05/13	3506.91	20.31	20.36	0.05	3486.59
RW - 5	08/12/13	3506.91	20.28	20.36	0.08	3486.62
RW - 5	08/22/13	3506.91	20.37	20.54	0.17	3486.51
RW - 5	08/29/13	3506.91	20.42	20.55	0.13	3486.47
RW - 5	09/05/13	3506.91	20.43	20.58	0.15	3486.46
RW - 5	09/10/13	3506.91	20.50	20.63	0.13	3486.39
RW - 5	09/17/13	3506.91	20.52	20.69	0.17	3486.36
RW - 5	09/24/13	3506.91	20.52	20.67	0.15	3486.37
RW - 5	10/07/13	3506.91	20.58	20.73	0.15	3486.31
RW - 5	11/14/13	-	22.88	23.08	0.20	-
RW - 5	11/21/13	-	22.89	23.05	0.16	-
RW - 5	12/12/13	-	22.79	23.03	0.24	-
RW - 5	12/19/13	-	22.76	22.93	0.17	-
RW - 5	01/03/14	-	22.74	22.93	0.19	-

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 5	01/09/14	-	22.76	22.95	0.19	-
RW - 5	01/13/14	-	22.77	22.96	0.19	-
RW - 5	01/21/14	-	22.73	22.88	0.15	-
RW - 5	01/24/14	-	22.77	22.94	0.17	-
RW - 5	02/04/14	3512.12	22.70	22.86	0.16	3489.40
RW - 5	02/10/14	3512.12	22.71	23.03	0.32	3489.36
RW - 5	02/27/14	3512.12	22.63	22.81	0.18	3489.46
RW - 5	03/17/14	3512.12	22.55	22.74	0.19	3489.54
RW - 5	03/27/14	3512.12	22.58	22.91	0.33	3489.49
RW - 5	04/02/14	3512.12	22.58	22.74	0.16	3489.52
RW - 5	04/16/14	3512.12	22.55	22.85	0.30	3489.53
RW - 5	04/22/14	3512.12	22.50	22.73	0.23	3489.59
RW - 5	04/28/14	3512.12	22.58	22.67	0.09	3489.53
RW - 5	05/06/14	3512.12	22.53	22.85	0.32	3489.54
RW - 5	05/13/14	3512.12	22.63	23.08	0.45	3489.42
RW - 5	05/14/14	3512.12	22.60	22.69	0.09	3489.51
RW - 5	05/21/14	3512.12	22.55	22.95	0.40	3489.51
RW - 5	06/05/14	3512.12	22.65	23.20	0.55	3489.39
RW - 5	06/11/14	3512.12	22.71	22.85	0.14	3489.39
RW - 5	06/16/14	3512.12	22.75	23.20	0.45	3489.30
RW - 5	06/24/14	3512.12	22.89	23.10	0.21	3489.20
RW - 5	07/01/14	3512.12	22.95	23.12	0.17	3489.14
RW - 5	07/08/14	3512.12	23.00	23.10	0.10	3489.11
RW - 5	07/15/14	3512.12	23.07	23.46	0.39	3488.99
RW - 5	07/22/14	3512.12	23.10	23.42	0.32	3488.97
RW - 5	07/23/14	3512.12	23.10	23.42	0.32	3488.97
RW - 5	07/31/14	3512.12	23.13	23.38	0.25	3488.95
RW - 5	08/05/14	3512.12	23.22	23.28	0.06	3488.89
RW - 5	08/07/14	3512.12	23.15	23.39	0.24	3488.93
RW - 5	08/15/14	3512.12	23.17	23.33	0.16	3488.93
RW - 5	08/20/14	3512.12	23.19	23.43	0.24	3488.89
RW - 5	08/27/14	3512.12	23.22	24.29	1.07	3488.74
RW - 5	09/24/14	3512.12	22.58	23.22	0.64	3489.44
RW - 5	10/01/14	3512.12	22.17	22.35	0.18	3489.92
RW - 5	10/07/14	3512.12	22.09	22.16	0.07	3490.02
RW - 5	10/14/14	3512.12	22.06	22.09	0.03	3490.06
RW - 5	10/15/14	3512.12	22.06	22.09	0.03	3490.06
RW - 5	10/20/14	3512.12	22.04	22.10	0.06	3490.07
RW - 5	10/24/14	3512.12	22.05	22.16	0.11	3490.05
RW - 5	10/27/14	3512.12	22.03	22.09	0.06	3490.08
RW - 5	11/03/14	3512.12	22.05	22.11	0.06	3490.06
RW - 5	11/11/14	3512.12	22.04	22.17	0.13	3490.06
RW - 5	11/19/14	3512.12	22.00	22.27	0.27	3490.08
RW - 5	12/08/14	3512.12	22.03	22.23	0.20	3490.06
RW - 5	12/15/14	3512.12	22.04	22.25	0.21	3490.05
RW - 5	12/18/14	3512.12	21.98	22.05	0.07	3490.13
RW - 5	12/22/14	3512.12	21.98	22.05	0.07	3490.13
RW - 5	12/29/14	3512.12	22.04	22.12	0.08	3490.07
RW - 5	01/05/15	3512.12	22.04	22.11	0.07	3490.07
RW - 5	01/12/15	3512.12	22.07	22.14	0.07	3490.04
RW - 5	01/19/15	3512.12	22.04	22.08	0.04	3490.07
RW - 5	02/04/15	3512.12	22.03	22.09	0.06	3490.08
RW - 5	02/09/15	3512.12	22.02	22.15	0.13	3490.08
RW - 5	02/19/15	3512.12	22.02	22.07	0.05	3490.09

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 5	03/03/15	3512.12	22.00	22.14	0.14	3490.10
RW - 5	03/09/15	3512.12	22.02	22.18	0.16	3490.08
RW - 5	03/16/15	3512.12	22.01	22.05	0.04	3490.10
RW - 5	03/20/15	3512.12	22.04	22.17	0.13	3490.06
RW - 5	03/23/15	3512.12	21.97	22.02	0.05	3490.14
RW - 5	03/30/15	3512.12	21.99	22.11	0.12	3490.11
RW - 5	04/04/15	3512.12	22.02	22.07	0.05	3490.09
RW - 5	04/07/15	3512.12	22.00	22.06	0.06	3490.11
RW - 5	04/14/15	3512.12	22.00	22.05	0.05	3490.11
RW - 5	04/20/15	3512.12	21.94	21.98	0.04	3490.17
RW - 5	04/27/15	3512.12	21.97	22.21	0.24	3490.11
RW - 5	05/07/15	3512.12	21.93	21.96	0.03	3490.19
RW - 5	05/11/15	3512.12	21.95	21.97	0.02	3490.17
RW - 5	05/21/15	3512.12	21.90	21.94	0.04	3490.21
RW - 5	05/27/15	3512.12	21.88	22.03	0.15	3490.22
RW - 5	05/28/15	3512.12	21.85	21.89	0.04	3490.26
RW - 5	06/03/15	3512.12	21.86	21.92	0.06	3490.25
RW - 5	06/08/15	3512.12	21.87	21.92	0.05	3490.24
RW - 5	06/15/15	3512.12	21.88	21.91	0.03	3490.24
RW - 5	06/25/15	3512.12	-	21.86	0.00	3490.26
RW - 5	06/29/15	3512.12	-	21.91	0.00	3490.21
RW - 5	07/08/15	3512.12	-	21.97	0.00	3490.15
RW - 5	07/09/15	3512.12	-	22.04	0.00	3490.08
RW - 5	07/14/15	3512.12	-	22.03	0.00	3490.09
RW - 5	07/20/15	3512.12	-	22.13	0.00	3489.99
RW - 5	07/28/15	3512.12	-	22.19	0.00	3489.93
RW - 5	08/03/15	3512.12	-	22.19	0.00	3489.93
RW - 5	08/04/15	3512.12	-	22.19	0.00	3489.93
RW - 5	08/10/15	3512.12	-	22.27	0.00	3489.85
RW - 5	08/17/15	3512.12	22.24	22.26	0.02	3489.88
RW - 5	08/25/15	3512.12	-	22.39	0.00	3489.73
RW - 5	08/31/15	3512.12	-	22.40	0.00	3489.72
RW - 5	09/08/15	3512.12	22.29	22.32	0.03	3489.83
RW - 5	09/15/15	3512.12	22.30	22.32	0.02	3489.82
RW - 5	09/24/15	3512.12	-	22.56	0.00	3489.56
RW - 5	09/28/15	3512.12	-	22.55	0.00	3489.57
RW - 5	10/06/15	3512.12	-	22.47	0.00	3489.65
RW - 5	10/12/15	3512.12	-	22.35	0.00	3489.77
RW - 5	10/26/15	3512.12	-	22.31	0.00	3489.81
RW - 5	11/06/15	3512.12	-	22.16	0.00	3489.96
RW - 5	11/10/15	3512.12	-	22.09	0.00	3490.03
RW - 5	11/18/15	3512.12	-	22.12	0.00	3490.00
RW - 5	12/02/15	3512.12	-	22.17	0.00	3489.95
RW - 5	12/07/15	3512.12	-	22.03	0.00	3490.09
RW - 5	12/14/15	3512.12	-	22.05	0.00	3490.07
RW - 5	01/05/16	3512.12	-	21.92	0.00	3490.20
RW - 5	01/08/16	3512.12	-	22.05	0.00	3490.07
RW - 5	01/12/16	3512.12	-	22.09	0.00	3490.03
RW - 5	01/18/16	3512.12	-	21.99	0.00	3490.13
RW - 5	01/25/16	3512.12	-	22.01	0.00	3490.11
RW - 5	02/01/16	3512.12	-	21.97	0.00	3490.15
RW - 5	02/08/16	3512.12	-	22.01	0.00	3490.11
RW - 5	02/19/16	3512.12	-	21.98	0.00	3490.14
RW - 5	02/23/16	3512.12	-	21.95	0.00	3490.17

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 5	03/03/16	3512.12	-	21.94	0.00	3490.18
RW - 5	03/07/16	3512.12	-	21.92	0.00	3490.20
RW - 5	03/15/16	3512.12	-	21.87	0.00	3490.25
RW - 5	03/21/16	3512.12	-	21.85	0.00	3490.27
RW - 5	03/28/16	3512.12	-	21.82	0.00	3490.30
RW - 5	04/05/16	3512.12	-	21.80	0.00	3490.32
RW - 5	04/08/16	3512.12	-	21.85	0.00	3490.27
RW - 5	04/12/16	3512.12	-	21.82	0.00	3490.30
RW - 5	04/18/16	3512.12	-	21.76	0.00	3490.36
RW - 5	04/25/16	3512.12	-	21.77	0.00	3490.35
RW - 5	05/02/16	3512.12	-	21.78	0.00	3490.34
RW - 5	05/23/16	3512.12	-	21.75	0.00	3490.37
RW - 5	06/01/16	3512.12	-	21.79	0.00	3490.33
RW - 5	06/06/16	3512.12	-	21.80	0.00	3490.32
RW - 5	06/09/16	3512.12	-	21.81	0.00	3490.31
RW - 5	06/28/16	3512.12	-	22.00	0.00	3490.12
RW - 5	07/12/16	3512.12	-	22.26	0.00	3489.86
RW - 5	07/19/16	3512.12	22.24	22.26	0.02	3489.88
RW - 5	07/27/16	3512.12	22.31	22.33	0.02	3489.81
RW - 5	08/03/16	3512.12	-	22.40	0.00	3489.72
RW - 5	08/04/16	3512.12	-	22.44	0.00	3489.68
RW - 5	08/08/16	3512.12	-	22.49	0.00	3489.63
RW - 5	08/16/16	3512.12	-	22.48	0.00	3489.64
RW - 5	08/23/16	3512.12	-	22.61	0.00	3489.51
RW - 5	08/31/16	3512.12	-	22.36	0.00	3489.76
RW - 5	09/14/16	3512.12	-	21.73	0.00	3490.39
RW - 5	09/22/16	3512.12	-	21.50	0.00	3490.62
RW - 5	09/27/16	3512.12	-	21.40	0.00	3490.72
RW - 5	10/07/16	3512.12	-	21.93	0.00	3490.19
RW - 5	10/21/16	3512.12	-	21.48	0.00	3490.64
RW - 5	10/28/16	3512.12	-	21.50	0.00	3490.62
RW - 5	11/04/16	3512.12	-	21.39	0.00	3490.73
RW - 5	11/09/16	3512.12	-	21.43	0.00	3490.69
RW - 5	12/06/16	3512.12	-	21.35	0.00	3490.77
RW - 5	12/15/16	3512.12	-	21.46	0.00	3490.66
RW - 5	12/22/16	3512.12	-	21.50	0.00	3490.62
RW - 5	12/29/16	3512.12	-	21.55	0.00	3490.57
RW - 5	01/05/17	3512.12	-	21.45	0.00	3490.67
RW - 5	01/11/17	3512.12	-	21.38	0.00	3490.74
RW - 5	01/18/17	3512.12	-	21.42	0.00	3490.70
RW - 5	01/26/17	3512.12	-	21.55	0.00	3490.57
RW - 5	01/31/17	3512.12	-	21.43	0.00	3490.69
RW - 5	02/10/17	3512.12	-	21.47	0.00	3490.65
RW - 5	02/17/17	3512.12	-	21.38	0.00	3490.74
RW - 5	02/24/17	3512.12	-	21.43	0.00	3490.69
RW - 5	03/01/17	3512.12	-	21.42	0.00	3490.70
RW - 5	03/09/17	3512.12	-	21.47	0.00	3490.65
RW - 5	03/15/17	3512.12	-	21.42	0.00	3490.70
RW - 5	03/22/17	3512.12	-	21.45	0.00	3490.67
RW - 5	03/29/17	3512.12	-	21.54	0.00	3490.58
RW - 5	04/07/17	3512.12	-	21.51	0.00	3490.61
RW - 5	04/11/17	3512.12	-	21.39	0.00	3490.73
RW - 5	04/20/17	3512.12	-	21.36	0.00	3490.76
RW - 5	05/02/17	3512.12	-	21.31	0.00	3490.81

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 5	05/12/17	3512.44	-	20.80	0.00	3491.64
RW - 5	05/16/17	3512.12	-	21.33	0.00	3490.79
RW - 5	05/24/17	3512.12	-	21.39	0.00	3490.73
RW - 5	06/05/17	3512.12	-	21.47	0.00	3490.65
RW - 5	06/15/17	3512.12	-	21.60	0.00	3490.52
RW - 5	06/28/17	3512.12	-	21.69	0.00	3490.43
RW - 5	07/05/17	3512.12	-	21.82	0.00	3490.30
RW - 5	07/11/17	3512.12	-	21.84	0.00	3490.28
RW - 5	07/17/17	3512.12	-	21.86	0.00	3490.26
RW - 5	07/20/17	3512.12	-	22.92	0.00	3489.20
RW - 5	08/16/17	3512.12	-	21.91	0.00	3490.21
RW - 5	09/05/17	3512.12	-	21.68	0.00	3490.44
RW - 5	09/13/17	3512.12	-	21.69	0.00	3490.43
RW - 5	09/19/17	3512.12	-	21.73	0.00	3490.39
RW - 5	09/29/17	3512.12	-	21.79	0.00	3490.33
RW - 5	10/05/17	3512.12	-	21.84	0.00	3490.28
RW - 5	10/12/17	3512.12	-	21.61	0.00	3490.51
RW - 5	10/20/17	3512.12	-	21.64	0.00	3490.48
RW - 5	10/24/17	3512.12	-	21.62	0.00	3490.50
RW - 5	11/02/17	3512.12	-	21.55	0.00	3490.57
RW - 5	11/14/17	3512.12	-	21.55	0.00	3490.57
RW - 5	12/20/17	3512.12	-	22.50	0.00	3489.62
RW - 5	12/28/17	3512.12	-	21.44	0.00	3490.68
RW - 5	01/03/18	3512.12	-	21.46	0.00	3490.66
RW - 5	01/09/18	3512.12	-	21.41	0.00	3490.71
RW - 5	01/19/18	3512.12	-	21.42	0.00	3490.70
RW - 5	01/24/18	3512.12	-	21.46	0.00	3490.66
RW - 5	02/07/18	3512.12	-	21.45	0.00	3490.67
RW - 5	02/12/18	3512.12	-	21.43	0.00	3490.69
RW - 5	02/22/18	3512.12	-	21.39	0.00	3490.73
RW - 5	03/02/18	3512.12	-	21.41	0.00	3490.71
RW - 5	03/07/18	3512.12	-	21.41	0.00	3490.71
RW - 5	03/19/18	3512.12	-	21.45	0.00	3490.67
RW - 5	03/29/18	3512.12	-	21.41	0.00	3490.71
RW - 5	04/02/18	3512.12	-	21.35	0.00	3490.77
RW - 5	04/11/18	3512.12	-	21.35	0.00	3490.77
RW - 5	04/16/18	3512.12	-	21.36	0.00	3490.76
RW - 5	04/25/18	3512.12	-	21.39	0.00	3490.73
RW - 5	05/01/18	3512.12	-	21.36	0.00	3490.76
RW - 5	05/08/18	3512.12	-	21.37	0.00	3490.75
RW - 5	05/22/18	3512.12	-	21.61	0.00	3490.51
RW - 5	05/31/18	3512.12	-	21.68	0.00	3490.44
RW - 5	06/06/18	3512.12	-	21.74	0.00	3490.38
RW - 5	06/13/18	3512.12	-	21.80	0.00	3490.32
RW - 5	06/18/18	3512.12	-	21.84	0.00	3490.28
RW - 5	06/25/18	3512.12	-	21.89	0.00	3490.23
RW - 5	07/02/18	3512.12	-	21.93	0.00	3490.19
RW - 5	07/11/18	3512.12	-	22.04	0.00	3490.08
RW - 5	07/19/18	3512.12	-	22.03	0.00	3490.09
RW - 5	07/27/18	3512.12	-	21.10	0.00	3491.02
RW - 5	08/08/18	3512.12	-	22.20	0.00	3489.92
RW - 5	08/30/18	3512.12	-	22.29	0.00	3489.83
RW - 5	09/12/18	3512.12	-	22.31	0.00	3489.81
RW - 5	09/20/18	3512.12	-	22.20	0.00	3489.92

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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Plains Marketing, L.P.
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Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 5	09/26/18	3512.12	-	22.21	0.00	3489.91
RW - 5	10/03/18	3512.12	-	22.06	0.00	3490.06
RW - 5	10/19/18	3512.12	-	22.17	0.00	3489.95
RW - 5	10/31/18	3512.12	-	22.04	0.00	3490.08
RW - 5	11/06/18	3512.12	-	22.02	0.00	3490.10
RW - 5	11/13/18	3512.12	-	22.25	0.00	3489.87
RW - 5	12/03/18	3512.12	-	23.20	0.00	3488.92
RW - 5	12/03/18	3512.12	-	21.93	0.00	3490.19
RW - 5	12/19/18	3512.12	-	21.91	0.00	3490.21
RW - 5	12/27/18	3512.12	-	21.82	0.00	3490.30
RW - 5	01/03/19	3512.12	-	21.82	0.00	3490.30
RW - 5	01/09/19	3512.12	-	21.93	0.00	3490.19
RW - 5	01/16/19	3512.12	-	21.88	0.00	3490.24
RW - 5	02/06/19	3512.12	-	21.94	0.00	3490.18
RW - 5	02/13/19	3512.12	-	21.85	0.00	3490.27
RW - 5	02/28/19	3512.12	-	21.83	0.00	3490.29
RW - 5	03/06/19	3512.12	-	21.87	0.00	3490.25
RW - 5	03/12/19	3512.12	-	21.72	0.00	3490.40
RW - 5	03/19/19	3512.12	-	21.81	0.00	3490.31
RW - 5	03/28/19	3512.12	-	21.85	0.00	3490.27
RW - 5	04/01/19	3512.12	-	21.81	0.00	3490.31
RW - 5	04/10/19	3512.12	-	21.69	0.00	3490.43
RW - 5	04/17/19	3512.12	-	21.73	0.00	3490.39
RW - 5	04/24/19	3512.12	-	21.69	0.00	3490.43
RW - 5	05/01/19	3512.12	-	21.74	0.00	3490.38
RW - 5	05/08/19	3512.12	-	21.71	0.00	3490.41
RW - 5	06/14/19	3512.12	-	21.92	0.00	3490.20
RW - 5	07/11/19	3512.12	-	22.07	0.00	3490.05
RW - 5	08/08/19	3512.12	-	22.32	0.00	3489.80
RW - 5	09/12/19	3512.12	-	22.46	0.00	3489.66
RW - 5	09/17/19	3512.12	-	22.47	0.00	3489.65
RW - 5	10/15/19	3512.12	-	22.29	0.00	3489.83
RW - 5	11/06/19	3512.12	-	22.23	0.00	3489.89
RW - 5	11/13/19	3512.12	-	22.14	0.00	3489.98
RW - 5	12/17/19	3512.12	-	22.00	0.00	3490.12
RW - 5	01/06/20	3512.12	-	21.95	0.00	3490.17
RW - 5	01/23/20	3512.12	-	21.92	0.00	3490.20
RW - 5	02/21/20	3512.12	-	21.91	0.00	3490.21
RW - 5	03/05/20	3512.12	-	21.89	0.00	3490.23
RW - 5	05/14/20	3512.12	-	21.59	0.00	3490.53
RW - 5	05/21/20	3512.12	-	21.64	0.00	3490.48
RW - 5	06/18/20	3512.12	-	21.98	0.00	3490.14
RW - 5	07/01/20	3512.12	-	22.16	0.00	3489.96
RW - 5	07/21/20	3512.12	-	22.29	0.00	3489.83
RW - 5	08/13/20	3512.12	-	22.42	0.00	3489.70
RW - 5	09/14/20	3512.12	-	22.52	0.00	3489.60
RW - 5	09/30/20	3512.12	-	22.53	0.00	3489.59
RW - 5	10/16/20	3512.12	-	22.62	0.00	3489.50
RW - 5	12/10/20	3512.12	-	22.69	0.00	3489.43
RW - 5	01/13/21	3512.12	-	22.63	0.00	3489.49
RW - 5	02/11/21	3512.12	-	22.63	0.00	3489.49
RW - 5	04/21/21	3512.12	-	22.49	0.00	3489.63
RW - 5	04/28/21	3512.12	-	22.48	0.00	3489.64
RW - 5	06/11/21	3512.12	-	22.48	0.00	3489.64

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 5	07/31/21	3512.12	-	22.54	0.00	3489.58
RW - 5	08/31/21	3512.12	-	22.69	0.00	3489.43
RW - 5	09/23/21	3512.12	-	22.73	0.00	3489.39
RW - 5	10/14/21	3512.12	-	22.78	0.00	3489.34
RW - 5	10/28/21	3512.12	-	22.82	0.00	3489.30
RW - 5	12/06/21	3512.12	-	22.89	0.00	3489.23
RW - 6	11/05/02	3507.45	20.09	26.67	6.58	3486.37
RW - 6	11/06/02	3507.45	20.12	20.28	0.16	3487.31
RW - 6	11/12/02	3507.45	20.08	20.80	0.72	3487.26
RW - 6	01/07/03	3507.45	19.70	21.39	1.69	3487.50
RW - 6	01/27/03	3507.45	19.67	21.17	1.50	3487.56
RW - 6	02/26/03	3507.45	19.65	20.29	0.64	3487.70
RW - 6	03/11/03	3507.45	19.84	20.08	0.24	3487.57
RW - 6	03/19/03	3507.45	-	19.85	0.00	3487.60
RW - 6	03/25/03	3507.45	19.69	20.04	0.35	3487.71
RW - 6	04/16/03	3507.45	19.64	20.76	1.12	3487.64
RW - 6	04/23/03	3507.45	19.58	20.95	1.37	3487.66
RW - 6	04/29/03	3507.45	19.56	20.96	1.40	3487.68
RW - 6	05/14/03	3507.45	19.69	21.18	1.49	3487.54
RW - 6	05/20/03	3507.45	19.83	21.35	1.52	3487.39
RW - 6	05/27/03	3507.45	19.94	21.73	1.79	3487.24
RW - 6	06/04/03	3507.45	19.80	20.47	0.67	3487.55
RW - 6	06/26/03	3507.45	19.49	20.39	0.90	3487.83
RW - 6	07/07/03	3507.45	20.19	21.87	1.68	3487.01
RW - 6	07/30/03	3507.45	20.28	22.00	1.72	3486.91
RW - 6	08/06/03	3507.45	20.54	22.33	1.79	3486.64
RW - 6	08/21/03	3507.45	20.67	22.51	1.84	3486.50
RW - 6	08/26/03	3507.45	20.75	22.61	1.86	3486.42
RW - 6	09/08/03	3507.45	20.60	22.18	1.58	3486.61
RW - 6	09/15/03	3507.45	20.62	22.10	1.48	3486.61
RW - 6	09/24/03	3507.45	20.95	21.62	0.67	3486.40
RW - 6	10/02/03	3507.45	20.76	22.75	1.99	3486.39
RW - 6	10/08/03	3507.45	20.65	22.65	2.00	3486.50
RW - 6	10/16/03	3507.45	20.98	23.04	2.06	3486.16
RW - 6	10/28/03	3507.45	21.04	23.13	2.09	3486.10
RW - 6	11/11/03	3507.45	21.03	23.09	2.06	3486.11
RW - 6	11/18/03	3507.45	20.84	22.81	1.97	3486.31
RW - 6	12/10/03	3507.45	20.64	22.58	1.94	3486.52
RW - 6	02/02/04	3507.45	21.09	21.54	0.45	3486.29
RW - 6	02/26/04	3507.45	20.55	22.62	2.07	3486.59
RW - 6	03/16/04	3507.45	20.96	22.91	1.95	3486.20
RW - 6	03/19/04	3507.45	20.80	22.90	2.10	3486.34
RW - 6	03/25/04	3507.45	20.82	22.90	2.08	3486.32
RW - 6	04/01/04	3507.45	20.70	22.85	2.15	3486.43
RW - 6	04/08/04	3507.45	20.72	22.88	2.16	3486.41
RW - 6	04/14/04	3507.45	19.90	22.60	2.70	3487.15
RW - 6	04/16/04	3507.45	20.05	23.71	3.66	3486.85
RW - 6	04/22/04	3507.45	19.20	22.01	2.81	3487.83
RW - 6	04/29/04	3507.45	19.18	22.00	2.82	3487.85
RW - 6	05/11/04	3507.45	19.15	22.16	3.01	3487.85
RW - 6	06/08/04	3507.45	19.29	22.39	3.10	3487.70
RW - 6	06/17/04	3507.45	19.27	22.43	3.16	3487.71
RW - 6	06/22/04	3507.45	19.31	22.47	3.16	3487.67

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 6	06/29/04	3507.45	19.30	22.53	3.23	3487.67
RW - 6	07/06/04	3507.45	19.24	22.39	3.15	3487.74
RW - 6	07/13/04	3507.45	19.29	22.43	3.14	3487.69
RW - 6	07/20/04	3507.45	19.44	22.63	3.19	3487.53
RW - 6	08/04/04	3507.45	19.45	22.61	3.16	3487.53
RW - 6	08/10/04	3507.45	19.46	22.59	3.13	3487.52
RW - 6	08/16/04	3507.45	19.62	22.65	3.03	3487.38
RW - 6	08/23/04	3507.45	19.68	19.70	0.02	3487.77
RW - 6	08/26/04	3507.45	19.87	19.90	0.03	3487.58
RW - 6	08/31/04	3507.45	19.89	19.92	0.03	3487.56
RW - 6	09/13/04	3507.45	19.90	20.66	0.76	3487.44
RW - 6	09/20/04	3507.45	19.95	20.61	0.66	3487.40
RW - 6	09/30/04	3507.45	20.00	20.43	0.43	3487.39
RW - 6	10/04/04	3507.45	19.38	20.19	0.81	3487.95
RW - 6	10/11/04	3507.45	19.12	19.88	0.76	3488.22
RW - 6	10/18/04	3507.45	19.10	20.04	0.94	3488.21
RW - 6	10/26/04	3507.45	19.26	19.83	0.57	3488.10
RW - 6	11/02/04	3507.45	19.05	20.03	0.98	3488.25
RW - 6	11/08/04	3507.45	19.05	19.98	0.93	3488.26
RW - 6	11/15/04	3507.45	19.07	21.26	2.19	3488.05
RW - 6	12/01/04	3507.45	18.83	21.93	3.10	3488.16
RW - 6	12/03/04	3507.45	18.83	21.93	3.10	3488.16
RW - 6	12/14/04	3507.45	18.74	21.89	3.15	3488.24
RW - 6	12/21/04	3507.45	18.75	21.35	2.60	3488.31
RW - 6	12/29/04	3507.45	18.82	21.00	2.18	3488.30
RW - 6	01/11/05	3507.45	18.39	20.97	2.58	3488.67
RW - 6	01/14/05	3507.45	18.65	20.69	2.04	3488.49
RW - 6	01/18/05	3507.45	18.65	21.20	2.55	3488.42
RW - 6	01/21/05	3507.45	18.64	20.93	2.29	3488.47
RW - 6	01/25/05	3507.45	18.55	20.70	2.15	3488.58
RW - 6	01/28/05	3507.45	18.70	20.01	1.31	3488.55
RW - 6	02/02/05	3507.45	18.60	20.21	1.61	3488.61
RW - 6	02/05/05	3507.45	18.89	19.97	1.08	3488.40
RW - 6	02/08/05	3507.45	18.67	19.65	0.98	3488.63
RW - 6	02/11/05	3507.45	18.81	19.51	0.70	3488.54
RW - 6	02/15/05	3507.45	18.55	19.90	1.35	3488.70
RW - 6	02/18/05	3507.45	18.72	19.59	0.87	3488.60
RW - 6	02/22/05	3507.45	18.53	19.93	1.40	3488.71
RW - 6	02/25/05	3507.45	18.57	20.10	1.53	3488.65
RW - 6	03/01/05	3507.45	18.47	20.05	1.58	3488.74
RW - 6	03/04/05	3507.45	18.54	19.94	1.40	3488.70
RW - 6	03/08/05	3507.45	18.46	19.73	1.27	3488.80
RW - 6	03/08/05	3507.45	18.46	19.73	1.27	3488.80
RW - 6	03/11/05	3507.45	18.60	19.35	0.75	3488.74
RW - 6	03/15/05	3507.45	18.54	19.35	0.81	3488.79
RW - 6	03/18/05	3507.45	18.51	19.36	0.85	3488.81
RW - 6	03/22/05	3507.45	18.43	19.36	0.93	3488.88
RW - 6	03/28/05	3507.45	18.31	20.00	1.69	3488.89
RW - 6	04/01/05	3507.45	18.57	19.49	0.92	3488.74
RW - 6	04/05/05	3507.45	18.24	20.40	2.16	3488.89
RW - 6	04/08/05	3507.45	18.27	19.90	1.63	3488.94
RW - 6	04/15/05	3507.45	18.23	20.05	1.82	3488.95
RW - 6	05/25/05	3507.45	18.18	18.60	0.42	3489.21
RW - 6	05/27/05	3507.45	18.20	18.37	0.17	3489.22

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 6	05/31/05	3507.45	18.16	18.59	0.43	3489.23
RW - 6	06/03/05	3507.45	18.10	18.70	0.60	3489.26
RW - 6	06/06/05	3507.45	18.07	18.88	0.81	3489.26
RW - 6	06/08/05	3507.45	18.10	18.81	0.71	3489.24
RW - 6	06/13/05	3507.45	18.09	18.79	0.70	3489.26
RW - 6	06/20/05	3507.45	18.11	18.84	0.73	3489.23
RW - 6	06/24/05	3507.45	18.03	19.40	1.37	3489.21
RW - 6	06/27/05	3507.45	18.08	18.68	0.60	3489.28
RW - 6	07/11/05	3507.45	18.13	19.08	0.95	3489.18
RW - 6	07/15/05	3507.45	18.27	18.92	0.65	3489.08
RW - 6	07/18/05	3507.45	18.23	19.33	1.10	3489.06
RW - 6	07/21/05	3507.45	18.33	18.88	0.55	3489.04
RW - 6	07/25/05	3507.45	18.32	19.12	0.80	3489.01
RW - 6	08/01/05	3507.45	18.33	18.91	0.58	3489.03
RW - 6	08/04/05	3507.45	18.43	18.82	0.39	3488.96
RW - 6	08/15/05	3507.45	18.38	19.54	1.16	3488.90
RW - 6	08/23/05	3507.45	18.31	18.66	0.35	3489.09
RW - 6	08/30/05	3507.45	18.35	18.79	0.44	3489.03
RW - 6	09/06/05	3507.45	18.23	18.41	0.18	3489.19
RW - 6	09/13/05	3507.45	18.40	18.41	0.01	3489.05
RW - 6	09/15/05	3507.45	18.20	18.70	0.50	3489.18
RW - 6	09/19/05	3507.45	18.25	18.71	0.46	3489.13
RW - 6	09/27/05	3507.45	18.12	18.60	0.48	3489.26
RW - 6	10/03/05	3507.45	18.20	18.65	0.45	3489.18
RW - 6	10/08/05	3507.45	18.01	18.76	0.75	3489.33
RW - 6	10/10/05	3507.45	18.18	19.22	1.04	3489.11
RW - 6	10/17/05	3507.45	18.06	18.64	0.58	3489.30
RW - 6	10/24/05	3507.45	18.10	18.60	0.50	3489.28
RW - 6	10/31/05	3507.45	18.16	18.84	0.68	3489.19
RW - 6	11/15/05	3507.45	18.15	18.80	0.65	3489.20
RW - 6	11/22/05	3507.45	18.07	18.71	0.64	3489.28
RW - 6	11/27/05	3507.45	18.03	18.74	0.71	3489.31
RW - 6	12/07/05	3507.45	18.02	18.79	0.77	3489.31
RW - 6	12/12/05	3507.45	17.99	19.09	1.10	3489.30
RW - 6	12/16/05	3507.45	18.05	19.00	0.95	3489.26
RW - 6	12/22/05	3507.45	18.00	19.21	1.21	3489.27
RW - 6	12/27/05	3507.45	18.00	18.72	0.72	3489.34
RW - 6	01/03/06	3507.45	18.04	18.90	0.86	3489.28
RW - 6	01/09/06	3507.45	18.05	18.60	0.55	3489.32
RW - 6	01/16/06	3507.45	18.03	18.81	0.78	3489.30
RW - 6	01/23/06	3507.45	18.07	18.69	0.62	3489.29
RW - 6	01/30/06	3507.45	18.10	18.65	0.55	3489.27
RW - 6	02/06/06	3507.45	18.03	18.79	0.76	3489.31
RW - 6	02/14/06	3507.45	18.05	18.53	0.48	3489.33
RW - 6	02/21/06	3507.45	18.00	18.57	0.57	3489.36
RW - 6	03/01/06	3507.45	17.98	18.60	0.62	3489.38
RW - 6	03/06/06	3507.45	18.05	18.59	0.54	3489.32
RW - 6	03/16/06	3507.45	18.05	18.27	0.22	3489.37
RW - 6	03/17/06	3507.45	18.05	18.21	0.16	3489.38
RW - 6	03/21/06	3507.45	18.10	18.13	0.03	3489.35
RW - 6	03/28/06	3507.45	18.07	18.24	0.17	3489.35
RW - 6	04/03/06	3507.45	17.99	18.34	0.35	3489.41
RW - 6	04/10/06	3507.45	17.94	18.35	0.41	3489.45
RW - 6	04/17/06	3507.45	17.93	18.41	0.48	3489.45

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 6	05/01/06	3507.45	17.94	18.55	0.61	3489.42
RW - 6	05/08/06	3507.45	17.97	18.42	0.45	3489.41
RW - 6	05/15/06	3507.45	18.05	18.62	0.57	3489.31
RW - 6	05/30/06	3507.45	18.21	19.47	1.26	3489.05
RW - 6	06/05/06	3507.45	18.23	18.91	0.68	3489.12
RW - 6	06/12/06	3507.45	18.38	19.01	0.63	3488.98
RW - 6	06/15/06	3507.45	18.46	18.83	0.37	3488.93
RW - 6	06/19/06	3507.45	18.87	18.91	0.04	3488.57
RW - 6	07/03/06	3507.45	18.66	19.08	0.42	3488.73
RW - 6	07/10/06	3507.45	18.59	19.10	0.51	3488.78
RW - 6	07/17/06	3507.45	18.46	18.97	0.51	3488.91
RW - 6	07/26/06	3507.45	18.53	19.25	0.72	3488.81
RW - 6	07/31/06	3507.45	18.58	19.25	0.67	3488.77
RW - 6	08/07/06	3507.45	18.61	19.16	0.55	3488.76
RW - 6	08/17/06	3507.45	18.53	19.27	0.74	3488.81
RW - 6	08/21/06	3507.45	18.48	19.02	0.54	3488.89
RW - 6	09/06/06	3507.45	18.15	18.43	0.28	3489.26
RW - 6	09/11/06	3507.45	18.29	18.97	0.68	3489.06
RW - 6	09/18/06	3507.45	18.18	18.71	0.53	3489.19
RW - 6	09/25/06	3507.45	18.17	18.93	0.76	3489.17
RW - 6	10/02/06	3507.45	18.14	18.90	0.76	3489.20
RW - 6	10/09/06	3507.45	18.15	19.00	0.85	3489.17
RW - 6	10/17/06	3507.45	18.12	19.28	1.16	3489.16
RW - 6	10/23/06	3507.45	18.14	19.29	1.15	3489.14
RW - 6	10/30/06	3507.45	18.12	19.27	1.15	3489.16
RW - 6	11/06/06	3507.45	18.13	19.11	0.98	3489.17
RW - 6	11/13/06	3507.45	18.19	18.65	0.46	3489.19
RW - 6	11/20/06	3507.45	18.23	18.65	0.42	3489.16
RW - 6	11/27/06	3507.45	18.18	18.61	0.43	3489.21
RW - 6	11/30/06	3507.45	18.20	18.65	0.45	3489.18
RW - 6	12/04/06	3507.45	18.17	18.76	0.59	3489.19
RW - 6	12/12/06	3507.45	18.20	18.77	0.57	3489.16
RW - 6	12/18/06	3507.45	18.05	18.61	0.56	3489.32
RW - 6	01/02/07	3507.45	18.10	18.88	0.78	3489.23
RW - 6	01/11/07	3507.45	18.02	18.56	0.54	3489.35
RW - 6	01/18/07	3507.45	18.15	18.61	0.46	3489.23
RW - 6	01/22/07	3507.45	18.11	18.68	0.57	3489.25
RW - 6	02/05/07	3507.45	18.03	18.55	0.52	3489.34
RW - 6	02/12/07	3507.45	18.04	18.45	0.41	3489.35
RW - 6	02/19/07	3507.45	18.03	18.42	0.39	3489.36
RW - 6	02/27/07	3507.45	18.04	18.75	0.71	3489.30
RW - 6	03/05/07	3507.45	18.06	18.73	0.67	3489.29
RW - 6	03/12/07	3507.45	18.09	18.42	0.33	3489.31
RW - 6	03/19/07	3507.45	17.99	18.38	0.39	3489.40
RW - 6	04/02/07	3507.45	18.09	18.47	0.38	3489.30
RW - 6	04/09/07	3507.45	17.93	18.49	0.56	3489.44
RW - 6	05/01/07	3507.45	17.90	18.48	0.58	3489.46
RW - 6	05/12/07	3507.45	17.91	18.50	0.59	3489.45
RW - 6	05/17/07	3507.45	17.82	18.25	0.43	3489.57
RW - 6	05/21/07	3507.45	17.76	18.20	0.44	3489.62
RW - 6	05/22/07	3507.45	17.76	18.20	0.44	3489.62
RW - 6	06/01/07	3507.45	17.78	18.30	0.52	3489.59
RW - 6	06/06/07	3507.45	17.78	18.37	0.59	3489.58
RW - 6	06/11/07	3507.45	17.84	18.33	0.49	3489.54

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 6	06/19/07	3507.45	17.97	18.36	0.39	3489.42
RW - 6	06/25/07	3507.45	17.98	18.30	0.32	3489.42
RW - 6	07/03/07	3507.45	18.14	18.52	0.38	3489.25
RW - 6	07/18/07	3507.45	18.26	18.66	0.40	3489.13
RW - 6	07/23/07	3507.45	18.35	18.76	0.41	3489.04
RW - 6	07/31/07	3507.45	18.42	19.02	0.60	3488.94
RW - 6	08/14/07	3507.45	18.49	19.03	0.54	3488.88
RW - 6	08/15/07	3507.45	18.54	18.79	0.25	3488.87
RW - 6	08/29/07	3507.45	18.60	19.17	0.57	3488.76
RW - 6	09/07/07	3507.45	18.61	19.06	0.45	3488.77
RW - 6	09/10/07	3507.45	18.60	19.09	0.49	3488.78
RW - 6	09/17/07	3507.45	18.37	18.79	0.42	3489.02
RW - 6	09/24/07	3507.45	18.30	18.74	0.44	3489.08
RW - 6	11/05/07	3507.45	18.22	19.29	1.07	3489.07
RW - 6	11/06/07	3507.45	18.31	18.84	0.53	3489.06
RW - 6	11/12/07	3507.45	18.31	18.85	0.54	3489.06
RW - 6	11/19/07	3507.45	18.26	18.58	0.32	3489.14
RW - 6	11/30/07	3507.45	18.32	19.19	0.87	3489.00
RW - 6	12/03/07	3507.45	18.21	18.53	0.32	3489.19
RW - 6	12/14/07	3507.45	18.26	18.61	0.35	3489.14
RW - 6	12/17/07	3507.45	18.14	18.48	0.34	3489.26
RW - 6	01/09/08	3507.45	18.17	18.64	0.47	3489.21
RW - 6	01/16/08	3507.45	18.12	18.74	0.62	3489.24
RW - 6	01/30/08	3507.45	18.17	18.71	0.54	3489.20
RW - 6	02/08/08	3507.45	18.22	18.64	0.42	3489.17
RW - 6	02/12/08	3507.45	18.23	18.49	0.26	3489.18
RW - 6	02/14/08	3507.45	18.21	18.43	0.22	3489.21
RW - 6	02/20/08	3507.45	18.14	18.32	0.18	3489.28
RW - 6	02/28/08	3507.45	18.13	18.44	0.31	3489.27
RW - 6	03/05/08	3507.45	18.16	18.39	0.23	3489.26
RW - 6	03/13/08	3507.45	18.11	18.32	0.21	3489.31
RW - 6	03/19/08	3507.45	18.15	18.36	0.21	3489.27
RW - 6	03/24/08	3507.45	18.12	18.38	0.26	3489.29
RW - 6	04/02/08	3507.45	18.12	18.31	0.19	3489.30
RW - 6	04/07/08	3507.45	18.10	18.26	0.16	3489.33
RW - 6	04/14/08	3507.45	18.09	18.33	0.24	3489.32
RW - 6	04/23/08	3507.45	18.08	18.30	0.22	3489.34
RW - 6	05/07/08	3507.45	18.08	18.41	0.33	3489.32
RW - 6	05/13/08	3507.45	18.08	18.41	0.33	3489.32
RW - 6	05/14/08	3507.45	18.14	18.35	0.21	3489.28
RW - 6	05/19/08	3507.45	18.14	18.33	0.19	3489.28
RW - 6	06/09/08	3507.45	18.39	18.86	0.47	3488.99
RW - 6	06/16/08	3507.45	18.12	18.32	0.20	3489.30
RW - 6	06/23/08	3507.45	18.60	18.97	0.37	3488.79
RW - 6	06/30/08	3507.45	18.67	18.98	0.31	3488.73
RW - 6	07/14/08	3507.45	18.72	18.96	0.24	3488.69
RW - 6	07/22/08	3507.45	18.78	19.05	0.27	3488.63
RW - 6	07/29/08	3507.45	18.75	19.03	0.28	3488.66
RW - 6	08/04/08	3507.45	18.89	19.17	0.28	3488.52
RW - 6	08/11/08	3507.45	18.85	19.14	0.29	3488.56
RW - 6	08/14/08	3507.45	18.89	19.12	0.23	3488.53
RW - 6	08/18/08	3507.45	18.91	19.17	0.26	3488.50
RW - 6	08/28/08	3507.45	18.79	19.08	0.29	3488.62
RW - 6	09/02/08	3507.45	18.75	18.96	0.21	3488.67

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 6	09/17/08	3507.45	18.56	19.04	0.48	3488.82
RW - 6	09/29/08	3507.45	18.54	18.91	0.37	3488.85
RW - 6	10/06/08	3507.45	18.55	18.81	0.26	3488.86
RW - 6	10/13/08	3507.45	18.57	18.80	0.23	3488.85
RW - 6	10/20/08	3507.45	18.49	18.69	0.20	3488.93
RW - 6	10/29/08	3507.45	18.49	18.74	0.25	3488.92
RW - 6	10/30/08	3507.45	18.62	18.80	0.18	3488.80
RW - 6	11/06/08	3507.45	18.48	18.70	0.22	3488.94
RW - 6	11/12/08	3507.45	18.42	18.62	0.20	3489.00
RW - 6	11/13/08	3507.45	18.42	18.62	0.20	3489.00
RW - 6	12/16/08	3507.45	18.46	18.84	0.38	3488.93
RW - 6	12/19/08	3507.45	18.38	18.61	0.23	3489.04
RW - 6	12/22/08	3507.45	18.38	18.56	0.18	3489.04
RW - 6	01/06/09	3507.45	18.37	18.69	0.32	3489.03
RW - 6	01/12/09	3507.45	18.31	18.89	0.58	3489.05
RW - 6	01/19/09	3507.45	18.34	18.81	0.47	3489.04
RW - 6	01/22/09	3507.45	18.31	18.42	0.11	3489.12
RW - 6	01/26/09	3507.45	18.33	18.49	0.16	3489.10
RW - 6	02/10/09	3507.45	18.29	18.52	0.23	3489.13
RW - 6	02/13/09	3507.45	18.31	19.09	0.78	3489.02
RW - 6	02/16/09	3507.45	18.36	19.11	0.75	3488.98
RW - 6	02/24/09	3507.45	18.38	19.15	0.77	3488.95
RW - 6	03/02/09	3507.45	18.28	18.52	0.24	3489.13
RW - 6	03/09/09	3507.45	18.25	18.41	0.16	3489.18
RW - 6	03/16/09	3507.45	18.31	18.45	0.14	3489.12
RW - 6	03/19/09	3507.45	18.35	18.90	0.55	3489.02
RW - 6	03/25/09	3507.45	18.34	18.89	0.55	3489.03
RW - 6	03/30/09	3507.45	18.33	18.87	0.54	3489.04
RW - 6	04/13/09	3507.45	18.21	18.45	0.24	3489.20
RW - 6	04/16/09	3507.45	18.37	18.84	0.47	3489.01
RW - 6	04/21/09	3507.45	18.38	18.78	0.40	3489.01
RW - 6	04/27/09	3507.45	18.22	18.31	0.09	3489.22
RW - 6	04/30/09	3507.45	18.35	18.76	0.41	3489.04
RW - 6	05/06/09	3507.45	18.36	18.73	0.37	3489.03
RW - 6	05/12/09	3507.45	18.25	18.53	0.28	3489.16
RW - 6	05/19/09	3507.45	18.28	18.61	0.33	3489.12
RW - 6	05/26/09	3507.45	18.40	18.64	0.24	3489.01
RW - 6	06/01/09	3507.45	18.42	18.61	0.19	3489.00
RW - 6	06/05/09	3507.45	18.45	18.58	0.13	3488.98
RW - 6	06/12/09	3507.45	18.50	18.65	0.15	3488.93
RW - 6	06/15/09	3507.45	18.60	18.73	0.13	3488.83
RW - 6	06/22/09	3507.45	18.64	18.79	0.15	3488.79
RW - 6	06/24/09	3507.45	18.60	18.72	0.12	3488.83
RW - 6	06/29/09	3507.45	18.70	18.97	0.27	3488.71
RW - 6	07/06/09	3507.45	18.70	18.85	0.15	3488.73
RW - 6	07/09/09	3507.45	18.26	18.59	0.33	3489.14
RW - 6	07/13/09	3507.45	18.28	18.61	0.33	3489.12
RW - 6	07/20/09	3507.45	18.29	18.63	0.34	3489.11
RW - 6	07/23/09	3507.45	18.94	19.25	0.31	3488.46
RW - 6	07/27/09	3507.45	18.96	18.23	-0.73	3488.60
RW - 6	07/29/09	3507.45	18.82	19.08	0.26	3488.59
RW - 6	08/03/09	3507.45	18.86	18.97	0.11	3488.57
RW - 6	08/10/09	3507.45	18.86	18.95	0.09	3488.58
RW - 6	08/10/09	3507.45	18.86	18.95	0.09	3488.58

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 6	08/18/09	3507.45	18.98	19.21	0.23	3488.44
RW - 6	08/24/09	3507.45	19.01	19.26	0.25	3488.40
RW - 6	08/28/09	3507.45	18.98	19.20	0.22	3488.44
RW - 6	08/31/09	3507.45	19.10	19.20	0.10	3488.34
RW - 6	09/02/09	3507.45	18.97	19.18	0.21	3488.45
RW - 6	09/08/09	3507.45	19.03	19.11	0.08	3488.41
RW - 6	09/10/09	3507.45	19.04	19.31	0.27	3488.37
RW - 6	09/16/09	3507.45	19.02	19.17	0.15	3488.41
RW - 6	09/18/09	3507.45	19.03	19.31	0.28	3488.38
RW - 6	09/22/09	3507.45	19.10	19.31	0.21	3488.32
RW - 6	09/28/09	3507.45	18.99	19.19	0.20	3488.43
RW - 6	10/09/09	3507.45	19.06	19.58	0.52	3488.31
RW - 6	10/12/09	3507.45	18.26	18.59	0.33	3489.14
RW - 6	10/15/09	3507.45	19.15	19.41	0.26	3488.26
RW - 6	10/20/09	3507.45	19.15	19.34	0.19	3488.27
RW - 6	10/26/09	3507.45	18.25	18.57	0.32	3489.15
RW - 6	10/28/09	3507.45	19.15	19.33	0.18	3488.27
RW - 6	11/03/09	3507.45	19.12	19.30	0.18	3488.30
RW - 6	11/12/09	3507.45	19.05	19.25	0.20	3488.37
RW - 6	11/18/09	3507.45	19.14	19.32	0.18	3488.28
RW - 6	12/03/09	3507.45	19.11	19.46	0.35	3488.29
RW - 6	12/11/09	3507.45	19.13	19.38	0.25	3488.28
RW - 6	12/16/09	3507.45	19.12	19.40	0.28	3488.29
RW - 6	12/21/09	3507.45	19.17	19.34	0.17	3488.25
RW - 6	12/28/09	3507.45	19.02	19.13	0.11	3488.41
RW - 6	01/04/10	3507.45	19.12	19.32	0.20	3488.30
RW - 6	01/14/10	3507.45	19.08	19.29	0.21	3488.34
RW - 6	01/20/10	3507.45	19.00	19.15	0.15	3488.43
RW - 6	01/25/10	3507.45	18.94	19.14	0.20	3488.48
RW - 6	01/27/10	3507.45	19.00	19.14	0.14	3488.43
RW - 6	02/01/10	3507.45	18.99	19.10	0.11	3488.44
RW - 6	02/08/10	3507.45	18.95	19.07	0.12	3488.48
RW - 6	02/08/10	3507.45	sheen	17.28	0.00	3490.17
RW - 6	02/09/10	3507.45	19.02	19.07	0.05	3488.42
RW - 6	02/19/10	3507.45	18.81	19.02	0.21	3488.61
RW - 6	02/26/10	3507.45	18.94	19.10	0.16	3488.49
RW - 6	03/01/10	3507.45	19.10	19.30	0.20	3488.32
RW - 6	03/04/10	3507.45	18.86	18.97	0.11	3488.57
RW - 6	03/08/10	3507.45	18.88	18.94	0.06	3488.56
RW - 6	03/11/10	3507.45	18.75	18.89	0.14	3488.68
RW - 6	03/15/10	3507.45	18.84	19.00	0.16	3488.59
RW - 6	03/17/10	3507.45	18.82	18.89	0.07	3488.62
RW - 6	03/22/10	3507.45	18.71	18.82	0.11	3488.72
RW - 6	03/29/10	3507.45	18.67	18.75	0.08	3488.77
RW - 6	04/05/10	3507.45	17.97	18.06	0.09	3489.47
RW - 6	04/14/10	3507.45	18.74	18.87	0.13	3488.69
RW - 6	04/16/10	3507.45	18.62	18.72	0.10	3488.82
RW - 6	04/19/10	3507.45	18.72	18.78	0.06	3488.72
RW - 6	04/28/10	3507.45	18.64	18.73	0.09	3488.80
RW - 6	05/05/10	3507.45	18.56	18.68	0.12	3488.87
RW - 6	05/12/10	3507.45	18.61	18.69	0.08	3488.83
RW - 6	05/14/10	3507.45	18.61	18.70	0.09	3488.83
RW - 6	05/21/10	3507.45	18.64	18.71	0.07	3488.80
RW - 6	05/26/10	3507.45	18.60	18.65	0.05	3488.84

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 6	06/04/10	3507.45	18.66	18.72	0.06	3488.78
RW - 6	06/07/10	3507.45	18.78	18.90	0.12	3488.65
RW - 6	06/12/10	3507.45	18.85	19.00	0.15	3488.58
RW - 6	06/24/10	3507.45	18.96	19.11	0.15	3488.47
RW - 6	06/30/10	3507.45	19.00	19.14	0.14	3488.43
RW - 6	07/07/10	3507.45	18.41	18.88	0.47	3488.97
RW - 6	07/12/10	3507.45	18.45	18.60	0.15	3488.98
RW - 6	07/19/10	3507.45	18.18	18.47	0.29	3489.23
RW - 6	07/26/10	3507.45	DID NOT GAUGE		0.00	3507.45
RW - 6	08/03/10	3507.45	18.18	18.63	0.45	3489.20
RW - 6	08/11/10	3507.45	18.20	18.47	0.27	3489.21
RW - 6	08/19/10	3507.45	18.22	18.50	0.28	3489.19
RW - 6	08/25/10	3507.45	18.25	18.60	0.35	3489.15
RW - 6	09/01/10	3507.45	18.27	18.70	0.43	3489.12
RW - 6	09/09/10	3507.45	18.33	18.86	0.53	3489.04
RW - 6	09/13/10	3507.45	18.18	18.45	0.27	3489.23
RW - 6	09/29/10	3507.45	18.52	18.95	0.43	3488.87
RW - 6	10/05/10	3507.45	18.19	18.47	0.28	3489.22
RW - 6	10/20/10	3507.45	18.59	19.04	0.45	3488.79
RW - 6	10/25/10	3507.45	18.58	19.07	0.49	3488.80
RW - 6	11/03/10	3507.45	18.31	18.57	0.26	3489.10
RW - 6	11/10/10	3507.45	18.58	19.19	0.61	3488.78
RW - 6	11/12/10	3507.45	18.58	19.19	0.61	3488.78
RW - 6	12/09/10	3507.45	18.21	18.52	0.31	3489.19
RW - 6	01/18/11	3507.45	18.60	19.20	0.60	3488.76
RW - 6	02/16/11	3507.45	18.56	19.23	0.67	3488.79
RW - 6	03/01/11	3507.45	18.40	19.02	0.62	3488.96
RW - 6	03/07/11	3507.45	18.39	18.99	0.60	3488.97
RW - 6	03/22/11	3507.45	18.56	19.21	0.65	3488.79
RW - 6	04/27/11	3507.45	18.51	19.01	0.50	3488.87
RW - 6	05/05/11	3507.45	18.58	19.03	0.45	3488.80
RW - 6	05/10/11	3507.45	19.01	19.05	0.04	3488.43
RW - 6	05/17/11	3507.45	18.87	19.13	0.26	3488.54
RW - 6	05/19/11	3507.45	18.87	19.13	0.26	3488.54
RW - 6	05/24/11	3507.45	18.67	19.00	0.33	3488.73
RW - 6	06/07/11	3507.45	18.79	19.08	0.29	3488.62
RW - 6	06/08/11	3507.45	18.80	18.95	0.15	3488.63
RW - 6	06/14/11	3507.45	18.85	19.10	0.25	3488.56
RW - 6	06/23/11	3507.45	18.91	19.11	0.20	3488.51
RW - 6	06/28/11	3507.45	18.85	19.09	0.24	3488.56
RW - 6	07/06/11	3507.45	18.97	19.44	0.47	3488.41
RW - 6	07/14/11	3507.45	18.69	19.39	0.70	3488.66
RW - 6	07/20/11	3507.45	19.04	19.45	0.41	3488.35
RW - 6	07/27/11	3507.45	19.12	19.45	0.33	3488.28
RW - 6	08/03/11	3507.45	19.11	19.43	0.32	3488.29
RW - 6	08/10/11	3507.45	19.10	19.31	0.21	3488.32
RW - 6	08/18/11	3507.45	19.15	19.48	0.33	3488.25
RW - 6	08/25/11	3507.45	19.24	19.60	0.36	3488.16
RW - 6	09/07/11	3507.45	19.26	19.68	0.42	3488.13
RW - 6	09/14/11	3507.45	19.28	19.76	0.48	3488.10
RW - 6	11/14/11	3507.45	19.17	19.73	0.56	3488.20
RW - 6	12/01/11	3507.45	19.18	19.94	0.76	3488.16
RW - 6	12/08/11	3507.45	19.15	19.66	0.51	3488.22
RW - 6	12/14/11	3507.45	19.21	19.82	0.61	3488.15

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 6	01/12/12	3507.45	19.12	19.63	0.51	3488.25
RW - 6	01/19/12	3507.45	19.08	19.49	0.41	3488.31
RW - 6	02/03/12	3507.45	19.02	19.57	0.55	3488.35
RW - 6	02/29/12	3507.45	18.91	19.43	0.52	3488.46
RW - 6	03/14/12	3507.45	18.88	19.33	0.45	3488.50
RW - 6	03/19/12	3507.45	18.87	19.21	0.34	3488.53
RW - 6	03/29/12	3507.45	18.83	19.19	0.36	3488.57
RW - 6	04/05/12	3507.45	18.81	19.15	0.34	3488.59
RW - 6	04/18/12	3507.45	18.77	19.06	0.29	3488.64
RW - 6	04/27/12	3507.45	18.81	19.15	0.34	3488.59
RW - 6	05/02/12	3507.45	18.82	19.13	0.31	3488.58
RW - 6	05/31/12	3507.45	18.90	19.15	0.25	3488.51
RW - 6	06/08/12	3507.45	18.83	19.43	0.60	3488.53
RW - 6	06/12/12	3507.45	18.95	19.31	0.36	3488.45
RW - 6	06/21/12	3507.45	18.90	19.40	0.50	3488.48
RW - 6	06/29/12	3507.45	18.92	19.51	0.59	3488.44
RW - 6	07/13/12	3507.45	19.14	19.58	0.44	3488.24
RW - 6	12/06/12	3507.45	20.74	20.75	0.01	3486.71
RW - 6	12/11/12	3507.45	-	20.78	0.00	3486.67
RW - 6	12/18/12	3507.45	20.72	20.73	0.01	3486.73
RW - 6	01/09/13	3507.45	-	20.68	0.00	3486.77
RW - 6	01/15/13	3507.45	19.01	19.06	0.05	3488.43
RW - 6	01/23/13	3507.45	-	20.68	0.00	3486.77
RW - 6	01/29/13	3507.45	20.63	20.64	0.01	3486.82
RW - 6	02/07/13	3507.45	-	20.66	0.00	3486.79
RW - 6	02/13/13	3507.45	-	20.72	0.00	3486.73
RW - 6	02/20/13	3507.45	-	27.50	0.00	3479.95
RW - 6	03/15/13	3507.45	-	20.61	0.00	3486.84
RW - 6	03/19/13	3507.45	-	20.68	0.00	3486.77
RW - 6	04/02/13	3507.45	-	20.65	0.00	3486.80
RW - 6	04/08/13	3507.45	-	20.46	0.00	3486.99
RW - 6	04/09/13	3507.45	-	20.59	0.00	3486.86
RW - 6	04/16/13	3507.45	-	20.56	0.00	3486.89
RW - 6	04/23/13	3507.45	-	20.59	0.00	3486.86
RW - 6	04/30/13	3507.45	-	20.56	0.00	3486.89
RW - 6	05/08/13	3507.45	-	20.55	0.00	3486.90
RW - 6	05/14/13	3507.45	-	20.53	0.00	3486.92
RW - 6	05/22/13	3507.45	-	20.45	0.00	3487.00
RW - 6	05/28/13	3507.45	-	20.56	0.00	3486.89
RW - 6	06/04/13	3507.45	-	20.67	0.00	3486.78
RW - 6	06/11/13	3507.45	-	20.61	0.00	3486.84
RW - 6	06/19/13	3507.45	-	20.61	0.00	3486.84
RW - 6	06/28/13	3507.45	-	20.84	0.00	3486.61
RW - 6	07/01/13	3507.45	-	19.83	0.00	3487.62
RW - 6	07/08/13	3507.45	-	20.89	0.00	3486.56
RW - 6	07/23/13	3507.45	-	20.89	0.00	3486.56
RW - 6	07/30/13	3507.45	-	20.84	0.00	3486.61
RW - 6	08/05/13	3507.45	-	20.84	0.00	3486.61
RW - 6	08/12/13	3507.45	-	20.80	0.00	3486.65
RW - 6	08/22/13	3507.45	-	20.96	0.00	3486.49
RW - 6	08/29/13	3507.45	-	21.02	0.00	3486.43
RW - 6	09/05/13	3507.45	-	21.01	0.00	3486.44
RW - 6	09/10/13	3507.45	-	21.07	0.00	3486.38
RW - 6	09/17/13	3507.45	-	21.10	0.00	3486.35

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 6	09/24/13	3507.45	-	21.07	0.00	3486.38
RW - 6	10/07/13	3507.45	-	21.19	0.00	3486.26
RW - 6	11/14/13	-	-	23.54	0.00	-
RW - 6	11/20/13	-	-	23.58	0.00	-
RW - 6	12/12/13	-	-	23.51	0.00	-
RW - 6	12/19/13	-	-	23.43	0.00	-
RW - 6	01/03/14	-	-	23.42	0.00	-
RW - 6	01/09/14	-	-	23.46	0.00	-
RW - 6	01/13/14	-	-	23.49	0.00	-
RW - 6	01/21/14	-	-	23.41	0.00	-
RW - 6	01/24/14	-	-	23.49	0.00	-
RW - 6	02/04/14	3512.44	-	23.40	0.00	3489.04
RW - 6	02/10/14	3512.44	-	23.42	0.00	3489.02
RW - 6	02/27/14	3512.44	-	23.38	0.00	3489.06
RW - 6	03/17/14	3512.44	-	23.31	0.00	3489.13
RW - 6	03/27/14	3512.44	-	23.29	0.00	3489.15
RW - 6	04/02/14	3512.44	-	23.31	0.00	3489.13
RW - 6	04/16/14	3512.44	-	23.23	0.00	3489.21
RW - 6	04/22/14	3512.44	-	23.19	0.00	3489.25
RW - 6	04/28/14	3512.44	-	23.24	0.00	3489.20
RW - 6	05/06/14	3512.44	-	23.16	0.00	3489.28
RW - 6	05/13/14	3512.44	-	23.20	0.00	3489.24
RW - 6	05/14/14	3512.44	-	23.17	0.00	3489.27
RW - 6	05/21/14	3512.44	-	23.16	0.00	3489.28
RW - 6	06/05/14	3512.44	-	23.25	0.00	3489.19
RW - 6	06/11/14	3512.44	-	23.31	0.00	3489.13
RW - 6	06/16/14	3512.44	-	23.40	0.00	3489.04
RW - 6	06/24/14	3512.44	-	23.50	0.00	3488.94
RW - 6	07/01/14	3512.44	-	23.57	0.00	3488.87
RW - 6	07/08/14	3512.44	-	23.63	0.00	3488.81
RW - 6	07/15/14	3512.44	-	23.65	0.00	3488.79
RW - 6	07/22/14	3512.44	-	23.71	0.00	3488.73
RW - 6	07/23/14	3512.44	-	23.71	0.00	3488.73
RW - 6	07/31/14	3512.44	-	23.74	0.00	3488.70
RW - 6	08/05/14	3512.44	-	23.76	0.00	3488.68
RW - 6	08/07/14	3512.44	-	23.75	0.00	3488.69
RW - 6	08/15/14	3512.44	-	23.79	0.00	3488.65
RW - 6	08/20/14	3512.44	-	23.80	0.00	3488.64
RW - 6	08/27/14	3512.44	-	23.82	0.00	3488.62
RW - 6	09/24/14	3512.44	-	23.06	0.00	3489.38
RW - 6	10/01/14	3512.44	-	22.74	0.00	3489.70
RW - 6	10/07/14	3512.44	-	22.65	0.00	3489.79
RW - 6	10/20/14	3512.44	-	22.60	0.00	3489.84
RW - 6	10/27/14	3512.44	-	22.59	0.00	3489.85
RW - 6	11/03/14	3512.44	-	22.62	0.00	3489.82
RW - 6	11/11/14	3512.44	-	22.60	0.00	3489.84
RW - 6	11/19/14	3512.44	-	22.57	0.00	3489.87
RW - 6	12/08/14	3512.44	-	22.59	0.00	3489.85
RW - 6	12/15/14	3512.44	-	22.62	0.00	3489.82
RW - 6	12/18/14	3512.44	-	22.56	0.00	3489.88
RW - 6	12/22/14	3512.44	-	22.56	0.00	3489.88
RW - 6	12/29/14	3512.44	-	22.62	0.00	3489.82
RW - 6	01/05/15	3512.44	-	22.63	0.00	3489.81
RW - 6	01/12/15	3512.44	-	22.65	0.00	3489.79

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 6	01/19/15	3512.44	-	22.61	0.00	3489.83
RW - 6	02/04/15	3512.44	-	22.61	0.00	3489.83
RW - 6	02/09/15	3512.44	-	22.60	0.00	3489.84
RW - 6	02/19/15	3512.44	-	22.59	0.00	3489.85
RW - 6	03/03/15	3512.44	-	22.57	0.00	3489.87
RW - 6	03/09/15	3512.44	-	22.62	0.00	3489.82
RW - 6	03/16/15	3512.44	-	22.61	0.00	3489.83
RW - 6	03/20/15	3512.44	-	22.63	0.00	3489.81
RW - 6	03/23/15	3512.44	-	22.64	0.00	3489.80
RW - 6	03/30/15	3512.44	-	22.61	0.00	3489.83
RW - 6	04/04/15	3512.44	-	22.65	0.00	3489.79
RW - 6	04/07/15	3512.44	-	22.62	0.00	3489.82
RW - 6	04/14/15	3512.44	-	22.62	0.00	3489.82
RW - 6	04/20/15	3512.44	-	22.58	0.00	3489.86
RW - 6	04/27/15	3512.44	-	22.59	0.00	3489.85
RW - 6	05/07/15	3512.44	-	22.57	0.00	3489.87
RW - 6	05/11/15	3512.44	-	22.55	0.00	3489.89
RW - 6	05/21/15	3512.44	-	22.56	0.00	3489.88
RW - 6	05/27/15	3512.44	-	22.50	0.00	3489.94
RW - 6	05/28/15	3512.44	-	22.49	0.00	3489.95
RW - 6	06/03/15	3512.44	-	22.48	0.00	3489.96
RW - 6	06/08/15	3512.44	-	22.48	0.00	3489.96
RW - 6	06/15/15	3512.44	-	22.47	0.00	3489.97
RW - 6	06/25/15	3512.44	-	22.45	0.00	3489.99
RW - 6	06/29/15	3512.44	-	22.44	0.00	3490.00
RW - 6	07/08/15	3512.44	-	22.48	0.00	3489.96
RW - 6	07/09/15	3512.44	-	22.50	0.00	3489.94
RW - 6	07/14/15	3512.44	-	22.52	0.00	3489.92
RW - 6	07/20/15	3512.44	-	22.59	0.00	3489.85
RW - 6	07/28/15	3512.44	-	22.67	0.00	3489.77
RW - 6	08/03/15	3512.44	-	22.76	0.00	3489.68
RW - 6	08/04/15	3512.44	-	22.79	0.00	3489.65
RW - 6	08/10/15	3512.44	-	22.82	0.00	3489.62
RW - 6	08/17/15	3512.44	-	22.88	0.00	3489.56
RW - 6	08/25/15	3512.44	-	22.90	0.00	3489.54
RW - 6	08/31/15	3512.44	-	22.92	0.00	3489.52
RW - 6	09/08/15	3512.44	-	22.91	0.00	3489.53
RW - 6	09/15/15	3512.44	-	22.92	0.00	3489.52
RW - 6	09/24/15	3512.44	-	23.01	0.00	3489.43
RW - 6	09/28/15	3512.44	-	23.04	0.00	3489.40
RW - 6	10/06/15	3512.44	-	23.04	0.00	3489.40
RW - 6	10/12/15	3512.44	-	22.98	0.00	3489.46
RW - 6	10/26/15	3512.44	-	22.86	0.00	3489.58
RW - 6	11/06/15	3512.44	-	22.79	0.00	3489.65
RW - 6	11/10/15	3512.44	-	22.69	0.00	3489.75
RW - 6	11/18/15	3512.44	-	22.64	0.00	3489.80
RW - 6	12/02/15	3512.44	-	22.68	0.00	3489.76
RW - 6	12/07/15	3512.44	-	22.63	0.00	3489.81
RW - 6	12/14/15	3512.44	-	22.60	0.00	3489.84
RW - 6	01/05/16	3512.44	-	22.57	0.00	3489.87
RW - 6	01/08/16	3512.44	-	22.58	0.00	3489.86
RW - 6	01/12/16	3512.44	-	22.60	0.00	3489.84
RW - 6	01/18/16	3512.44	-	22.55	0.00	3489.89
RW - 6	01/25/16	3512.44	-	22.54	0.00	3489.90

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 6	02/01/16	3512.44	-	22.46	0.00	3489.98
RW - 6	02/08/16	3512.44	-	22.53	0.00	3489.91
RW - 6	02/19/16	3512.44	-	22.48	0.00	3489.96
RW - 6	02/23/16	3512.44	-	22.46	0.00	3489.98
RW - 6	03/03/16	3512.44	-	22.49	0.00	3489.95
RW - 6	03/07/16	3512.44	-	22.44	0.00	3490.00
RW - 6	03/15/16	3512.44	-	22.42	0.00	3490.02
RW - 6	03/21/16	3512.44	-	22.45	0.00	3489.99
RW - 6	03/28/16	3512.44	-	22.42	0.00	3490.02
RW - 6	04/05/16	3512.44	-	22.32	0.00	3490.12
RW - 6	04/08/16	3512.44	-	22.41	0.00	3490.03
RW - 6	04/12/16	3512.44	-	22.41	0.00	3490.03
RW - 6	04/18/16	3512.44	-	22.40	0.00	3490.04
RW - 6	04/25/16	3512.44	-	22.33	0.00	3490.11
RW - 6	05/02/16	3512.44	-	22.32	0.00	3490.12
RW - 6	05/23/16	3512.44	-	22.33	0.00	3490.11
RW - 6	06/01/16	3512.44	-	22.44	0.00	3490.00
RW - 6	06/06/16	3512.44	-	22.39	0.00	3490.05
RW - 6	06/28/16	3512.44	-	22.56	0.00	3489.88
RW - 6	07/12/16	3512.44	-	22.78	0.00	3489.66
RW - 6	07/19/16	3512.44	-	22.86	0.00	3489.58
RW - 6	07/27/16	3512.44	-	22.93	0.00	3489.51
RW - 6	08/03/16	3512.44	-	22.96	0.00	3489.48
RW - 6	08/08/16	3512.44	-	22.97	0.00	3489.47
RW - 6	08/16/16	3512.44	-	23.07	0.00	3489.37
RW - 6	08/23/16	3512.44	-	23.10	0.00	3489.34
RW - 6	08/31/16	3512.44	-	22.83	0.00	3489.61
RW - 6	09/14/16	3512.44	-	22.25	0.00	3490.19
RW - 6	09/22/16	3512.44	-	22.06	0.00	3490.38
RW - 6	09/27/16	3512.44	-	22.25	0.00	3490.19
RW - 6	10/07/16	3512.44	-	21.92	0.00	3490.52
RW - 6	10/21/16	3512.44	-	21.90	0.00	3490.54
RW - 6	10/28/16	3512.44	-	21.95	0.00	3490.49
RW - 6	11/04/16	3512.44	-	22.02	0.00	3490.42
RW - 6	11/09/16	3512.44	-	22.00	0.00	3490.44
RW - 6	12/06/16	3512.44	-	21.93	0.00	3490.51
RW - 6	12/15/16	3512.44	-	22.26	0.00	3490.18
RW - 6	12/22/16	3512.44	-	22.19	0.00	3490.25
RW - 6	12/29/16	3512.44	-	22.09	0.00	3490.35
RW - 6	01/05/17	3512.44	-	22.32	0.00	3490.12
RW - 6	01/11/17	3512.44	-	22.28	0.00	3490.16
RW - 6	01/18/17	3512.44	-	21.99	0.00	3490.45
RW - 6	01/26/17	3512.44	-	22.05	0.00	3490.39
RW - 6	01/31/17	3512.44	-	21.97	0.00	3490.47
RW - 6	02/10/17	3512.44	-	22.04	0.00	3490.40
RW - 6	02/17/17	3512.44	-	21.96	0.00	3490.48
RW - 6	02/24/17	3512.44	-	21.99	0.00	3490.45
RW - 6	03/01/17	3512.44	-	21.97	0.00	3490.47
RW - 6	03/09/17	3512.44	-	22.04	0.00	3490.40
RW - 6	03/15/17	3512.44	-	22.01	0.00	3490.43
RW - 6	03/22/17	3512.44	-	21.94	0.00	3490.50
RW - 6	03/29/17	3512.44	-	22.18	0.00	3490.26
RW - 6	04/07/17	3512.44	-	22.10	0.00	3490.34
RW - 6	04/11/17	3512.44	-	21.92	0.00	3490.52

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 6	04/20/17	3512.44	-	21.91	0.00	3490.53
RW - 6	05/02/17	3512.44	-	21.89	0.00	3490.55
RW - 6	05/12/17	3512.44	-	20.80	0.00	3491.64
RW - 6	05/12/17	3512.44	-	21.89	0.00	3490.55
RW - 6	05/16/17	3512.44	-	21.88	0.00	3490.56
RW - 6	05/23/17	3512.44	-	21.95	0.00	3490.49
RW - 6	06/05/17	3512.44	-	22.03	0.00	3490.41
RW - 6	06/15/17	3512.44	-	22.14	0.00	3490.30
RW - 6	06/28/17	3512.44	-	22.28	0.00	3490.16
RW - 6	07/05/17	3512.44	-	22.35	0.00	3490.09
RW - 6	07/11/17	3512.44	-	22.46	0.00	3489.98
RW - 6	07/17/17	3512.44	-	22.41	0.00	3490.03
RW - 6	07/20/17	3512.44	-	22.53	0.00	3489.91
RW - 6	08/16/17	3512.44	-	23.48	0.00	3488.96
RW - 6	09/05/17	3512.44	-	22.22	0.00	3490.22
RW - 6	09/13/17	3512.44	-	22.24	0.00	3490.20
RW - 6	09/19/17	3512.44	-	22.27	0.00	3490.17
RW - 6	09/29/17	3512.44	-	22.33	0.00	3490.11
RW - 6	10/05/17	3512.44	-	22.35	0.00	3490.09
RW - 6	10/12/17	3512.44	-	22.18	0.00	3490.26
RW - 6	10/20/17	3512.44	-	22.19	0.00	3490.25
RW - 6	10/24/17	3512.44	-	22.18	0.00	3490.26
RW - 6	11/02/17	3512.44	-	22.19	0.00	3490.25
RW - 6	11/14/17	3512.44	-	22.15	0.00	3490.29
RW - 6	12/20/17	3512.44	-	22.03	0.00	3490.41
RW - 6	12/28/17	3512.44	-	22.13	0.00	3490.31
RW - 6	01/03/18	3512.44	-	22.01	0.00	3490.43
RW - 6	01/09/18	3512.44	-	21.98	0.00	3490.46
RW - 6	01/19/18	3512.44	-	21.98	0.00	3490.46
RW - 6	01/24/18	3512.44	-	22.03	0.00	3490.41
RW - 6	02/07/18	3512.44	-	22.02	0.00	3490.42
RW - 6	02/12/18	3512.44	-	21.97	0.00	3490.47
RW - 6	02/22/18	3512.44	-	21.98	0.00	3490.46
RW - 6	03/02/18	3512.44	-	21.96	0.00	3490.48
RW - 6	03/07/18	3512.44	-	21.97	0.00	3490.47
RW - 6	03/19/18	3512.44	-	21.98	0.00	3490.46
RW - 6	03/29/18	3512.44	-	21.96	0.00	3490.48
RW - 6	04/02/18	3512.44	-	21.91	0.00	3490.53
RW - 6	04/11/18	3512.44	-	21.91	0.00	3490.53
RW - 6	04/16/18	3512.44	-	21.91	0.00	3490.53
RW - 6	04/25/18	3512.44	-	21.96	0.00	3490.48
RW - 6	05/01/18	3512.44	-	21.93	0.00	3490.51
RW - 6	05/08/18	3512.44	-	21.94	0.00	3490.50
RW - 6	05/22/18	3512.44	-	22.17	0.00	3490.27
RW - 6	05/31/18	3512.44	-	22.24	0.00	3490.20
RW - 6	06/06/18	3512.44	-	22.47	0.00	3489.97
RW - 6	06/13/18	3512.44	-	21.38	0.00	3491.06
RW - 6	06/18/18	3512.44	-	22.42	0.00	3490.02
RW - 6	06/25/18	3512.44	-	22.46	0.00	3489.98
RW - 6	07/02/18	3512.44	-	22.49	0.00	3489.95
RW - 6	07/11/18	3512.44	-	22.63	0.00	3489.81
RW - 6	07/19/18	3512.44	-	22.60	0.00	3489.84
RW - 6	07/27/18	3512.44	-	22.67	0.00	3489.77
RW - 6	08/08/18	3512.44	-	22.75	0.00	3489.69

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 6	08/30/18	3512.44	-	22.84	0.00	3489.60
RW - 6	09/12/18	3512.44	-	22.84	0.00	3489.60
RW - 6	09/20/18	3512.44	-	22.77	0.00	3489.67
RW - 6	09/26/18	3512.44	-	22.78	0.00	3489.66
RW - 6	10/03/18	3512.44	-	22.73	0.00	3489.71
RW - 6	10/19/18	3512.44	-	22.74	0.00	3489.70
RW - 6	10/31/18	3512.44	-	22.62	0.00	3489.82
RW - 6	11/06/18	3512.44	-	22.60	0.00	3489.84
RW - 6	11/13/18	3512.44	-	22.78	0.00	3489.66
RW - 6	12/03/18	3512.44	-	22.51	0.00	3489.93
RW - 6	12/19/18	3512.44	-	22.46	0.00	3489.98
RW - 6	12/27/18	3512.44	-	22.39	0.00	3490.05
RW - 6	01/03/19	3512.44	-	22.38	0.00	3490.06
RW - 6	01/09/19	3512.44	-	22.32	0.00	3490.12
RW - 6	01/16/19	3512.44	-	22.39	0.00	3490.05
RW - 6	02/06/19	3512.44	-	22.40	0.00	3490.04
RW - 6	02/12/19	3512.44	-	22.38	0.00	3490.06
RW - 6	02/28/19	3512.44	-	22.43	0.00	3490.01
RW - 6	03/06/19	3512.44	-	22.33	0.00	3490.11
RW - 6	03/12/19	3512.44	-	22.36	0.00	3490.08
RW - 6	03/19/19	3512.44	-	22.37	0.00	3490.07
RW - 6	03/28/19	3512.44	-	22.26	0.00	3490.18
RW - 6	04/01/19	3512.44	-	22.36	0.00	3490.08
RW - 6	04/10/19	3512.44	-	22.30	0.00	3490.14
RW - 6	04/17/19	3512.44	-	22.25	0.00	3490.19
RW - 6	04/24/19	3512.44	-	22.23	0.00	3490.21
RW - 6	05/01/19	3512.44	-	22.20	0.00	3490.24
RW - 6	05/08/19	3512.44	-	22.32	0.00	3490.12
RW - 6	06/14/19	3512.44	-	22.60	0.00	3489.84
RW - 6	07/11/19	3512.44	-	22.64	0.00	3489.80
RW - 6	08/08/19	3512.44	-	22.89	0.00	3489.55
RW - 6	09/12/19	3512.44	-	23.02	0.00	3489.42
RW - 6	09/17/19	3512.44	-	23.01	0.00	3489.43
RW - 6	10/15/19	3512.44	-	22.89	0.00	3489.55
RW - 6	11/06/19	3512.44	-	22.85	0.00	3489.59
RW - 6	11/13/19	3512.44	-	22.76	0.00	3489.68
RW - 6	12/17/19	3512.44	-	22.55	0.00	3489.89
RW - 6	01/06/20	3512.44	-	22.50	0.00	3489.94
RW - 6	01/23/20	3512.44	-	22.50	0.00	3489.94
RW - 6	01/29/20	3512.44	-	22.45	0.00	3489.99
RW - 6	03/05/20	3512.44	-	22.47	0.00	3489.97
RW - 6	05/14/20	3512.44	-	22.15	0.00	3490.29
RW - 6	05/21/20	3512.44	-	22.19	0.00	3490.25
RW - 6	06/18/20	3512.44	-	22.53	0.00	3489.91
RW - 6	07/01/20	3512.44	-	22.71	0.00	3489.73
RW - 6	07/21/20	3512.44	-	22.85	0.00	3489.59
RW - 6	08/13/20	3512.44	-	22.97	0.00	3489.47
RW - 6	09/14/20	3512.44	-	23.08	0.00	3489.36
RW - 6	12/10/20	3512.44	-	23.22	0.00	3489.22
RW - 6	01/13/21	3512.44	-	23.17	0.00	3489.27
RW - 6	02/11/21	3512.44	-	23.15	0.00	3489.29
RW - 6	04/21/21	3512.44	-	23.06	0.00	3489.38
RW - 6	06/11/21	3512.44	-	23.09	0.00	3489.35
RW - 6	07/31/21	3512.44	-	23.08	0.00	3489.36

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
NMOCD Reference AP-17

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 6	08/31/21	3512.44	-	23.27	0.00	3489.17
RW - 6	09/23/21	3512.44	-	23.29	0.00	3489.15
RW - 6	10/14/21	3512.44	-	23.33	0.00	3489.11
RW - 6	10/28/21	3512.44	-	23.39	0.00	3489.05
RW - 6	12/06/21	3512.44	-	23.48	0.00	3488.96

Elevations based on the North American Vertical Datum of 1929.

2014 Resurvey elevations based on the North American Vertical Datum of 1988.

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 1	11/05/99	<0.001	<0.001	0.0040	<0.001	<0.001
MW - 1	03/03/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	04/11/00	<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	02/22/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	05/17/01	<0.001	<0.001	<0.001	<0.001	
MW - 1	08/08/01	<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	09/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	11/12/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	02/12/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	05/14/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	08/21/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	12/10/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 1	02/11/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 1	12/02/04	<0.005	<0.005	<0.005	<0.005	
MW - 1	3/8/2005	<0.001	<0.001	<0.001	<0.001	
MW - 1	06/08/05	Not Sampled on Current Sample Schedule				
MW - 1	09/16/05	Not Sampled on Current Sample Schedule				
MW - 1	12/12/05	<0.001	<0.001	<0.001	<0.001	
MW - 1	03/16/06	Not Sampled on Current Sample Schedule				
MW - 1	06/15/06	Not Sampled on Current Sample Schedule				
MW - 1	09/30/06	Not Sampled on Current Sample Schedule				
MW - 1	12/01/06	<0.01	<0.01	<0.01	<0.01	
MW - 1	02/27/07	Not Sampled on Current Sample Schedule				
MW - 1	05/22/07	Not Sampled on Current Sample Schedule				
MW - 1	08/15/07	Not Sampled on Current Sample Schedule				
MW - 1	11/06/07	<0.001	<0.001	<0.001	<0.001	
MW - 1	02/12/08	Not Sampled on Current Sample Schedule				
MW - 1	05/13/08	Not Sampled on Current Sample Schedule				
MW - 1	08/14/08	Not Sampled on Current Sample Schedule				
MW - 1	11/12/08	<0.001	<0.001	<0.001	<0.001	
MW - 1	02/10/09	Not Sampled on Current Sample Schedule				
MW - 1	05/12/09	Not Sampled on Current Sample Schedule				
MW - 1	08/10/09	Not Sampled on Current Sample Schedule				
MW - 1	11/17/09	<0.001	<0.001	<0.001	<0.001	
MW - 1	02/09/10	Not Sampled on Current Sample Schedule				

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 1	05/12/10	Not Sampled on Current Sample Schedule				
MW - 1	08/11/10	Not Sampled on Current Sample Schedule				
MW - 1	11/11/10	<0.001	<0.001	<0.001	<0.001	
MW - 1	02/16/11	Not Sampled on Current Sample Schedule				
MW - 1	05/19/11	Not Sampled on Current Sample Schedule				
MW - 1	08/10/11	Not Sampled on Current Sample Schedule				
MW - 1	11/16/11	<0.001	<0.001	<0.001	<0.001	
MW - 1	02/29/12	Not Sampled on Current Sample Schedule				
MW - 1	05/02/12	Not Sampled on Current Sample Schedule				
MW - 1	08/10/12	Not Sampled on Current Sample Schedule				
MW - 1	12/06/12	<0.001	<0.001	<0.001	<0.001	
MW - 1	02/13/13	Not Sampled on Current Sample Schedule				
MW - 1	05/22/13	Not Sampled on Current Sample Schedule				
MW - 1	08/13/13	Not Sampled on Current Sample Schedule				
MW - 1	11/21/13	<0.00100	<0.001	<0.001	<0.00300	
MW - 1	02/04/14	Not Sampled on Current Sample Schedule				
MW - 1	05/14/14	Not Sampled on Current Sample Schedule				
MW - 1	08/05/14	Not Sampled on Current Sample Schedule				
MW - 1	11/19/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 1	02/09/15	Not Sampled on Current Sample Schedule				
MW - 1	05/27/15	Not Sampled on Current Sample Schedule				
MW - 1	08/03/15	Not Sampled on Current Sample Schedule				
MW - 1	11/18/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 1	02/24/16	Not Sampled on Current Sample Schedule				
MW - 1	06/07/16	Not Sampled on Current Sample Schedule				
MW - 1	08/02/16	Not Sampled on Current Sample Schedule				
MW - 1	11/08/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 1	03/01/17	Not Sampled on Current Sample Schedule				
MW - 1	05/23/17	Not Sampled on Current Sample Schedule				
MW - 1	08/17/17	Not Sampled on Current Sample Schedule				
MW - 1	11/13/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 1	02/08/18	Not Sampled on Current Sample Schedule				
MW - 1	05/22/18	Not Sampled on Current Sample Schedule				
MW - 1	08/08/18	Not Sampled on Current Sample Schedule				
MW - 1	11/12/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 1	02/12/19	Not Sampled on Current Sample Schedule				
MW - 1	05/07/19	Not Sampled on Current Sample Schedule				
MW - 1	08/07/19	Not Sampled on Current Sample Schedule				
MW - 1	11/05/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 1	03/04/20	Not Sampled on Current Sample Schedule				

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 1	06/17/20	Not Sampled on Current Sample Schedule				
MW - 1	08/12/20	Not Sampled on Current Sample Schedule				
MW - 1	12/09/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 1	02/10/21	Not Sampled on Current Sample Schedule				
MW - 1	06/09/21	Not Sampled on Current Sample Schedule				
MW - 1	09/23/21	Not Sampled on Current Sample Schedule				
MW - 1	12/06/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 2	11/05/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 2	03/03/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 2	04/11/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 2	09/01/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 2	11/21/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 2	02/22/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 2	05/17/01	<0.005	<0.005	<0.005	<0.005	
MW - 2	08/08/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 2	10/24/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 2	03/27/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 2	05/14/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 2	09/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 2	11/12/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 2	02/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 2	05/14/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 2	08/21/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 2	12/10/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 2	02/11/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 2	12/02/04	<0.001	<0.001	<0.001	<0.001	
MW - 2	3/8/2005	Not Sampled on Current Sample Schedule				
MW - 2	06/08/05	Not Sampled on Current Sample Schedule				
MW - 2	09/16/05	Not Sampled on Current Sample Schedule				
MW - 2	12/12/05	<0.001	<0.001	<0.001	<0.001	
MW - 2	03/16/06	Not Sampled on Current Sample Schedule				
MW - 2	06/15/06	Not Sampled on Current Sample Schedule				
MW - 2	09/30/06	Not Sampled on Current Sample Schedule				
MW - 2	12/01/06	<0.02	<0.02	<0.02	<0.02	
MW - 2	02/27/07	Not Sampled on Current Sample Schedule				
MW - 2	05/22/07	Not Sampled on Current Sample Schedule				
MW - 2	08/15/07	Not Sampled on Current Sample Schedule				
MW - 2	11/06/07	<0.001	<0.001	<0.001	<0.001	
MW - 2	02/12/08	Not Sampled on Current Sample Schedule				

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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	05/13/08	Not Sampled on Current Sample Schedule				
MW - 2	08/14/08	Not Sampled on Current Sample Schedule				
MW - 2	11/12/08	<0.001	<0.001	<0.001	<0.001	
MW - 2	02/10/09	Not Sampled on Current Sample Schedule				
MW - 2	05/12/09	Not Sampled on Current Sample Schedule				
MW - 2	08/10/09	Not Sampled on Current Sample Schedule				
MW - 2	11/17/09	<0.001	<0.001	<0.001	<0.001	
MW - 2	02/09/10	Not Sampled on Current Sample Schedule				
MW - 2	05/12/10	Not Sampled on Current Sample Schedule				
MW - 2	08/11/10	Not Sampled on Current Sample Schedule				
MW - 2	11/11/10	<0.001	<0.001	<0.001	<0.001	
MW - 2	02/16/11	Not Sampled on Current Sample Schedule				
MW - 2	05/19/11	Not Sampled on Current Sample Schedule				
MW - 2	08/10/11	Not Sampled on Current Sample Schedule				
MW - 2	11/16/11	<0.001	<0.001	<0.001	<0.001	
MW - 2	02/29/12	Not Sampled on Current Sample Schedule				
MW - 2	05/02/12	Not Sampled on Current Sample Schedule				
MW - 2	08/10/12	Not Sampled on Current Sample Schedule				
MW - 2	12/06/12	<0.001	<0.001	<0.001	<0.001	
MW - 2	02/13/13	Not Sampled on Current Sample Schedule				
MW - 2	05/22/13	Not Sampled on Current Sample Schedule				
MW - 2	08/13/13	Not Sampled on Current Sample Schedule				
MW - 2	11/21/13	<0.001	<0.001	<0.001	<0.00300	
MW - 2	02/04/14	Not Sampled on Current Sample Schedule				
MW - 2	05/14/14	Not Sampled on Current Sample Schedule				
MW - 2	08/05/14	Not Sampled on Current Sample Schedule				
MW - 2	11/19/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 2	02/09/15	Not Sampled on Current Sample Schedule				
MW - 2	05/27/15	Not Sampled on Current Sample Schedule				
MW - 2	08/03/15	Not Sampled on Current Sample Schedule				
MW - 2	11/18/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 2	02/24/16	Not Sampled on Current Sample Schedule				
MW - 2	06/07/16	Not Sampled on Current Sample Schedule				
MW - 2	08/02/16	Not Sampled on Current Sample Schedule				
MW - 2	11/08/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 2	03/01/17	Not Sampled on Current Sample Schedule				
MW - 2	05/23/17	Not Sampled on Current Sample Schedule				
MW - 2	08/17/17	Not Sampled on Current Sample Schedule				
MW - 2	11/14/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 2	02/08/18	Not Sampled on Current Sample Schedule				

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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	05/22/18	Not Sampled on Current Sample Schedule				
MW - 2	08/08/18	Not Sampled on Current Sample Schedule				
MW - 2	11/12/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 2	02/12/19	Not Sampled on Current Sample Schedule				
MW - 2	05/07/19	Not Sampled on Current Sample Schedule				
MW - 2	08/07/19	Not Sampled on Current Sample Schedule				
MW - 2	11/06/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 2	03/04/20	Not Sampled on Current Sample Schedule				
MW - 2	06/17/20	Not Sampled on Current Sample Schedule				
MW - 2	08/12/20	Not Sampled on Current Sample Schedule				
MW - 2	12/09/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 2	02/10/21	Not Sampled on Current Sample Schedule				
MW - 2	06/09/21	Not Sampled on Current Sample Schedule				
MW - 2	09/23/21	Not Sampled on Current Sample Schedule				
MW - 2	12/06/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 3	11/05/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 3	03/03/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 3	04/11/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 3	09/01/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 3	11/21/00	<0.001	<0.001	<0.001		<0.001
MW - 3	02/22/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 3	05/17/01	<0.001	<0.001	<0.001	<0.001	
MW - 3	08/08/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 3	10/24/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 3	03/27/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 3	05/14/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 3	09/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 3	11/12/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 3	02/12/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 3	05/14/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 3	08/21/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 3	12/10/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 3	02/11/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 3	12/02/04	<0.001	<0.001	<0.001	<0.001	
MW - 3	3/8/2005	Not Sampled on Current Sample Schedule				
MW - 3	06/08/05	Not Sampled on Current Sample Schedule				
MW - 3	09/16/05	Not Sampled on Current Sample Schedule				
MW - 3	12/12/05	<0.001	<0.001	<0.001	<0.001	
MW - 3	03/16/06	Not Sampled on Current Sample Schedule				

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 3	06/15/06	Not Sampled on Current Sample Schedule				
MW - 3	09/30/06	Not Sampled on Current Sample Schedule				
MW - 3	12/01/06	<0.02	<0.02	<0.02	0.0466	
MW - 3	02/27/07	Not Sampled on Current Sample Schedule				
MW - 3	05/22/07	Not Sampled on Current Sample Schedule				
MW - 3	08/15/07	Not Sampled on Current Sample Schedule				
MW - 3	11/06/07	<0.001	<0.001	<0.001	<0.001	
MW - 3	02/12/08	Not Sampled on Current Sample Schedule				
MW - 3	05/13/08	Not Sampled on Current Sample Schedule				
MW - 3	08/14/08	Not Sampled on Current Sample Schedule				
MW - 3	11/12/08	<0.001	<0.001	<0.001	<0.001	
MW - 3	02/10/09	Not Sampled on Current Sample Schedule				
MW - 3	05/12/09	Not Sampled on Current Sample Schedule				
MW - 3	08/10/09	Not Sampled on Current Sample Schedule				
MW - 3	11/17/09	<0.001	<0.001	<0.001	<0.001	
MW - 3	02/09/10	Not Sampled on Current Sample Schedule				
MW - 3	05/12/10	Not Sampled on Current Sample Schedule				
MW - 3	08/11/10	Not Sampled on Current Sample Schedule				
MW - 3	11/11/10	<0.001	<0.001	<0.001	<0.001	
MW - 3	02/16/11	Not Sampled on Current Sample Schedule				
MW - 3	05/19/11	Not Sampled on Current Sample Schedule				
MW - 3	08/10/11	Not Sampled on Current Sample Schedule				
MW - 3	11/16/11	<0.001	<0.001	<0.001	<0.001	
MW - 3	02/29/12	Not Sampled on Current Sample Schedule				
MW - 3	05/02/12	Not Sampled on Current Sample Schedule				
MW - 3	08/10/12	Not Sampled on Current Sample Schedule				
MW - 3	12/06/12	<0.001	<0.001	<0.001	<0.001	
MW - 3	02/13/13	Not Sampled on Current Sample Schedule				
MW - 3	05/22/13	Not Sampled on Current Sample Schedule				
MW - 3	08/13/13	Not Sampled on Current Sample Schedule				
MW - 3	11/21/13	<0.001	<0.001	<0.001	<0.00300	
MW - 3	02/04/14	Not Sampled on Current Sample Schedule				
MW - 3	05/14/14	Not Sampled on Current Sample Schedule				
MW - 3	08/05/14	Not Sampled on Current Sample Schedule				
MW - 3	11/19/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 3	02/09/15	Not Sampled on Current Sample Schedule				
MW - 3	05/27/15	Not Sampled on Current Sample Schedule				
MW - 3	08/03/15	Not Sampled on Current Sample Schedule				
MW - 3	11/18/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 3	02/24/16	Not Sampled on Current Sample Schedule				

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 3	06/07/16	Not Sampled on Current Sample Schedule				
MW - 3	08/02/16	Not Sampled on Current Sample Schedule				
MW - 3	11/08/16	<0.00500	<0.00500	<0.00500	<0.00500	
MW - 3	03/01/17	Not Sampled on Current Sample Schedule				
MW - 3	05/23/17	Not Sampled on Current Sample Schedule				
MW - 3	08/17/17	Not Sampled on Current Sample Schedule				
MW - 3	11/14/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 3	02/08/18	Not Sampled on Current Sample Schedule				
MW - 3	05/22/18	Not Sampled on Current Sample Schedule				
MW - 3	08/08/18	Not Sampled on Current Sample Schedule				
MW - 3	11/12/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 3	02/12/19	Not Sampled on Current Sample Schedule				
MW - 3	05/07/19	Not Sampled on Current Sample Schedule				
MW - 3	08/07/19	Not Sampled on Current Sample Schedule				
MW - 3	11/06/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 3	03/04/20	Not Sampled on Current Sample Schedule				
MW - 3	06/17/20	Not Sampled on Current Sample Schedule				
MW - 3	08/12/20	Not Sampled on Current Sample Schedule				
MW - 3	12/09/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 3	02/10/21	Not Sampled on Current Sample Schedule				
MW - 3	06/09/21	Not Sampled on Current Sample Schedule				
MW - 3	09/23/21	Not Sampled on Current Sample Schedule				
MW - 3	12/06/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 4	3/8/2005	Not Sampled Due to PSH in Well				
MW - 4	06/08/05	Not Sampled Due to PSH in Well				
MW - 4	09/16/05	Not Sampled Due to PSH in Well				
MW - 4	12/12/05	Not Sampled Due to PSH in Well				
MW - 4	03/16/06	Not Sampled Due to PSH in Well				
MW - 4	06/15/06	Not Sampled Due to PSH in Well				
MW - 4	09/30/06	Not Sampled Due to PSH in Well				
MW - 4	12/01/06	Not Sampled Due to PSH in Well				
MW - 4	02/27/07	Not Sampled Due to PSH in Well				
MW - 4	05/22/07	Not Sampled Due to PSH in Well				
MW - 4	08/15/07	Not Sampled Due to PSH in Well				
MW - 4	11/06/07	Not Sampled Due to PSH in Well				
MW - 4	02/12/08	Not Sampled Due to PSH in Well				
MW - 4	05/13/08	Not Sampled Due to PSH in Well				
MW - 4	08/14/08	Not Sampled Due to PSH in Well				
MW - 4	11/12/08	0.8060	0.515	0.4430	0.4920	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 4	02/10/09	Not Sampled Due to PSH in Well				
MW - 4	05/12/09	Not Sampled Due to PSH in Well				
MW - 4	08/10/09	Not Sampled Due to PSH in Well				
MW - 4	11/18/09	1.540	0.202	0.5050	0.5240	
MW - 4	02/09/10	Not Sampled Due to PSH in Well				
MW - 4	05/12/10	Not Sampled Due to PSH in Well				
MW - 4	08/11/10	Not Sampled Due to PSH in Well				
MW - 4	11/11/10	Not Sampled Due to PSH in Well				
MW - 4	02/16/11	Not Sampled Due to PSH in Well				
MW - 4	05/19/11	Not Sampled Due to PSH in Well				
MW - 4	08/10/11	Not Sampled Due to PSH in Well				
MW - 4	11/16/11	Not Sampled Due to PSH in Well				
MW - 4	02/29/12	Not Sampled Due to PSH in Well				
MW - 4	05/02/12	Not Sampled Due to PSH in Well				
MW - 4	08/10/12	Not Sampled Due to Site Excavation				
MW - 4	12/07/12	Not Sampled Due to PSH in Well				
MW - 4	02/13/13	Not Sampled Due to PSH in Well				
MW - 4	05/22/13	Not Sampled Due to PSH in Well				
MW - 4	08/13/13	Not Sampled Due to PSH in Well				
MW - 4	11/21/13	Not Sampled Due to PSH in Well				
MW - 4	02/04/14	Not Sampled Due to PSH in Well				
MW - 4	05/14/14	Not Sampled Due to PSH in Well				
MW - 4	08/05/14	Not Sampled Due to PSH in Well				
MW - 4	11/19/14	Not Sampled Due to PSH in Well				
MW - 4	02/09/15	Not Sampled Due to PSH in Well				
MW - 4	05/27/15	1.19	<0.0500	0.184	0.113	
MW - 4	08/03/15	1.77	0.0600	0.218	0.132	
MW - 4	11/19/15	0.606	<0.0500	0.0869	<0.0500	
MW - 4	02/24/16	1.02	<0.0500	0.371	0.329	
MW - 4	06/07/16	1.11	<0.0500	0.259	0.0921	
MW - 4	08/03/16	0.447	<0.0500	0.346	0.111	
MW - 4	12/02/16	0.334	<0.0500	0.085	<0.0500	
MW - 4	03/01/17	1.53	<0.100	0.394	0.380	
MW - 4	05/23/17	0.399	0.00375	0.124	0.0593	
MW - 4	08/17/17	1.90	0.332	0.364	0.809	
MW - 4	11/14/17	1.60	0.00288	0.0627	0.0379	
MW - 4	02/08/18	1.49	<0.0400	0.0448	0.1218	
MW - 4	05/22/18	0.480	<0.0500	0.0344	<0.100	
MW - 4	08/08/18	0.400	<0.0100	0.0322	0.0440	
MW - 4	11/13/18	0.346	<0.0100	0.0248	0.0337	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 4	02/13/19	0.761	<0.00500	0.0120	0.0158	
MW - 4	05/08/19	0.906	<0.00500	0.0180	<0.0100	
MW - 4	08/08/19	0.672	0.00610	0.0389	0.08545	
MW - 4	11/13/19	0.305	<0.00100	0.0340	0.0567	
MW - 4	03/05/20	1.18	0.0853	0.146	0.421	
MW - 4	06/18/20	0.530	0.0624	0.0990	0.3546	
MW - 4	08/13/20	0.566	0.00960	0.0306	0.06275	
MW - 4	12/10/20	0.916	0.0390	0.0791	0.1303	
MW - 4	02/11/21	0.865	0.0110	0.0226	0.0456	
MW - 4	06/11/21	1.86	0.00625	0.0148	0.0395	
MW - 4	09/23/21	Not Sampled Due to PSH in Well				
MW - 4	12/06/21	3.28	0.00835	0.0173	0.0610	
MW - 5	02/12/03	0.0170	<0.001	0.0860	0.0270	<0.001
MW - 5	05/14/03	0.0550	<0.001	0.0200	0.0460	<0.001
MW - 5	08/21/03	0.0180	<0.001	0.0090	0.0100	<0.001
MW - 5	12/10/03	0.0140	<0.001	0.0170	0.0050	<0.001
MW - 5	02/11/04	0.0310	<0.001	0.0520	0.0290	<0.001
MW - 5	05/11/04	0.0011	<0.001	<0.001	<0.002	<0.001
MW - 5	08/24/04	0.0433	<0.001	0.0987	0.0689	0.002
MW - 5	12/03/04	<0.001	<0.001	<0.001	<0.001	
MW - 5	3/8/2005	0.0157	<0.005	0.0071	<0.005	
MW - 5	06/08/05	0.0113	<0.01	<0.01	<0.01	
MW - 5	09/16/05	0.0052	<0.001	<0.001	0.0027	
MW - 5	12/12/05	0.0093	<0.001	<0.001	0.0030	
MW - 5	03/16/06	0.0161	<0.005	0.0096	<0.005	
MW - 5	06/15/06	0.0077	<0.005	<0.005	<0.005	
MW - 5	09/30/06	<0.001	<0.001	0.0090	0.0097	
MW - 5	12/01/06	0.3580	<0.01	0.1300	<0.01	
MW - 5	02/27/07	<0.02	<0.02	<0.02	<0.02	
MW - 5	05/22/07	<0.005	<0.005	<0.005	<0.005	
MW - 5	08/15/07	<0.1	<0.1	<0.1	<0.1	
MW - 5	11/06/07	0.0052	<0.001	<0.001	<0.001	
MW - 5	02/12/08	0.0210	0.0012	0.0077	0.0082	
MW - 5	05/13/08	0.0126	<0.001	<0.001	0.0012	
MW - 5	08/14/08	Not Sampled Due to PSH in Well				
MW - 5	11/12/08	0.0074	<0.001	<0.001	0.0033	
MW - 5	02/10/09	<0.005	<0.005	<0.005	<0.005	
MW - 5	05/12/09	0.0126	<0.001	<0.001	<0.001	
MW - 5	08/10/09	0.1190	<0.001	<0.001	0.0286	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 5	11/18/09	0.1320	<0.001	0.0045	0.0222	
MW - 5	02/09/10	0.0696	<0.001	0.0058	0.0138	
MW - 5	05/12/10	0.0173	<0.001	0.0051	<0.001	
MW - 5	08/11/10	<0.100	<0.100	<0.100	<0.100	
MW - 5	11/11/10	<0.005	<0.005	<0.005	<0.005	
MW - 5	02/16/11	0.0477	<0.001	0.0166	0.0402	
MW - 5	05/19/11	0.0429	<0.001	<0.001	<0.001	
MW - 5	08/10/11	0.0722	<0.001	0.0078	0.0136	
MW - 5	11/16/11	0.1030	<0.001	0.0135	0.0135	
MW - 5	02/29/12	0.1040	<0.001	0.0404	0.0422	
MW - 5	05/02/12	0.0804	<0.001	0.0206	0.0259	
MW - 5	08/10/12	Not Sampled due to Site Excavation				
MW - 5	12/06/12	0.0295	<0.001	<0.001	<0.001	
MW - 5	02/13/13	0.0946	<0.005	<0.005	<0.005	
MW - 5	05/22/13	0.0476	<0.00500	<0.005	<0.005	
MW - 5	08/13/13	0.0416	<0.00500	<0.00500	<0.005	
MW - 5	11/21/13	0.0532	<0.00100	0.00660	<0.00300	
MW - 5	02/04/14	0.104	<0.0500	<0.0500	<0.150	
MW - 5	05/14/14	0.0415	<0.00100	0.00950	<0.00300	
MW - 5	08/05/14	0.1080	<0.00100	0.01720	0.0043	
MW - 5	11/20/14	0.2130	<0.0500	<0.0500	<0.0500	
MW - 5	02/09/15	0.0746	<0.0500	<0.0500	<0.0500	
MW - 5	05/27/15	<0.0500	<0.0500	<0.0500	<0.0500	
MW - 5	08/03/15	0.00700	<0.00100	0.00110	0.00120	
MW - 5	11/18/15	0.0724	<0.00100	0.0101	0.00550	
MW - 5	02/24/16	0.00650	<0.00100	0.00340	0.00450	
MW - 5	06/07/16	0.01720	<0.00100	0.00200	0.00240	
MW - 5	08/03/16	0.0251	<0.00500	<0.00500	<0.00500	
MW - 5	11/08/16	0.00620	<0.00500	<0.00500	<0.00500	
MW - 5	03/01/17	0.00427	<0.00200	<0.00200	0.00401	
MW - 5	05/23/17	0.0147	<0.00200	<0.00200	0.00370	
MW - 5	08/17/17	0.0189	<0.00200	<0.00200	<0.00400	
MW - 5	11/14/17	0.00774	<0.00200	<0.00200	<0.00400	
MW - 5	02/08/18	0.00414	<0.00200	<0.00200	<0.00200	
MW - 5	05/21/18	0.00461	<0.0100	<0.00500	<0.0200	
MW - 5	08/08/18	0.00904	<0.0100	<0.00500	<0.0200	
MW - 5	11/13/18	0.0219	<0.0100	<0.00500	<0.0200	
MW - 5	02/13/19	0.00276	<0.00100	<0.00100	<0.00200	
MW - 5	05/08/19	0.00359	<0.00100	<0.00100	<0.00200	
MW - 5	08/08/19	0.00864	<0.00100	<0.00100	<0.00200	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 5	11/13/19	0.00751	<0.00100	<0.00100	<0.00200	
MW - 5	03/04/20	0.00664	<0.00100	0.00179	0.00442	
MW - 5	06/18/20	0.00376	<0.00500	<0.00500	0.01489	
MW - 5	08/13/20	0.00916	0.00144	0.00538	0.01000	
MW - 5	12/09/20	0.0108	0.00164	<0.00100	0.00375	
MW - 5	02/11/21	0.0318	0.00192	0.00369	<0.00200	
MW - 5	06/11/21	0.0278	0.00204	0.00384	0.00965	
MW - 5	09/23/21	0.0109	<0.00100	0.00210	<0.00200	
MW - 5	12/07/21	0.00337	0.00105	<0.00100	<0.00200	
MW - 6	12/03/04	0.0334	<0.0100	0.0310	0.0243	
MW - 6	03/08/05	0.0260	<0.01	0.0414	0.0315	
MW - 6	06/08/05	<0.005	<0.005	<0.005	<0.005	
MW - 6	09/16/05	Not Sampled Due to PSH in Well				
MW - 6	12/12/05	Not Sampled Due to PSH in Well				
MW - 6	03/16/06	Not Sampled Due to PSH in Well				
MW - 6	06/15/06	Not Sampled Due to PSH in Well				
MW - 6	09/30/06	Not Sampled Due to PSH in Well				
MW - 6	12/01/06	Not Sampled Due to PSH in Well				
MW - 6	02/27/07	Not Sampled Due to PSH in Well				
MW - 6	05/22/07	Not Sampled Due to PSH in Well				
MW - 6	08/15/07	Not Sampled Due to PSH in Well				
MW - 6	11/06/07	Not Sampled Due to PSH in Well				
MW - 6	02/12/08	Not Sampled Due to PSH in Well				
MW - 6	05/13/08	Not Sampled Due to PSH in Well				
MW - 6	08/14/08	Not Sampled Due to PSH in Well				
MW - 6	11/12/08	0.0991	0.223	0.0810	0.1910	
MW - 6	02/10/09	Not Sampled Due to PSH in Well				
MW - 6	05/12/09	0.0436	<0.005	0.0363	<0.005	
MW - 6	08/10/09	0.0162	<0.001	0.0091	<0.001	
MW - 6	11/18/09	0.0083	<0.001	0.0012	<0.001	
MW - 6	02/09/10	0.0169	<0.001	0.0067	0.0036	
MW - 6	05/13/10	0.0079	<0.001	0.0047	<0.001	
MW - 6	08/11/10	<0.100	<0.100	<0.100	<0.100	
MW - 6	11/11/10	0.0255	<0.005	<0.005	<0.005	
MW - 6	02/16/11	0.0595	<0.005	<0.005	<0.005	
MW - 6	05/19/11	0.0689	<0.005	<0.005	<0.005	
MW - 6	08/10/11	0.0189	<0.001	<0.001	<0.001	
MW - 6	11/16/11	0.0176	<0.001	<0.001	<0.001	
MW - 6	02/29/12	0.0270	<0.001	0.0101	<0.001	

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HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
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TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 6	05/02/12	Not Sampled				
MW - 6	08/10/12	Not Sampled due to Site Excavation				
MW - 6	12/07/12	Not Sampled Due to PSH in Well				
MW - 6	02/13/13	Not Sampled Due to PSH in Well				
MW - 6	05/22/13	Not Sampled Due to PSH in Well				
MW - 6	08/13/13	Not Sampled Due to PSH in Well				
MW - 6	11/21/13	Not Sampled Due to PSH in Well				
MW - 6	02/04/14	Not Sampled Due to PSH in Well				
MW - 6	05/14/14	Not Sampled Due to PSH in Well				
MW - 6	08/05/14	Not Sampled Due to PSH in Well				
MW - 6	11/19/14	Not Sampled Due to PSH in Well				
MW - 6	02/09/15	Not Sampled Due to PSH in Well				
MW - 6	05/27/15	0.0190	<0.00100	<0.00100	0.00150	
MW - 6	08/04/15	0.00900	<0.00100	0.00160	<0.00100	
MW - 6	11/19/15	0.00470	<0.00100	<0.00100	<0.00100	
MW - 6	02/24/16	0.0216	<0.00100	0.00210	0.00420	
MW - 6	06/07/16	0.0178	<0.00100	<0.00100	<0.00100	
MW - 6	08/03/16	0.0117	<0.00100	<0.00100	0.00140	
MW - 6	11/08/16	0.00610	<0.00500	<0.00500	<0.00500	
MW - 6	03/01/17	0.0188	<0.00200	<0.00200	<0.00200	
MW - 6	05/23/17	0.0299	<0.00200	<0.00200	<0.00400	
MW - 6	08/17/17	0.0521	<0.00200	<0.00200	<0.00400	
MW - 6	11/14/17	0.0297	<0.00200	<0.00200	<0.00400	
MW - 6	02/08/18	0.0459	<0.00200	<0.00200	<0.00400	
MW - 6	05/22/18	0.0176	<0.0100	<0.00500	<0.0200	
MW - 6	08/08/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 6	11/13/18	0.00697	<0.0100	<0.00500	<0.0200	
MW - 6	02/13/19	0.0220	0.00105	0.00253	0.00699	
MW - 6	05/08/19	0.00924	<0.00100	<0.00100	<0.00200	
MW - 6	08/08/19	0.0128	<0.00100	<0.00100	<0.00200	
MW - 6	11/13/19	0.00685	<0.00100	<0.00100	<0.00200	
MW - 6	03/04/20	0.0260	0.00254	0.00694	0.01916	
MW - 6	06/18/20	0.0411	0.00554	0.00877	0.0320	
MW - 6	08/13/20	0.0333	0.00435	0.00539	0.02008	
MW - 6	12/10/20	0.0284	0.00520	<0.00100	0.02118	
MW - 6	02/11/21	0.0305	0.00711	0.0296	0.01598	
MW - 6	06/10/21	0.0366	0.00500	0.00569	0.02246	
MW - 6	09/23/21	0.0302	0.00312	0.00398	0.0238	
MW - 6	12/06/21	0.0209	0.00254	<0.00100	0.00359	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 7	03/08/05	1.5500	<0.1	0.1450	<0.1	
MW - 7	06/08/05	0.8100	<0.1	<0.1	<0.1	
MW - 7	09/16/05	Not Sampled Due to PSH in Well				
MW - 7	12/12/05	Not Sampled Due to PSH in Well				
MW - 7	03/16/06	Not Sampled Due to PSH in Well				
MW - 7	06/15/06	Not Sampled Due to PSH in Well				
MW - 7	09/30/06	Not Sampled Due to PSH in Well				
MW - 7	12/01/06	Not Sampled Due to PSH in Well				
MW - 7	02/27/07	Not Sampled Due to PSH in Well				
MW - 7	05/22/07	Not Sampled Due to PSH in Well				
MW - 7	08/15/07	Not Sampled Due to PSH in Well				
MW - 7	11/06/07	Not Sampled Due to PSH in Well				
MW - 7	02/12/08	Not Sampled Due to PSH in Well				
MW - 7	05/13/08	Not Sampled Due to PSH in Well				
MW - 7	08/14/08	Not Sampled Due to PSH in Well				
MW - 7	11/12/08	0.527	0.185	0.1390	0.1780	
MW - 7	02/10/09	Not Sampled Due to PSH in Well				
MW - 7	05/12/09	Not Sampled Due to PSH in Well				
MW - 7	08/10/09	Not Sampled Due to PSH in Well				
MW - 7	11/18/09	0.761	<0.005	0.1090	0.0574	
MW - 7	02/09/10	Not Sampled Due to PSH in Well				
MW - 7	05/13/10	Not Sampled Due to PSH in Well				
MW - 7	08/11/10	Not Sampled Due to PSH in Well				
MW - 7	11/11/10	Not Sampled Due to PSH in Well				
MW - 7	02/16/11	Not Sampled Due to PSH in Well				
MW - 7	05/19/11	Not Sampled Due to PSH in Well				
MW - 7	08/10/11	Not Sampled Due to PSH in Well				
MW - 7	11/16/11	Not Sampled Due to PSH in Well				
MW - 7	02/29/12	Not Sampled Due to PSH in Well				
MW - 7	05/02/12	Not Sampled Due to PSH in Well				
MW - 7	08/10/12	Not Sampled Due to PSH in Well				
MW - 7	12/07/12	Not Sampled Due to PSH in Well				
MW - 7	02/13/13	Not Sampled Due to PSH in Well				
MW - 7	05/22/13	Not Sampled Due to PSH in Well				
MW - 7	08/13/13	Not Sampled Due to PSH in Well				
MW - 7	11/21/13	Not Sampled Due to PSH in Well				
MW - 7	02/04/14	Not Sampled Due to PSH in Well				
MW - 7	05/14/14	Not Sampled Due to PSH in Well				
MW - 7	08/05/14	Not Sampled Due to PSH in Well				
MW - 7	11/19/14	Not Sampled Due to PSH in Well				

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 7	02/09/15	Not Sampled Due to PSH in Well				
MW - 7	05/27/15	Not Sampled Due to PSH in Well				
MW - 7	08/03/15	Not Sampled Due to PSH in Well				
MW - 7	11/19/15	Not Sampled Due to PSH in Well				
MW - 7	02/24/16	Not Sampled Due to PSH in Well				
MW - 7	06/07/16	Not Sampled Due to PSH in Well				
MW - 7	08/03/16	Not Sampled Due to PSH in Well				
MW - 7	11/08/16	Not Sampled Due to PSH in Well				
MW - 7	03/01/17	Not Sampled Due to PSH in Well				
MW - 7	05/24/17	Not Sampled Due to PSH in Well				
MW - 7	08/16/17	Not Sampled Due to PSH in Well				
MW - 7	11/14/17	Not Sampled Due to PSH in Well				
MW - 7	02/08/18	Not Sampled Due to PSH in Well				
MW - 7	05/22/18	Not Sampled Due to PSH in Well				
MW - 7	08/08/18	0.287	<0.0100	0.0337	<0.0200	
MW - 7	11/13/18	0.346	<0.0100	0.0789	0.0945	
MW - 7	02/13/19	0.441	<0.00500	0.0578	0.0218	
MW - 7	05/08/19	0.161	<0.00100	0.0371	0.01551	
MW - 7	08/08/19	0.368	<0.00100	0.0825	0.0336	
MW - 7	11/13/19	0.296	<0.00100	0.122	0.0757	
MW - 7	03/05/20	0.371	0.0382	0.226	0.378	
MW - 7	06/18/20	Not Sampled Due to PSH in Well				
MW - 7	08/12/20	Not Sampled Due to PSH in Well				
MW - 7	12/09/20	Not Sampled Due to PSH in Well				
MW - 7	02/11/21	Not Sampled Due to PSH in Well				
MW - 7	06/11/21	Not Sampled Due to PSH in Well				
MW - 7	09/23/21	Not Sampled Due to PSH in Well				
MW - 7	12/07/21	0.297	<0.00100	0.0132	0.00725	
MW - 8	03/08/05	Not Sampled Due to PSH in Well				
MW - 8	06/08/05	Not Sampled Due to PSH in Well				
MW - 8	09/16/05	Not Sampled Due to PSH in Well				
MW - 8	12/12/05	Not Sampled Due to PSH in Well				
MW - 8	03/16/06	Not Sampled Due to PSH in Well				
MW - 8	06/15/06	Not Sampled Due to PSH in Well				
MW - 8	09/30/06	Not Sampled Due to PSH in Well				
MW - 8	12/01/06	Not Sampled Due to PSH in Well				
MW - 8	02/27/07	Not Sampled Due to PSH in Well				
MW - 8	05/22/07	Not Sampled Due to PSH in Well				
MW - 8	08/15/07	Not Sampled Due to PSH in Well				

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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	11/06/07	Not Sampled Due to PSH in Well				
MW - 8	02/12/08	Not Sampled Due to PSH in Well				
MW - 8	05/13/08	Not Sampled Due to PSH in Well				
MW - 8	08/14/08	Not Sampled Due to PSH in Well				
MW - 8	11/12/08	0.238	0.154	0.147	0.159	
MW - 8	02/10/09	Not Sampled Due to PSH in Well				
MW - 8	05/12/09	Not Sampled Due to PSH in Well				
MW - 8	08/10/09	Not Sampled Due to PSH in Well				
MW - 8	11/18/09	0.222	0.0121	0.258	0.175	
MW - 8	02/09/10	Not Sampled Due to PSH in Well				
MW - 8	05/13/10	Not Sampled Due to PSH in Well				
MW - 8	08/11/10	Not Sampled Due to PSH in Well				
MW - 8	11/11/10	Not Sampled Due to PSH in Well				
MW - 8	02/16/11	Not Sampled Due to PSH in Well				
MW - 8	05/19/11	Not Sampled Due to PSH in Well				
MW - 8	08/10/11	Not Sampled Due to PSH in Well				
MW - 8	11/16/11	Not Sampled Due to PSH in Well				
MW - 8	02/29/12	Not Sampled Due to PSH in Well				
MW - 8	05/02/12	Not Sampled Due to PSH in Well				
MW - 8	08/10/12	Not Sampled Due to PSH in Well				
MW - 8	12/07/12	Not Sampled Due to PSH in Well				
MW - 8	02/13/13	Not Sampled Due to PSH in Well				
MW - 8	05/22/13	Not Sampled Due to PSH in Well				
MW - 8	08/13/13	Not Sampled Due to PSH in Well				
MW - 8	11/21/13	Not Sampled Due to PSH in Well				
MW - 8	02/04/14	Not Sampled Due to PSH in Well				
MW - 8	05/14/14	Not Sampled Due to PSH in Well				
MW - 8	08/05/14	Not Sampled Due to PSH in Well				
MW - 8	11/19/14	Not Sampled Due to PSH in Well				
MW - 8	02/09/15	Not Sampled Due to PSH in Well				
MW - 8	05/27/15	Not Sampled Due to PSH in Well				
MW - 8	08/03/15	Not Sampled Due to PSH in Well				
MW - 8	11/19/15	Not Sampled Due to PSH in Well				
MW - 8	02/24/16	Not Sampled Due to PSH in Well				
MW - 8	06/07/16	Not Sampled Due to PSH in Well				
MW - 8	08/03/16	Not Sampled Due to PSH in Well				
MW - 8	11/08/16	Not Sampled Due to PSH in Well				
MW - 8	03/01/17	Not Sampled Due to PSH in Well				
MW - 8	05/24/17	Not Sampled Due to PSH in Well				
MW - 8	08/17/17	Not Sampled Due to PSH in Well				

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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	11/14/17	Not Sampled Due to PSH in Well				
MW - 8	02/08/18	0.165	0.00866	0.0563	0.05706	
MW - 8	05/22/18	0.164	<0.0100	0.140	0.1191	
MW - 8	08/08/18	0.0545	<0.0100	0.0262	0.0244	
MW - 8	11/13/18	0.166	<0.0100	<0.00500	<0.0200	
MW - 8	02/13/19	0.161	0.00668	0.145	0.1378	
MW - 8	05/08/19	0.116	0.00209	0.0879	0.06030	
MW - 8	08/08/19	0.133	0.0212	0.376	0.415	
MW - 8	11/13/19	0.148	<0.00100	0.166	0.1503	
MW - 8	03/05/20	0.102	0.0356	0.201	0.407	
MW - 8	06/18/20	0.241	0.212	0.519	1.235	
MW - 8	08/13/20	0.152	0.0334	0.180	0.2423	
MW - 8	12/09/20	Not Sampled Due to PSH in Well				
MW - 8	02/11/21	Not Sampled Due to PSH in Well				
MW - 8	06/11/21	Not Sampled Due to PSH in Well				
MW - 8	09/23/21	Not Sampled Due to PSH in Well				
MW - 8	12/07/21	Not Sampled Due to PSH in Well				
MW - 9	02/12/03	0.1210	<0.001	0.0970	0.0040	<0.001
MW - 9	05/14/03	0.0720	<0.001	0.1240	0.0040	0.006
MW - 9	08/21/03	0.0430	<0.001	0.0940	0.0050	<0.001
MW - 9	12/10/03	0.0090	<0.001	0.0300	<0.002	<0.001
MW - 9	02/11/04	0.0100	<0.001	0.0240	<0.002	<0.001
MW - 9	05/11/04	0.0195	<0.001	0.0314	<0.002	<0.001
MW - 9	08/25/04	0.1400	<0.001	0.0474	<0.002	<0.001
MW - 9	12/03/04	0.0388	<0.0200	<0.0200	<0.0200	
MW - 9	03/08/05	0.0125	<0.005	<0.005	<0.005	
MW - 9	06/08/05	0.0057	<0.005	<0.005	<0.005	
MW - 9	09/16/05	0.0059	<0.001	0.0029	<0.001	
MW - 9	12/12/05	0.0417	<0.02	<0.02	<0.02	
MW - 9	03/16/06	0.0709	<0.005	0.0227	<0.005	
MW - 9	06/15/06	0.0205	<0.005	<0.005	<0.005	
MW - 9	09/30/06	<0.001	<0.001	<0.001	<0.001	
MW - 9	12/01/06	<0.01	<0.01	<0.01	<0.01	
MW - 9	02/27/07	<0.005	<0.005	<0.005	<0.005	
MW - 9	05/22/07	<0.005	<0.005	<0.005	<0.005	
MW - 9	08/15/07	<0.1	<0.1	<0.1	<0.1	
MW - 9	11/06/07	0.0183	<0.001	<0.001	<0.001	
MW - 9	02/12/08	0.0162	<0.001	<0.001	<0.001	
MW - 9	05/13/08	0.0139	<0.001	<0.001	<0.001	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 9	08/14/08	0.0137	<0.001	<0.001	<0.001	
MW - 9	11/12/08	0.0116	<0.001	<0.001	<0.001	
MW - 9	02/10/09	0.0090	<0.005	<0.005	<0.005	
MW - 9	05/12/09	0.0146	<0.001	<0.001	<0.001	
MW - 9	08/10/09	0.0117	<0.001	<0.001	<0.001	
MW - 9	11/18/09	0.0149	<0.001	<0.001	<0.001	
MW - 9	02/09/10	0.0084	<0.001	<0.001	<0.001	
MW - 9	05/13/10	0.0053	<0.001	<0.001	<0.001	
MW - 9	08/11/10	<0.001	<0.001	<0.001	<0.001	
MW - 9	11/11/10	<0.0100	<0.0100	<0.0100	<0.0100	
MW - 9	02/16/11	0.0106	<0.001	<0.001	<0.0100	
MW - 9	05/19/11	<0.001	<0.001	<0.001	<0.0100	
MW - 9	08/10/11	0.0076	<0.001	<0.001	<0.001	
MW - 9	11/16/11	0.0045	<0.001	<0.001	<0.001	
MW - 9	02/29/12	0.0105	<0.001	<0.001	<0.001	
MW - 9	05/02/12	0.0055	<0.001	<0.001	<0.001	
MW - 9	08/10/12	Not Sampled due to Site Excavation				
MW - 9	12/07/12	Not Sampled Due to Low Water Levels				
MW - 9	02/13/13	Not Sampled Due to Low Water Levels				
MW - 9	05/22/13	Not Sampled Due to Low Water Levels				
MW - 9	08/13/13	Not Sampled Due to Low Water Levels				
MW - 9	11/21/13	Not Sampled Due to Low Water Levels				
MW - 9	02/04/14	Plugged and Abandoned				
MW - 10	02/11/04	0.0190	<0.001	0.0690	0.0020	<0.001
MW - 10	05/11/04	0.0369	<0.001	0.0432	<0.002	<0.001
MW - 10	12/03/04	0.0196	<0.0100	<0.0100	<0.0100	
MW - 10	03/08/05	<0.01	<0.01	0.0102	<0.01	
MW - 10	06/08/05	0.0130	<0.005	0.0236	<0.005	
MW - 10	09/16/05	Not Sampled Due to PSH in Well				
MW - 10	12/12/05	Not Sampled Due to PSH in Well				
MW - 10	03/16/06	0.0557	<0.01	0.0751	<0.01	
MW - 10	06/15/06	Not Sampled Due to PSH in Well				
MW - 10	09/30/06	<0.001	<0.001	0.0379	0.0035	
MW - 10	12/01/06	0.0265	<0.01	0.0834	<0.01	
MW - 10	02/27/07	<0.01	<0.01	0.0538	<0.01	
MW - 10	05/22/07	0.0134	<0.005	0.0302	<0.005	
MW - 10	08/15/07	Not Sampled Due to PSH in Well				
MW - 10	11/06/07	0.0213	<0.001	0.0099	0.0029	
MW - 10	02/12/08	0.0214	<0.005	0.0136	<0.005	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 10	05/13/08	0.0208	<0.005	0.0067	<0.005	
MW - 10	08/14/08	0.0291	<0.00100	<0.00100	<0.00100	
MW - 10	11/12/08	0.0111	<0.00100	<0.00100	<0.00100	
MW - 10	02/10/09	0.0196	<0.005	<0.005	<0.005	
MW - 10	05/12/09	0.0039	<0.001	<0.001	<0.001	
MW - 10	08/10/09	0.0342	<0.001	<0.001	<0.001	
MW - 10	11/18/09	0.0275	<0.001	<0.001	<0.001	
MW - 10	02/09/10	0.0073	<0.001	<0.001	<0.001	
MW - 10	05/13/10	0.0090	<0.001	<0.001	<0.001	
MW - 10	08/11/10	<0.100	<0.100	<0.100	<0.100	
MW - 10	11/11/10	<0.005	<0.005	<0.005	<0.005	
MW - 10	02/16/11	0.0302	<0.001	<0.001	<0.001	
MW - 10	05/19/11	0.0384	<0.001	<0.001	<0.001	
MW - 10	08/10/11	0.0131	<0.001	<0.001	<0.001	
MW - 10	11/16/11	0.0082	<0.001	<0.001	<0.001	
MW - 10	02/29/12	0.0121	<0.001	<0.001	<0.001	
MW - 10	05/02/12	0.0057	<0.001	<0.001	<0.001	
MW - 10	08/10/12	Not Sampled due to Site Excavation				
MW - 10	12/06/12	<0.005	<0.005	<0.005	<0.005	
MW - 10	02/13/13	<0.005	<0.005	<0.005	<0.005	
MW - 10	05/22/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 10	08/13/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 10	11/21/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 10	02/04/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 10	05/14/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 10	08/05/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 10	11/20/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 10	02/09/15	0.00120	<0.00100	<0.00100	<0.00100	
MW - 10	05/27/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 10	08/03/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 10	11/18/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 10	02/24/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 10	06/07/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 10	08/02/16	<0.00500	<0.00500	<0.00500	<0.00500	
MW - 10	11/08/16	<0.0100	<0.0100	<0.0100	<0.0100	
MW - 10	03/01/17	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 10	05/23/17	<0.00200	<0.00200	0.00682	0.0129	
MW - 10	08/17/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 10	11/14/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 10	02/08/18	<0.00200	<0.00200	<0.00200	0.00403	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 10	05/21/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 10	08/08/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 10	11/12/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 10	02/12/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 10	05/07/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 10	08/07/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 10	11/06/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 10	03/04/20	<0.00100	<0.00100	0.00175	0.00461	
MW - 10	06/17/20	Not Sampled on Current Sample Schedule				
MW - 10	08/12/20	Not Sampled on Current Sample Schedule				
MW - 10	12/09/20	Not Sampled on Current Sample Schedule				
MW - 10	02/10/21	Not Sampled on Current Sample Schedule				
MW - 10	06/10/21	<0.00100	<0.00100	0.00211	0.00548	
MW - 10	09/23/21	Not Sampled on Current Sample Schedule				
MW - 10	12/06/21	Not Sampled on Current Sample Schedule				
MW - 11	06/20/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	09/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	11/12/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	02/12/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	05/14/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	08/21/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	12/10/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 11	02/11/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 11	03/08/05	Not Sampled on Current Sample Schedule				
MW - 11	06/08/05	Not Sampled on Current Sample Schedule				
MW - 11	09/16/05	Not Sampled on Current Sample Schedule				
MW - 11	12/12/05	Well Obstructed				
MW - 11	03/16/06	Not Sampled on Current Sample Schedule				
MW - 11	06/15/06	Not Sampled on Current Sample Schedule				
MW - 11	09/30/06	Not Sampled on Current Sample Schedule				
MW - 11	12/01/06	<0.01	<0.01	<0.01	<0.01	
MW - 11	02/27/07	Not Sampled on Current Sample Schedule				
MW - 11	05/22/07	Not Sampled on Current Sample Schedule				
MW - 11	08/15/07	Not Sampled on Current Sample Schedule				
MW - 11	11/06/07	<0.001	<0.001	<0.001	<0.001	
MW - 11	02/12/08	Not Sampled on Current Sample Schedule				
MW - 11	05/13/08	Not Sampled on Current Sample Schedule				
MW - 11	08/14/08	Not Sampled on Current Sample Schedule				
MW - 11	11/12/08	<0.001	<0.001	<0.001	<0.001	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
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TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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	02/10/09	Not Sampled on Current Sample Schedule				
MW - 11	05/12/09	Not Sampled on Current Sample Schedule				
MW - 11	08/10/09	Not Sampled on Current Sample Schedule				
MW - 11	11/17/09	<0.001	<0.001	<0.001	<0.001	
MW - 11	02/09/10	Not Sampled on Current Sample Schedule				
MW - 11	05/13/10	Not Sampled on Current Sample Schedule				
MW - 11	08/11/10	Not Sampled on Current Sample Schedule				
MW - 11	11/11/10	<0.001	<0.001	<0.001	<0.001	
MW - 11	02/16/11	Not Sampled on Current Sample Schedule				
MW - 11	05/19/11	Not Sampled on Current Sample Schedule				
MW - 11	08/10/11	Not Sampled on Current Sample Schedule				
MW - 11	11/16/11	<0.001	<0.001	<0.001	<0.001	
MW - 11	02/29/12	Not Sampled on Current Sample Schedule				
MW - 11	05/02/12	Not Sampled on Current Sample Schedule				
MW - 11	08/10/12	Not Sampled on Current Sample Schedule				
MW - 11	12/07/12	<0.001	<0.001	<0.001	<0.001	
MW - 11	02/29/12	Not Sampled on Current Sample Schedule				
MW - 11	05/02/12	Not Sampled on Current Sample Schedule				
MW - 11	08/10/12	Not Sampled due to Site Excavation				
MW - 11	12/07/12	<0.001	<0.001	<0.001	<0.001	
MW - 11	02/13/13	Not Sampled on Current Sample Schedule				
MW - 11	05/22/13	Not Sampled on Current Sample Schedule				
MW - 11	08/13/13	Not Sampled on Current Sample Schedule				
MW - 11	11/21/13	<0.001	<0.001	<0.001	<0.00300	
MW - 11	02/04/14	Not Sampled on Current Sample Schedule				
MW - 11	05/14/14	Not Sampled on Current Sample Schedule				
MW - 11	08/05/14	Not Sampled on Current Sample Schedule				
MW - 11	11/19/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	02/09/15	Not Sampled on Current Sample Schedule				
MW - 11	05/27/15	Not Sampled on Current Sample Schedule				
MW - 11	08/03/15	Not Sampled on Current Sample Schedule				
MW - 11	11/18/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	02/24/16	Not Sampled on Current Sample Schedule				
MW - 11	06/07/16	Not Sampled on Current Sample Schedule				
MW - 11	08/02/16	Not Sampled on Current Sample Schedule				
MW - 11	11/08/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	03/01/17	Not Sampled on Current Sample Schedule				
MW - 11	05/23/17	Not Sampled on Current Sample Schedule				
MW - 11	08/17/17	Not Sampled on Current Sample Schedule				
MW - 11	11/13/17	<0.00200	<0.00200	<0.00200	<0.00400	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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	02/08/18	Not Sampled on Current Sample Schedule				
MW - 11	05/21/18	Not Sampled on Current Sample Schedule				
MW - 11	08/08/18	Not Sampled on Current Sample Schedule				
MW - 11	11/12/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 11	02/12/19	Not Sampled on Current Sample Schedule				
MW - 11	05/07/19	Not Sampled on Current Sample Schedule				
MW - 11	08/07/19	Not Sampled on Current Sample Schedule				
MW - 11	11/05/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11	03/04/20	Not Sampled on Current Sample Schedule				
MW - 11	06/17/20	Not Sampled on Current Sample Schedule				
MW - 11	08/12/20	Not Sampled on Current Sample Schedule				
MW - 11	12/09/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11	02/10/21	Not Sampled on Current Sample Schedule				
MW - 11	06/09/21	Not Sampled on Current Sample Schedule				
MW - 11	09/23/21	Not Sampled on Current Sample Schedule				
MW - 11	12/07/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	06/20/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	09/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	11/12/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	02/12/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	05/14/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	08/21/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	12/10/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 12	02/11/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 12	12/02/04	<0.001	<0.001	<0.001	<0.001	
MW - 12	03/08/05	Not Sampled on Current Sample Schedule				
MW - 12	06/08/05	Not Sampled on Current Sample Schedule				
MW - 12	09/16/05	Not Sampled on Current Sample Schedule				
MW - 12	12/12/05	<0.001	<0.001	<0.001	<0.001	
MW - 12	03/16/06	Not Sampled on Current Sample Schedule				
MW - 12	06/15/06	Not Sampled on Current Sample Schedule				
MW - 12	09/30/06	Not Sampled on Current Sample Schedule				
MW - 12	12/01/06	<0.01	<0.01	<0.01	0.0336	
MW - 12	02/27/07	Not Sampled on Current Sample Schedule				
MW - 12	05/22/07	Not Sampled on Current Sample Schedule				
MW - 12	08/15/07	Not Sampled on Current Sample Schedule				
MW - 12	11/06/07	<0.001	<0.001	<0.001	<0.001	
MW - 12	02/12/08	Not Sampled on Current Sample Schedule				
MW - 12	06/05/08	<0.001	<0.001	<0.001	<0.001	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 12	08/14/08	Not Sampled on Current Sample Schedule				
MW - 12	11/12/08	<0.001	<0.001	<0.001	<0.001	
MW - 12	02/10/09	Not Sampled on Current Sample Schedule				
MW - 12	05/12/09	Not Sampled on Current Sample Schedule				
MW - 12	08/10/09	Not Sampled on Current Sample Schedule				
MW - 12	11/17/09	<0.001	<0.001	<0.001	<0.001	
MW - 12	02/09/10	Not Sampled on Current Sample Schedule				
MW - 12	05/13/10	Not Sampled on Current Sample Schedule				
MW - 12	08/11/10	Not Sampled on Current Sample Schedule				
MW - 12	11/11/10	<0.001	<0.001	<0.001	<0.001	
MW - 12	02/16/11	Not Sampled on Current Sample Schedule				
MW - 12	05/19/11	Not Sampled on Current Sample Schedule				
MW - 12	08/10/11	Not Sampled on Current Sample Schedule				
MW - 12	11/16/11	<0.001	<0.001	<0.001	<0.001	
MW - 12	02/29/12	Not Sampled on Current Sample Schedule				
MW - 12	05/02/12	Not Sampled on Current Sample Schedule				
MW - 12	08/10/12	Not Sampled due to Site Excavation				
MW - 12	12/06/12	<0.001	<0.001	<0.001	<0.001	
MW - 12	02/13/13	Not Sampled on Current Sample Schedule				
MW - 12	05/22/13	Not Sampled on Current Sample Schedule				
MW - 12	08/13/13	Not Sampled on Current Sample Schedule				
MW - 12	11/21/13	<0.001	<0.001	<0.001	<0.00300	
MW - 12	02/04/14	Not Sampled on Current Sample Schedule				
MW - 12	05/14/14	Not Sampled on Current Sample Schedule				
MW - 12	08/05/14	Not Sampled on Current Sample Schedule				
MW - 12	11/19/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	02/09/15	Not Sampled on Current Sample Schedule				
MW - 12	05/27/15	Not Sampled on Current Sample Schedule				
MW - 12	08/03/15	Not Sampled on Current Sample Schedule				
MW - 12	11/18/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	02/24/16	Not Sampled on Current Sample Schedule				
MW - 12	06/07/16	Not Sampled on Current Sample Schedule				
MW - 12	08/02/16	Not Sampled on Current Sample Schedule				
MW - 12	11/08/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	03/01/17	Not Sampled on Current Sample Schedule				
MW - 12	05/23/17	Not Sampled on Current Sample Schedule				
MW - 12	08/17/17	Not Sampled on Current Sample Schedule				
MW - 12	11/13/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 12	02/08/18	Not Sampled on Current Sample Schedule				
MW - 12	05/21/18	Not Sampled on Current Sample Schedule				

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 12	08/08/18	Not Sampled on Current Sample Schedule				
MW - 12	11/12/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 12	02/12/19	Not Sampled on Current Sample Schedule				
MW - 12	05/07/19	Not Sampled on Current Sample Schedule				
MW - 12	08/07/19	Not Sampled on Current Sample Schedule				
MW - 12	11/05/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	03/04/20	Not Sampled on Current Sample Schedule				
MW - 12	06/17/20	Not Sampled on Current Sample Schedule				
MW - 12	08/12/20	Not Sampled on Current Sample Schedule				
MW - 12	12/09/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 12	02/10/21	Not Sampled on Current Sample Schedule				
MW - 12	06/09/21	Not Sampled on Current Sample Schedule				
MW - 12	09/23/21	Not Sampled on Current Sample Schedule				
MW - 12	12/06/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 13	06/20/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 13	09/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 13	11/12/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 13	02/12/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 13	05/14/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 13	08/21/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 13	12/10/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 13	02/11/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 13	12/02/04	<0.001	<0.001	<0.001	<0.001	
MW - 13	03/08/05	Not Sampled on Current Sample Schedule				
MW - 13	06/08/05	Not Sampled on Current Sample Schedule				
MW - 13	09/16/05	Not Sampled on Current Sample Schedule				
MW - 13	12/12/05	<0.001	<0.001	<0.001	<0.001	
MW - 13	03/16/06	Not Sampled on Current Sample Schedule				
MW - 13	06/15/06	Not Sampled on Current Sample Schedule				
MW - 13	09/30/06	Not Sampled on Current Sample Schedule				
MW - 13	12/01/06	<0.02	<0.02	<0.02	<0.02	
MW - 13	02/27/07	Not Sampled on Current Sample Schedule				
MW - 13	05/22/07	Not Sampled on Current Sample Schedule				
MW - 13	08/15/07	Not Sampled on Current Sample Schedule				
MW - 13	11/06/07	<0.001	<0.001	<0.001	<0.001	
MW - 13	02/12/08	Not Sampled on Current Sample Schedule				
MW - 13	05/13/08	Not Sampled on Current Sample Schedule				
MW - 13	08/14/08	Not Sampled on Current Sample Schedule				
MW - 13	11/12/08	<0.001	<0.001	<0.001	<0.001	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 13	02/10/09	Not Sampled on Current Sample Schedule				
MW - 13	05/12/09	Not Sampled on Current Sample Schedule				
MW - 13	08/10/09	Not Sampled on Current Sample Schedule				
MW - 13	11/17/09	<0.001	<0.001	<0.001	<0.001	
MW - 13	02/09/10	Not Sampled on Current Sample Schedule				
MW - 13	05/13/10	Not Sampled on Current Sample Schedule				
MW - 13	08/11/10	Not Sampled on Current Sample Schedule				
MW - 13	11/11/10	<0.001	<0.001	<0.001	<0.001	
MW - 13	02/16/11	Not Sampled on Current Sample Schedule				
MW - 13	05/19/11	Not Sampled on Current Sample Schedule				
MW - 13	08/10/11	Not Sampled on Current Sample Schedule				
MW - 13	11/16/11	<0.001	<0.001	<0.001	<0.001	
MW - 13	02/29/12	Not Sampled on Current Sample Schedule				
MW - 13	05/02/12	Not Sampled on Current Sample Schedule				
MW - 13	08/10/12	Not Sampled due to Site Excavation				
MW - 13	12/07/12	<0.001	<0.001	<0.001	<0.001	
MW - 13	02/13/13	Not Sampled on Current Sample Schedule				
MW - 13	05/22/13	Not Sampled on Current Sample Schedule				
MW - 13	08/13/13	Not Sampled on Current Sample Schedule				
MW - 13	11/21/13	<0.001	<0.001	<0.001	<0.00300	
MW - 13	02/04/14	Not Sampled on Current Sample Schedule				
MW - 13	05/14/14	Not Sampled on Current Sample Schedule				
MW - 13	08/05/14	Not Sampled on Current Sample Schedule				
MW - 13	11/19/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 13	02/09/15	Not Sampled on Current Sample Schedule				
MW - 13	05/27/15	Not Sampled on Current Sample Schedule				
MW - 13	08/03/15	Not Sampled on Current Sample Schedule				
MW - 13	11/18/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 13	02/24/16	Not Sampled on Current Sample Schedule				
MW - 13	06/07/16	Not Sampled on Current Sample Schedule				
MW - 13	08/02/16	Not Sampled on Current Sample Schedule				
MW - 13	11/08/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 13	03/01/17	Not Sampled on Current Sample Schedule				
MW - 13	05/23/17	Not Sampled on Current Sample Schedule				
MW - 13	08/17/17	Not Sampled on Current Sample Schedule				
MW - 13	11/13/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 13	02/08/18	Not Sampled on Current Sample Schedule				
MW - 13	05/21/18	Not Sampled on Current Sample Schedule				
MW - 13	08/08/18	Not Sampled on Current Sample Schedule				
MW - 13	11/12/18	<0.00100	<0.0100	<0.00500	<0.0200	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 13	02/12/19	Not Sampled on Current Sample Schedule				
MW - 13	05/07/19	Not Sampled on Current Sample Schedule				
MW - 13	08/07/19	Not Sampled on Current Sample Schedule				
MW - 13	11/05/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 13	03/04/20	Not Sampled on Current Sample Schedule				
MW - 13	06/17/20	Not Sampled on Current Sample Schedule				
MW - 13	08/12/20	Not Sampled on Current Sample Schedule				
MW - 13	12/09/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 13	02/10/21	Not Sampled on Current Sample Schedule				
MW - 13	06/09/21	Not Sampled on Current Sample Schedule				
MW - 13	09/23/21	Not Sampled on Current Sample Schedule				
MW - 13	12/06/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 14	3/8/2005	Not Sampled Due to PSH in Well				
MW - 14	06/08/05	Not Sampled Due to PSH in Well				
MW - 14	09/16/05	Not Sampled Due to PSH in Well				
MW - 14	12/12/05	Not Sampled Due to PSH in Well				
MW - 14	03/16/06	Not Sampled Due to PSH in Well				
MW - 14	06/15/06	Not Sampled Due to PSH in Well				
MW - 14	09/30/06	Not Sampled Due to PSH in Well				
MW - 14	12/01/06	Not Sampled Due to PSH in Well				
MW - 14	02/27/07	Not Sampled Due to PSH in Well				
MW - 14	05/22/07	Not Sampled Due to PSH in Well				
MW - 14	08/15/07	Not Sampled Due to PSH in Well				
MW - 14	11/06/07	Not Sampled Due to PSH in Well				
MW - 14	02/12/08	Not Sampled Due to PSH in Well				
MW - 14	05/13/08	Not Sampled Due to PSH in Well				
MW - 14	08/14/08	Not Sampled Due to PSH in Well				
MW - 14	11/12/08	0.3180	0.136	0.3880	0.2620	
MW - 14	02/10/09	Not Sampled Due to PSH in Well				
MW - 14	05/12/09	Not Sampled Due to PSH in Well				
MW - 14	08/10/09	Not Sampled Due to PSH in Well				
MW - 14	11/18/09	0.2010	<0.100	0.2640	<0.100	
MW - 14	02/09/10	Not Sampled Due to PSH in Well				
MW - 14	05/13/10	Not Sampled Due to PSH in Well				
MW - 14	08/11/10	Not Sampled Due to PSH in Well				
MW - 14	11/11/10	Not Sampled Due to PSH in Well				
MW - 14	02/16/11	Not Sampled Due to PSH in Well				
MW - 14	05/19/11	Not Sampled Due to PSH in Well				
MW - 14	08/10/11	Not Sampled Due to PSH in Well				

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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	11/16/11	Not Sampled Due to PSH in Well				
MW - 14	02/29/12	Not Sampled Due to PSH in Well				
MW - 14	05/02/12	Not Sampled Due to PSH in Well				
MW - 14	08/10/12	Not Sampled Due to PSH in Well				
MW - 14	12/07/12	Not Sampled Due to PSH in Well				
MW - 14	02/13/13	Not Sampled Due to PSH in Well				
MW - 14	05/22/13	Not Sampled Due to PSH in Well				
MW - 14	08/13/13	Not Sampled Due to PSH in Well				
MW - 14	11/21/13	Not Sampled Due to PSH in Well				
MW - 14	02/04/14	Not Sampled Due to PSH in Well				
MW - 14	05/14/14	Not Sampled Due to PSH in Well				
MW - 14	08/05/14	Not Sampled Due to PSH in Well				
MW - 14	11/19/14	Not Sampled Due to PSH in Well				
MW - 14	02/09/15	0.226	<0.0500	0.138	<0.0500	
MW - 14	05/27/15	0.475	<0.0500	0.0534	<0.0500	
MW - 14	08/03/15	0.380	<0.0500	0.114	<0.0500	
MW - 14	11/19/15	0.128	<0.0500	<0.0500	<0.0500	
MW - 14	02/24/16	0.348	<0.00100	0.117	0.0328	
MW - 14	06/07/16	0.344	<0.00100	0.0817	0.0265	
MW - 14	08/03/16	0.189	<0.0500	0.102	<0.0500	
MW - 14	11/08/16	0.106	<0.0500	<0.0500	<0.0500	
MW - 14	03/01/17	0.287	<0.00200	0.109	0.0427	
MW - 14	05/23/17	0.547	<0.00200	0.105	0.0458	
MW - 14	08/17/17	0.570	<0.0200	0.242	0.092	
MW - 14	11/14/17	0.561	<0.00200	0.115	0.0483	
MW - 14	02/08/18	0.297	0.00298	0.0582	0.0243	
MW - 14	05/22/18	0.336	<0.0100	0.101	0.0708	
MW - 14	08/08/18	0.213	<0.0100	0.156	0.0900	
MW - 14	11/13/18	0.205	<0.0100	0.108	0.0459	
MW - 14	02/13/19	0.227	<0.00100	0.101	0.0479	
MW - 14	05/08/19	0.163	<0.00100	0.0756	0.0422	
MW - 14	08/08/19	0.328	0.00105	0.174	0.0953	
MW - 14	11/13/19	0.147	<0.00100	0.0914	0.0557	
MW - 14	03/05/20	0.235	0.00229	0.110	0.04423	
MW - 14	06/18/20	0.147	0.00505	0.140	0.1077	
MW - 14	08/13/20	0.208	0.00662	0.172	0.0988	
MW - 14	12/10/20	0.160	0.0116	0.157	0.06489	
MW - 14	02/11/21	0.140	0.0245	0.145	0.1472	
MW - 14	06/11/21	0.236	0.0227	0.137	0.1658	
MW - 14	09/23/21	0.352	0.0398	0.259	0.3124	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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	12/06/21	0.231	0.0189	0.239	0.1642	
MW - 15	3/8/2005	Not Sampled Due to PSH in Well				
MW - 15	06/08/05	Not Sampled Due to PSH in Well				
MW - 15	09/16/05	Not Sampled Due to PSH in Well				
MW - 15	12/12/05	Not Sampled Due to PSH in Well				
MW - 15	03/16/06	Not Sampled Due to PSH in Well				
MW - 15	06/15/06	Not Sampled Due to PSH in Well				
MW - 15	09/30/06	Not Sampled Due to PSH in Well				
MW - 15	12/01/06	Not Sampled Due to PSH in Well				
MW - 15	02/27/07	Not Sampled Due to PSH in Well				
MW - 15	05/22/07	Not Sampled Due to PSH in Well				
MW - 15	08/15/07	Not Sampled Due to PSH in Well				
MW - 15	11/06/07	Not Sampled Due to PSH in Well				
MW - 15	02/12/08	0.1610	<0.002	0.2410	0.0531	
MW - 15	05/13/08	Not Sampled Due to PSH in Well				
MW - 15	08/14/08	Not Sampled Due to PSH in Well				
MW - 15	11/12/08	Not Sampled Due to Insufficient Water in Well				
MW - 15	02/10/09	Not Sampled Due to PSH in Well				
MW - 15	05/12/09	Not Sampled Due to PSH in Well				
MW - 15	08/10/09	Not Sampled Due to PSH in Well				
MW - 15	11/18/09	0.0773	<0.020	0.0535	<0.020	
MW - 15	02/09/10	Not Sampled Due to PSH in Well				
MW - 15	05/13/10	Not Sampled Due to PSH in Well				
MW - 15	08/11/10	Not Sampled Due to PSH in Well				
MW - 15	11/11/10	Not Sampled Due to PSH in Well				
MW - 15	02/16/11	Not Sampled Due to PSH in Well				
MW - 15	05/19/11	Not Sampled Due to PSH in Well				
MW - 15	08/10/11	Not Sampled Due to PSH in Well				
MW - 15	11/17/11	0.0898	<0.020	<0.020	<0.020	
MW - 15	02/29/12	0.2550	<0.020	0.2000	<0.020	
MW - 15	05/02/12	0.1420	<0.020	0.1010	<0.020	
MW - 15	08/10/12	Not Sampled due to Site Excavation				
MW - 15	12/07/12	Not Sampled due to PSH in Well				
MW - 15	02/13/13	Not Sampled due to PSH in Well				
MW - 15	05/22/13	0.0956	<0.00500	0.0300	<0.00500	
MW - 15	08/13/13	0.0909	<0.00500	<0.00500	<0.00500	
MW - 15	11/21/13	0.123	<0.0500	<0.0500	<0.150	
MW - 15	02/04/14	0.108	<0.0500	<0.0500	<0.150	
MW - 15	05/14/14	0.0779	<0.0500	<0.0500	<0.150	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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	08/05/14	Not Sampled due to PSH in Well				
MW - 15	11/19/14	Not Sampled due to PSH in Well				
MW - 15	02/09/15	0.0705	<0.0500	<0.0500	<0.0500	
MW - 15	05/27/15	0.0265	<0.00100	0.00820	0.00230	
MW - 15	08/03/15	<0.0500	<0.0500	<0.0500	<0.0500	
MW - 15	11/19/15	0.0237	<0.00100	0.00200	<0.00100	
MW - 15	02/24/16	0.0286	0.00150	0.00370	0.0113	
MW - 15	06/07/16	0.0203	<0.00100	0.00460	0.0015	
MW - 15	08/03/16	<0.0100	<0.0100	<0.0100	<0.0100	
MW - 15	11/08/16	0.0139	<0.00500	0.00500	<0.00500	
MW - 15	03/01/17	0.0225	<0.00200	0.00896	0.0101	
MW - 15	05/23/17	0.0399	<0.00200	0.0155	0.0154	
MW - 15	08/17/17	0.0394	<0.00200	0.0120	0.00629	
MW - 15	11/14/17	0.0311	<0.00200	0.00339	<0.00400	
MW - 15	02/08/18	0.0519	<0.00200	0.00395	0.00843	
MW - 15	05/22/18	0.0241	<0.0100	<0.00500	<0.0200	
MW - 15	08/08/18	0.0253	<0.0100	0.00521	<0.0200	
MW - 15	11/13/18	0.0523	<0.0100	<0.00500	<0.0200	
MW - 15	02/13/19	0.0373	0.00165	0.00852	0.02065	
MW - 15	05/08/19	0.0302	0.00140	0.00381	0.01298	
MW - 15	08/08/19	0.00852	0.00139	0.00461	0.02557	
MW - 15	11/06/19	0.00997	<0.00100	0.00413	0.01004	
MW - 15	03/05/20	0.0324	0.0124	0.0244	0.1054	
MW - 15	06/18/20	0.0456	0.0142	0.0205	0.1083	
MW - 15	08/13/20	0.0579	0.0145	0.0232	0.0938	
MW - 15	12/10/20	0.0559	0.0688	0.287	0.205	
MW - 15	02/11/21	0.0575	0.0163	0.0521	0.0353	
MW - 15	06/11/21	0.0443	0.0145	0.0143	0.0737	
MW - 15	09/23/21	0.0247	0.0120	0.0136	0.0728	
MW - 15	12/06/21	0.0240	0.0202	<0.00100	0.0489	
MW - 16	06/20/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 16	09/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 16	11/12/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 16	02/12/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 16	05/14/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 16	08/21/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 16	12/10/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 16	02/11/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 16	12/02/04	<0.001	<0.001	<0.001	<0.001	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 16	03/08/05	Not Sampled on Current Sample Schedule				
MW - 16	06/08/05	Not Sampled on Current Sample Schedule				
MW - 16	09/16/05	Not Sampled on Current Sample Schedule				
MW - 16	12/12/05	<0.001	<0.001	<0.001	<0.001	
MW - 16	03/16/06	Not Sampled on Current Sample Schedule				
MW - 16	06/15/06	Not Sampled on Current Sample Schedule				
MW - 16	09/30/06	Not Sampled on Current Sample Schedule				
MW - 16	12/01/06	<0.02	<0.02	<0.02	<0.02	
MW - 16	02/27/07	Not Sampled on Current Sample Schedule				
MW - 16	05/22/07	Not Sampled on Current Sample Schedule				
MW - 16	08/15/07	Not Sampled on Current Sample Schedule				
MW - 16	11/05/07	<0.001	<0.001	<0.001	<0.001	
MW - 16	02/12/08	Not Sampled on Current Sample Schedule				
MW - 16	05/13/08	Not Sampled on Current Sample Schedule				
MW - 16	08/14/08	Not Sampled on Current Sample Schedule				
MW - 16	11/12/08	<0.001	<0.001	<0.001	<0.001	
MW - 16	02/10/09	Not Sampled on Current Sample Schedule				
MW - 16	05/12/09	Not Sampled on Current Sample Schedule				
MW - 16	08/10/09	Not Sampled on Current Sample Schedule				
MW - 16	11/17/09	<0.001	<0.001	<0.001	<0.001	
MW - 16	02/09/10	Not Sampled on Current Sample Schedule				
MW - 16	05/13/10	Not Sampled on Current Sample Schedule				
MW - 16	08/11/10	Not Sampled on Current Sample Schedule				
MW - 16	11/11/10	<0.001	<0.001	<0.001	<0.001	
MW - 16	02/16/11	Not Sampled on Current Sample Schedule				
MW - 16	05/19/11	Not Sampled on Current Sample Schedule				
MW - 16	08/10/11	Not Sampled on Current Sample Schedule				
MW - 16	11/16/11	<0.001	<0.001	<0.001	<0.001	
MW - 16	02/29/12	Not Sampled on Current Sample Schedule				
MW - 16	05/02/12	Not Sampled on Current Sample Schedule				
MW - 16	08/10/12	Not Sampled due to Site Excavation				
MW - 16	12/06/12	<0.001	<0.001	<0.001	<0.001	
MW - 16	02/13/13	Not Sampled on Current Sample Schedule				
MW - 16	05/22/13	Not Sampled on Current Sample Schedule				
MW - 16	08/13/13	Not Sampled on Current Sample Schedule				
MW - 16	11/21/13	<0.001	<0.001	<0.001	<0.00300	
MW - 16	02/04/14	Not Sampled on Current Sample Schedule				
MW - 16	05/14/14	Not Sampled on Current Sample Schedule				
MW - 16	08/05/14	Not Sampled on Current Sample Schedule				
MW - 16	11/19/14	<0.00100	<0.00100	<0.00100	<0.00100	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 16	02/09/15	Not Sampled on Current Sample Schedule				
MW - 16	05/27/15	Not Sampled on Current Sample Schedule				
MW - 16	08/03/15	Not Sampled on Current Sample Schedule				
MW - 16	11/18/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 16	02/24/16	Not Sampled on Current Sample Schedule				
MW - 16	06/07/16	Not Sampled on Current Sample Schedule				
MW - 16	08/03/16	Not Sampled on Current Sample Schedule				
MW - 16	11/08/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 16	03/01/17	Not Sampled on Current Sample Schedule				
MW - 16	05/23/17	Not Sampled on Current Sample Schedule				
MW - 16	08/17/17	Not Sampled on Current Sample Schedule				
MW - 16	11/13/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 16	02/08/18	Not Sampled on Current Sample Schedule				
MW - 16	05/22/18	Not Sampled on Current Sample Schedule				
MW - 16	08/08/18	Not Sampled on Current Sample Schedule				
MW - 16	11/12/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 16	02/12/19	Not Sampled on Current Sample Schedule				
MW - 16	05/07/19	Not Sampled on Current Sample Schedule				
MW - 16	08/07/19	Not Sampled on Current Sample Schedule				
MW - 16	11/05/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 16	03/04/20	Not Sampled on Current Sample Schedule				
MW - 16	06/17/20	Not Sampled on Current Sample Schedule				
MW - 16	08/12/20	Not Sampled on Current Sample Schedule				
MW - 16	12/09/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 16	02/10/21	Not Sampled on Current Sample Schedule				
MW - 16	06/09/21	Not Sampled on Current Sample Schedule				
MW - 16	09/23/21	Not Sampled on Current Sample Schedule				
MW - 16	12/06/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 17	06/20/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 17	09/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 17	11/12/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 17	02/12/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 17	05/14/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 17	08/21/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 17	12/10/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 17	02/11/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 17	12/02/04	<0.001	<0.001	<0.001	<0.001	
MW - 17	03/08/05	Not Sampled on Current Sample Schedule				
MW - 17	06/08/05	Not Sampled on Current Sample Schedule				

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 17	09/16/05	Not Sampled on Current Sample Schedule				
MW - 17	12/12/05	<0.001	<0.001	<0.001	<0.001	
MW - 17	03/16/06	Not Sampled on Current Sample Schedule				
MW - 17	06/15/06	Not Sampled on Current Sample Schedule				
MW - 17	09/30/06	Not Sampled on Current Sample Schedule				
MW - 17	12/01/06	<0.02	<0.02	<0.02	<0.02	
MW - 17	02/27/07	Not Sampled on Current Sample Schedule				
MW - 17	05/22/07	Not Sampled on Current Sample Schedule				
MW - 17	08/15/07	Not Sampled on Current Sample Schedule				
MW - 17	11/06/07	<0.001	<0.001	<0.001	<0.001	
MW - 17	02/12/08	Not Sampled on Current Sample Schedule				
MW - 17	05/13/08	Not Sampled on Current Sample Schedule				
MW - 17	08/14/08	Not Sampled on Current Sample Schedule				
MW - 17	11/12/08	<0.001	<0.001	<0.001	<0.001	
MW - 17	02/10/09	Not Sampled on Current Sample Schedule				
MW - 17	05/12/09	Not Sampled on Current Sample Schedule				
MW - 17	08/10/09	Not Sampled on Current Sample Schedule				
MW - 17	11/17/09	<0.001	<0.001	<0.001	<0.001	
MW - 17	02/09/10	Not Sampled on Current Sample Schedule				
MW - 17	05/13/10	Not Sampled on Current Sample Schedule				
MW - 17	08/11/10	Not Sampled on Current Sample Schedule				
MW - 17	11/11/10	<0.001	<0.001	<0.001	<0.001	
MW - 17	02/16/11	Not Sampled on Current Sample Schedule				
MW - 17	05/19/11	Not Sampled on Current Sample Schedule				
MW - 17	08/10/11	Not Sampled on Current Sample Schedule				
MW - 17	11/16/11	<0.001	<0.001	<0.001	<0.001	
MW - 17	02/29/12	Not Sampled on Current Sample Schedule				
MW - 17	05/02/12	Not Sampled on Current Sample Schedule				
MW - 17	08/10/12	Not Sampled on Current Sample Schedule				
MW - 17	12/07/12	<0.001	<0.001	<0.001	<0.001	
MW - 17	02/13/13	Not Sampled on Current Sample Schedule				
MW - 17	05/22/13	Not Sampled on Current Sample Schedule				
MW - 17	08/13/13	Not Sampled on Current Sample Schedule				
MW - 17	11/21/13	<0.001	<0.001	<0.001	<0.00300	
MW - 17	02/04/14	Not Sampled on Current Sample Schedule				
MW - 17	05/14/14	Not Sampled on Current Sample Schedule				
MW - 17	08/05/14	Not Sampled on Current Sample Schedule				
MW - 17	11/19/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 17	02/09/15	Not Sampled on Current Sample Schedule				
MW - 17	05/27/15	Not Sampled on Current Sample Schedule				

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 17	08/03/15	Not Sampled on Current Sample Schedule				
MW - 17	11/18/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 17	02/24/16	Not Sampled on Current Sample Schedule				
MW - 17	06/07/16	Not Sampled on Current Sample Schedule				
MW - 17	08/03/16	Not Sampled on Current Sample Schedule				
MW - 17	11/08/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 17	03/01/17	Not Sampled on Current Sample Schedule				
MW - 17	05/23/17	Not Sampled on Current Sample Schedule				
MW - 17	08/17/17	Not Sampled on Current Sample Schedule				
MW - 17	11/13/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 17	02/08/18	Not Sampled on Current Sample Schedule				
MW - 17	05/22/18	Not Sampled on Current Sample Schedule				
MW - 17	08/08/18	Not Sampled on Current Sample Schedule				
MW - 17	11/12/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 17	02/12/19	Not Sampled on Current Sample Schedule				
MW - 17	05/07/19	Not Sampled on Current Sample Schedule				
MW - 17	08/07/19	Not Sampled on Current Sample Schedule				
MW - 17	11/06/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 17	03/04/20	Not Sampled on Current Sample Schedule				
MW - 17	06/17/20	Not Sampled on Current Sample Schedule				
MW - 17	08/12/20	Not Sampled on Current Sample Schedule				
MW - 17	12/09/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 17	02/10/21	Not Sampled on Current Sample Schedule				
MW - 17	06/09/21	Not Sampled on Current Sample Schedule				
MW - 17	09/23/21	Not Sampled on Current Sample Schedule				
MW - 17	12/06/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 18	06/20/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 18	09/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 18	11/12/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 18	02/12/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 18	05/14/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 18	08/21/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 18	12/10/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 18	02/11/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 18	12/02/04	<0.001	<0.001	<0.001	<0.001	
MW - 18	03/08/05	Not Sampled on Current Sample Schedule				
MW - 18	06/08/05	Not Sampled on Current Sample Schedule				
MW - 18	09/16/05	Not Sampled on Current Sample Schedule				
MW - 18	12/12/05	<0.001	<0.001	<0.001	<0.001	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 18	03/16/06	Not Sampled on Current Sample Schedule				
MW - 18	06/15/06	Not Sampled on Current Sample Schedule				
MW - 18	09/30/06	Not Sampled on Current Sample Schedule				
MW - 18	12/01/06	<0.01	<0.01	<0.01	<0.01	
MW - 18	02/27/07	Not Sampled on Current Sample Schedule				
MW - 18	05/22/07	Not Sampled on Current Sample Schedule				
MW - 18	08/15/07	Not Sampled on Current Sample Schedule				
MW - 18	11/06/07	<0.001	<0.001	<0.001	<0.001	
MW - 18	02/12/08	Not Sampled on Current Sample Schedule				
MW - 18	05/13/08	Not Sampled on Current Sample Schedule				
MW - 18	08/14/08	Not Sampled on Current Sample Schedule				
MW - 18	11/12/08	<0.001	<0.001	<0.001	<0.001	
MW - 18	02/10/09	Not Sampled on Current Sample Schedule				
MW - 18	05/12/09	Not Sampled on Current Sample Schedule				
MW - 18	08/10/09	Not Sampled on Current Sample Schedule				
MW - 18	11/17/09	<0.001	<0.001	<0.001	<0.001	
MW - 18	02/09/10	Not Sampled on Current Sample Schedule				
MW - 18	05/13/10	Not Sampled on Current Sample Schedule				
MW - 18	08/11/10	Not Sampled on Current Sample Schedule				
MW - 18	11/11/10	<0.001	<0.001	<0.001	<0.001	
MW - 18	02/16/11	Not Sampled on Current Sample Schedule				
MW - 18	05/19/11	Not Sampled on Current Sample Schedule				
MW - 18	08/10/11	Not Sampled on Current Sample Schedule				
MW - 18	11/16/11	<0.001	<0.001	<0.001	<0.001	
MW - 18	02/29/12	Not Sampled on Current Sample Schedule				
MW - 18	05/02/12	Not Sampled on Current Sample Schedule				
MW - 18	08/10/12	Not Sampled due to Site Excavation				
MW - 18	12/06/12	<0.001	<0.001	<0.001	<0.001	
MW - 18	02/13/13	Not Sampled on Current Sample Schedule				
MW - 18	05/22/13	Not Sampled on Current Sample Schedule				
MW - 18	08/13/13	Not Sampled on Current Sample Schedule				
MW - 18	11/21/13	<0.001	<0.001	<0.001	<0.00300	
MW - 18	02/04/14	Not Sampled on Current Sample Schedule				
MW - 18	05/14/14	Not Sampled on Current Sample Schedule				
MW - 18	08/05/14	Not Sampled on Current Sample Schedule				
MW - 18	11/19/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 18	02/09/15	Not Sampled on Current Sample Schedule				
MW - 18	05/27/15	Not Sampled on Current Sample Schedule				
MW - 18	08/03/15	Not Sampled on Current Sample Schedule				
MW - 18	11/18/15	<0.00100	<0.00100	<0.00100	<0.00100	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 18	02/24/16	Not Sampled on Current Sample Schedule				
MW - 18	06/07/16	Not Sampled on Current Sample Schedule				
MW - 18	08/03/16	Not Sampled on Current Sample Schedule				
MW - 18	11/08/16	<0.00500	<0.00500	<0.00500	<0.00500	
MW - 18	03/01/17	Not Sampled on Current Sample Schedule				
MW - 18	05/23/17	Not Sampled on Current Sample Schedule				
MW - 18	08/17/17	Not Sampled on Current Sample Schedule				
MW - 18	11/14/17	0.00227	<0.00200	<0.00200	<0.00400	
MW - 18	02/08/18	Not Sampled on Current Sample Schedule				
MW - 18	05/22/18	Not Sampled on Current Sample Schedule				
MW - 18	08/08/18	Not Sampled on Current Sample Schedule				
MW - 18	11/13/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 18	02/13/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 18	05/07/19	Not Sampled on Current Sample Schedule				
MW - 18	08/07/19	Not Sampled on Current Sample Schedule				
MW - 18	11/06/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 18	03/04/20	Not Sampled on Current Sample Schedule				
MW - 18	06/17/20	Not Sampled on Current Sample Schedule				
MW - 18	08/12/20	Not Sampled on Current Sample Schedule				
MW - 18	12/09/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 18	02/10/21	Not Sampled on Current Sample Schedule				
MW - 18	06/09/21	Not Sampled on Current Sample Schedule				
MW - 18	09/23/21	Not Sampled on Current Sample Schedule				
MW - 18	12/06/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 19	03/08/05	Not Sampled Due to PSH in Well				
MW - 19	06/08/05	0.2720	<0.05	0.1100	<0.05	
MW - 19	09/16/05	Not Sampled Due to PSH in Well				
MW - 19	12/12/05	Not Sampled Due to PSH in Well				
MW - 19	03/16/06	Not Sampled Due to PSH in Well				
MW - 19	06/15/06	Not Sampled Due to PSH in Well				
MW - 19	09/30/06	Not Sampled Due to PSH in Well				
MW - 19	12/01/06	Not Sampled Due to PSH in Well				
MW - 19	02/27/07	Not Sampled Due to PSH in Well				
MW - 19	05/22/07	Not Sampled Due to PSH in Well				
MW - 19	08/15/07	Not Sampled Due to PSH in Well				
MW - 19	11/06/07	Not Sampled Due to PSH in Well				
MW - 19	02/12/08	Not Sampled Due to PSH in Well				
MW - 19	05/13/08	Not Sampled Due to PSH in Well				
MW - 19	08/14/08	Not Sampled Due to PSH in Well				

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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	11/12/08	Not Sampled Due to Insufficient Water in Well				
MW - 19	02/10/09	Not Sampled Due to PSH in Well				
MW - 19	05/12/09	Not Sampled Due to PSH in Well				
MW - 19	08/10/09	Not Sampled Due to PSH in Well				
MW - 19	11/18/09	0.2360	<0.010	0.0320	0.0296	
MW - 19	02/09/10	0.2630	<0.010	0.0546	0.0714	
MW - 19	05/13/10	0.1920	<0.001	0.0455	0.0768	
MW - 19	08/11/10	0.1340	<0.100	<0.100	0.1050	
MW - 19	11/11/10	0.4740	<0.100	<0.100	<0.100	
MW - 19	02/16/11	0.6910	<0.100	<0.100	<0.100	
MW - 19	05/19/11	1.1500	<0.100	0.5160	1.5900	
MW - 19	08/10/11	0.2940	<0.100	0.0398	0.0435	
MW - 19	11/16/11	0.3180	<0.001	0.0460	0.0510	
MW - 19	02/29/12	0.3070	<0.001	0.0515	0.0635	
MW - 19	05/02/12	0.2550	<0.001	0.0404	0.0471	
MW - 19	08/10/12	Not Sampled Due to PSH in Well				
MW - 19	12/06/12	Not Sampled Due to PSH in Well				
MW - 19	02/13/13	Not Sampled Due to PSH in Well				
MW - 19	05/22/13	Not Sampled				
MW - 19	08/13/13	0.263	<0.00100	0.0464	0.0808	
MW - 19	11/21/13	Not Sampled Due to PSH in Well				
MW - 19	02/04/14	Not Sampled Due to PSH in Well				
MW - 19	05/14/14	Not Sampled Due to PSH in Well				
MW - 19	08/05/14	Not Sampled Due to PSH in Well				
MW - 19	11/20/14	0.366	<0.0500	<0.0500	<0.0500	
MW - 19	02/09/15	0.205	<0.0500	<0.0500	<0.0500	
MW - 19	05/27/15	0.217	<0.0500	<0.0500	<0.0500	
MW - 19	08/03/15	0.202	<0.0500	<0.0500	<0.0500	
MW - 19	11/19/15	0.236	<0.00100	0.0440	0.0165	
MW - 19	02/24/16	0.256	<0.00100	0.0364	0.0155	
MW - 19	06/07/16	0.239	<0.00100	0.0389	0.00480	
MW - 19	08/03/16	0.205	<0.0500	<0.0500	<0.0500	
MW - 19	11/08/16	0.139	<0.0500	<0.0500	<0.0500	
MW - 19	03/01/17	0.147	0.00586	0.0260	0.0411	
MW - 19	05/23/17	0.295	0.00361	0.0470	0.0147	
MW - 19	08/17/17	0.390	0.00302	0.0523	0.03216	
MW - 19	11/14/17	0.209	<0.00200	0.0283	0.0107	
MW - 19	02/08/18	0.213	0.0168	0.0303	0.0519	
MW - 19	05/22/18	0.191	<0.0100	0.0254	0.0244	
MW - 19	08/08/18	0.184	<0.0100	0.0202	0.0199	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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	11/13/18	0.197	<0.0100	0.0277	0.0478	
MW - 19	02/12/19	0.128	0.00152	0.0176	0.01129	
MW - 19	05/08/19	0.157	<0.00100	0.0202	0.02512	
MW - 19	08/08/19	0.154	0.00445	0.0282	0.0708	
MW - 19	11/13/19	0.0923	0.00204	0.0222	0.0389	
MW - 19	03/05/20	0.185	0.0290	0.0584	0.233	
MW - 19	06/18/20	0.158	0.0310	0.0569	0.1725	
MW - 19	08/12/20	Not Sampled Due to PSH in Well				
MW - 19	12/10/20	0.208	0.0578	0.240	0.1428	
MW - 19	02/11/21	0.133	0.0311	0.0492	0.0544	
MW - 19	06/11/21	0.207	0.0211	0.0298	0.0903	
MW - 19	09/23/21	0.184	0.0237	0.0297	0.1047	
MW - 19	12/07/21	0.178	0.00177	0.00451	<0.00200	
MW - 20	06/20/02	0.1340	<0.001	0.0170	<0.001	0.006
MW - 20	09/26/02	0.6150	<0.001	0.1720	0.0020	<0.001
MW - 20	11/12/02	0.5020	<0.001	0.1360	0.0030	<0.001
MW - 20	02/12/03	0.4710	<0.001	0.1650	<0.001	<0.001
MW - 20	05/14/03	0.4100	<0.001	0.1280	<0.001	0.003
MW - 20	08/21/03	0.2950	<0.001	0.1340	0.0070	<0.001
MW - 20	12/10/03	0.0610	<0.001	0.0620	<0.002	<0.001
MW - 20	02/11/04	0.4590	<0.001	0.1590	0.0040	<0.001
MW - 20	05/11/04	0.3020	<0.001	0.1270	<0.002	<0.001
MW - 20	08/25/04	1.9600	<0.001	0.1440	0.0042	0.001
MW - 20	12/03/04	0.2570	<0.005	0.0760	<0.005	
MW - 20	03/08/05	<0.1	<0.1	<0.1	<0.1	
MW - 20	06/08/05	0.1560	<0.05	<0.05	<0.05	
MW - 20	09/16/05	0.0488	<0.001	0.0250	<0.001	
MW - 20	12/12/05	0.0615	<0.01	0.0293	<0.01	
MW - 20	03/16/06	0.1000	<0.005	0.0232	<0.005	
MW - 20	06/15/06	0.0808	<0.02	0.0343	<0.02	
MW - 20	09/30/06	<0.001	<0.001	0.0056	0.0109	
MW - 20	12/01/06	0.2920	<0.01	0.1240	<0.01	
MW - 20	02/27/07	<0.02	<0.02	0.0745	<0.02	
MW - 20	05/22/07	0.0284	<0.005	<0.005	<0.005	
MW - 20	08/15/07	0.3540	<0.1	<0.1	<0.1	
MW - 20	11/06/07	0.1690	<0.02	<0.02	<0.02	
MW - 20	02/12/08	0.2010	<0.005	0.0204	<0.005	
MW - 20	05/13/08	0.4700	<0.005	0.0251	<0.005	
MW - 20	08/14/08	0.5350	<0.005	<0.005	<0.005	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 20	11/12/08	0.3060	<0.005	0.0177	<0.005	
MW - 20	02/10/09	0.2000	<0.005	0.0194	<0.005	
MW - 20	05/12/09	0.1240	<0.005	0.0332	<0.005	
MW - 20	08/10/09	0.1490	<0.001	<0.001	<0.001	
MW - 20	11/18/09	0.0758	<0.001	<0.001	<0.001	
MW - 20	02/09/10	0.0952	<0.001	<0.001	0.0039	
MW - 20	05/13/10	0.0508	<0.001	0.0023	0.0093	
MW - 20	08/11/10	<0.0100	<0.0100	<0.0100	<0.0100	
MW - 20	11/11/10	<0.0500	<0.0500	<0.0500	<0.0500	
MW - 20	02/16/11	0.1030	<0.001	<0.001	0.0186	
MW - 20	05/19/11	0.0512	<0.001	<0.001	0.0158	
MW - 20	08/10/11	0.0298	<0.001	<0.001	0.0120	
MW - 20	11/16/11	0.0728	<0.001	<0.001	<0.001	
MW - 20	02/29/12	0.0235	<0.001	<0.001	0.0246	
MW - 20	05/02/12	0.0245	<0.001	<0.001	<0.001	
MW - 20	08/10/12	Not Sampled due to Site Excavation				
MW - 20	12/06/12	0.0136	<0.001	<0.001	<0.001	
MW - 20	02/13/13	<0.0100	<0.0100	<0.0100	<0.0100	
MW - 20	05/22/13	0.0072	<0.001	<0.001	<0.001	
MW - 20	08/13/13	<0.00500	<0.00500	<0.00500	<0.00500	
MW - 20	11/21/13	0.00790	<0.00500	<0.00500	<0.0150	
MW - 20	02/04/14	0.01270	<0.00100	<0.00100	<0.00300	
MW - 20	05/14/14	0.0123	<0.00100	<0.00100	<0.00300	
MW - 20	08/05/14	<0.00500	<0.00500	<0.00500	<0.00500	
MW - 20	11/20/14	0.0042	<0.00100	<0.00100	<0.00100	
MW - 20	02/09/15	0.00400	<0.00100	0.00140	0.00120	
MW - 20	05/27/15	<0.0200	<0.0200	<0.0200	0.0265	
MW - 20	08/03/15	<0.00500	<0.00500	<0.00500	<0.00500	
MW - 20	11/18/15	0.00220	<0.00100	<0.00100	0.00370	
MW - 20	02/24/16	0.00140	<0.00100	0.00150	<0.00100	
MW - 20	06/07/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 20	08/02/16	<0.0100	<0.0100	<0.0100	<0.0100	
MW - 20	11/08/16	<0.0100	<0.0100	<0.0100	<0.0100	
MW - 20	03/01/17	0.00553	<0.00200	<0.00200	<0.00200	
MW - 20	05/23/17	0.0128	<0.00200	<0.00200	<0.00400	
MW - 20	08/17/17	0.0177	<0.00200	<0.00200	<0.00400	
MW - 20	11/14/17	0.00410	0.00301	<0.00200	<0.00400	
MW - 20	02/08/18	0.0134	<0.00200	<0.00200	0.00887	
MW - 20	05/21/18	0.00150	<0.0100	0.0150	<0.0200	
MW - 20	08/08/18	<0.00100	<0.0100	<0.00500	<0.0200	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 20	11/12/18	0.00221	<0.0100	<0.00500	<0.0200	
MW - 20	02/13/19	<0.00100	<0.00100	0.00521	0.00424	
MW - 20	05/08/19	<0.00100	<0.00100	0.00872	0.0105	
MW - 20	08/07/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 20	11/06/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 20	03/04/20	<0.00100	<0.00100	0.00507	0.00211	
MW - 20	06/18/20	<0.00100	<0.00500	<0.00500	<0.00500	
MW - 20	08/13/20	<0.00100	0.00102	<0.00100	<0.00200	
MW - 20	12/09/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 20	02/11/21	<0.00100	0.00149	<0.00100	<0.00200	
MW - 20	06/10/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 20	09/23/21	<0.00100	<0.00100	<0.00100	0.00345	
MW - 20	12/06/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 21	06/20/02	0.0370	<0.001	0.0010	<0.001	0.002
MW - 21	09/26/02	0.1560	<0.001	0.0540	<0.001	<0.001
MW - 21	11/12/02	0.0820	<0.001	0.0650	0.0030	<0.001
MW - 21	02/12/03	0.0780	<0.001	0.0720	0.0030	<0.001
MW - 21	05/14/03	0.0860	<0.001	0.0720	0.0040	<0.001
MW - 21	08/21/03	0.1040	<0.001	0.0740	0.0040	<0.001
MW - 21	12/10/03	0.0880	<0.001	0.0380	<0.002	<0.001
MW - 21	02/11/04	0.0720	<0.001	0.0410	<0.002	<0.001
MW - 21	05/11/04	0.0845	<0.001	0.0449	<0.002	<0.001
MW - 21	08/25/04	0.1080	<0.001	0.0214	<0.002	<0.001
MW - 21	12/02/04	0.0533	<0.005	<0.005	0.0070	
MW - 21	03/08/05	<0.1	<0.1	<0.1	<0.1	
MW - 21	06/08/05	0.0105	<0.01	<0.01	<0.01	
MW - 21	09/15/05	0.0186	<0.001	<0.001	<0.001	
MW - 21	12/12/05	0.0082	<0.001	<0.001	0.0059	
MW - 21	03/16/06	Not Sampled				
MW - 21	06/15/06	<0.02	<0.02	<0.02	<0.02	
MW - 21	09/30/06	0.0059	<0.005	<0.005	0.0107	
MW - 21	12/01/06	0.3280	<0.01	0.1130	<0.01	
MW - 21	02/27/07	<0.02	<0.02	<0.02	<0.02	
MW - 21	05/22/07	<0.005	<0.005	<0.005	<0.005	
MW - 21	08/15/07	<0.01	<0.01	<0.01	<0.01	
MW - 21	11/06/07	<0.001	<0.001	<0.001	0.0014	
MW - 21	02/12/08	0.0017	<0.001	0.0022	0.0010	
MW - 21	05/13/08	0.0024	<0.001	0.0017	<0.001	
MW - 21	08/14/08	0.0038	<0.001	0.0040	0.0072	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 21	11/12/08	0.0054	<0.001	<0.001	0.0073	
MW - 21	02/10/09	<0.005	<0.005	<0.005	<0.005	
MW - 21	05/12/09	<0.001	<0.001	<0.001	0.0134	
MW - 21	08/10/09	0.0073	<0.001	<0.001	0.0077	
MW - 21	11/18/09	0.0068	<0.001	0.0019	<0.001	
MW - 21	02/09/10	0.0097	<0.001	<0.001	0.0035	
MW - 21	05/13/10	0.0054	<0.001	<0.001	0.0113	
MW - 21	08/11/10	<0.001	<0.001	<0.001	<0.001	
MW - 21	11/11/10	<0.0500	<0.0500	<0.0500	<0.0500	
MW - 21	02/16/11	<0.001	<0.001	<0.001	0.0216	
MW - 21	05/19/11	0.0184	<0.001	<0.001	0.0156	
MW - 21	08/10/11	0.0071	<0.001	<0.001	<0.001	
MW - 21	11/16/11	0.0040	<0.001	<0.001	<0.001	
MW - 21	02/29/12	0.0146	<0.001	<0.001	<0.001	
MW - 21	05/02/12	0.0148	<0.001	<0.001	<0.001	
MW - 21	08/10/12	Not Sampled due to Site Excavation				
MW - 21	12/06/12	<0.005	<0.005	<0.005	<0.005	
MW - 21	02/13/13	<0.005	<0.005	<0.005	<0.005	
MW - 21	05/22/13	0.0072	<0.00100	<0.00100	0.0116	
MW - 21	08/13/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 21	11/21/13	0.00650	<0.00500	<0.00500	<0.0150	
MW - 21	02/04/14	0.00570	<0.00100	<0.00100	<0.00300	
MW - 21	05/14/14	0.00180	<0.00100	<0.00100	<0.00300	
MW - 21	08/05/14	<0.0100	<0.0100	<0.0100	<0.0100	
MW - 21	11/20/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 21	02/09/15	0.00110	<0.00100	<0.00100	<0.00100	
MW - 21	05/27/15	<0.0200	<0.0200	<0.0200	<0.0200	
MW - 21	08/03/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 21	11/18/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 21	02/24/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 21	06/07/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 21	08/02/16	<0.0100	<0.0100	<0.0100	<0.0100	
MW - 21	11/08/16	<0.00500	<0.00500	<0.00500	<0.00500	
MW - 21	03/01/17	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 21	05/23/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 21	08/17/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 21	11/14/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 21	02/08/18	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 21	05/21/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 21	08/08/18	<0.00100	<0.0100	<0.00500	<0.0200	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 21	11/12/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 21	02/12/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 21	05/08/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 21	08/07/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 21	11/06/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 21	03/04/20	<0.00100	<0.00100	0.00117	0.00119	
MW - 21	06/17/20	Not Sampled on Current Sample Schedule				
MW - 21	08/12/20	Not Sampled on Current Sample Schedule				
MW - 21	12/09/20	Not Sampled on Current Sample Schedule				
MW - 21	02/10/21	Not Sampled on Current Sample Schedule				
MW - 21	06/10/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 21	09/23/21	Not Sampled on Current Sample Schedule				
MW - 21	12/06/21	Not Sampled on Current Sample Schedule				
MW - 22	06/20/02	<0.001	0.002	<0.001	<0.001	<0.001
MW - 22	09/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 22	11/12/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 22	02/12/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 22	05/14/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 22	08/21/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 22	12/10/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 22	02/11/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 22	12/03/04	<0.001	<0.001	<0.001	<0.001	
MW - 22	03/08/05	Not Sampled on Current Sample Schedule				
MW - 22	06/08/05	<0.005	<0.005	<0.005	<0.005	
MW - 22	09/15/05	Not Sampled on Current Sample Schedule				
MW - 22	12/12/05	<0.001	<0.001	<0.001	<0.001	
MW - 22	03/16/06	Not Sampled on Current Sample Schedule				
MW - 22	06/15/06	0.0010	<0.001	<0.001	0.0011	
MW - 22	09/30/06	Not Sampled on Current Sample Schedule				
MW - 22	12/01/06	0.3120	<0.01	0.0793	<0.01	
MW - 22	02/27/07	<0.005	<0.005	<0.005	<0.005	
MW - 22	05/22/07	<0.005	<0.005	<0.005	<0.005	
MW - 22	08/15/07	Not Sampled on Current Sample Schedule				
MW - 22	11/06/07	0.0029	<0.001	0.0017	0.0046	
MW - 22	02/12/08	Not Sampled on Current Sample Schedule				
MW - 22	05/13/08	<0.001	<0.001	<0.001	<0.001	
MW - 22	08/14/08	Not Sampled on Current Sample Schedule				
MW - 22	11/12/08	<0.001	<0.001	<0.001	<0.001	
MW - 22	02/10/09	Not Sampled on Current Sample Schedule				

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 22	05/12/09	<0.001	<0.001	<0.001	<0.001	
MW - 22	08/10/09	Not Sampled on Current Sample Schedule				
MW - 22	11/17/09	<0.001	<0.001	<0.001	0.0012	
MW - 22	02/09/10	Not Sampled on Current Sample Schedule				
MW - 22	05/13/10	<0.001	<0.001	<0.001	0.0057	
MW - 22	08/11/10	Not Sampled on Current Sample Schedule				
MW - 22	11/11/10	<0.0200	<0.0200	<0.0200	<0.0200	
MW - 22	02/16/11	Not Sampled on Current Sample Schedule				
MW - 22	05/19/11	<0.001	<0.001	<0.001	0.0154	
MW - 22	08/10/11	Not Sampled on Current Sample Schedule				
MW - 22	11/16/11	<0.001	<0.001	<0.001	<0.001	
MW - 22	02/29/12	Not Sampled on Current Sample Schedule				
MW - 22	05/02/12	<0.001	<0.001	<0.001	<0.001	
MW - 22	08/10/12	Not Sampled due to Site Excavation				
MW - 22	12/06/12	<0.001	<0.001	<0.001	<0.001	
MW - 22	02/13/13	Not Sampled on Current Sample Schedule				
MW - 22	05/22/13	<0.001	<0.001	<0.001	<0.001	
MW - 22	08/13/13	Not Sampled on Current Sample Schedule				
MW - 22	11/21/13	<0.001	<0.001	<0.001	<0.00300	
MW - 22	02/04/14	Not Sampled on Current Sample Schedule				
MW - 22	05/14/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 22	08/05/14	Not Sampled on Current Sample Schedule				
MW - 22	11/19/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 22	02/09/15	Not Sampled on Current Sample Schedule				
MW - 22	05/27/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 22	08/03/15	Not Sampled on Current Sample Schedule				
MW - 22	11/18/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 22	02/24/16	Not Sampled on Current Sample Schedule				
MW - 22	06/07/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 22	08/02/16	Not Sampled on Current Sample Schedule				
MW - 22	11/08/16	<0.00500	<0.00500	<0.00500	<0.00500	
MW - 22	03/01/17	Not Sampled on Current Sample Schedule				
MW - 22	05/23/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 22	08/17/17	Not Sampled on Current Sample Schedule				
MW - 22	11/14/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 22	02/08/18	Not Sampled on Current Sample Schedule				
MW - 22	05/21/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 22	08/08/18	Not Sampled on Current Sample Schedule				
MW - 22	11/12/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 22	02/12/19	Not Sampled on Current Sample Schedule				

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 22	05/07/19	<0.00100	<0.00100	<0.00100	0.00212	
MW - 22	08/07/19	Not Sampled on Current Sample Schedule				
MW - 22	11/06/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 22	03/04/20	Not Sampled on Current Sample Schedule				
MW - 22	06/17/20	P&A				
MW - 22	08/12/20	P&A				
MW - 22	12/09/20	P&A				
MW - 23	06/20/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	09/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	11/12/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	02/12/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	05/14/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	08/21/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	12/10/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 23	02/11/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 23	12/03/04	<0.001	<0.001	<0.001	<0.001	
MW - 23	03/08/05	Not Sampled on Current Sample Schedule				
MW - 23	06/08/05	<0.001	<0.001	<0.001	<0.001	
MW - 23	09/15/05	Not Sampled on Current Sample Schedule				
MW - 23	12/12/05	<0.001	<0.001	<0.001	<0.001	
MW - 23	03/16/06	Not Sampled on Current Sample Schedule				
MW - 23	06/15/06	<0.001	<0.001	<0.001	<0.001	
MW - 23	09/30/06	<0.001	<0.001	0.0121	0.0118	
MW - 23	12/01/06	0.0236	<0.01	0.0745	<0.01	
MW - 23	02/27/07	<0.005	<0.005	<0.005	<0.005	
MW - 23	05/22/07	<0.005	<0.005	<0.005	<0.005	
MW - 23	08/15/07	Not Sampled on Current Sample Schedule				
MW - 23	11/06/07	<0.001	<0.001	<0.001	<0.001	
MW - 23	02/12/08	Not Sampled on Current Sample Schedule				
MW - 23	05/13/08	<0.001	<0.001	<0.001	<0.001	
MW - 23	08/14/08	Not Sampled on Current Sample Schedule				
MW - 23	11/12/08	<0.001	<0.001	<0.001	<0.001	
MW - 23	02/10/09	Not Sampled on Current Sample Schedule				
MW - 23	05/12/09	<0.001	<0.001	<0.001	<0.001	
MW - 23	08/10/09	Not Sampled on Current Sample Schedule				
MW - 23	11/17/09	<0.001	<0.001	<0.001	<0.001	
MW - 23	02/09/10	Not Sampled on Current Sample Schedule				
MW - 23	05/13/10	<0.001	<0.001	<0.001	<0.001	
MW - 23	08/11/10	Not Sampled on Current Sample Schedule				

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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	11/11/10	<0.0200	<0.0200	<0.0200	<0.0200	
MW - 23	02/16/11	Not Sampled on Current Sample Schedule				
MW - 23	05/19/11	<0.001	<0.001	<0.001	<0.001	
MW - 23	08/10/12	Not Sampled on Current Sample Schedule				
MW - 23	11/16/11	<0.001	<0.001	<0.001	<0.001	
MW - 23	02/29/12	Not Sampled on Current Sample Schedule				
MW - 23	05/02/12	<0.001	<0.001	<0.001	<0.001	
MW - 23	08/10/12	Not Sampled due to Site Excavation				
MW - 23	12/07/12	<0.001	<0.001	<0.001	<0.001	
MW - 23	02/13/13	Not Sampled on Current Sample Schedule				
MW - 23	05/22/13	<0.001	<0.001	<0.001	<0.001	
MW - 23	08/13/13	Not Sampled on Current Sample Schedule				
MW - 23	11/21/13	<0.001	<0.001	<0.001	<0.00300	
MW - 23	02/04/14	Not Sampled on Current Sample Schedule				
MW - 23	05/14/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 23	08/05/14	Not Sampled on Current Sample Schedule				
MW - 23	11/19/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 23	02/09/15	Not Sampled on Current Sample Schedule				
MW - 23	05/27/15	<0.00500	<0.00500	<0.00500	<0.00500	
MW - 23	08/03/15	Not Sampled on Current Sample Schedule				
MW - 23	11/18/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 23	02/24/16	Not Sampled on Current Sample Schedule				
MW - 23	06/07/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 23	08/02/16	Not Sampled on Current Sample Schedule				
MW - 23	11/08/16	<0.0100	<0.0100	<0.0100	<0.0100	
MW - 23	03/01/17	Not Sampled on Current Sample Schedule				
MW - 23	05/23/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 23	08/17/17	Not Sampled on Current Sample Schedule				
MW - 23	11/14/17	0.00294	<0.00200	<0.00200	<0.00400	
MW - 23	02/08/18	Not Sampled on Current Sample Schedule				
MW - 23	05/21/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 23	08/08/18	Not Sampled on Current Sample Schedule				
MW - 23	11/12/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 23	02/12/19	Not Sampled on Current Sample Schedule				
MW - 23	05/07/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 23	08/07/19	Not Sampled on Current Sample Schedule				
MW - 23	11/06/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 23	03/04/20	Not Sampled on Current Sample Schedule				
MW - 23	06/17/20	<0.00100	<0.00500	<0.00500	<0.00500	
MW - 23	08/12/20	Not Sampled on Current Sample Schedule				

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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	12/09/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 23	02/10/21	Not Sampled on Current Sample Schedule				
MW - 23	06/10/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 23	09/23/21	Not Sampled on Current Sample Schedule				
MW - 23	12/06/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 24	06/20/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 24	09/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 24	11/12/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 24	02/12/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 24	05/14/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 24	08/21/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 24	12/10/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 24	02/11/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 24	12/03/04	<0.001	<0.001	<0.001	<0.001	
MW - 24	03/08/05	Not Sampled on Current Sample Schedule				
MW - 24	06/08/05	<0.001	<0.001	<0.001	<0.001	
MW - 24	09/15/05	Not Sampled on Current Sample Schedule				
MW - 24	12/12/05	<0.001	<0.001	<0.001	<0.001	
MW - 24	03/16/06	Not Sampled on Current Sample Schedule				
MW - 24	06/15/06	Not Sampled on Current Sample Schedule				
MW - 24	09/30/06	Not Sampled on Current Sample Schedule				
MW - 24	12/01/06	<0.01	<0.01	<0.01	<0.01	
MW - 24	02/27/07	Not Sampled on Current Sample Schedule				
MW - 24	05/22/07	Not Sampled on Current Sample Schedule				
MW - 24	08/15/07	Not Sampled on Current Sample Schedule				
MW - 24	11/06/07	<0.001	<0.001	<0.001	<0.001	
MW - 24	02/12/08	Not Sampled on Current Sample Schedule				
MW - 24	05/13/08	Not Sampled on Current Sample Schedule				
MW - 24	08/14/08	Not Sampled on Current Sample Schedule				
MW - 24	11/12/08	<0.001	<0.001	<0.001	<0.001	
MW - 24	02/10/09	Not Sampled on Current Sample Schedule				
MW - 24	05/12/09	Not Sampled on Current Sample Schedule				
MW - 24	08/10/09	Not Sampled on Current Sample Schedule				
MW - 24	11/17/09	<0.001	<0.001	<0.001	<0.001	
MW - 24	02/09/10	Not Sampled on Current Sample Schedule				
MW - 24	05/13/10	Not Sampled on Current Sample Schedule				
MW - 24	08/11/10	Not Sampled on Current Sample Schedule				
MW - 24	11/11/10	<0.001	<0.001	<0.001	<0.001	
MW - 24	02/16/11	Not Sampled on Current Sample Schedule				

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 24	05/19/11	Not Sampled on Current Sample Schedule				
MW - 24	08/10/11	Not Sampled on Current Sample Schedule				
MW - 24	11/16/11	<0.001	<0.001	<0.001	<0.001	
MW - 24	02/29/12	Not Sampled on Current Sample Schedule				
MW - 24	05/02/12	Not Sampled on Current Sample Schedule				
MW - 24	08/10/12	Not Sampled due to Site Excavation				
MW - 24	12/06/12	<0.001	<0.001	<0.001	<0.001	
MW - 24	02/13/13	Not Sampled on Current Sample Schedule				
MW - 24	05/22/13	Not Sampled on Current Sample Schedule				
MW - 24	08/13/13	Not Sampled on Current Sample Schedule				
MW - 24	11/21/13	<0.001	<0.001	<0.001	<0.00300	
MW - 24	02/04/14	Not Sampled on Current Sample Schedule				
MW - 24	05/14/14	Not Sampled on Current Sample Schedule				
MW - 24	08/05/14	Not Sampled on Current Sample Schedule				
MW - 24	11/19/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 24	02/09/15	Not Sampled on Current Sample Schedule				
MW - 24	05/27/15	Not Sampled on Current Sample Schedule				
MW - 24	08/03/15	Not Sampled on Current Sample Schedule				
MW - 24	11/18/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 24	02/24/16	Not Sampled on Current Sample Schedule				
MW - 24	06/07/16	Not Sampled on Current Sample Schedule				
MW - 24	08/02/16	Not Sampled on Current Sample Schedule				
MW - 24	11/08/16	<0.00500	<0.00500	<0.00500	<0.00500	
MW - 24	03/01/17	Not Sampled on Current Sample Schedule				
MW - 24	05/23/17	Not Sampled on Current Sample Schedule				
MW - 24	08/17/17	Not Sampled on Current Sample Schedule				
MW - 24	11/14/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 24	02/08/18	Not Sampled on Current Sample Schedule				
MW - 24	05/21/18	Not Sampled on Current Sample Schedule				
MW - 24	08/08/18	Not Sampled on Current Sample Schedule				
MW - 24	11/12/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 24	02/12/19	Not Sampled on Current Sample Schedule				
MW - 24	05/07/19	Not Sampled on Current Sample Schedule				
MW - 24	08/07/19	Not Sampled on Current Sample Schedule				
MW - 24	11/06/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 24	03/04/20	Not Sampled on Current Sample Schedule				
MW - 24	06/17/20	P&A				
MW - 24	08/12/20	P&A				
MW - 24	12/09/20	P&A				

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 25	06/20/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 25	09/26/02	<0.01	<0.01	<0.01	<0.01	
MW - 25	11/12/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 25	02/12/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 25	05/14/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 25	08/21/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 25	12/10/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 25	02/11/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 25	12/03/04	<0.001	<0.001	<0.001	<0.001	
MW - 25	03/08/05	Not Sampled on Current Sample Schedule				
MW - 25	06/08/05	<0.001	<0.001	<0.001	<0.001	
MW - 25	09/15/05	Not Sampled on Current Sample Schedule				
MW - 25	12/12/05	<0.001	<0.001	<0.001	<0.001	
MW - 25	03/16/06	Not Sampled on Current Sample Schedule				
MW - 25	06/15/06	<0.001	<0.001	<0.001	<0.001	
MW - 25	09/30/06	Not Sampled on Current Sample Schedule				
MW - 25	12/01/06	<0.005	<0.005	<0.005	<0.005	
MW - 25	02/27/07	Not Sampled on Current Sample Schedule				
MW - 25	05/22/07	<0.005	<0.005	<0.005	<0.005	
MW - 25	08/15/07	Not Sampled on Current Sample Schedule				
MW - 25	11/06/07	<0.001	<0.001	<0.001	<0.001	
MW - 25	02/12/08	Not Sampled on Current Sample Schedule				
MW - 25	05/13/08	<0.001	<0.001	<0.001	<0.001	
MW - 25	08/14/08	Not Sampled on Current Sample Schedule				
MW - 25	11/12/08	<0.001	<0.001	<0.001	<0.001	
MW - 25	02/10/09	Not Sampled on Current Sample Schedule				
MW - 25	05/12/09	<0.001	<0.001	<0.001	<0.001	
MW - 25	08/10/09	Not Sampled on Current Sample Schedule				
MW - 25	11/17/09	<0.001	<0.001	<0.001	<0.001	
MW - 25	02/09/10	Not Sampled on Current Sample Schedule				
MW - 25	05/13/10	<0.001	<0.001	<0.001	<0.001	
MW - 25	08/11/10	Not Sampled on Current Sample Schedule				
MW - 25	11/11/10	<0.005	<0.005	<0.005	<0.005	
MW - 25	02/16/11	Not Sampled on Current Sample Schedule				
MW - 25	05/19/11	<0.001	<0.001	<0.001	<0.001	
MW - 25	08/10/11	Not Sampled on Current Sample Schedule				
MW - 25	11/16/11	<0.001	<0.001	<0.001	<0.001	
MW - 25	02/29/12	Not Sampled on Current Sample Schedule				
MW - 25	05/02/12	<0.001	<0.001	<0.001	<0.001	
MW - 25	08/10/12	Not Sampled due to Site Excavation				

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 25	12/07/12	<0.001	<0.001	<0.001	<0.001	
MW - 25	02/13/13	Not Sampled on Current Sample Schedule				
MW - 25	05/22/13	<0.001	<0.001	<0.001	<0.001	
MW - 25	08/13/13	Not Sampled on Current Sample Schedule				
MW - 25	11/21/13	<0.001	<0.001	<0.001	<0.00300	
MW - 25	02/04/14	Not Sampled on Current Sample Schedule				
MW - 25	05/14/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 25	08/05/14	Not Sampled on Current Sample Schedule				
MW - 25	11/19/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 25	02/09/15	Not Sampled on Current Sample Schedule				
MW - 25	05/27/15	<0.00500	<0.00500	<0.00500	<0.00500	
MW - 25	08/03/15	Not Sampled on Current Sample Schedule				
MW - 25	11/18/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 25	02/24/16	Not Sampled on Current Sample Schedule				
MW - 25	06/07/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 25	08/02/16	Not Sampled on Current Sample Schedule				
MW - 25	11/08/16	<0.00500	<0.00500	<0.00500	<0.00500	
MW - 25	03/01/17	Not Sampled on Current Sample Schedule				
MW - 25	05/23/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 25	08/17/17	Not Sampled on Current Sample Schedule				
MW - 25	11/14/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 25	02/08/18	Not Sampled on Current Sample Schedule				
MW - 25	05/21/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 25	08/08/18	Not Sampled on Current Sample Schedule				
MW - 25	11/12/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 25	02/12/19	Not Sampled on Current Sample Schedule				
MW - 25	05/07/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 25	08/07/19	Not Sampled on Current Sample Schedule				
MW - 25	11/06/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 25	03/04/20	Not Sampled on Current Sample Schedule				
MW - 25	06/17/20	<0.00100	<0.00500	<0.00500	<0.00500	
MW - 25	08/12/20	Not Sampled on Current Sample Schedule				
MW - 25	12/09/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 25	02/10/21	Not Sampled on Current Sample Schedule				
MW - 25	06/10/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 25	09/23/21	Not Sampled on Current Sample Schedule				
MW - 25	12/07/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 26	06/20/02	0.0650	<0.001	0.0100	<0.001	0.004
MW - 26	09/26/02	0.1410	<0.001	0.0260	<0.001	<0.001

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HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
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LEA COUNTY, NM
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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 - 26	11/12/02	0.0850	<0.001	0.0220	<0.001	<0.001
MW - 26	02/12/03	0.0340	<0.001	0.0170	<0.001	<0.001
MW - 26	05/14/03	0.0550	<0.001	0.0200	0.0010	<0.001
MW - 26	08/21/03	0.0420	<0.001	0.0240	<0.001	<0.001
MW - 26	12/10/03	0.0400	<0.001	0.0140	<0.002	<0.001
MW - 26	02/11/04	0.0970	<0.001	0.0230	<0.002	<0.001
MW - 26	05/11/04	0.0493	<0.001	0.0124	<0.002	<0.001
MW - 26	08/25/04	0.0119	<0.001	0.0024	<0.002	<0.001
MW - 26	12/03/04	0.0322	<0.001	0.0137	0.0071	
MW - 26	03/08/05	<0.05	<0.05	<0.05	<0.05	
MW - 26	06/08/05	<0.005	<0.005	<0.005	<0.005	
MW - 26	09/15/05	0.0048	<0.001	0.0055	<0.001	
MW - 26	12/12/05	0.0038	<0.001	0.0034	<0.001	
MW - 26	03/16/06	Not Sampled				
MW - 26	06/15/06	0.0061	<0.001	0.0032	0.0070	
MW - 26	09/30/06	<0.001	<0.001	0.0083	0.0130	
MW - 26	12/01/06	0.3240	<0.001	0.1190	<0.001	
MW - 26	02/27/07	<0.02	<0.02	<0.02	<0.02	
MW - 26	05/22/07	<0.005	<0.005	<0.005	<0.005	
MW - 26	08/15/07	<0.1	<0.1	<0.1	<0.1	
MW - 26	11/06/07	0.0020	<0.001	0.0011	0.0082	
MW - 26	02/12/08	0.0047	<0.001	0.0067	0.0082	
MW - 26	05/13/08	0.0063	<0.001	0.0020	<0.001	
MW - 26	08/14/08	0.0050	<0.001	0.0022	0.0065	
MW - 26	11/12/08	0.0071	<0.001	<0.001	0.0050	
MW - 26	02/10/09	Not Sampled				
MW - 26	05/12/09	0.0073	<0.001	0.0060	<0.001	
MW - 26	08/10/09	0.0078	<0.001	0.0045	0.0940	
MW - 26	11/18/09	0.0022	<0.001	<0.001	<0.001	
MW - 26	02/09/10	0.0044	<0.001	<0.001	0.0040	
MW - 26	05/13/10	0.0049	<0.001	0.0022	0.0110	
MW - 26	08/11/10	<0.001	<0.001	<0.001	<0.001	
MW - 26	11/11/10	<0.005	<0.005	<0.005	<0.005	
MW - 26	02/16/11	0.0084	<0.001	<0.001	0.0254	
MW - 26	05/19/11	0.0114	<0.001	<0.001	0.0158	
MW - 26	08/10/11	0.0050	<0.001	<0.001	<0.001	
MW - 26	11/16/11	0.0025	<0.001	<0.001	<0.001	
MW - 26	02/29/12	0.0086	<0.001	<0.001	<0.001	
MW - 26	05/02/12	0.0051	<0.001	<0.001	<0.001	
MW - 26	08/10/12	Not Sampled due to Site Excavation				

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 26	12/06/12	<0.001	<0.001	<0.001	<0.001	
MW - 26	02/13/13	<0.001	<0.001	<0.001	<0.001	
MW - 26	05/22/13	<0.001	<0.001	<0.001	<0.001	
MW - 26	08/13/13	<0.0100	<0.0100	<0.0100	<0.0100	
MW - 26	11/21/13	0.00190	<0.00100	<0.00100	0.00310	
MW - 26	02/04/14	0.00280	<0.00100	<0.00100	0.00720	
MW - 26	05/14/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 26	08/05/14	<0.00500	<0.00500	<0.00500	<0.00500	
MW - 26	11/20/14	0.00430	<0.00100	<0.00100	<0.00100	
MW - 26	02/09/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 26	05/27/15	<0.0200	<0.0200	<0.0200	<0.0200	
MW - 26	08/03/15	<0.00500	<0.00500	<0.00500	<0.00500	
MW - 26	11/18/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 26	02/24/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 26	06/07/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 26	08/02/16	<0.0100	<0.0100	<0.0100	<0.0100	
MW - 26	11/08/16	<0.0100	<0.0100	<0.0100	<0.0100	
MW - 26	03/01/17	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 26	05/23/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 26	08/17/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 26	11/14/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 26	02/08/18	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 26	05/21/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 26	08/08/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 26	11/12/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 26	02/12/19	<0.00100	<0.00100	0.00167	0.00205	
MW - 26	05/08/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 26	08/07/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 26	11/06/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 26	03/04/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 26	06/17/20	Not Sampled on Current Sample Schedule				
MW - 26	08/12/20	Not Sampled on Current Sample Schedule				
MW - 26	12/09/20	Not Sampled on Current Sample Schedule				
MW - 26	02/10/21	Not Sampled on Current Sample Schedule				
MW - 26	06/10/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 26	09/23/21	Not Sampled on Current Sample Schedule				
MW - 26	12/06/21	Not Sampled on Current Sample Schedule				
MW - 27	06/20/02	0.0020	<0.001	0.0040	<0.001	<0.001
MW - 27	09/26/02	0.0010	<0.001	0.0050	<0.001	<0.001

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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	11/12/02	0.0020	<0.001	0.0070	<0.001	<0.001
MW - 27	02/12/03	0.0020	<0.001	0.0060	<0.001	<0.001
MW - 27	05/14/03	0.0010	<0.001	0.0080	<0.001	<0.001
MW - 27	08/21/03	0.0020	<0.001	0.0100	0.0010	<0.001
MW - 27	12/10/03	0.0030	<0.001	0.0070	<0.002	<0.001
MW - 27	02/11/04	0.0019	<0.001	0.0074	<0.002	<0.001
MW - 27	12/03/04	<0.001	<0.001	0.0021	0.0030	
MW - 27	03/08/05	Not Sampled on Current Sample Schedule				
MW - 27	06/08/05	0.0010	<0.001	0.0031	0.0017	
MW - 27	09/15/05	Not Sampled on Current Sample Schedule				
MW - 27	12/12/05	<0.001	<0.001	0.0037	<0.001	
MW - 27	03/16/06	Not Sampled on Current Sample Schedule				
MW - 27	06/15/06	<0.001	<0.001	0.0010	<0.001	
MW - 27	09/30/06	Not Sampled on Current Sample Schedule				
MW - 27	12/01/06	<0.01	<0.01	<0.01	<0.01	
MW - 27	02/27/07	Not Sampled on Current Sample Schedule				
MW - 27	05/22/07	<0.005	<0.005	<0.005	<0.005	
MW - 27	08/15/07	Not Sampled on Current Sample Schedule				
MW - 27	11/06/07	<0.001	<0.001	<0.001	0.0022	
MW - 27	02/12/08	Not Sampled on Current Sample Schedule				
MW - 27	05/13/08	0.0011	<0.001	<0.001	<0.001	
MW - 27	08/14/08	Not Sampled on Current Sample Schedule				
MW - 27	11/12/08	0.0011	<0.001	<0.001	<0.001	
MW - 27	02/10/09	<0.005	<0.005	<0.005	<0.005	
MW - 27	05/12/09	<0.001	<0.001	<0.001	<0.001	
MW - 27	08/10/09	Not Sampled on Current Sample Schedule				
MW - 27	11/17/09	<0.001	<0.001	<0.001	<0.001	
MW - 27	02/09/10	Not Sampled on Current Sample Schedule				
MW - 27	05/13/10	<0.001	<0.001	<0.001	<0.001	
MW - 27	08/11/10	Not Sampled on Current Sample Schedule				
MW - 27	11/11/10	<0.0100	<0.0100	<0.0100	<0.0100	
MW - 27	02/16/11	Not Sampled on Current Sample Schedule				
MW - 27	05/19/11	<0.001	<0.001	<0.001	<0.0100	
MW - 27	08/10/11	Not Sampled on Current Sample Schedule				
MW - 27	11/16/11	<0.001	<0.001	<0.001	<0.001	
MW - 27	02/29/12	Not Sampled on Current Sample Schedule				
MW - 27	05/02/12	<0.001	<0.001	<0.001	<0.001	
MW - 27	08/10/12	Not Sampled due to Site Excavation				
MW - 27	12/06/12	<0.001	<0.001	<0.001	<0.001	
MW - 27	02/13/13	Not Sampled on Current Sample Schedule				

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HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
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TNM 97-17
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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	05/22/13	<0.001	<0.001	<0.001	<0.001	
MW - 27	08/13/13	Not Sampled on Current Sample Schedule				
MW - 27	11/21/13	<0.001	<0.001	<0.001	<0.00300	
MW - 27	02/04/14	Not Sampled on Current Sample Schedule				
MW - 27	05/14/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 27	08/05/14	Not Sampled on Current Sample Schedule				
MW - 27	11/19/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 27	02/09/15	Not Sampled on Current Sample Schedule				
MW - 27	05/27/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 27	08/03/15	Not Sampled on Current Sample Schedule				
MW - 27	11/18/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 27	02/24/16	Not Sampled on Current Sample Schedule				
MW - 27	06/07/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 27	08/02/16	Not Sampled on Current Sample Schedule				
MW - 27	11/08/16	<0.00500	<0.00500	<0.00500	<0.00500	
MW - 27	03/01/17	Not Sampled on Current Sample Schedule				
MW - 27	05/23/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 27	08/17/17	Not Sampled on Current Sample Schedule				
MW - 27	11/14/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 27	02/08/18	Not Sampled on Current Sample Schedule				
MW - 27	05/21/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 27	08/08/18	Not Sampled on Current Sample Schedule				
MW - 27	11/12/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 27	02/12/19	Not Sampled on Current Sample Schedule				
MW - 27	05/07/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 27	08/07/19	Not Sampled on Current Sample Schedule				
MW - 27	11/06/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 27	03/04/20	Not Sampled on Current Sample Schedule				
MW - 27	06/17/20	<0.00100	<0.00500	<0.00500	<0.00500	
MW - 27	08/12/20	Not Sampled on Current Sample Schedule				
MW - 27	12/09/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 27	02/10/21	Not Sampled on Current Sample Schedule				
MW - 27	06/10/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 27	09/23/21	Not Sampled on Current Sample Schedule				
MW - 27	12/06/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 28	06/20/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 28	09/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 28	11/12/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 28	02/12/03	<0.001	<0.001	<0.001	<0.001	<0.001

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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	05/14/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 28	08/21/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 28	12/10/03	<0.001	<0.001	<0.001	<0.002	<0.001	
MW - 28	02/11/04	<0.001	<0.001	<0.001	<0.002	<0.001	
MW - 28	12/03/04	<0.001	<0.001	<0.001	<0.001		
MW - 28	03/08/05	Not Sampled on Current Sample Schedule					
MW - 28	06/08/05	Not Sampled on Current Sample Schedule					
MW - 28	09/15/05	Not Sampled on Current Sample Schedule					
MW - 28	12/12/05	<0.001	<0.001	<0.001	<0.001		
MW - 28	03/16/06	Not Sampled on Current Sample Schedule					
MW - 28	06/15/06	Not Sampled on Current Sample Schedule					
MW - 28	09/30/06	Not Sampled on Current Sample Schedule					
MW - 28	12/01/06	<0.01	<0.01	<0.01	<0.01		
MW - 28	02/27/07	Not Sampled on Current Sample Schedule					
MW - 28	05/22/07	Not Sampled on Current Sample Schedule					
MW - 28	08/15/07	Not Sampled on Current Sample Schedule					
MW - 28	11/06/07	<0.001	<0.001	<0.001	<0.001		
MW - 28	02/12/08	Not Sampled on Current Sample Schedule					
MW - 28	05/13/08	Not Sampled on Current Sample Schedule					
MW - 28	08/14/08	Not Sampled on Current Sample Schedule					
MW - 28	11/12/08	<0.001	<0.001	<0.001	<0.001		
MW - 28	02/10/09	Not Sampled on Current Sample Schedule					
MW - 28	05/12/09	<0.001	<0.001	<0.001	<0.001		
MW - 28	08/10/09	Not Sampled on Current Sample Schedule					
MW - 28	11/18/09	<0.001	<0.001	<0.001	<0.001		
MW - 28	02/09/10	Not Sampled on Current Sample Schedule					
MW - 28	05/13/10	Not Sampled on Current Sample Schedule					
MW - 28	08/11/10	Not Sampled on Current Sample Schedule					
MW - 28	11/11/10	<0.001	<0.001	<0.001	<0.001		
MW - 28	02/16/11	Not Sampled on Current Sample Schedule					
MW - 28	05/19/11	Not Sampled on Current Sample Schedule					
MW - 28	08/10/11	Not Sampled on Current Sample Schedule					
MW - 28	11/16/11	<0.001	<0.001	<0.001	<0.001		
MW - 28	02/29/12	Not Sampled on Current Sample Schedule					
MW - 28	05/02/12	Not Sampled on Current Sample Schedule					
MW - 28	08/10/12	Not Sampled due to Site Excavation					
MW - 28	12/06/12	<0.001	<0.001	<0.001	<0.001		
MW - 28	02/13/13	Not Sampled on Current Sample Schedule					
MW - 28	05/22/13	Not Sampled on Current Sample Schedule					
MW - 28	08/13/13	Not Sampled on Current Sample Schedule					

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
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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	11/21/13	<0.001	<0.001	<0.001	<0.00300	
MW - 28	02/04/14	Not Sampled on Current Sample Schedule				
MW - 28	05/14/14	Not Sampled on Current Sample Schedule				
MW - 28	08/05/14	Not Sampled on Current Sample Schedule				
MW - 28	11/19/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 28	02/09/15	Not Sampled on Current Sample Schedule				
MW - 28	05/27/15	Not Sampled on Current Sample Schedule				
MW - 28	08/03/15	Not Sampled on Current Sample Schedule				
MW - 28	11/18/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 28	02/24/16	Not Sampled on Current Sample Schedule				
MW - 28	06/07/16	Not Sampled on Current Sample Schedule				
MW - 28	08/02/16	Not Sampled on Current Sample Schedule				
MW - 28	11/08/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 28	03/01/17	Not Sampled on Current Sample Schedule				
MW - 28	05/23/17	Not Sampled on Current Sample Schedule				
MW - 28	08/17/17	Not Sampled on Current Sample Schedule				
MW - 28	11/14/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 28	02/08/18	Not Sampled on Current Sample Schedule				
MW - 28	05/21/18	Not Sampled on Current Sample Schedule				
MW - 28	08/08/18	Not Sampled on Current Sample Schedule				
MW - 28	11/12/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 28	02/12/19	Not Sampled on Current Sample Schedule				
MW - 28	05/07/19	Not Sampled on Current Sample Schedule				
MW - 28	08/07/19	Not Sampled on Current Sample Schedule				
MW - 28	11/06/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 28	03/04/20	Not Sampled on Current Sample Schedule				
MW - 28	06/17/20	Not Sampled on Current Sample Schedule				
MW - 28	08/12/20	Not Sampled on Current Sample Schedule				
MW - 28	12/09/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 28	02/10/21	Not Sampled on Current Sample Schedule				
MW - 28	06/09/21	Not Sampled on Current Sample Schedule				
MW - 28	09/23/21	Not Sampled on Current Sample Schedule				
MW - 28	12/06/21	<0.00100	<0.00100	<0.00100	<0.00200	
RW - 1	03/08/05	Not Sampled Due to PSH in Well				
RW - 1	06/08/05	Not Sampled Due to PSH in Well				
RW - 1	09/15/05	Not Sampled Due to PSH in Well				
RW - 1	12/12/05	Not Sampled Due to PSH in Well				
RW - 1	03/16/06	Not Sampled Due to PSH in Well				
RW - 1	06/15/06	Not Sampled Due to PSH in Well				

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 1	09/30/06	Not Sampled Due to PSH in Well				
RW - 1	12/01/06	Not Sampled Due to PSH in Well				
RW - 1	02/27/07	Not Sampled Due to PSH in Well				
RW - 1	05/22/07	Not Sampled Due to PSH in Well				
RW - 1	08/15/07	Not Sampled Due to PSH in Well				
RW - 1	11/06/07	Not Sampled Due to PSH in Well				
RW - 1	02/12/08	Not Sampled Due to PSH in Well				
RW - 1	05/13/08	Not Sampled Due to PSH in Well				
RW - 1	08/14/08	Not Sampled Due to PSH in Well				
RW - 1	11/12/08	0.2180	0.117	0.0721	0.0853	
RW - 1	02/10/09	Not Sampled Due to PSH in Well				
RW - 1	05/12/09	Not Sampled Due to PSH in Well				
RW - 1	08/10/09	Not Sampled Due to PSH in Well				
RW - 1	11/18/09	0.1820	<0.010	0.0367	<0.010	
RW - 1	02/09/10	0.2760	<0.010	0.0546	0.0714	
RW - 1	05/13/10	0.2520	<0.001	0.0364	<0.001	
RW - 1	08/11/10	Not Sampled Due to PSH in Well				
RW - 1	11/11/10	Not Sampled Due to PSH in Well				
RW - 1	02/16/11	Not Sampled Due to PSH in Well				
RW - 1	05/19/11	Not Sampled Due to PSH in Well				
RW - 1	08/10/11	Not Sampled Due to PSH in Well				
RW - 1	11/16/11	Not Sampled Due to PSH in Well				
RW - 1	02/29/12	Not Sampled Due to PSH in Well				
RW - 1	05/02/12	0.3220	<0.001	<0.001	<0.001	
RW - 1	08/10/12	Not Sampled due to Site Excavation				
RW - 1	12/07/12	Not Sampled Due to PSH in Well				
RW - 1	02/13/13	Not Sampled Due to PSH in Well				
RW - 1	05/22/13	0.1470	<0.00500	<0.00500	<0.00500	
RW - 1	08/13/13	0.110	<0.00100	0.00950	<0.00100	
RW - 1	11/21/13	<0.0500	<0.0500	<0.0500	<0.150	
RW - 1	02/04/14	0.0846	<0.0500	<0.0500	<0.150	
RW - 1	05/14/14	0.0642	<0.0500	<0.0500	<0.150	
RW - 1	08/05/14	0.0472	<0.00100	0.00720	0.0035	
RW - 1	11/19/14	0.2350	<0.0500	<0.0500	<0.0500	
RW - 1	02/09/15	0.0516	<0.0500	<0.0500	<0.0500	
RW - 1	05/27/15	0.0568	<0.00100	<0.00100	0.00210	
RW - 1	08/03/15	0.0303	<0.00100	0.00180	0.00130	
RW - 1	11/19/15	0.0548	<0.00100	<0.00100	<0.00100	
RW - 1	02/24/16	0.0339	0.00170	0.00220	0.0139	
RW - 1	06/07/16	0.0237	0.00170	0.00260	<0.00100	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 1	08/03/16	0.0217	<0.0100	<0.0100	<0.0100	
RW - 1	11/08/16	0.0228	<0.00500	<0.00500	<0.00500	
RW - 1	03/01/17	0.0235	0.00368	<0.00200	0.0601	
RW - 1	05/23/17	0.0769	0.00289	0.0101	0.0167	
RW - 1	08/17/17	0.0292	<0.00200	<0.00200	<0.00400	
RW - 1	11/14/17	0.0843	<0.00200	<0.00200	<0.00400	
RW - 1	02/08/18	0.0631	0.00220	<0.00200	0.01544	
RW - 1	05/22/18	0.0296	<0.0100	0.00760	<0.0200	
RW - 1	08/08/18	0.0126	<0.0100	<0.00500	<0.0200	
RW - 1	11/13/18	0.171	<0.0500	0.151	0.158	
RW - 1	02/13/19	0.0294	<0.00500	<0.00500	<0.0100	
RW - 1	05/08/19	0.0212	<0.00100	0.00473	<0.00200	
RW - 1	08/08/19	0.00258	0.00137	0.00417	0.01604	
RW - 1	11/06/19	0.00910	<0.00100	<0.00100	<0.00200	
RW - 1	03/04/20	0.0401	0.00438	0.0122	0.0422	
RW - 1	06/18/20	0.00682	<0.00500	0.00587	0.02734	
RW - 1	08/13/20	0.00953	0.00356	0.00607	0.02045	
RW - 1	12/10/20	0.00742	0.00117	<0.00100	0.00259	
RW - 1	02/11/21	0.00977	0.00630	0.0260	0.01389	
RW - 1	06/10/21	0.0116	0.00619	0.0114	0.02348	
RW - 1	09/23/21	0.00369	0.00430	0.00539	0.0261	
RW - 1	12/06/21	<0.00100	0.00298	0.00752	0.00365	
RW - 2	03/08/05	0.1400	<0.1	<0.1	<0.1	
RW - 2	06/08/05	0.0178	<0.01	0.0241	<0.01	
RW - 2	09/15/05	Not Sampled Due to PSH in Well				
RW - 2	12/12/05	Not Sampled Due to PSH in Well				
RW - 2	03/16/06	Not Sampled Due to PSH in Well				
RW - 2	06/15/06	Not Sampled Due to PSH in Well				
RW - 2	09/30/06	Not Sampled Due to PSH in Well				
RW - 2	12/01/06	Not Sampled Due to PSH in Well				
RW - 2	02/27/07	Not Sampled Due to PSH in Well				
RW - 2	05/22/07	Not Sampled Due to PSH in Well				
RW - 2	08/15/07	<0.1	<0.1	<0.1	<0.1	
RW - 2	11/06/07	0.0584	<0.001	0.0313	0.0170	
RW - 2	02/12/08	0.0559	<0.005	0.0280	0.0253	
RW - 2	05/13/08	0.0590	<0.005	0.0161	0.0056	
RW - 2	08/14/08	0.0535	<0.00100	0.0169	0.0094	
RW - 2	11/12/08	0.0521	<0.00100	0.0257	<0.010	
RW - 2	02/10/09	0.0507	<0.001	<0.001	<0.001	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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	05/12/09	0.0855	<0.005	0.0417	<0.005	
RW - 2	08/10/09	0.0709	<0.001	0.0251	0.0199	
RW - 2	11/18/09	0.1460	<0.001	0.0229	0.0058	
RW - 2	02/09/10	0.1060	<0.001	0.0201	0.0092	
RW - 2	05/13/10	0.0579	<0.001	0.0128	<0.001	
RW - 2	08/11/10	<0.100	<0.100	<0.100	<0.100	
RW - 2	11/11/10	0.0695	0.0199	0.0295	<0.005	
RW - 2	02/16/11	0.0531	<0.005	<0.005	<0.005	
RW - 2	05/19/11	0.0945	<0.005	0.0320	0.0779	
RW - 2	08/10/11	0.0572	<0.001	<0.001	<0.001	
RW - 2	11/16/11	0.0576	<0.001	0.0047	<0.001	
RW - 2	02/29/12	0.0574	<0.001	0.0086	<0.001	
RW - 2	05/02/12	0.0131	<0.001	<0.001	<0.001	
RW - 2	08/10/12	Not Sampled due to Site Excavation				
RW - 2	12/07/12	Not Sampled due to Low Water Levels				
RW - 2	02/13/13	Not Sampled due to Low Water Levels				
RW - 2	05/22/13	Not Sampled due to Low Water Levels				
RW - 2	08/13/13	Not Sampled due to Low Water Levels				
RW - 2	11/21/13	Not Sampled due to Low Water Levels				
RW - 2	02/04/14	Plugged and Abandoned				
RW - 3	05/14/03	0.1780	0.003	0.0420	0.0490	0.004
RW - 3	02/11/04	0.1650	<0.001	0.1090	0.0120	0.001
RW - 3	08/25/04	0.2200	0.002	0.0548	0.0360	0.007
RW - 3	12/03/04	0.3670	<0.100	<0.100	<0.100	
RW - 3	03/08/05	0.1830	<0.05	<0.05	<0.05	
RW - 3	06/08/05	0.0541	<0.01	0.0268	<0.01	
RW - 3	09/15/05	Not Sampled Due to PSH in Well				
RW - 3	12/12/05	Not Sampled Due to PSH in Well				
RW - 3	03/16/06	0.0910	<0.001	0.0383	0.0064	
RW - 3	06/15/06	Not Sampled Due to PSH in Well				
RW - 3	09/30/06	Not Sampled Due to PSH in Well				
RW - 3	12/01/06	Not Sampled Due to PSH in Well				
RW - 3	02/27/07	Not Sampled Due to PSH in Well				
RW - 3	05/22/07	Not Sampled Due to PSH in Well				
RW - 3	08/15/07	<0.1	<0.1	<0.1	<0.1	
RW - 3	11/06/07	0.0868	<0.001	0.0305	0.0179	
RW - 3	02/12/08	0.4590	<0.005	0.0408	0.0471	
RW - 3	05/13/08	0.1990	<0.005	0.0209	0.0129	
RW - 3	08/14/08	Not Sampled Due to PSH in Well				

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 3	11/12/08	0.3780	<0.010	0.0413	0.0346	
RW - 3	02/10/09	0.4550	<0.010	0.0378	0.0200	
RW - 3	05/12/09	0.4400	<0.010	0.0973	<0.01	
RW - 3	08/10/09	0.1060	<0.010	<0.010	<0.010	
RW - 3	11/18/09	0.2960	<0.010	0.0269	<0.010	
RW - 3	02/09/10	0.2970	<0.010	<0.010	<0.010	
RW - 3	05/13/10	0.1830	<0.010	<0.010	<0.010	
RW - 3	08/11/10	<0.100	<0.100	<0.100	<0.100	
RW - 3	11/11/10	0.3360	<0.0500	<0.0500	<0.0500	
RW - 3	02/16/11	0.4680	<0.0500	<0.0500	0.0500	
RW - 3	05/19/11	0.9380	<0.0500	0.275	0.7750	
RW - 3	08/10/11	0.3040	<0.0200	<0.0200	<0.0200	
RW - 3	11/17/11	0.1420	<0.020	<0.020	<0.020	
RW - 3	02/29/12	0.2200	<0.020	<0.020	<0.020	
RW - 3	05/02/12	0.2510	<0.020	<0.020	<0.020	
RW - 3	08/10/12	Not Sampled due to Site Excavation				
RW - 3	12/06/12	0.0209	<0.005	<0.005	<0.005	
RW - 3	02/13/13	0.0110	<0.001	<0.001	<0.001	
RW - 3	05/22/13	0.0713	<0.00500	<0.00500	<0.00500	
RW - 3	08/13/13	0.0652	<0.00500	<0.00500	<0.00500	
RW - 3	11/21/13	0.0212	<0.00100	<0.00100	<0.00300	
RW - 3	02/04/14	0.146	<0.0500	<0.0500	<0.150	
RW - 3	05/14/14	0.0219	<0.00100	<0.00100	<0.00300	
RW - 3	08/05/14	0.2100	<0.0500	<0.0500	<0.0500	
RW - 3	11/19/14	0.2630	<0.0500	<0.0500	<0.0500	
RW - 3	02/09/15	0.141	<0.0500	<0.0500	<0.0500	
RW - 3	05/27/15	0.0583	<0.0500	<0.0500	<0.0500	
RW - 3	08/03/15	0.382	<0.0500	<0.0500	<0.0500	
RW - 3	11/19/15	0.125	<0.00100	0.00480	0.00330	
RW - 3	02/24/16	0.0481	<0.00100	0.00280	<0.00100	
RW - 3	06/07/16	0.1280	<0.00100	0.00200	0.00180	
RW - 3	08/03/16	0.0613	<0.0500	<0.0500	<0.0500	
RW - 3	11/08/16	0.142	<0.0500	<0.0500	<0.0500	
RW - 3	03/01/17	0.0787	<0.00200	0.00542	0.00825	
RW - 3	05/23/17	0.157	<0.00200	0.0125	<0.00400	
RW - 3	08/17/17	0.367	0.00288	0.00645	0.0120	
RW - 3	11/14/17	0.220	<0.00200	<0.00200	<0.00400	
RW - 3	02/08/18	0.0618	<0.00200	<0.00200	0.00528	
RW - 3	05/22/18	0.169	<0.0100	0.00571	<0.0200	
RW - 3	08/08/18	0.168	<0.0100	<0.00500	<0.0200	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 3	11/13/18	0.0259	<0.0100	<0.00500	<0.0200	
RW - 3	02/13/19	0.0337	<0.00100	<0.00100	<0.00200	
RW - 3	05/08/19	0.0580	<0.00100	0.00192	0.00217	
RW - 3	08/08/19	0.110	<0.00100	<0.00100	<0.00200	
RW - 3	11/13/19	0.0620	<0.00100	0.00258	<0.00200	
RW - 3	03/05/20	0.0685	<0.00100	0.00161	0.00211	
RW - 3	06/18/20	0.133	<0.00500	<0.00500	0.01794	
RW - 3	08/13/20	0.208	0.00405	0.00602	0.01434	
RW - 3	12/10/20	0.114	<0.00100	0.00123	<0.00200	
RW - 3	02/11/21	0.0903	0.00413	0.00658	0.00679	
RW - 3	06/11/21	0.188	0.00409	0.00513	0.01198	
RW - 3	09/23/21	0.164	0.00297	0.00764	0.01009	
RW - 3	12/07/21	0.00612	<0.00100	<0.00100	<0.00200	
RW - 4	05/14/03	0.6390	0.001	0.2750	0.2610	0.032
RW - 4	03/08/05	0.3230	<0.05	<0.05	<0.05	
RW - 4	06/08/05	0.4410	<0.05	<0.05	<0.05	
RW - 4	09/15/05	Not Sampled Due to PSH in Well				
RW - 4	12/12/05	Not Sampled Due to PSH in Well				
RW - 4	03/16/06	0.2660	<0.001	0.0595	0.0459	
RW - 4	06/15/06	Not Sampled Due to PSH in Well				
RW - 4	09/30/06	Not Sampled Due to PSH in Well				
RW - 4	12/01/06	Not Sampled Due to PSH in Well				
RW - 4	02/27/07	Not Sampled Due to PSH in Well				
RW - 4	05/22/07	Not Sampled Due to PSH in Well				
RW - 4	08/15/07	0.3540	<0.1	<0.1	<0.1	
RW - 4	11/06/07	0.2930	<0.2	<0.2	<0.2	
RW - 4	02/12/08	0.4720	<0005	0.1090	0.0866	
RW - 4	05/13/08	0.3360	<0.005	0.0549	0.0391	
RW - 4	08/14/08	0.3960	<0.005	0.0885	0.0679	
RW - 4	11/12/08	0.3660	<0.010	0.0777	0.0541	
RW - 4	02/10/09	0.6470	<0.010	0.1330	0.0813	
RW - 4	05/12/09	0.6520	<0.010	0.2020	0.1850	
RW - 4	08/10/09	0.4300	<0.010	0.1280	0.1300	
RW - 4	11/18/09	0.3360	<0.010	0.1290	0.0409	
RW - 4	02/09/10	0.3250	<0.010	0.0832	0.0641	
RW - 4	05/13/10	0.3240	<0.010	0.0679	0.0638	
RW - 4	08/11/10	0.1420	<0.100	<0.100	<0.100	
RW - 4	11/11/10	0.4740	<0.100	<0.100	<0.100	
RW - 4	02/16/11	1.6100	<0.100	0.8490	<0.100	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 4	05/19/11	1.8500	<0.100	0.6820	1.6200	
RW - 4	08/10/11	0.6130	<0.0200	0.1580	0.2280	
RW - 4	11/17/11	0.3150	<0.0200	0.0753	<0.020	
RW - 4	02/29/12	0.3310	<0.0200	<0.020	<0.020	
RW - 4	05/02/12	0.6290	<0.0200	0.2110	0.3200	
RW - 4	08/10/12	Not Sampled due to Site Excavation				
RW - 4	12/06/12	0.2760	<0.005	0.0841	0.0362	
RW - 4	02/13/13	0.6670	<0.001	0.1530	0.0792	
RW - 4	05/22/13	0.5620	<0.00500	0.1080	0.0618	
RW - 4	08/13/13	0.743	<0.00500	0.166	0.0886	
RW - 4	11/21/13	0.455	<0.0100	0.0888	0.0360	
RW - 4	02/04/14	0.830	<0.0500	0.164	<0.150	
RW - 4	05/14/14	0.749	<0.0500	0.124	<0.150	
RW - 4	08/05/14	0.666	<0.0500	0.131	0.0893	
RW - 4	11/19/14	Not Sampled Due to PSH in Well				
RW - 4	02/09/15	0.278	<0.0500	0.160	0.0676	
RW - 4	05/27/15	0.316	<0.0500	0.139	<0.0500	
RW - 4	08/03/15	0.118	<0.0500	0.0664	<0.0500	
RW - 4	11/19/15	0.130	<0.00100	0.114	0.0307	
RW - 4	02/24/16	0.158	<0.00100	0.109	0.0354	
RW - 4	06/07/16	0.0991	<0.00100	0.0624	0.0387	
RW - 4	08/03/16	0.0735	<0.0500	<0.0500	<0.0500	
RW - 4	11/08/16	<0.0500	<0.0500	<0.0500	<0.0500	
RW - 4	03/01/17	0.0368	<0.00200	0.0221	0.0108	
RW - 4	05/23/17	0.134	0.00409	0.0466	0.0690	
RW - 4	08/17/17	0.224	<0.00200	0.0323	0.03361	
RW - 4	11/14/17	0.231	<0.00200	0.0382	0.0235	
RW - 4	02/08/18	0.166	<0.00200	0.0389	0.02144	
RW - 4	05/22/18	0.0850	<0.0100	0.0272	<0.0200	
RW - 4	08/08/18	0.104	<0.0100	0.0206	<0.0200	
RW - 4	11/13/18	0.199	<0.0100	0.0746	0.0435	
RW - 4	02/13/19	0.244	0.00323	0.151	0.09806	
RW - 4	05/08/19	0.223	<0.00100	0.0827	0.0566	
RW - 4	08/08/19	0.0956	<0.00100	0.0140	0.01785	
RW - 4	11/13/19	0.170	<0.00100	0.108	0.0947	
RW - 4	03/05/20	0.186	0.00240	0.0719	0.0659	
RW - 4	06/18/20	0.0795	<0.00500	0.0207	0.03294	
RW - 4	08/13/20	0.120	0.00306	0.0456	0.04117	
RW - 4	12/10/20	0.124	<0.00100	0.0141	0.01161	
RW - 4	02/11/21	0.154	0.0160	0.175	0.1635	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 4	06/11/21	0.417	0.0116	0.191	0.15975	
RW - 4	09/23/21	0.376	<0.00500	0.288	0.2338	
RW - 4	12/06/21	0.431	0.0136	0.247	0.1804	
RW - 5	08/25/04	0.0196	<0.001	0.0126	0.0049	0.005
RW - 5	12/03/04	0.3520	<0.100	<0.100	<0.100	
RW - 5	03/08/05	0.2320	<0.05	0.1540	0.0830	
RW - 5	06/08/05	0.1490	<0.05	<0.05	<0.05	
RW - 5	09/15/05	Not Sampled Due to PSH in Well				
RW - 5	12/12/05	Not Sampled Due to PSH in Well				
RW - 5	03/16/06	Not Sampled Due to PSH in Well				
RW - 5	06/15/06	Not Sampled Due to PSH in Well				
RW - 5	09/30/06	Not Sampled Due to PSH in Well				
RW - 5	12/01/06	Not Sampled Due to PSH in Well				
RW - 5	02/27/07	Not Sampled Due to PSH in Well				
RW - 5	05/22/07	Not Sampled Due to PSH in Well				
RW - 5	08/15/07	Not Sampled Due to PSH in Well				
RW - 5	11/06/07	Not Sampled Due to PSH in Well				
RW - 5	02/12/08	Not Sampled Due to PSH in Well				
RW - 5	05/13/08	Not Sampled Due to PSH in Well				
RW - 5	08/14/08	Not Sampled Due to PSH in Well				
RW - 5	11/12/08	0.1320	0.148	0.1230	0.1640	
RW - 5	02/10/09	Not Sampled Due to PSH in Well				
RW - 5	05/12/09	Not Sampled Due to PSH in Well				
RW - 5	08/10/09	Not Sampled Due to PSH in Well				
RW - 5	11/18/09	0.0220	<0.005	0.0508	0.0149	
RW - 5	02/09/10	Not Sampled Due to PSH in Well				
RW - 5	05/13/10	Not Sampled Due to PSH in Well				
RW - 5	08/11/10	Not Sampled Due to PSH in Well				
RW - 5	11/11/10	Not Sampled Due to PSH in Well				
RW - 5	02/16/11	Not Sampled Due to PSH in Well				
RW - 5	05/19/11	Not Sampled Due to PSH in Well				
RW - 5	08/10/11	Not Sampled Due to PSH in Well				
RW - 5	11/17/11	Not Sampled Due to PSH in Well				
RW - 5	02/29/12	Not Sampled Due to PSH in Well				
RW - 5	05/02/12	0.3490	<0.0100	0.2010	0.1940	
RW - 5	08/10/12	Not Sampled due to Site Excavation				
RW - 5	12/07/12	Not Sampled Due to PSH in Well				
RW - 5	02/13/13	Not Sampled Due to PSH in Well				
RW - 5	05/22/13	Not Sampled Due to PSH in Well				

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 5	08/13/13	Not Sampled Due to PSH in Well				
RW - 5	11/21/13	Not Sampled Due to PSH in Well				
RW - 5	02/04/14	Not Sampled Due to PSH in Well				
RW - 5	05/14/14	Not Sampled Due to PSH in Well				
RW - 5	08/05/14	Not Sampled Due to PSH in Well				
RW - 5	11/19/14	Not Sampled Due to PSH in Well				
RW - 5	08/03/15	0.358	<0.0500	<0.0500	<0.0500	
RW - 5	11/19/15	0.0417	<0.00100	0.00300	0.00220	
RW - 5	02/24/16	0.270	<0.00100	0.0374	0.0165	
RW - 5	06/07/16	0.350	<0.00100	0.0254	0.0189	
RW - 5	08/03/16	0.248	<0.0500	<0.0500	<0.0500	
RW - 5	11/08/16	0.331	<0.0500	<0.0500	<0.0500	
RW - 5	03/01/17	0.200	0.00286	0.0184	0.0130	
RW - 5	05/23/17	0.389	0.00205	0.0394	0.0318	
RW - 5	08/17/17	0.399	0.00321	0.0461	0.0522	
RW - 5	11/14/17	0.384	<0.00200	0.0230	0.0177	
RW - 5	02/08/18	0.239	0.00228	0.0221	0.0139	
RW - 5	05/22/18	0.236	<0.0100	0.0252	<0.0200	
RW - 5	08/08/18	0.202	<0.0100	0.0308	<0.0200	
RW - 5	11/13/18	0.216	<0.0100	0.0486	0.0342	
RW - 5	02/13/19	0.151	<0.00100	0.0201	0.00688	
RW - 5	05/08/19	0.0882	<0.00100	0.0114	0.00938	
RW - 5	08/08/19	0.177	<0.00100	0.0101	0.01843	
RW - 5	11/13/19	0.136	<0.00100	0.0190	0.0278	
RW - 5	03/05/20	0.175	0.00373	0.0276	0.03087	
RW - 5	06/18/20	0.144	0.00701	0.0312	0.0633	
RW - 5	08/13/20	0.178	0.00288	0.0133	0.02216	
RW - 5	12/10/20	0.188	0.00166	0.00557	0.00899	
RW - 5	02/11/21	0.135	0.00518	0.0297	0.0266	
RW - 5	06/11/21	0.206	0.00220	0.0125	0.02776	
RW - 5	09/23/21	0.167	0.0143	0.0484	0.1073	
RW - 5	12/06/21	0.296	0.00171	0.0158	0.0206	
RW - 6	03/08/05	Not Sampled Due to PSH in Well				
RW - 6	06/08/05	Not Sampled Due to PSH in Well				
RW - 6	09/15/05	Not Sampled Due to PSH in Well				
RW - 6	12/12/05	Not Sampled Due to PSH in Well				
RW - 6	03/16/06	Not Sampled Due to PSH in Well				
RW - 6	06/15/06	Not Sampled Due to PSH in Well				
RW - 6	09/30/06	Not Sampled Due to PSH in Well				

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 6	12/01/06	Not Sampled Due to PSH in Well				
RW - 6	02/27/07	Not Sampled Due to PSH in Well				
RW - 6	05/22/07	Not Sampled Due to PSH in Well				
RW - 6	08/15/07	Not Sampled Due to PSH in Well				
RW - 6	11/06/07	Not Sampled Due to PSH in Well				
RW - 6	02/12/08	Not Sampled Due to PSH in Well				
RW - 6	05/13/08	Not Sampled Due to PSH in Well				
RW - 6	08/14/08	Not Sampled Due to PSH in Well				
RW - 6	11/12/08	0.1060	0.133	0.1270	0.1370	
RW - 6	02/10/09	Not Sampled Due to PSH in Well				
RW - 6	05/12/09	Not Sampled Due to PSH in Well				
RW - 6	08/10/09	Not Sampled Due to PSH in Well				
RW - 6	11/18/09	0.0509	0.0107	0.4810	0.3780	
RW - 6	02/09/10	Not Sampled Due to PSH in Well				
RW - 6	05/13/10	Not Sampled Due to PSH in Well				
RW - 6	08/11/10	Not Sampled Due to PSH in Well				
RW - 6	11/11/10	Not Sampled Due to PSH in Well				
RW - 6	02/16/11	Not Sampled Due to PSH in Well				
RW - 6	05/19/11	Not Sampled Due to PSH in Well				
RW - 6	08/10/11	Not Sampled Due to PSH in Well				
RW - 6	11/17/11	Not Sampled Due to PSH in Well				
RW - 6	02/29/12	Not Sampled Due to PSH in Well				
RW - 6	08/10/12	Not Sampled due to Site Excavation				
RW - 6	12/07/12	Not Sampled Due to PSH in Well				
RW - 6	04/18/13	0.2410	<0.001	0.0346	0.0031	
RW - 6	05/22/13	0.2230	<0.00500	0.0678	<0.00500	
RW - 6	08/13/13	0.256	<0.00100	0.0715	0.0163	
RW - 6	11/21/13	0.220	<0.0500	<0.0500	<0.150	
RW - 6	02/04/14	0.319	<0.0500	0.1640	<0.150	
RW - 6	05/14/14	0.161	<0.0500	<0.0500	<0.150	
RW - 6	08/05/14	0.233	<0.0500	<0.0500	<0.0500	
RW - 6	11/19/14	0.300	<0.0500	<0.0500	<0.0500	
RW - 6	02/09/15	0.130	<0.0500	<0.0500	<0.0500	
RW - 6	05/27/15	0.102	<0.0500	<0.0500	<0.0500	
RW - 6	08/03/15	0.156	<0.0500	<0.0500	<0.0500	
RW - 6	11/19/15	0.0816	<0.00100	0.00910	0.00210	
RW - 6	02/24/16	0.0963	<0.00100	0.0152	0.00710	
RW - 6	06/07/16	0.143	<0.00100	0.0118	0.00330	
RW - 6	08/03/16	0.124	<0.0500	<0.0500	<0.0500	
RW - 6	11/08/16	0.0893	<0.0500	<0.0500	<0.0500	

TABLE 5
HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM
NMOCD REFERENCE NUMBER AP-017

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 - 6	03/01/17	0.0618	0.00366	0.0103	0.0133	
RW - 6	05/23/17	0.185	<0.00200	0.0292	0.0195	
RW - 6	08/17/17	0.127	0.00447	0.0164	0.0358	
RW - 6	11/14/17	0.128	0.00515	0.0109	0.0107	
RW - 6	02/08/18	0.0696	0.00147	0.00617	0.01151	
RW - 6	05/22/18	0.113	<0.0100	0.00976	<0.0200	
RW - 6	08/08/18	0.0961	<0.0100	<0.00500	<0.0200	
RW - 6	11/13/18	0.0776	<0.0100	<0.00500	<0.0200	
RW - 6	02/13/19	0.0506	0.00153	0.00469	0.00464	
RW - 6	05/08/19	0.0417	<0.00100	0.00216	0.00664	
RW - 6	08/08/19	0.0594	0.00226	0.00654	0.00867	
RW - 6	11/13/19	0.0399	<0.00100	0.00675	0.01614	
RW - 6	03/05/20	0.0535	0.0265	0.0548	0.1414	
RW - 6	06/18/20	0.0625	0.00822	0.0130	0.0389	
RW - 6	08/13/20	0.0724	0.00664	0.00873	0.02528	
RW - 6	12/10/20	0.0598	0.00353	0.00697	0.00551	
RW - 6	02/11/21	0.0643	0.0182	0.0569	0.0281	
RW - 6	06/11/21	0.0818	0.0159	0.0229	0.0598	
RW - 6	09/23/21	0.0814	0.0147	0.0190	0.0647	
RW - 6	12/06/21	0.0421	0.00854	0.0126	0.0136	

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-17

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER AP-017

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	11/12/08		<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	
MW-1	11/17/09		<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
MW-1	11/11/10		Not Sampled as part of Quarterly Monitoring Event.																		
MW-1	12/14/11		Not Sampled as part of Quarterly Monitoring Event.																		
MW-1	12/06/12		Not Sampled as part of Quarterly Monitoring Event.																		
MW-1	11/21/13		Not Sampled as part of Quarterly Monitoring Event.																		
MW-1	11/19/14		Not Sampled as part of Quarterly Monitoring Event.																		
MW-1	11/18/15		Not Sampled as part of Quarterly Monitoring Event.																		
MW-1	11/08/16		Not Sampled as part of Quarterly Monitoring Event.																		
MW-1	11/13/17		Not Sampled as part of Quarterly Monitoring Event.																		
MW-1	11/12/18		Not Sampled as part of Quarterly Monitoring Event.																		
MW-1	11/05/19		Not Sampled as part of Quarterly Monitoring Event.																		
MW-1	12/09/20		Not Sampled as part of Quarterly Monitoring Event.																		
MW-1	12/06/21		Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/12/08		<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-2	11/17/09		<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
MW-2	11/11/10		Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	12/14/11		Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	12/06/12		Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/21/13		Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/19/14		Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/18/15		Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/08/16		Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/14/17		Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/12/18		Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/06/19		Not Sampled as part of Quarterly Monitoring Event.																		

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-17

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER AP-017

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-2	12/09/20	Not Sampled as part of Quarterly Monitoring Event.																			
MW-2	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																			
MW-3	11/12/08	<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-3	11/17/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183		
MW-3	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																			
MW-3	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																			
MW-3	12/06/12	Not Sampled as part of Quarterly Monitoring Event.																			
MW-3	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																			
MW-3	11/19/14	Not Sampled as part of Quarterly Monitoring Event.																			
MW-3	11/18/15	Not Sampled as part of Quarterly Monitoring Event.																			
MW-3	11/08/16	Not Sampled as part of Quarterly Monitoring Event.																			
MW-3	11/14/17	Not Sampled as part of Quarterly Monitoring Event.																			
MW-3	11/12/18	Not Sampled as part of Quarterly Monitoring Event.																			
MW-3	11/06/19	Not Sampled as part of Quarterly Monitoring Event.																			
MW-3	12/09/20	Not Sampled as part of Quarterly Monitoring Event.																			
MW-3	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																			
MW-4	11/12/08	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	0.00238	<0.000917	0.00337	<0.000917	0.00682	0.015	0.0131	0.00239	
MW-4	11/18/09	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	0.00834	<0.000926	0.0121	<0.000926	0.0229	0.0802	0.0574	0.00851	
MW-4	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																			
MW-4	12/14/11	Not Sampled due to the presence of PSH.																			
MW-4	12/06/12	Not Sampled due to the presence of PSH.																			
MW-4	11/21/13	Not Sampled due to the presence of PSH.																			
MW-4	11/19/14	Not Sampled due to the presence of PSH.																			
MW-4	11/18/15	<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	0.118	0.322	<0.000200	<0.000200	
MW-4	12/02/16	<0.000460	<0.000460	<0.000460	<0.000460	<0.000460	<0.000460	<0.000460	<0.000460	<0.000460	<0.000460	<0.000460	0.00216	<0.000460	0.00240	<0.000460	0.0202		0.00236		

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-17

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER AP-017

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-4	11/14/17	0.000703	0.000526	<0.000168	<0.000168	<0.000168	<0.000168	<0.000168	<0.000168	0.000271	<0.000168	<0.000168	0.0031	<0.000168	0.00304	<0.000168	0.00982			0.00321
MW-4	11/13/18	0.00031	0.00069	0.00018	0.00036	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0021	<0.00010	0.0032	<0.00010	0.0351			0.0025
MW-4	11/13/19	0.0027	0.012	<0.000097	<0.000097	<0.000097	0.0018	<0.000097	0.00079	0.018	<0.000097	<0.000097	0.029	<0.000097	0.080	<0.000097	0.441			0.046
MW-4	12/10/20	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0042	<0.0010	0.0053	<0.0010	0.059			0.0044
MW-4	12/06/21	0.026	0.0027	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0016	<0.00010	<0.00010	0.026	<0.00010	0.026	<0.00010	0.152			0.0079
MW-5	11/12/08	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.00233	<0.000922	0.00189	<0.000922	<0.000922	0.00183	<0.000922	0.0023
MW-5	11/18/09	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.00116	<0.000185	0.000814	<0.000185	<0.000185	0.00234	<0.000185	0.00109
MW-5	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	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	0.00106	<0.000183	0.00129	<0.000183	<0.000183	0.00281	<0.000183	0.00138
MW-5	12/06/12	<0.000957	<0.000957	<0.000957	<0.000957	<0.000957	<0.000957	<0.000957	<0.000957	<0.000957	<0.000957	<0.000957	<0.000957	<0.000957	<0.000957	<0.000957	<0.000957	0.00739	<0.000957	<0.000957
MW-5	11/21/13	<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-5	11/19/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/18/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/08/16	<0.000200	<0.000200	<0.000200	<0.0000721*	<0.000200	<0.000200	<0.000200	<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	11/14/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/13/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/13/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	12/09/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	12/07/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/12/08	<0.00183	<0.00183	0.00361	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	0.00357	<0.00183	0.00782	0.0115	0.00712	<0.00183
MW-6	11/18/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000842	<0.000184	0.000596	<0.000184	<0.000184	0.00277	<0.000184	0.00112
MW-6	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	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	<0.000183	<0.000183	0.000755	<0.000183	<0.000183	0.00264	<0.000183	<0.000183
MW-6	12/06/12	Not Sampled due to the presence of PSH.																		
MW-6	11/21/13	Not Sampled due to the presence of PSH.																		

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-17

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER AP-017

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																			
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenzo[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran	
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---		
MW-6	11/19/14	Not Sampled due to the presence of PSH.																			
MW-6	11/18/15	<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		
MW-6	11/09/16	<0.000200	<0.000200	<0.000200	<0.0000721*	<0.000200	<0.000200	<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	11/14/17	0.000492	0.000441	0.000666	0.000636	<0.000167	<0.000167	<0.000167	<0.000167	0.000383	<0.000167	0.00039	0.00134	<0.000167	0.000617	0.000283	<0.000334		0.000941		
MW-6	11/12/18	0.00015	<0.00010	<0.00010	0.00017	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.00024	<0.00010	0.00027	<0.00010	0.0068		0.00049		
MW-6	11/13/19	0.00044	0.00099	<0.000097	0.00071	<0.000097	0.00038	<0.000097	0.00020	0.0038	<0.000097	0.00090	0.0027	<0.000097	0.0070	0.00081	0.02457		0.0042		
MW-6	12/10/20	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0054		0.0012		
MW-6	12/06/21	0.0019	<0.00010	<0.00010	0.00060	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0012	<0.00010	<0.00010	<0.00010	0.0046		0.0012		
MW-7	11/12/08	<0.00185	<0.00185	0.0059	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	0.00539	<0.00185	0.00582	<0.00185	0.0106	0.0285	0.0175	<0.00185	
MW-7	11/18/09	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.00894	<0.000922	0.0108	<0.000922	0.0151	0.0792	0.0383	0.00773	
MW-7	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																			
MW-7	12/14/11	Not Sampled due to the presence of PSH.																			
MW-7	12/06/12	Not Sampled due to the presence of PSH.																			
MW-7	11/21/13	Not Sampled due to the presence of PSH.																			
MW-7	11/19/14	Not Sampled due to the presence of PSH.																			
MW-7	11/18/15	Not Sampled due to the presence of PSH.																			
MW-7	11/08/16	Not Sampled due to the presence of PSH.																			
MW-7	11/14/17	Not Sampled due to the presence of PSH.																			
MW-7	11/13/18	<0.00010	0.0017	<0.00010	0.0025	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0043	<0.00010	<0.00010	<0.00010	0.096		0.0047		
MW-7	11/13/19	0.0027	0.016	<0.000097	0.0044	<0.000097	0.0015	<0.000097	0.0013	0.024	<0.000097	0.0027	0.032	<0.000097	0.13	0.0070	0.59		0.049		
MW-7	12/10/20	Not Sampled due to the presence of PSH.																			
MW-7	12/07/21	0.0015	0.00070	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.00031	<0.00010	<0.00010	0.0020	<0.00010	0.0011	<0.00010	0.0196		0.0011		
MW-8	11/12/08	<0.00186	<0.00186	0.00454	<0.00186	<0.00186	<0.00186	<0.00186	<0.00186	<0.00186	<0.00186	<0.00186	<0.00186	<0.00186	0.0045	<0.00186	0.012	0.0261	0.0168	<0.00186	
MW-8	11/18/09	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	0.0341	<0.00185	0.0486	<0.00185	0.038	0.249	0.123	0.0295	
MW-8	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																			

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-17

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER AP-017

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																				
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenzo[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran		
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---			
MW-8	12/14/11	Not Sampled due to the presence of PSH.																				
MW-8	12/06/12	Not Sampled due to the presence of PSH.																				
MW-8	11/21/13	Not Sampled due to the presence of PSH.																				
MW-8	11/19/14	Not Sampled due to the presence of PSH.																				
MW-8	11/18/15	Not Sampled due to the presence of PSH.																				
MW-8	11/08/16	Not Sampled due to the presence of PSH.																				
MW-8	11/14/17	Not Sampled due to the presence of PSH.																				
MW-8	11/13/18	0.00046	0.00069	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0015	<0.00010	0.0017	<0.00010	0.082		0.0020				
MW-8	11/13/19	0.00088	0.0018	0.0020	0.00046	0.00018	0.00041	<0.000098	0.00025	0.0039	<0.000098	0.00082	0.0076	<0.000098	0.028	0.0010	0.164		0.018			
MW-8	12/10/20	Not Sampled due to the presence of PSH.																				
MW-8	12/07/21	Not Sampled due to the presence of PSH.																				
MW-9	11/12/08	<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	0.000746	<0.000183	0.000341			
MW-9	11/18/09	<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	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																				
MW-9	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																				
MW-9	12/06/12	Not Sampled as part of Quarterly Monitoring Event.																				
MW-9	11/21/13	Not Sampled Due to Low Water Levels																				
MW-9	11/19/14	Plugged and Abandoned																				
MW-10	11/12/08	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.00344	<0.000922	0.00296	<0.000922	<0.000922	0.00477	<0.000922	<0.000922		
MW-10	11/18/09	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	0.0042	<0.000926	0.00418	<0.000926	<0.000926	0.00958	<0.000926	0.00441		
MW-10	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																				
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	0.00339	<0.000184	<0.000184	0.00287	<0.000184	0.00261		
MW-10	12/06/12	<0.000952	<0.000952	<0.000952	<0.000952	<0.000952	<0.000952	<0.000952	<0.000952	<0.000952	<0.000952	<0.000952	<0.000952	<0.000952	<0.000952	<0.000952	<0.000952	<0.000952	<0.000952	<0.000952		
MW-10	11/21/13	<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	11/19/14	Not Sampled as part of Quarterly Monitoring Event.																				

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-17

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER AP-017

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenzo[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---	
MW-10	11/18/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	11/08/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	11/14/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	11/12/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	11/06/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	12/08/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	11/12/08	<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-11	11/17/09	<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-11	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	12/06/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	11/19/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	11/18/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	11/08/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	11/13/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	11/12/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	11/05/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	12/09/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	12/07/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/12/08	<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-12	11/17/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
MW-12	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-17

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER AP-017

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---	
MW-12	12/06/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/19/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/18/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/08/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/13/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/12/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/05/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	12/09/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-13	11/12/08	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	
MW-13	11/17/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
MW-13	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-13	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-13	12/06/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-13	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-13	11/19/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-13	11/18/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-13	11/08/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-13	11/13/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-13	11/12/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-13	11/05/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-13	12/09/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-13	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-14	11/12/08	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	0.0233	<0.0184	0.0402	<0.0184	0.0377	0.147	0.137	0.0289

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All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenzo[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---	
MW-14	11/18/09	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	0.0786	<0.00461	0.102	<0.00461	0.124	0.628	0.346	0.0603
MW-14	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-14	12/14/11	Not Sampled due to the presence of PSH.																		
MW-14	12/06/12	Not Sampled due to the presence of PSH.																		
MW-14	11/21/13	Not Sampled due to the presence of PSH.																		
MW-14	11/19/14	Not Sampled due to the presence of PSH.																		
MW-14	11/18/15	<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	0.0736	<0.000200	<0.000200	<0.000200
MW-14	11/09/16	<0.000200	<0.000200	<0.000200	<0.000721*	<0.000200	<0.000200	<0.000200	<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-14	11/14/17	0.00505	0.00495	0.00524	0.00377	<0.000167	<0.000167	<0.000167	<0.000167	0.00272	<0.000167	0.00160	0.0176	<0.000167	0.0312	0.00190	0.0456		0.0173	
MW-14	11/13/18	0.00023	0.00049	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0014	<0.00010	0.0010	<0.00010	0.085		0.0018	
MW-14	11/13/19	0.0011	0.0013	<0.000097	<0.000097	<0.000097	0.00067	<0.000097	0.00033	0.0034	<0.000097	0.00086	0.0072	<0.000097	0.029	0.0022	0.1572		0.021	
MW-14	12/10/20	<0.0010	<0.0010	<0.0010	0.0010	0.0010	<0.0010	<0.0010	<0.0010	0.0010	0.0010	0.0025	<0.0010	0.0010	0.0035	<0.0010	0.076		0.0033	
MW-14	12/06/21	0.041	0.0084	<0.00010	0.0077	<0.00010	<0.00010	<0.00010	<0.00010	0.0045	<0.00010	<0.00010	0.051	<0.00010	0.055	<0.00010	0.548		0.040	
MW-15	11/12/08	Not Sampled due to Insufficient water volume																		
MW-15	11/18/09	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	0.0274	<0.00185	0.0369	<0.00185	0.0219	0.157	0.0508	0.0236
MW-15	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-15	12/31/11	<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	0.00136	<0.000184	<0.000184	0.0035	<0.000184	0.00176
MW-15	12/06/12	Not Sampled due to the presence of PSH.																		
MW-15	11/21/13	<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	0.0216	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-15	11/19/14	Not Sampled due to the presence of PSH.																		
MW-15	11/18/15	<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-15	11/09/16	<0.000200	<0.000200	<0.000200	<0.0000721*	<0.000200	<0.000200	<0.000200	<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-15	11/14/17	0.000728	0.000656	0.000674	0.000518	<0.000167	<0.000167	<0.000167	<0.000167	0.000367	<0.000167	0.000317	0.00292	<0.000167	0.00309	0.000612	0.000595		0.00211	
MW-15	11/13/18	0.00052	0.00056	0.00026	0.00059	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0021	<0.00010	0.0026	0.00014	0.01438		0.0022	
MW-15	11/13/19	<0.000097	0.0021	0.0016	<0.000097	0.00055	0.00052	0.00053	0.00011	0.0035	<0.000097	<0.000097	0.0056	0.00053	0.0075	<0.000097	0.0254		0.0075	
MW-15	12/10/20	<0.0010	0.0022	0.0010	0.0010	0.0010	<0.0010	0.0012	<0.0010	0.0030	0.0010	<0.0010	0.0078	0.0010	0.0027	<0.0010	0.0162		0.0082	

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-17

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER AP-017

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenzo[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---
MW-15	12/06/21	0.0069	<0.00010	<0.00010	0.0013	<0.00010	<0.00010	0.00078	<0.00010	<0.00010	0.00049	<0.00010	0.0022	0.00082	<0.00010	<0.00010	0.0065			0.0026
MW-16	11/12/08	<0.000193	<0.000193	<0.000193	<0.000193	<0.000193	<0.000193	<0.000193	<0.000193	<0.000193	<0.000193	<0.000193	<0.000193	<0.000193	<0.000193	<0.000193	<0.000193	<0.000193	<0.000193	
MW-16	11/17/09	<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	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	12/06/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	11/19/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	11/18/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	11/08/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	11/13/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	11/12/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	11/05/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	12/09/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-17	11/12/08	<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-17	11/17/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
MW-17	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-17	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-17	12/06/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-17	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-17	11/19/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-17	11/18/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-17	11/08/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-17	11/13/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-17	11/12/18	Not Sampled as part of Quarterly Monitoring Event.																		

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-17

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER AP-017

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-17	11/06/19	Not Sampled as part of Quarterly Monitoring Event.																				
MW-17	12/09/20	Not Sampled as part of Quarterly Monitoring Event.																				
MW-17	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																				
MW-18	11/12/08	<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-18	11/17/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183			
MW-18	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																				
MW-18	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																				
MW-18	12/06/12	Not Sampled as part of Quarterly Monitoring Event.																				
MW-18	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																				
MW-18	11/19/14	Not Sampled as part of Quarterly Monitoring Event.																				
MW-18	11/18/15	Not Sampled as part of Quarterly Monitoring Event.																				
MW-18	11/08/16	Not Sampled as part of Quarterly Monitoring Event.																				
MW-18	11/14/17	Not Sampled as part of Quarterly Monitoring Event.																				
MW-18	11/13/18	Not Sampled as part of Quarterly Monitoring Event.																				
MW-18	11/06/19	Not Sampled as part of Quarterly Monitoring Event.																				
MW-18	12/09/20	Not Sampled as part of Quarterly Monitoring Event.																				
MW-18	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																				
MW-19	11/12/08	Not Sampled due to Insufficient water volume																				
MW-19	11/18/09	<0.000922	<0.000922	0.000931	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.00387	<0.000922	0.00471	<0.000922	0.00526	0.0275	0.00258	0.0051		
MW-19	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																				
MW-19	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	0.00624	<0.000184	0.00656	0.0293	0.00517	0.00518		
MW-19	12/06/12	Not Sampled due to the presence of PSH.																				
MW-19	11/21/13	Not Sampled due to the presence of PSH.																				
MW-19	11/19/14	<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	0.0545	<0.000200	<0.000200		
MW-19	11/18/15	<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	1.25	0.144	<0.000200		
MW-19	11/09/16	<0.000200	<0.000200	<0.000200	<0.000721*	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200		

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-17

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER AP-017

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-19	11/14/17	0.00131	0.000883	0.00101	0.000459	<0.000168	<0.000168	<0.000168	<0.000168	0.000425	<0.000168	<0.000168	0.00334	<0.000168	0.00542	0.000406	0.00622			0.00303
MW-19	11/13/18	0.00060	0.0012	<0.00010	0.00097	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0032	<0.00010	0.0060	<0.00010	0.0503			0.0032
MW-19	11/13/19	0.00140	0.0021	<0.000097	0.00021	<0.000097	0.00044	<0.000097	0.00015	0.0036	<0.000097	0.0012	0.011	<0.000097	0.0160	0.0026	0.0819			0.014
MW-19	12/10/20	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0043	<0.0010	0.0047	<0.0010	0.0395			0.0037
MW-19	12/07/21	0.0023	0.00071	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0025	<0.00010	0.00076	<0.00010	0.0191			0.0022
MW-20	11/12/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.000615	<0.000185	0.000318	<0.000185	<0.000185	0.00351	<0.000185	0.000958
MW-20	11/18/09	<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	0.000401	<0.000183	<0.000183	0.00159	<0.000183	0.000783
MW-20	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-20	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-20	12/06/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-20	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-20	11/19/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-20	11/18/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-20	11/08/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-20	11/14/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-20	11/12/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-20	11/06/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-20	12/09/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-20	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-21	11/12/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000414	<0.000184	0.000203	<0.000184	<0.000184	<0.000184	<0.000184	0.00108
MW-21	11/18/09	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.000249	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.000578
MW-21	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-21	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-21	12/06/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-21	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-21	11/19/14	Not Sampled as part of Quarterly Monitoring Event.																		

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-17

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER AP-017

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	11/18/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-21	11/08/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-21	11/14/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-21	11/12/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-21	11/06/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-21	12/08/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-21	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-22	11/12/08	<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-22	11/17/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
MW-22	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-22	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-22	12/06/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-22	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-22	11/19/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-22	11/18/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-22	11/08/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-22	11/14/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-22	11/12/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-22	11/06/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-22	12/08/20	Approved NMOCD Plugging and Abandonment																		
MW-23	11/12/08	<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-23	11/17/09	<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-23	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	12/06/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																		

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-17

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER AP-017

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	11/19/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	11/18/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	11/08/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	11/14/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	11/12/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	11/06/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	12/09/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	11/12/08	<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-24	11/17/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
MW-24	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	12/06/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	11/19/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	11/18/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	11/08/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	11/14/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	11/12/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	12/08/20	Approved NMOCD Plugging and Abandonment																		
MW-25	11/12/08	<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-25	11/17/09	<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-25	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	12/06/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																		

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-17

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER AP-017

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	12/06/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-27	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-27	11/19/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-27	11/18/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-27	11/08/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-27	11/14/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-27	11/12/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-27	11/06/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-27	12/09/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-27	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-28	11/12/08	<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-28	11/18/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
MW-28	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-28	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-28	12/06/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-28	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-28	11/19/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-28	11/18/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-28	11/08/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-28	11/14/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-28	11/12/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-28	11/06/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-28	12/09/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-28	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																		
RW-1	11/12/08	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	0.023	<0.0184	<0.0184	0.0941	<0.0184	<0.0184
RW-1	11/18/09	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.00771	<0.000922	0.00884	<0.000922	<0.000922	0.0262	<0.000922	0.00722

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-17

LEA COUNTY, NEW MEXICO

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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		---		
RW-1	11/11/10	Not Sampled Due to Presence of PSH.																			
RW-1	12/14/11	Not Sampled due to the presence of PSH.																			
RW-1	12/06/12	Not Sampled due to the presence of PSH.																			
RW-1	11/21/13	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.0244	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200		
RW-1	11/19/14	<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		
RW-1	11/18/15	<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		
RW-1	11/08/16	Not Sampled as part of Quarterly Monitoring Event.																			
RW-1	11/14/17	Not Sampled as part of Quarterly Monitoring Event.																			
RW-1	11/13/18	Not Sampled as part of Quarterly Monitoring Event.																			
RW-1	11/06/19	Not Sampled as part of Quarterly Monitoring Event.																			
RW-1	12/10/20	Not Sampled as part of Quarterly Monitoring Event.																			
RW-1	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																			
RW-2	11/12/08	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	0.00424	<0.00184	0.00488	<0.00184	<0.00184	0.00552	<0.00184	0.00476	
RW-2	11/18/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.001	<0.000184	0.000874	<0.000184	<0.000184	0.00155	<0.000184	0.00146	
RW-2	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																			
RW-2	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	<0.000183	<0.000183	0.00344	<0.000183	<0.000183	<0.000183	<0.000183	0.00275	
RW-2	12/06/12																				
RW-2	11/21/13	Not Sampled Due to Low Water Levels																			
RW-2	11/19/14	Plugged and Abandoned																			
RW-3	11/12/08	<0.000922	<0.000922	0.000931	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.00212	<0.000922	0.000922	<0.000922	0.000993	0.00787	<0.000922	0.0021	
RW-3	11/18/09	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.000906	<0.000185	<0.000185	<0.000185	0.00132	0.00526	<0.000185	0.00101	
RW-3	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																			
RW-3	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	<0.000184	<0.000184	0.00364	<0.000184	0.00126		
RW-3	12/06/12	<0.000948	<0.000948	<0.000948	<0.000948	<0.000948	<0.000948	<0.000948	<0.000948	<0.000948	<0.000948	<0.000948	<0.000948	<0.000948	<0.000948	<0.000948	0.0076	<0.000948	<0.000948		
RW-3	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																			
RW-3	11/19/14	Not Sampled as part of Quarterly Monitoring Event.																			

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-17

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER AP-017

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			---
RW-3	11/18/15	<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	0.118	0.322	<0.000200	<0.000200
RW-3	11/09/16	<0.000200	<0.000200	<0.000200	<0.0000721*	<0.000200	<0.000200	<0.000200	<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-3	11/14/17	0.000203	0.000201	0.000192	<0.000165	<0.000165	<0.000165	<0.000165	<0.000165	<0.000165	<0.000165	0.000622	<0.000165	<0.000165	<0.000165	<0.000165	<0.000330			0.000568
RW-3	11/13/18	<0.00010	0.00016	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.00012	<0.00010	<0.00010	<0.00010	<0.00010	0.00672			0.00023
RW-3	11/13/19	<0.000097	0.00020	0.00016	<0.000097	<0.000097	0.000099	<0.000097	<0.000097	0.00056	<0.000097	0.00014	0.00055	<0.000097	0.00035	0.00018	0.00307			0.00051
RW-3	12/10/20	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0042			<0.0010
RW-3	12/07/21	0.00085	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0018			0.00095
RW-4	11/12/08	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	0.00391	<0.00184	0.00442	<0.00184	0.00766	0.0201	0.00836	0.00372	
RW-4	11/18/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00118	<0.000184	0.000935	<0.000184	0.00989	0.0168	0.00425	0.00144	
RW-4	11/11/10	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00154	<0.000184	0.000887	0.00489	0.000475	0.00111	
RW-4	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	0.00161	<0.000184	0.00261	0.0106	<0.000184	0.00166
RW-4	12/06/12	<0.000962	<0.000962	<0.000962	<0.000962	<0.000962	<0.000962	<0.000962	<0.000962	<0.000962	<0.000962	<0.000962	<0.000962	<0.000962	0.00666	<0.000962	0.00583	0.0166	0.00838	<0.000962
RW-4	11/21/13	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.0234	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.0172	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
RW-4	11/19/14	Not Sampled due to the presence of PSH.																		
RW-4	11/18/15	<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	3.07	<0.000200	0.0276
RW-4	11/09/16	<0.000200	<0.000200	<0.000200	<0.0000721*	<0.000200	<0.000200	<0.000200	<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-4	11/14/17	0.000779	0.000502	<0.000168	0.000441	<0.000168	<0.000168	<0.000168	<0.000168	0.000281	<0.000168	<0.000168	0.00230	<0.000168	0.00279	0.000515	0.000822			0.00196
RW-4	11/13/18	<0.00010	0.00031	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.00065	<0.00010	0.00053	<0.00010	0.00981			0.00095	
RW-4	11/13/19	0.0014	0.0021	<0.000098	0.0013	<0.000098	0.00061	<0.000098	0.00020	0.0042	<0.000098	0.0013	0.0094	<0.000098	0.026	0.0016	0.06110			0.017
RW-4	12/10/20	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0014	<0.0010	0.0115			0.0014
RW-4	12/06/21	<0.0010	0.0021	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0011	<0.00010	<0.00010	0.0081	<0.00010	0.0051	<0.00010	0.0845			0.0040
RW-5	11/12/08	<0.00184	<0.00184	0.00472	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	0.00466	<0.00184	0.0172	0.0266	0.0192	<0.00184	
RW-5	11/18/09	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	0.00522	<0.000926	0.00683	<0.000926	0.0107	0.0461	0.0236	0.00484	
RW-5	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																		
RW-5	12/14/11	Not Sampled due to the presence of PSH.																		
RW-5	12/06/12	Not Sampled due to the presence of PSH.																		
RW-5	11/21/13	Not Sampled due to the presence of PSH.																		

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-17

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER AP-017

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		---	
RW-5	11/19/14	Not Sampled due to the presence of PSH.																		
RW-5	11/18/15	<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	
RW-5	11/08/16	<0.000200	<0.000200	<0.000200	<0.0000721*	<0.000200	<0.000200	<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-5	11/14/17	0.000236	0.000239	0.000259	0.000206	<0.000166	<0.000166	<0.000166	<0.000166	<0.000166	<0.000166	<0.000166	0.00123	<0.000166	0.00114	<0.000166	0.000918		0.00126	
RW-5	11/13/18	0.00011	0.00038	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.001	<0.00010	0.00095	<0.00010	0.0355		0.0011	
RW-5	11/13/19	0.00097	0.0013	<0.000097	<0.000097	<0.000097	0.00044	<0.000097	0.00021	0.0030	<0.000097	0.00099	0.0074	<0.000097	0.023	0.0021	0.0735		0.0076	
RW-5	12/10/20	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0014	<0.0010	0.0011	<0.0010	0.0185		0.0020	
RW-5	12/06/21	0.0040	0.0011	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.00045	<0.00010	<0.00010	0.0025	<0.00010	0.0019	<0.00010	0.0229		0.0036	
RW-6	11/12/08	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	0.0106	<0.00184	0.011	<0.00184	<0.00184	0.0381	0.0245	0.00901
RW-6	11/18/09	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	0.0748	<0.00463	0.107	<0.00463	0.0222	0.413	0.0617	0.0690
RW-6	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																		
RW-6	12/14/11	Not Sampled due to the presence of PSH.																		
RW-6	12/06/12	Not Sampled due to the presence of PSH.																		
RW-6	11/21/13	<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	0.0166	<0.000200	<0.000200	<0.000200	<0.000200	
RW-6	11/19/14	<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	0.112	<0.000200	
RW-6	11/18/15	<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	1.08	<0.000200	
RW-6	11/18/16	<0.000200	<0.000200	<0.000200	<0.0000721*	<0.000200	<0.000200	<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-6	11/14/17	0.000787	0.000754	0.00078	0.000581	<0.000169	<0.000169	<0.000169	<0.000169	0.000277	<0.000169	0.000267	0.00242	<0.000169	0.00197	0.000369	<0.000338		0.00211	
RW-6	11/13/18	0.00011	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.00043	<0.00010	0.00022	<0.00010	0.00322		0.00045	
RW-6	11/13/19	0.00078	0.0015	0.0021	0.00049	<0.000096	0.00030	<0.000096	0.00018	0.0031	<0.000096	0.00088	0.0084	<0.000096	0.016	0.00036	0.0255		0.0066	
RW-6	12/10/20	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0022	<0.0010	0.0015	<0.0010	0.0124		0.0027	
RW-6	12/06/21	0.0064	0.0020	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0012	<0.00010	<0.00010	0.0056	<0.00010	0.0026	0.00077	0.017		0.0044	

* = Sample Detection Limit (SDL)

TABLE 7

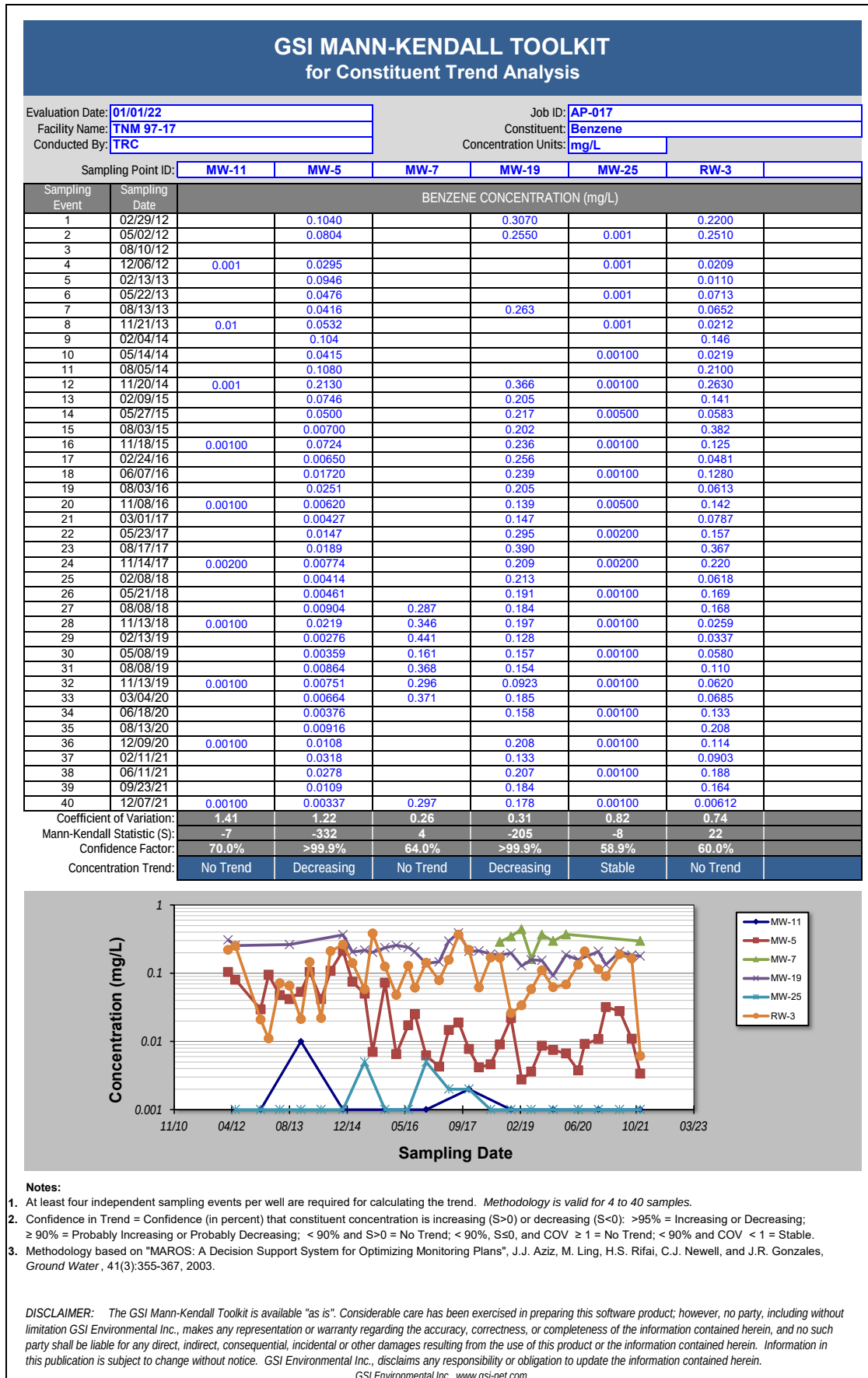


TABLE 8

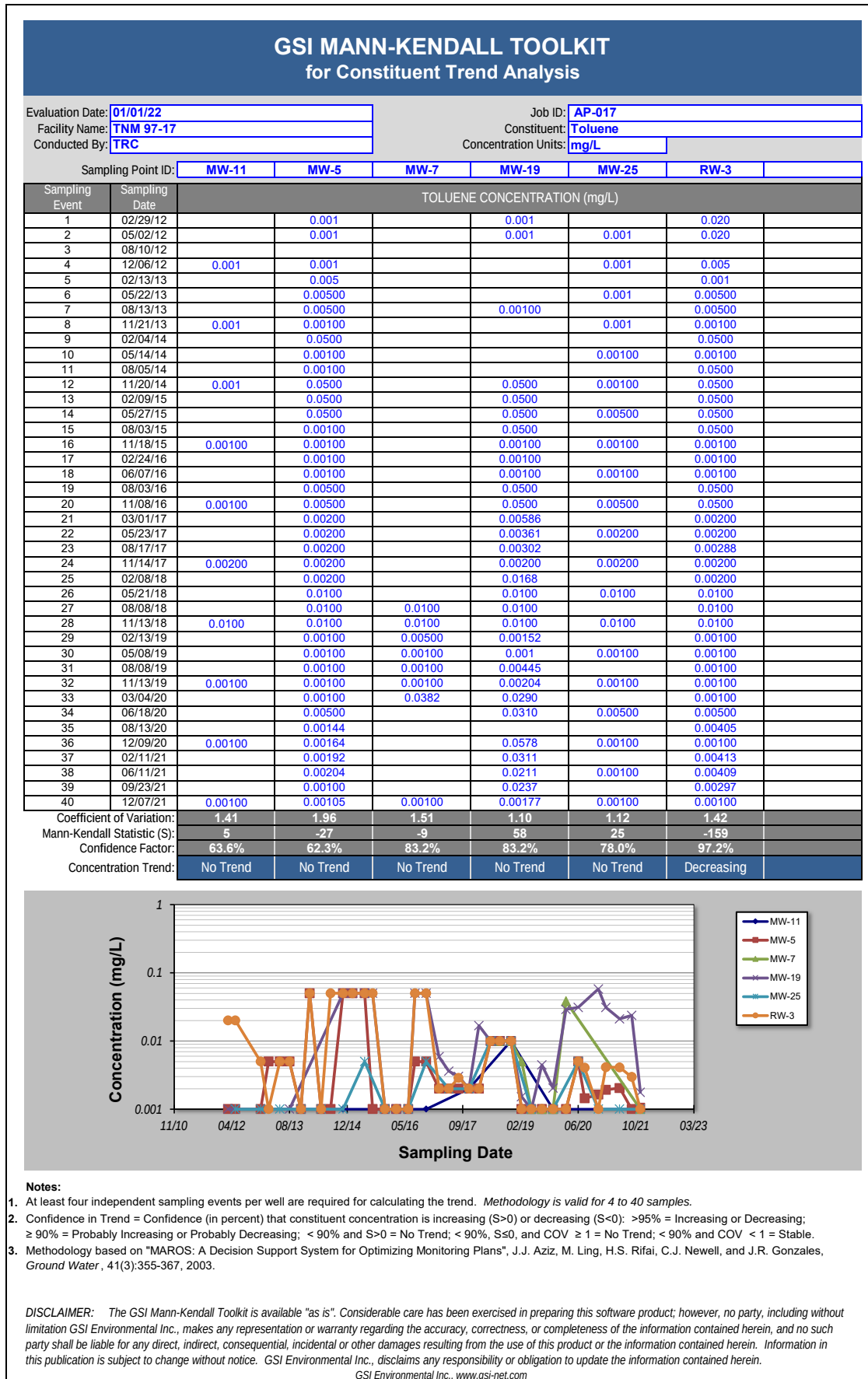


TABLE 9

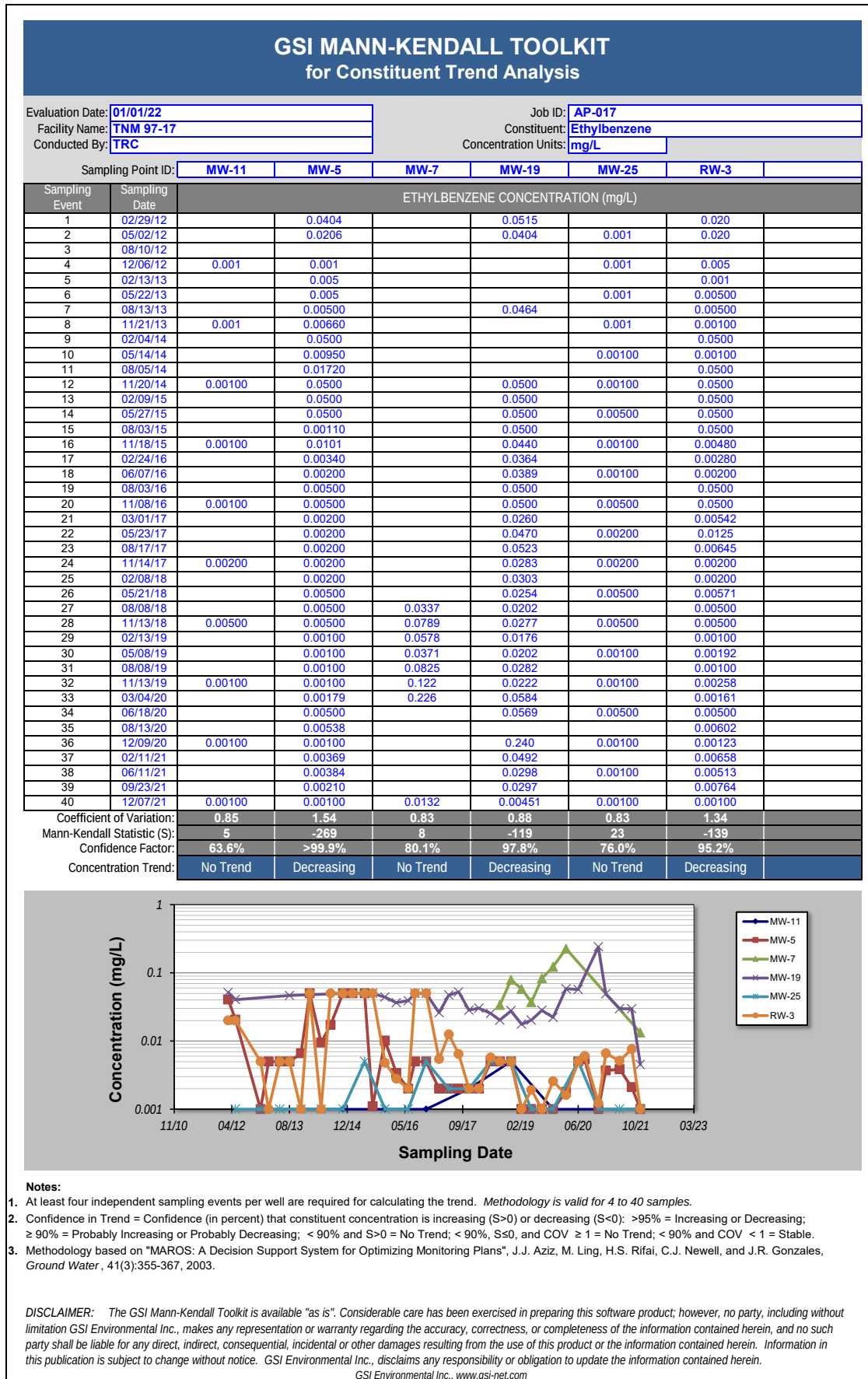


TABLE 10

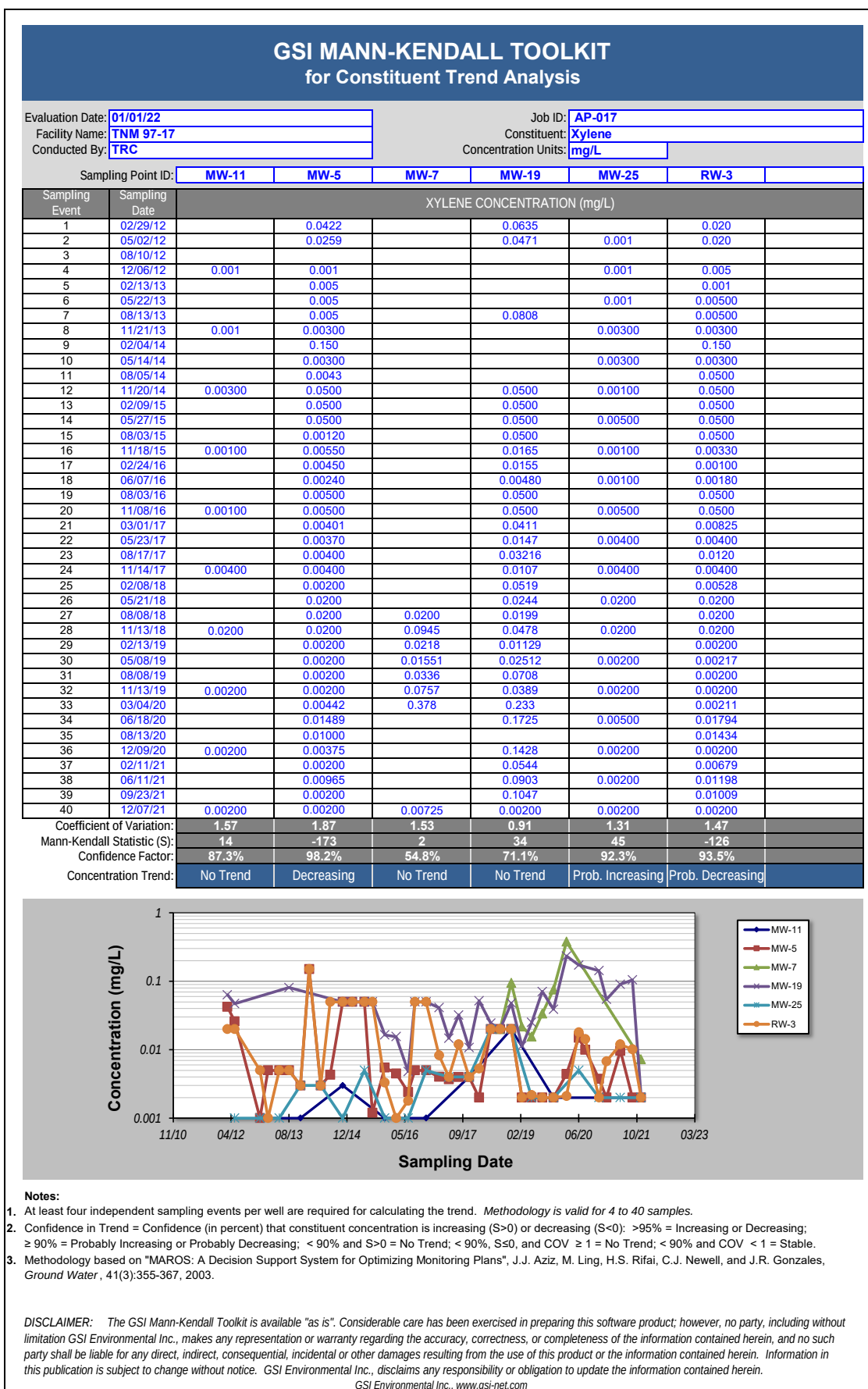


TABLE 11

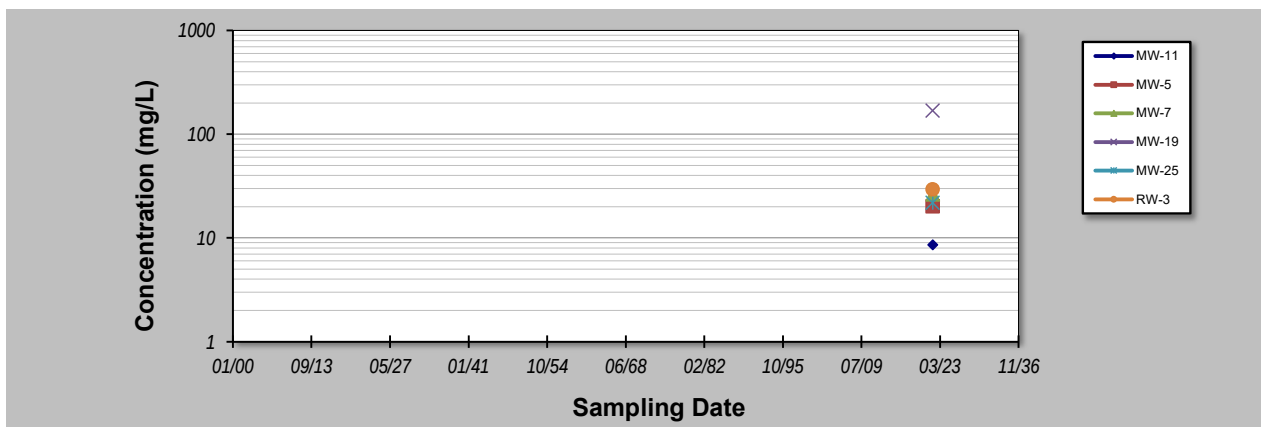
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 01/01/22		Job ID: AP-017	
Facility Name: TNM 97-17		Constituent: Total Organic Carbon (TOC)	
Conducted By: TRC		Concentration Units: mg/L	

Sampling Point ID:	MW-11	MW-5	MW-7	MW-19	MW-25	RW-3

Sampling Event	Sampling Date	TOTAL ORGANIC CARBON (TOC) CONCENTRATION (mg/L)					
1	12/07/21	8.60	20.1	26.4	168	21.8	29.3
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Coefficient of Variation:						
Mann-Kendall Statistic (S):						
Confidence Factor:						
Concentration Trend:						

**Notes:**

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

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TABLE 12

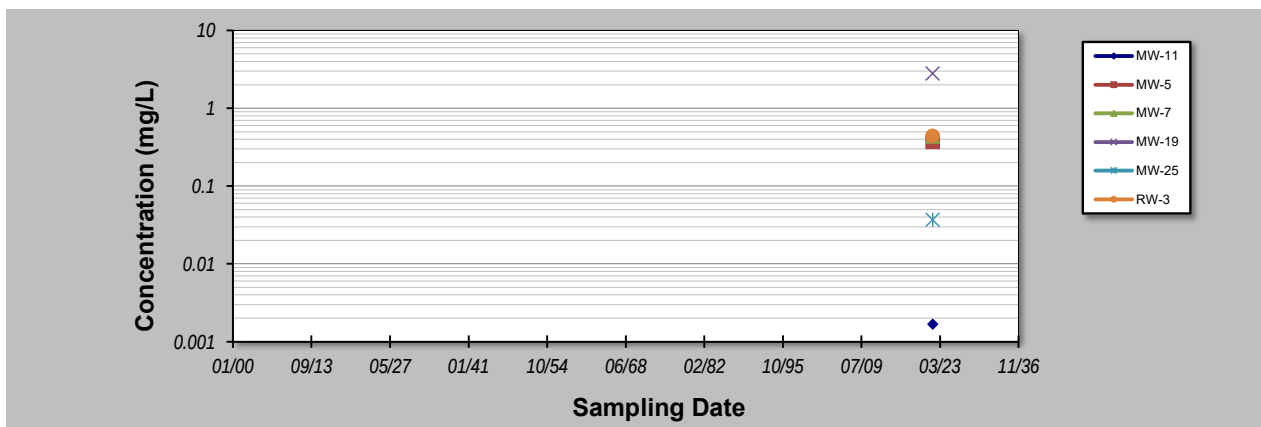
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 01/01/22		Job ID: AP-017	
Facility Name: TNM 97-17		Constituent: Dissolved Methane (RSK-175)	
Conducted By: TRC		Concentration Units: mg/L	

Sampling Point ID:	MW-11	MW-5	MW-7	MW-19	MW-25	RW-3

Sampling Event	Sampling Date	DISSOLVED METHANE (RSK-175) CONCENTRATION (mg/L)					
1	12/07/21	0.00167	0.369	0.438	2.80	0.0368	0.442
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Coefficient of Variation:	
Mann-Kendall Statistic (S):	
Confidence Factor:	
Concentration Trend:	

**Notes:**

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

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TABLE 13

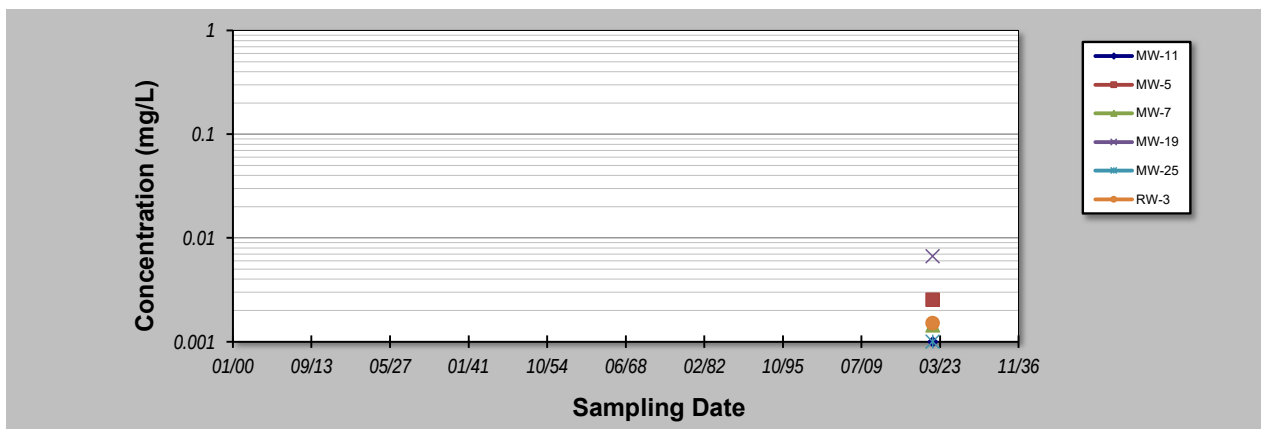
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date:	01/01/22	Job ID:	AP-017
Facility Name:	TNM 97-17	Constituent:	Dissolved Ethane (RSK-175)
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-11	MW-5	MW-7	MW-19	MW-25	RW-3	

Sampling Event	Sampling Date	DISSOLVED ETHANE (RSK-175) CONCENTRATION (mg/L)					
1	12/07/21	0.00100	0.00253	0.00144	0.00664	0.00100	0.00151
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Coefficient of Variation:							
Mann-Kendall Statistic (S):							
Confidence Factor:							
Concentration Trend:							



Notes:

- 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: 01/01/22		Job ID: AP-017					
Facility Name: TNM 97-17		Constituent: Dissolved Ethene (RSK-175)					
Conducted By: TRC		Concentration Units: mg/L					
Sampling Point ID:		MW-11	MW-5	MW-7	MW-19	MW-25	RW-3
Sampling Event	Sampling Date	DISSOLVED ETHENE (RSK-175) CONCENTRATION (mg/L)					
1	12/07/21	0.00100	0.00100	0.00411	0.106	0.00197	0.00100
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
Coefficient of Variation:							
Mann-Kendall Statistic (S):							
Confidence Factor:							
Concentration Trend:							

Notes:

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

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TABLE 15

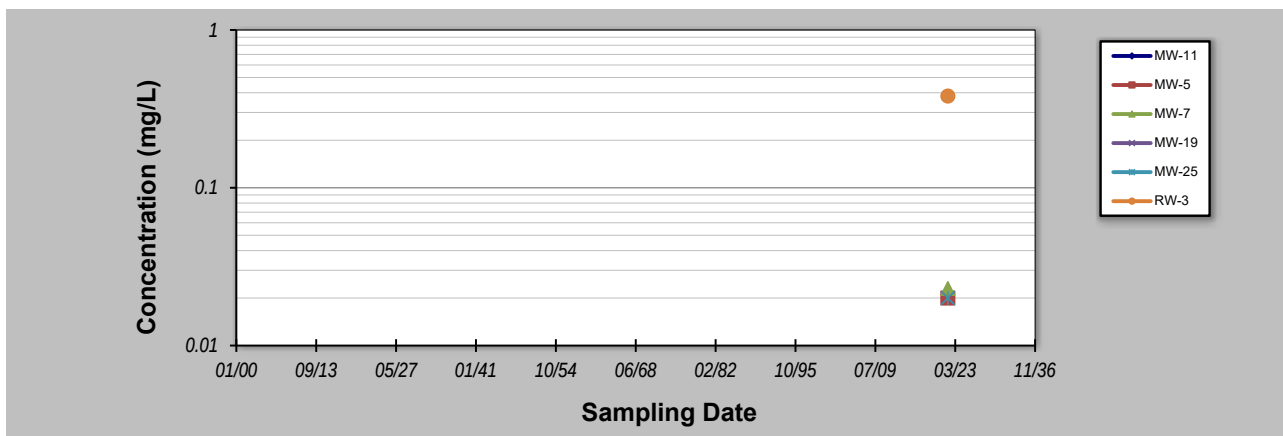
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 01/01/22		Job ID: AP-017	
Facility Name: TNM 97-17		Constituent: Total Iron (filtered)	
Conducted By: TRC		Concentration Units: mg/L	

Sampling Point ID:	MW-11	MW-5	MW-7	MW-19	MW-25	RW-3

Sampling Event	Sampling Date	TOTAL IRON (FILTERED) CONCENTRATION (mg/L)					
1	12/07/21	0.0200	0.0200	0.0230	0.0200	0.0200	0.381
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Coefficient of Variation:	
Mann-Kendall Statistic (S):	
Confidence Factor:	
Concentration Trend:	

**Notes:**

- 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

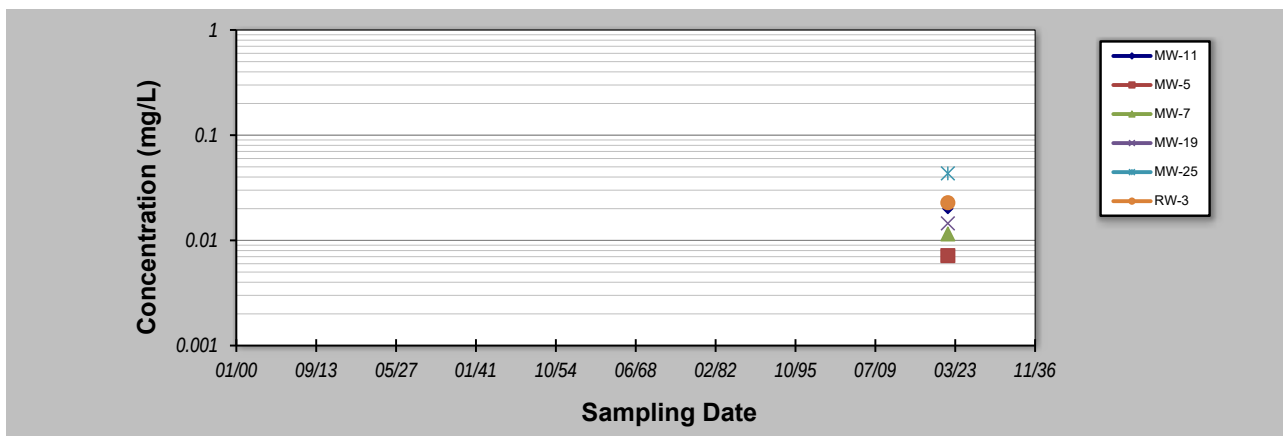
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 01/01/22		Job ID: AP-017	
Facility Name: TNM 97-17		Constituent: Total Manganese (filtered)	
Conducted By: TRC		Concentration Units: mg/L	

Sampling Point ID:		MW-11	MW-5	MW-7	MW-19	MW-25	RW-3

Sampling Event	Sampling Date	TOTAL MANGANESE (FILTERED) CONCENTRATION (mg/L)					
1	12/07/21	0.0200	0.00716	0.0115	0.0145	0.0433	0.0228
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Coefficient of Variation:	
Mann-Kendall Statistic (S):	
Confidence Factor:	
Concentration Trend:	

**Notes:**

- 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: 01/01/22		Job ID: AP-017						
Facility Name: TNM 97-17		Constituent: Nitrate						
Conducted By: TRC		Concentration Units: mg/L						
Sampling Point ID:		MW-11	MW-5	MW-7	MW-19	MW-25	RW-3	
Sampling Event	Sampling Date	NITRATE CONCENTRATION (mg/L)						
1	12/07/21	0.200	0.200	0.200	0.200	0.215	0.200	
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:								
Mann-Kendall Statistic (S):								
Confidence Factor:								
Concentration Trend:								

Notes:

- 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

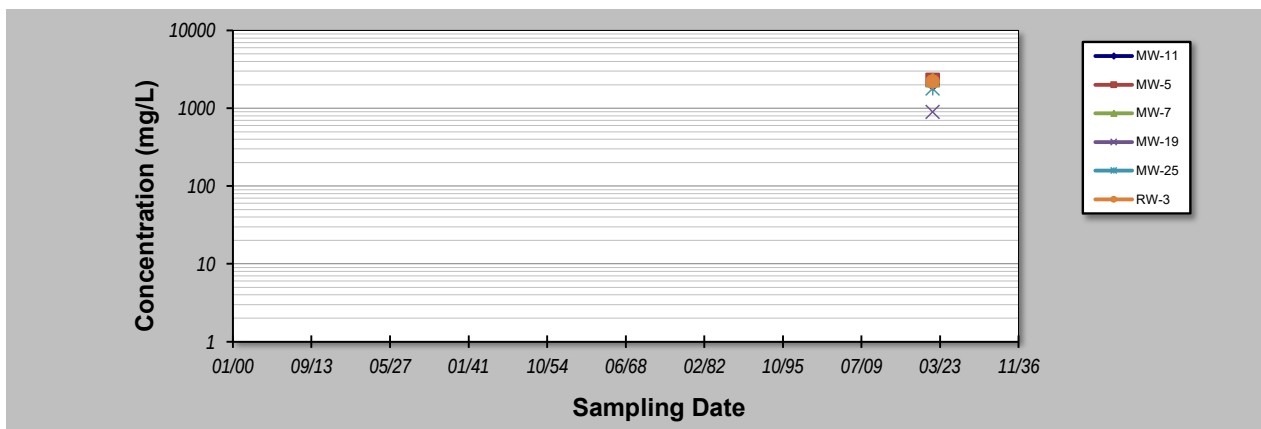
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 01/01/22		Job ID: AP-017	
Facility Name: TNM 97-17		Constituent: Sulfate	
Conducted By: TRC		Concentration Units: mg/L	

Sampling Point ID:	MW-11	MW-5	MW-7	MW-19	MW-25	RW-3

Sampling Event	Sampling Date	SULFATE CONCENTRATION (mg/L)					
1	12/07/21	1960	2320	2300	899	1790	2210
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Coefficient of Variation:						
Mann-Kendall Statistic (S):						
Confidence Factor:						
Concentration Trend:						



Notes:

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

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TABLE 19

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis							
Evaluation Date: 01/01/22		Job ID: AP-017					
Facility Name: TNM 97-17		Constituent: Chemical Oxygen Demand (COD)					
Conducted By: TRC		Concentration Units: mg/L					
Sampling Point ID:		MW-11	MW-5	MW-7	MW-19	MW-25	RW-3
Sampling Event	Sampling Date	CHEMICAL OXYGEN DEMAND (COD) CONCENTRATION (mg/L)					
1	12/07/21	400	59.0	103	1000	53.0	69.0
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
Coefficient of Variation:							
Mann-Kendall Statistic (S):							
Confidence Factor:							
Concentration Trend:							

Legend:

- ◆ MW-11
- MW-5
- ▲ MW-7
- × MW-19
- + MW-25
- RW-3

Notes:

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

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APPENDICES

APPENDIX A: 2021 Laboratory Analytical Reports

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



Analytical Report

Prepared for:

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

Project: 97-17
Project Number: TNM 97-17
Location:
Lab Order Number: 1B12001



NELAP/TCEQ # T104704516-17-8

Report Date: 02/25/21

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

Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

Fax: (432) 520-7701

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW 20	1B12001-01	Water	02/11/21 11:07	02-12-2021 09:25
RW 1	1B12001-02	Water	02/11/21 11:34	02-12-2021 09:25
MW 5	1B12001-03	Water	02/11/21 12:04	02-12-2021 09:25
MW 6	1B12001-04	Water	02/11/21 12:25	02-12-2021 09:25
MW 15	1B12001-05	Water	02/11/21 12:58	02-12-2021 09:25
RW 6	1B12001-06	Water	02/11/21 13:23	02-12-2021 09:25
RW 3	1B12001-07	Water	02/11/21 14:07	02-12-2021 09:25
RW 4	1B12001-08	Water	02/11/21 14:23	02-12-2021 09:25
MW 14	1B12001-09	Water	02/11/21 14:55	02-12-2021 09:25
RW 5	1B12001-10	Water	02/11/21 15:29	02-12-2021 09:25
MW 19	1B12001-11	Water	02/11/21 15:47	02-12-2021 09:25
MW 4	1B12001-12	Water	02/11/21 16:11	02-12-2021 09:25

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

Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW 20

1B12001-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Toluene	0.00149	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		101 %	80-120		P1B1601	02/16/21	02/17/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.0 %	80-120		P1B1601	02/16/21	02/17/21	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: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

Fax: (432) 520-7701

RW 1

1B12001-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.00977	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Toluene	0.00630	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Ethylbenzene	0.0260	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Xylene (p/m)	0.00583	0.00200	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Xylene (o)	0.00806	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		88.7 %	80-120		P1B1601	02/16/21	02/17/21	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		95.4 %	80-120		P1B1601	02/16/21	02/17/21	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW 5

1B12001-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0318	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B
Toluene	0.00192	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B
Ethylbenzene	0.00369	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B
Surrogate: 4-Bromofluorobenzene		93.3 %	80-120		P1B1601	02/16/21	02/17/21	EPA 8021B
Surrogate: 1,4-Difluorobenzene		96.7 %	80-120		P1B1601	02/16/21	02/17/21	EPA 8021B

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW 6

1B12001-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0305	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Toluene	0.00711	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Ethylbenzene	0.0296	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Xylene (p/m)	0.00786	0.00200	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Xylene (o)	0.00812	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>50.1 %</i>	<i>80-120</i>		<i>P1B1601</i>	<i>02/16/21</i>	<i>02/17/21</i>	<i>EPA 8021B</i>	<i>S-GC</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>101 %</i>	<i>80-120</i>		<i>P1B1601</i>	<i>02/16/21</i>	<i>02/17/21</i>	<i>EPA 8021B</i>	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW 15

1B12001-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0575	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Toluene	0.0163	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Ethylbenzene	0.0521	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Xylene (p/m)	0.0198	0.00200	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Xylene (o)	0.0155	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		45.6 %		80-120	P1B1601	02/16/21	02/17/21	EPA 8021B	S-GC
<i>Surrogate: 1,4-Difluorobenzene</i>		97.7 %		80-120	P1B1601	02/16/21	02/17/21	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

Fax: (432) 520-7701

RW 6

1B12001-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0643	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Toluene	0.0182	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Ethylbenzene	0.0569	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Xylene (p/m)	0.0144	0.00200	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Xylene (o)	0.0137	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		54.8 %	80-120		P1B1601	02/16/21	02/17/21	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		95.7 %	80-120		P1B1601	02/16/21	02/17/21	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

Fax: (432) 520-7701

RW 3

1B12001-07 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0903	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Toluene	0.00413	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Ethylbenzene	0.00658	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Xylene (p/m)	0.00536	0.00200	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Xylene (o)	0.00143	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>84.9 %</i>		<i>80-120</i>	<i>P1B1601</i>	<i>02/16/21</i>	<i>02/17/21</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>97.5 %</i>		<i>80-120</i>	<i>P1B1601</i>	<i>02/16/21</i>	<i>02/17/21</i>	<i>EPA 8021B</i>	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

Fax: (432) 520-7701

RW 4

1B12001-08 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.154	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Toluene	0.0160	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Ethylbenzene	0.175	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Xylene (p/m)	0.149	0.00200	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Xylene (o)	0.0145	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>45.3 %</i>	<i>80-120</i>		<i>P1B1601</i>	<i>02/16/21</i>	<i>02/17/21</i>	<i>EPA 8021B</i>	<i>S-GC</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>103 %</i>	<i>80-120</i>		<i>P1B1601</i>	<i>02/16/21</i>	<i>02/17/21</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: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW 14

1B12001-09 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.140	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Toluene	0.0245	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Ethylbenzene	0.145	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Xylene (p/m)	0.129	0.00200	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Xylene (o)	0.0182	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		41.2 %	80-120		P1B1601	02/16/21	02/17/21	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		98.2 %	80-120		P1B1601	02/16/21	02/17/21	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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10 Desta Dr STE 150E
Midland TX, 79705

Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

Fax: (432) 520-7701

RW 5

1B12001-10 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.135	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Toluene	0.00518	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Ethylbenzene	0.0297	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Xylene (p/m)	0.0266	0.00200	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		77.1 %	80-120		P1B1601	02/16/21	02/17/21	EPA 8021B	S-GC
<i>Surrogate: 1,4-Difluorobenzene</i>		94.5 %	80-120		P1B1601	02/16/21	02/17/21	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW 19

1B12001-11 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.133	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Toluene	0.0311	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Ethylbenzene	0.0492	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Xylene (p/m)	0.0387	0.00200	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Xylene (o)	0.0157	0.00100	mg/L	1	P1B1601	02/16/21	02/17/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		46.7 %	80-120		P1B1601	02/16/21	02/17/21	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		95.2 %	80-120		P1B1601	02/16/21	02/17/21	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: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW 4

1B12001-12 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.865	0.00500	mg/L	5	P1B1601	02/16/21	02/17/21	EPA 8021B	
Toluene	0.0110	0.00500	mg/L	5	P1B1601	02/16/21	02/17/21	EPA 8021B	
Ethylbenzene	0.0226	0.00500	mg/L	5	P1B1601	02/16/21	02/17/21	EPA 8021B	
Xylene (p/m)	0.0456	0.0100	mg/L	5	P1B1601	02/16/21	02/17/21	EPA 8021B	
Xylene (o)	ND	0.00500	mg/L	5	P1B1601	02/16/21	02/17/21	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>81.3 %</i>		<i>80-120</i>	<i>P1B1601</i>	<i>02/16/21</i>	<i>02/17/21</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>99.3 %</i>		<i>80-120</i>	<i>P1B1601</i>	<i>02/16/21</i>	<i>02/17/21</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: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

Fax: (432) 520-7701

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

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

Batch P1B1601 - * DEFAULT PREP *****

Blank (P1B1601-BLK1)

Prepared: 02/16/21 Analyzed: 02/17/21

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		102	80-120			

LCS (P1B1601-BS1)

Prepared: 02/16/21 Analyzed: 02/17/21

Benzene	0.0818	0.00100	mg/L	0.100		81.8	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.109	0.00100	"	0.100		109	80-120			
Xylene (p/m)	0.218	0.00200	"	0.200		109	80-120			
Xylene (o)	0.111	0.00100	"	0.100		111	80-120			
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.124		"	0.120		103	80-120			

LCS Dup (P1B1601-BSD1)

Prepared: 02/16/21 Analyzed: 02/17/21

Benzene	0.0810	0.00100	mg/L	0.100		81.0	80-120	1.02	20	
Toluene	0.0971	0.00100	"	0.100		97.1	80-120	5.37	20	
Ethylbenzene	0.109	0.00100	"	0.100		109	80-120	0.101	20	
Xylene (p/m)	0.213	0.00200	"	0.200		106	80-120	2.31	20	
Xylene (o)	0.109	0.00100	"	0.100		109	80-120	1.53	20	
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.1	80-120			

Calibration Check (P1B1601-CCV1)

Prepared: 02/16/21 Analyzed: 02/17/21

Benzene	0.0808	0.00100	mg/L	0.100		80.8	80-120			
Toluene	0.0992	0.00100	"	0.100		99.2	80-120			
Ethylbenzene	0.120	0.00100	"	0.100		120	80-120			
Xylene (p/m)	0.216	0.00200	"	0.200		108	80-120			
Xylene (o)	0.113	0.00100	"	0.100		113	80-120			
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.4	80-120			

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10 Desta Dr STE 150E
Midland TX, 79705

Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

Fax: (432) 520-7701

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

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

Batch P1B1601 - * DEFAULT PREP *****

Calibration Check (P1B1601-CCV2)				Prepared: 02/16/21		Analyzed: 02/17/21	
Benzene	0.0804	0.00100	mg/L	0.100		80.4	80-120
Toluene	0.103	0.00100	"	0.100		103	80-120
Ethylbenzene	0.120	0.00100	"	0.100		120	80-120
Xylene (p/m)	0.208	0.00200	"	0.200		104	80-120
Xylene (o)	0.112	0.00100	"	0.100		112	80-120
Surrogate: 4-Bromofluorobenzene	0.105		"	0.120		87.7	80-120
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.8	80-120

Calibration Check (P1B1601-CCV3)				Prepared: 02/16/21		Analyzed: 02/17/21	
Benzene	0.0823	0.00100	mg/L	0.100		82.3	80-120
Toluene	0.0981	0.00100	"	0.100		98.1	80-120
Ethylbenzene	0.120	0.00100	"	0.100		120	80-120
Xylene (p/m)	0.204	0.00200	"	0.200		102	80-120
Xylene (o)	0.106	0.00100	"	0.100		106	80-120
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		94.3	80-120
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.9	80-120

Matrix Spike (P1B1601-MS1)				Source: 1B12001-03		Prepared: 02/16/21		Analyzed: 02/17/21	
Benzene	0.0895	0.00100	mg/L	0.100	0.0318	57.7	80-120		QM-07
Toluene	0.0920	0.00100	"	0.100	0.00192	90.0	80-120		
Ethylbenzene	0.104	0.00100	"	0.100	0.00369	100	80-120		
Xylene (p/m)	0.186	0.00200	"	0.200	ND	93.2	80-120		
Xylene (o)	0.0956	0.00100	"	0.100	ND	95.6	80-120		
Surrogate: 4-Bromofluorobenzene	0.109		"	0.120		90.5	80-120		
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.7	80-120		

Matrix Spike Dup (P1B1601-MSD1)	Source: 1B12001-03			Prepared: 02/16/21 Analyzed: 02/17/21						
Benzene	0.0869	0.00100	mg/L	0.100	0.0318	55.1	80-120	4.68	20	QM-07
Toluene	0.0888	0.00100	"	0.100	0.00192	86.9	80-120	3.54	20	
Ethylbenzene	0.103	0.00100	"	0.100	0.00369	99.5	80-120	0.601	20	
Xylene (p/m)	0.183	0.00200	"	0.200	ND	91.5	80-120	1.82	20	
Xylene (o)	0.0954	0.00100	"	0.100	ND	95.4	80-120	0.262	20	
Surrogate: 4-Bromofluorobenzene	0.0982		"	0.120		81.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		94.1	80-120			

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: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

Fax: (432) 520-7701

Notes and Definitions

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

ROI Received on Ice

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

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:

2/25/2021

Brent Barron, Laboratory Director/Technical Director

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

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

PBB LAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235

Project Manager:

Curt Stanley

Company Name

TRC

Company Address:

10 Dosta Dr

City/State/Zip:

Midland TX 79705

Telephone No:

432 520-7720

Fax No:

Sampler Signature:

Mark H. [Signature]

e-mail:

Project Name:

92-17

Project #:

Project Loc:

PO #:

Report Format:

☒ Standard☐ TRRP☐ NPDES

(lab use only)

ORDER #: 1014001

LAB # (lab use only)

FIELD CODE

Beginning Depth

Ending Depth

Date Sampled

Time Sampled

Field Filtered

Total #. of Containers

Ice

HNO₃

HCl

H₂SO₄

NaOH

Na₂S₂O₃

None

Other (Specify)

DW=Drinking Water SL=Sludge

GW = Groundwater S=Soil/Solid

NP=Non-Potable Specify Other

TPH: TX 1005 TX 1006

Anions (Cl, SO₄, Alkalinity)

BTEX 80213/5030 or BTEX 8260

Preservation & # of Containers

Matrix

Analyze For:

TCAP:

TOTAL:

RUSH TAT (Pre-Schedule) 24, 48, 72 hrs

Standard TAT

Special Instructions:

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Laboratory Comments:

Sample Containers intact?

VOCs Free of HeadSpace?

Labels on container(s)?

Custody seals on container(s)?

Sample Hand Delivered?

by Courier? JPS DHL FedEx Lone Star

Temperature Upon Receipt

Adjusted

ZZZZZZZZ

20110 30 CFIL

PBETLAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235

Project Manager:

Company Name:

Company Address:

City/State/Zip:

Telephone No:

Sampler Signature:

e-mail:

Project Name:

Project #:

Project Loc:

PO #:

Report Format:

☒ Standard☐ TRRP☐ NPDES

(lab use only)

ORDER #: 1618001

LAB # (lab use only)

FIELD CODE

Beginning Depth

Ending Depth

Date Sampled

Time Sampled

Field Filtered

Total #. of Containers

Ice

HNO₃

HCl

H₂SO₄

NaOH

Na₂S₂O₃

None

Other (Specify)

DW=Drinking Water SL=Sludge

GW = Groundwater S=Soil/Solid

NP=Non-Potable Specify Other

TPH: TX 1005 TX 1006

Anions (Cl, SO₄, Alkalinity)

BTEX 802/B/5030 or BTEX 8260

RUSH TAT (Pre-Schedule) 24, 48, 72 hrs

Standard TAT

Preservation & # of Containers

Matrix

Analyze For:

TCLP:

TOTAL:

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 802/B/5030 or BTEX 8260	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
10	RM 5			2-11-21	1529		3X																				
11	mw 19				1547																						
12	mw 4				1611																						

Special Instructions:

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Laboratory Comments:

Sample Containers Intact?

VOCs Free of Headspace?

Labels on containers?

Custody seals on containers?

Sample Hand Delivered by Courier?

Temperature Upon Receipt:

Adjusted:

Sample Containers Intact? N

VOCs Free of Headspace? N

Labels on containers? N

Custody seals on containers? N

Sample Hand Delivered by Courier? N

Temperature Upon Receipt: N

Adjusted: N

20 H10 3.0 CFU

**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: 97-17
Project Number: TNM 97-17
Location:
Lab Order Number: 1F16001



Current Certification

Report Date: 06/21/21

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

Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW10	1F16001-01	Water	06/10/21 10:48	06-16-2021 08:28
MW21	1F16001-02	Water	06/10/21 11:17	06-16-2021 08:28
MW26	1F16001-03	Water	06/10/21 11:42	06-16-2021 08:28
MW25	1F16001-04	Water	06/10/21 12:08	06-16-2021 08:28
MW27	1F16001-05	Water	06/10/21 12:46	06-16-2021 08:28
MW23	1F16001-06	Water	06/10/21 13:08	06-16-2021 08:28
MW20	1F16001-07	Water	06/10/21 13:28	06-16-2021 08:28
RW1	1F16001-08	Water	06/10/21 14:01	06-16-2021 08:28
MW6	1F16001-09	Water	06/10/21 14:25	06-16-2021 08:28
MW5	1F16001-10	Water	06/11/21 11:02	06-16-2021 08:28
MW15	1F16001-11	Water	06/11/21 11:25	06-16-2021 08:28
RW6	1F16001-12	Water	06/11/21 11:51	06-16-2021 08:28
RW3	1F16001-13	Water	06/11/21 12:35	06-16-2021 08:28
MW19	1F16001-14	Water	06/11/21 12:52	06-16-2021 08:28
RW5	1F16001-15	Water	06/11/21 13:33	06-16-2021 08:28
MW14	1F16001-16	Water	06/11/21 13:57	06-16-2021 08:28
RW4	1F16001-17	Water	06/11/21 14:22	06-16-2021 08:28
MW4	1F16001-18	Water	06/11/21 14:47	06-16-2021 08:28

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

Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW10
1F16001-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 16:22	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 16:22	EPA 8021B	
Ethylbenzene	0.00211	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 16:22	EPA 8021B	
Xylene (p/m)	0.00436	0.00200	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 16:22	EPA 8021B	
Xylene (o)	0.00112	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 16:22	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	100 %		80-120		P1F1607	06/16/21 10:57	06/16/21 16:22	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	100 %		80-120		P1F1607	06/16/21 10:57	06/16/21 16:22	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: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW21
1F16001-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 16:44	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 16:44	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 16:44	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 16:44	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 16:44	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	98.6 %		80-120		P1F1607	06/16/21 10:57	06/16/21 16:44	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	101 %		80-120		P1F1607	06/16/21 10:57	06/16/21 16:44	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: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW26
1F16001-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 17:04	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 17:04	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 17:04	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 17:04	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 17:04	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	96.8 %		80-120		P1F1607	06/16/21 10:57	06/16/21 17:04	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.5 %		80-120		P1F1607	06/16/21 10:57	06/16/21 17:04	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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TRC Solutions- Midland, Texas
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Midland TX, 79705

Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW25
1F16001-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 17:25	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 17:25	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 17:25	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 17:25	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 17:25	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	97.2 %		80-120		P1F1607	06/16/21 10:57	06/16/21 17:25	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	100 %		80-120		P1F1607	06/16/21 10:57	06/16/21 17:25	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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TRC Solutions- Midland, Texas
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Midland TX, 79705

Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW27**1F16001-05 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

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

Benzene	ND	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 18:29	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 18:29	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 18:29	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 18:29	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 18:29	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	96.7 %		80-120		P1F1607	06/16/21 10:57	06/16/21 18:29	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	102 %		80-120		P1F1607	06/16/21 10:57	06/16/21 18:29	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW23
1F16001-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 18:51	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 18:51	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 18:51	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 18:51	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 18:51	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	96.9 %		80-120		P1F1607	06/16/21 10:57	06/16/21 18:51	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	101 %		80-120		P1F1607	06/16/21 10:57	06/16/21 18:51	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW20
1F16001-07 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 19:12	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 19:12	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 19:12	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 19:12	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 19:12	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	97.8 %		80-120		P1F1607	06/16/21 10:57	06/16/21 19:12	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	99.6 %		80-120		P1F1607	06/16/21 10:57	06/16/21 19:12	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

RW1**1F16001-08 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

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

Benzene	0.0116	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 19:33	EPA 8021B	
Toluene	0.00619	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 19:33	EPA 8021B	
Ethylbenzene	0.0114	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 19:33	EPA 8021B	
Xylene (p/m)	0.0198	0.00200	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 19:33	EPA 8021B	
Xylene (o)	0.00368	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 19:33	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	106 %		80-120		P1F1607	06/16/21 10:57	06/16/21 19:33	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	102 %		80-120		P1F1607	06/16/21 10:57	06/16/21 19:33	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW6**1F16001-09 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

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

Benzene	0.0366	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/18/21 10:42	EPA 8021B	
Toluene	0.00500	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/18/21 10:42	EPA 8021B	
Ethylbenzene	0.00569	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/18/21 10:42	EPA 8021B	
Xylene (p/m)	0.0161	0.00200	mg/L	1	P1F1607	06/16/21 10:57	06/18/21 10:42	EPA 8021B	
Xylene (o)	0.00636	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/18/21 10:42	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>98.6 %</i>		<i>80-120</i>		<i>P1F1607</i>	<i>06/16/21 10:57</i>	<i>06/18/21 10:42</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>97.5 %</i>		<i>80-120</i>		<i>P1F1607</i>	<i>06/16/21 10:57</i>	<i>06/18/21 10:42</i>	<i>EPA 8021B</i>	

Permian Basin Environmental Lab, L.P.

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Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW5
1F16001-10 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0278	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 20:16	EPA 8021B	
Toluene	0.00204	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 20:16	EPA 8021B	
Ethylbenzene	0.00384	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 20:16	EPA 8021B	
Xylene (p/m)	0.00677	0.00200	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 20:16	EPA 8021B	
Xylene (o)	0.00288	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 20:16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	102 %		80-120		P1F1607	06/16/21 10:57	06/16/21 20:16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	101 %		80-120		P1F1607	06/16/21 10:57	06/16/21 20:16	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW15
1F16001-11 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0443	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 20:37	EPA 8021B	
Toluene	0.0145	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 20:37	EPA 8021B	
Ethylbenzene	0.0143	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 20:37	EPA 8021B	
Xylene (p/m)	0.0563	0.00200	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 20:37	EPA 8021B	
Xylene (o)	0.0174	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 20:37	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	107 %		80-120		P1F1607	06/16/21 10:57	06/16/21 20:37	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	102 %		80-120		P1F1607	06/16/21 10:57	06/16/21 20:37	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

RW6
1F16001-12 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0818	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 20:58	EPA 8021B	
Toluene	0.0159	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 20:58	EPA 8021B	
Ethylbenzene	0.0229	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 20:58	EPA 8021B	
Xylene (p/m)	0.0474	0.00200	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 20:58	EPA 8021B	
Xylene (o)	0.0124	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 20:58	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>106 %</i>		<i>80-120</i>		<i>P1F1607</i>	<i>06/16/21 10:57</i>	<i>06/16/21 20:58</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>102 %</i>		<i>80-120</i>		<i>P1F1607</i>	<i>06/16/21 10:57</i>	<i>06/16/21 20:58</i>	<i>EPA 8021B</i>	

Permian Basin Environmental Lab, L.P.

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Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

RW3**1F16001-13 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

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

Benzene	0.188	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 21:19	EPA 8021B	
Toluene	0.00409	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 21:19	EPA 8021B	
Ethylbenzene	0.00513	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 21:19	EPA 8021B	
Xylene (p/m)	0.0106	0.00200	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 21:19	EPA 8021B	
Xylene (o)	0.00138	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 21:19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	96.5 %		80-120		P1F1607	06/16/21 10:57	06/16/21 21:19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	94.7 %		80-120		P1F1607	06/16/21 10:57	06/16/21 21:19	EPA 8021B	

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Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW19
1F16001-14 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.207	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 21:39	EPA 8021B	
Toluene	0.0211	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 21:39	EPA 8021B	
Ethylbenzene	0.0298	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 21:39	EPA 8021B	
Xylene (p/m)	0.0793	0.00200	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 21:39	EPA 8021B	
Xylene (o)	0.0110	0.00100	mg/L	1	P1F1607	06/16/21 10:57	06/16/21 21:39	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	103 %		80-120		P1F1607	06/16/21 10:57	06/16/21 21:39	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	99.0 %		80-120		P1F1607	06/16/21 10:57	06/16/21 21:39	EPA 8021B	

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Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

RW5
1F16001-15 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.206	0.00100	mg/L	1	P1F1608	06/16/21 11:05	06/17/21 00:24	EPA 8021B	
Toluene	0.00220	0.00100	mg/L	1	P1F1608	06/16/21 11:05	06/17/21 00:24	EPA 8021B	
Ethylbenzene	0.0125	0.00100	mg/L	1	P1F1608	06/16/21 11:05	06/17/21 00:24	EPA 8021B	
Xylene (p/m)	0.0216	0.00200	mg/L	1	P1F1608	06/16/21 11:05	06/17/21 00:24	EPA 8021B	
Xylene (o)	0.00616	0.00100	mg/L	1	P1F1608	06/16/21 11:05	06/17/21 00:24	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>102 %</i>		<i>80-120</i>		<i>P1F1608</i>	<i>06/16/21 11:05</i>	<i>06/17/21 00:24</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>96.0 %</i>		<i>80-120</i>		<i>P1F1608</i>	<i>06/16/21 11:05</i>	<i>06/17/21 00:24</i>	<i>EPA 8021B</i>	

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Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW14
1F16001-16 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.236	0.00100	mg/L	1	P1F1608	06/16/21 11:05	06/17/21 00:45	EPA 8021B	
Toluene	0.0227	0.00100	mg/L	1	P1F1608	06/16/21 11:05	06/17/21 00:45	EPA 8021B	
Ethylbenzene	0.137	0.00100	mg/L	1	P1F1608	06/16/21 11:05	06/17/21 00:45	EPA 8021B	
Xylene (p/m)	0.151	0.00200	mg/L	1	P1F1608	06/16/21 11:05	06/17/21 00:45	EPA 8021B	
Xylene (o)	0.0148	0.00100	mg/L	1	P1F1608	06/16/21 11:05	06/17/21 00:45	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	104 %		80-120		P1F1608	06/16/21 11:05	06/17/21 00:45	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	97.0 %		80-120		P1F1608	06/16/21 11:05	06/17/21 00:45	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

RW4**1F16001-17 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

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

Benzene	0.417	0.00500	mg/L	5	P1F1608	06/16/21 11:05	06/17/21 01:06	EPA 8021B	
Toluene	0.0116	0.00500	mg/L	5	P1F1608	06/16/21 11:05	06/17/21 01:06	EPA 8021B	
Ethylbenzene	0.191	0.00500	mg/L	5	P1F1608	06/16/21 11:05	06/17/21 01:06	EPA 8021B	
Xylene (p/m)	0.154	0.0100	mg/L	5	P1F1608	06/16/21 11:05	06/17/21 01:06	EPA 8021B	
Xylene (o)	0.00575	0.00500	mg/L	5	P1F1608	06/16/21 11:05	06/17/21 01:06	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	96.0 %		80-120		P1F1608	06/16/21 11:05	06/17/21 01:06	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	97.9 %		80-120		P1F1608	06/16/21 11:05	06/17/21 01:06	EPA 8021B	

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Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW4**1F16001-18 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

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

Benzene	1.86	0.00500	mg/L	5	P1F1608	06/16/21 11:05	06/17/21 10:48	EPA 8021B	
Toluene	0.00625	0.00500	mg/L	5	P1F1608	06/16/21 11:05	06/17/21 10:48	EPA 8021B	
Ethylbenzene	0.0148	0.00500	mg/L	5	P1F1608	06/16/21 11:05	06/17/21 10:48	EPA 8021B	
Xylene (p/m)	0.0395	0.0100	mg/L	5	P1F1608	06/16/21 11:05	06/17/21 10:48	EPA 8021B	
Xylene (o)	ND	0.00500	mg/L	5	P1F1608	06/16/21 11:05	06/17/21 10:48	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	89.9 %		80-120		P1F1608	06/16/21 11:05	06/17/21 10:48	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	92.6 %		80-120		P1F1608	06/16/21 11:05	06/17/21 10:48	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: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

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

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

Batch P1F1607 - * DEFAULT PREP *****

Blank (P1F1607-BLK1)

Prepared & Analyzed: 06/16/21

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		96.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		100	80-120			

LCS (P1F1607-BS1)

Prepared & Analyzed: 06/16/21

Benzene	0.102	0.00100	mg/L	0.100		102	80-120			
Toluene	0.101	0.00100	"	0.100		101	80-120			
Ethylbenzene	0.106	0.00100	"	0.100		106	80-120			
Xylene (p/m)	0.202	0.00200	"	0.200		101	80-120			
Xylene (o)	0.0987	0.00100	"	0.100		98.7	80-120			
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.0	80-120			

LCS Dup (P1F1607-BSD1)

Prepared & Analyzed: 06/16/21

Benzene	0.105	0.00100	mg/L	0.100		105	80-120	3.27	20	
Toluene	0.105	0.00100	"	0.100		105	80-120	3.52	20	
Ethylbenzene	0.109	0.00100	"	0.100		109	80-120	2.74	20	
Xylene (p/m)	0.206	0.00200	"	0.200		103	80-120	2.29	20	
Xylene (o)	0.102	0.00100	"	0.100		102	80-120	3.22	20	
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.4	80-120			

Calibration Blank (P1F1607-CCB1)

Prepared & Analyzed: 06/16/21

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	80-120			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

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

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

Batch P1F1607 - * DEFAULT PREP *****

Calibration Blank (P1F1607-CCB2)

Prepared & Analyzed: 06/16/21

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		96.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			

Calibration Blank (P1F1607-CCB3)

Prepared & Analyzed: 06/16/21

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		93.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	80-120			

Calibration Check (P1F1607-CCV1)

Prepared & Analyzed: 06/16/21

Benzene	0.101	0.00100	mg/L	0.100		101	80-120			
Toluene	0.101	0.00100	"	0.100		101	80-120			
Ethylbenzene	0.104	0.00100	"	0.100		104	80-120			
Xylene (p/m)	0.195	0.00200	"	0.200		97.5	80-120			
Xylene (o)	0.0984	0.00100	"	0.100		98.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.7	80-120			

Calibration Check (P1F1607-CCV2)

Prepared & Analyzed: 06/16/21

Benzene	0.106	0.00100	mg/L	0.100		106	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)	0.197	0.00200	"	0.200		98.3	80-120			
Xylene (o)	0.101	0.00100	"	0.100		101	80-120			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		100	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.7	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: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

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

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

Batch P1F1607 - * DEFAULT PREP *****

Calibration Check (P1F1607-CCV3)

Prepared & Analyzed: 06/16/21

Benzene	0.106	0.00100	mg/L	0.100		106	80-120			
Toluene	0.103	0.00100	"	0.100		103	80-120			
Ethylbenzene	0.104	0.00100	"	0.100		104	80-120			
Xylene (p/m)	0.199	0.00200	"	0.200		99.4	80-120			
Xylene (o)	0.0966	0.00100	"	0.100		96.6	80-120			
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		99.8	80-120			

Matrix Spike (P1F1607-MS1)

Source: 1F16001-01

Prepared & Analyzed: 06/16/21

Benzene	0.111	0.00100	mg/L	0.100	ND	111	80-120			
Toluene	0.107	0.00100	"	0.100	0.000750	106	80-120			
Ethylbenzene	0.113	0.00100	"	0.100	0.00211	111	80-120			
Xylene (p/m)	0.205	0.00200	"	0.200	0.00436	100	80-120			
Xylene (o)	0.107	0.00100	"	0.100	0.00112	106	80-120			
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.1	80-120			

Matrix Spike Dup (P1F1607-MSD1)

Source: 1F16001-01

Prepared & Analyzed: 06/16/21

Benzene	0.108	0.00100	mg/L	0.100	ND	108	80-120	2.45	20	
Toluene	0.103	0.00100	"	0.100	0.000750	103	80-120	3.31	20	
Ethylbenzene	0.108	0.00100	"	0.100	0.00211	106	80-120	3.86	20	
Xylene (p/m)	0.210	0.00200	"	0.200	0.00436	103	80-120	2.18	20	
Xylene (o)	0.101	0.00100	"	0.100	0.00112	99.8	80-120	6.06	20	
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.0	80-120			

Batch P1F1608 - * DEFAULT PREP *****

Blank (P1F1608-BLK1)

Prepared: 06/16/21 Analyzed: 06/17/21

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		94.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	80-120			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

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

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

Batch P1F1608 - * DEFAULT PREP *****

LCS (P1F1608-BS1)

Prepared & Analyzed: 06/16/21

Benzene	0.107	0.00100	mg/L	0.100		107	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)	0.201	0.00200	"	0.200		101	80-120			
Xylene (o)	0.0950	0.00100	"	0.100		95.0	80-120			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		100	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.5	80-120			

LCS Dup (P1F1608-BSD1)

Prepared & Analyzed: 06/16/21

Benzene	0.110	0.00100	mg/L	0.100		110	80-120	2.86	20	
Toluene	0.106	0.00100	"	0.100		106	80-120	2.98	20	
Ethylbenzene	0.110	0.00100	"	0.100		110	80-120	3.84	20	
Xylene (p/m)	0.208	0.00200	"	0.200		104	80-120	3.18	20	
Xylene (o)	0.0987	0.00100	"	0.100		98.7	80-120	3.82	20	
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		100	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.3	80-120			

Calibration Blank (P1F1608-CCB1)

Prepared & Analyzed: 06/16/21

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		93.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	80-120			

Calibration Blank (P1F1608-CCB2)

Prepared: 06/16/21 Analyzed: 06/17/21

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		93.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.3	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: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

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

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

Batch P1F1608 - * DEFAULT PREP *****

Calibration Blank (P1F1608-CCB3)

Prepared: 06/16/21 Analyzed: 06/17/21

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		93.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		99.8	80-120			

Calibration Check (P1F1608-CCV1)

Prepared & Analyzed: 06/16/21

Benzene	0.106	0.00100	mg/L	0.100		106	80-120			
Toluene	0.103	0.00100	"	0.100		103	80-120			
Ethylbenzene	0.104	0.00100	"	0.100		104	80-120			
Xylene (p/m)	0.199	0.00200	"	0.200		99.4	80-120			
Xylene (o)	0.0966	0.00100	"	0.100		96.6	80-120			
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		99.8	80-120			

Calibration Check (P1F1608-CCV2)

Prepared: 06/16/21 Analyzed: 06/17/21

Benzene	0.103	0.00100	mg/L	0.100		103	80-120			
Toluene	0.0999	0.00100	"	0.100		99.9	80-120			
Ethylbenzene	0.0996	0.00100	"	0.100		99.6	80-120			
Xylene (p/m)	0.192	0.00200	"	0.200		96.2	80-120			
Xylene (o)	0.0922	0.00100	"	0.100		92.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.5	80-120			

Calibration Check (P1F1608-CCV3)

Prepared: 06/16/21 Analyzed: 06/17/21

Benzene	0.107	0.00100	mg/L	0.100		107	80-120			
Toluene	0.103	0.00100	"	0.100		103	80-120			
Ethylbenzene	0.103	0.00100	"	0.100		103	80-120			
Xylene (p/m)	0.196	0.00200	"	0.200		98.0	80-120			
Xylene (o)	0.0962	0.00100	"	0.100		96.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		99.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.5	80-120			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

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

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

Batch P1F1608 - * DEFAULT PREP *****

Matrix Spike (P1F1608-MS1)

Source: 1F16001-15

Prepared: 06/16/21 Analyzed: 06/17/21

Benzene	0.298	0.00100	mg/L	0.100	0.206	91.4	80-120			
Toluene	0.105	0.00100	"	0.100	0.00220	103	80-120			
Ethylbenzene	0.118	0.00100	"	0.100	0.0125	106	80-120			
Xylene (p/m)	0.220	0.00200	"	0.200	0.0216	99.1	80-120			
Xylene (o)	0.106	0.00100	"	0.100	0.00616	99.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.126		"	0.120		105	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.7	80-120			

Matrix Spike Dup (P1F1608-MSD1)

Source: 1F16001-15

Prepared: 06/16/21 Analyzed: 06/17/21

Benzene	0.288	0.00100	mg/L	0.100	0.206	81.4	80-120	11.5	20	
Toluene	0.106	0.00100	"	0.100	0.00220	104	80-120	0.917	20	
Ethylbenzene	0.120	0.00100	"	0.100	0.0125	108	80-120	1.69	20	
Xylene (p/m)	0.226	0.00200	"	0.200	0.0216	102	80-120	3.22	20	
Xylene (o)	0.112	0.00100	"	0.100	0.00616	106	80-120	6.47	20	
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.6	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: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

Notes and Definitions

ROI Received on Ice
DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference
LCS Laboratory Control Spike
MS Matrix Spike
Dup Duplicate

Report Approved By:



Date:

6/21/2021

Brent Barron, Laboratory Director/Technical Director

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

PBR LAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

2 of 2

Phone: 432-686-7235

LOR

Project Manager:

Curt Stanley

Project Name:

97-17

Company Name

TRC

Project #:

Company Address:

10 Dosta Drive

Project Loc:

City/State/Zip:

Midland TX 79705

PO #:

Telephone No:

432) 520-7720

Report Format:

☒ Standard☐ TRRP☐ NPDES

Sampler Signature:

[Signature]

e-mail:

(Lab use only)

ORDER #: 1F16001

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 802 B/5030 or BTEX 8260	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT	
	MW 15			6-11-21	1125			X		X													X	
	RW 10				1151																			
	RW 3				1235																			
	MW 19				1252																			
	RW 5				1333																			
	MW 14				1357																			
	RW 4				1422																			
	MW 4				1447																			

Special Instructions:

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Laboratory Comments:

Sample Containers Intact?

VOCs Free of Headspaces?

Labels on Containers?

Custody seals on Containers?

Sample Hand Delivered?

by Courier?

Temperature Upon Receipt?

Received

Sample Containers Intact?

VOCs Free of Headspaces?

Labels on Containers?

Custody seals on Containers?

Sample Hand Delivered?

by Courier?

Temperature Upon Receipt?

Received

Received

**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: 97-17
Project Number: TNM 97-17
Location:
Lab Order Number: 1124005



Current Certification

Report Date: 10/05/21

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

Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW20	1124005-01	Water	09/22/21 16:40	09-24-2021 09:05
RW1	1124005-02	Water	09/22/21 17:08	09-24-2021 09:05
MW5	1124005-03	Water	09/23/21 10:58	09-24-2021 09:05
MW6	1124005-04	Water	09/23/21 11:21	09-24-2021 09:05
MW15	1124005-05	Water	09/23/21 11:43	09-24-2021 09:05
RW6	1124005-06	Water	09/23/21 12:12	09-24-2021 09:05
RW3	1124005-07	Water	09/23/21 12:49	09-24-2021 09:05
RW5	1124005-08	Water	09/23/21 13:32	09-24-2021 09:05
MW19	1124005-09	Water	09/23/21 13:57	09-24-2021 09:05
MW14	1124005-10	Water	09/23/21 14:26	09-24-2021 09:05
RW4	1124005-11	Water	09/23/21 14:48	09-24-2021 09:05

Sample RW-4 (1124005-11) was received with only one vial. The cap on the vial was also cracked. A new cap was quickly put on the vial with as little headspace as possible and the sample was analyzed. Results might be biased slightly lower, however, in review of historical data, the results were comparable to the past data, therefore these results were reported without qualification.

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Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW20
1124005-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P112603	09/26/21 14:45	09/26/21 18:16	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P112603	09/26/21 14:45	09/26/21 18:16	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P112603	09/26/21 14:45	09/26/21 18:16	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P112603	09/26/21 14:45	09/26/21 18:16	EPA 8021B	
Xylene (o)	0.00345	0.00100	mg/L	1	P112603	09/26/21 14:45	09/26/21 18:16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	98.2 %		80-120		P112603	09/26/21 14:45	09/26/21 18:16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	99.0 %		80-120		P112603	09/26/21 14:45	09/26/21 18:16	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705	Project Manager: Curt Stanley

RW1
1124005-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC									
Benzene	0.00369	0.00100	mg/L	1	P112603	09/26/21 14:45	09/26/21 18:58	EPA 8021B	
Toluene	0.00430	0.00100	mg/L	1	P112603	09/26/21 14:45	09/26/21 18:58	EPA 8021B	
Ethylbenzene	0.00539	0.00100	mg/L	1	P112603	09/26/21 14:45	09/26/21 18:58	EPA 8021B	
Xylene (p/m)	0.0155	0.00200	mg/L	1	P112603	09/26/21 14:45	09/26/21 18:58	EPA 8021B	
Xylene (o)	0.0106	0.00100	mg/L	1	P112603	09/26/21 14:45	09/26/21 18:58	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	108 %	80-120			P112603	09/26/21 14:45	09/26/21 18:58	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	99.7 %	80-120			P112603	09/26/21 14:45	09/26/21 18:58	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW5
1124005-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0109	0.00100	mg/L	1	P112603	09/26/21 14:45	09/26/21 19:19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P112603	09/26/21 14:45	09/26/21 19:19	EPA 8021B
Ethylbenzene	0.00210	0.00100	mg/L	1	P112603	09/26/21 14:45	09/26/21 19:19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P112603	09/26/21 14:45	09/26/21 19:19	EPA 8021B
Xylene (o)	0.00159	0.00100	mg/L	1	P112603	09/26/21 14:45	09/26/21 19:19	EPA 8021B
Surrogate: 4-Bromofluorobenzene	96.6 %	80-120			P112603	09/26/21 14:45	09/26/21 19:19	EPA 8021B
Surrogate: 1,4-Difluorobenzene	96.5 %	80-120			P112603	09/26/21 14:45	09/26/21 19:19	EPA 8021B

Permian Basin Environmental Lab, L.P.

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Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW6
1124005-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0302	0.00100	mg/L	1	P112603	09/26/21 14:45	09/26/21 19:40	EPA 8021B	
Toluene	0.00312	0.00100	mg/L	1	P112603	09/26/21 14:45	09/26/21 19:40	EPA 8021B	
Ethylbenzene	0.00398	0.00100	mg/L	1	P112603	09/26/21 14:45	09/26/21 19:40	EPA 8021B	
Xylene (p/m)	0.0129	0.00200	mg/L	1	P112603	09/26/21 14:45	09/26/21 19:40	EPA 8021B	
Xylene (o)	0.0109	0.00100	mg/L	1	P112603	09/26/21 14:45	09/26/21 19:40	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>106 %</i>	<i>80-120</i>			<i>P112603</i>	<i>09/26/21 14:45</i>	<i>09/26/21 19:40</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>96.2 %</i>	<i>80-120</i>			<i>P112603</i>	<i>09/26/21 14:45</i>	<i>09/26/21 19:40</i>	<i>EPA 8021B</i>	

Permian Basin Environmental Lab, L.P.

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Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW15
1124005-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0247	0.00100	mg/L	1	P112603	09/26/21 14:45	09/26/21 20:01	EPA 8021B	
Toluene	0.0120	0.00100	mg/L	1	P112603	09/26/21 14:45	09/26/21 20:01	EPA 8021B	
Ethylbenzene	0.0136	0.00100	mg/L	1	P112603	09/26/21 14:45	09/26/21 20:01	EPA 8021B	
Xylene (p/m)	0.0529	0.00200	mg/L	1	P112603	09/26/21 14:45	09/26/21 20:01	EPA 8021B	
Xylene (o)	0.0199	0.00100	mg/L	1	P112603	09/26/21 14:45	09/26/21 20:01	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	67.3 %		80-120		P112603	09/26/21 14:45	09/26/21 20:01	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene	88.3 %		80-120		P112603	09/26/21 14:45	09/26/21 20:01	EPA 8021B	

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Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

RW6
1124005-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0814	0.00100	mg/L	1	P112604	09/26/21 14:54	09/27/21 02:40	EPA 8021B	
Toluene	0.0147	0.00100	mg/L	1	P112604	09/26/21 14:54	09/27/21 02:40	EPA 8021B	
Ethylbenzene	0.0190	0.00100	mg/L	1	P112604	09/26/21 14:54	09/27/21 02:40	EPA 8021B	
Xylene (p/m)	0.0429	0.00200	mg/L	1	P112604	09/26/21 14:54	09/27/21 02:40	EPA 8021B	
Xylene (o)	0.0218	0.00100	mg/L	1	P112604	09/26/21 14:54	09/27/21 02:40	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	81.4 %		80-120		P112604	09/26/21 14:54	09/27/21 02:40	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	96.5 %		80-120		P112604	09/26/21 14:54	09/27/21 02:40	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

RW3**1124005-07 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

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

Benzene	0.164	0.00100	mg/L	1	P112604	09/26/21 14:54	09/27/21 03:22	EPA 8021B	
Toluene	0.00297	0.00100	mg/L	1	P112604	09/26/21 14:54	09/27/21 03:22	EPA 8021B	
Ethylbenzene	0.00764	0.00100	mg/L	1	P112604	09/26/21 14:54	09/27/21 03:22	EPA 8021B	
Xylene (p/m)	0.00536	0.00200	mg/L	1	P112604	09/26/21 14:54	09/27/21 03:22	EPA 8021B	
Xylene (o)	0.00473	0.00100	mg/L	1	P112604	09/26/21 14:54	09/27/21 03:22	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>98.9 %</i>		<i>80-120</i>		<i>P112604</i>	<i>09/26/21 14:54</i>	<i>09/27/21 03:22</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>90.5 %</i>		<i>80-120</i>		<i>P112604</i>	<i>09/26/21 14:54</i>	<i>09/27/21 03:22</i>	<i>EPA 8021B</i>	

Permian Basin Environmental Lab, L.P.

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Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

RW5
1124005-08 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.167	0.00100	mg/L	1	P112604	09/26/21 14:54	09/27/21 03:43	EPA 8021B	
Toluene	0.0143	0.00100	mg/L	1	P112604	09/26/21 14:54	09/27/21 03:43	EPA 8021B	
Ethylbenzene	0.0484	0.00100	mg/L	1	P112604	09/26/21 14:54	09/27/21 03:43	EPA 8021B	
Xylene (p/m)	0.0877	0.00200	mg/L	1	P112604	09/26/21 14:54	09/27/21 03:43	EPA 8021B	
Xylene (o)	0.0196	0.00100	mg/L	1	P112604	09/26/21 14:54	09/27/21 03:43	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	65.8 %		80-120		P112604	09/26/21 14:54	09/27/21 03:43	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene	86.3 %		80-120		P112604	09/26/21 14:54	09/27/21 03:43	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW19
1124005-09 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.184	0.00100	mg/L	1	P112604	09/26/21 14:54	09/27/21 04:05	EPA 8021B	
Toluene	0.0237	0.00100	mg/L	1	P112604	09/26/21 14:54	09/27/21 04:05	EPA 8021B	
Ethylbenzene	0.0297	0.00100	mg/L	1	P112604	09/26/21 14:54	09/27/21 04:05	EPA 8021B	
Xylene (p/m)	0.0772	0.00200	mg/L	1	P112604	09/26/21 14:54	09/27/21 04:05	EPA 8021B	
Xylene (o)	0.0275	0.00100	mg/L	1	P112604	09/26/21 14:54	09/27/21 04:05	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>68.6 %</i>		<i>80-120</i>		<i>P112604</i>	<i>09/26/21 14:54</i>	<i>09/27/21 04:05</i>	<i>EPA 8021B</i>	<i>S-GC1</i>
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>79.8 %</i>		<i>80-120</i>		<i>P112604</i>	<i>09/26/21 14:54</i>	<i>09/27/21 04:05</i>	<i>EPA 8021B</i>	<i>S-GC1</i>

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Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW14
1124005-10 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.352	0.00500	mg/L	5	P112604	09/26/21 14:54	09/27/21 04:47	EPA 8021B
Toluene	0.0398	0.00500	mg/L	5	P112604	09/26/21 14:54	09/27/21 04:47	EPA 8021B
Ethylbenzene	0.259	0.00500	mg/L	5	P112604	09/26/21 14:54	09/27/21 04:47	EPA 8021B
Xylene (p/m)	0.262	0.0100	mg/L	5	P112604	09/26/21 14:54	09/27/21 04:47	EPA 8021B
Xylene (o)	0.0504	0.00500	mg/L	5	P112604	09/26/21 14:54	09/27/21 04:47	EPA 8021B
Surrogate: 4-Bromofluorobenzene	97.5 %		80-120		P112604	09/26/21 14:54	09/27/21 04:47	EPA 8021B
Surrogate: 1,4-Difluorobenzene	90.4 %		80-120		P112604	09/26/21 14:54	09/27/21 04:47	EPA 8021B

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Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

RW4
1124005-11 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.376	0.00500	mg/L	5	P112604	09/26/21 14:54	09/27/21 04:26	EPA 8021B	
Toluene	ND	0.00500	mg/L	5	P112604	09/26/21 14:54	09/27/21 04:26	EPA 8021B	
Ethylbenzene	0.288	0.00500	mg/L	5	P112604	09/26/21 14:54	09/27/21 04:26	EPA 8021B	
Xylene (p/m)	0.190	0.0100	mg/L	5	P112604	09/26/21 14:54	09/27/21 04:26	EPA 8021B	
Xylene (o)	0.0438	0.00500	mg/L	5	P112604	09/26/21 14:54	09/27/21 04:26	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	104 %		80-120		P112604	09/26/21 14:54	09/27/21 04:26	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	95.9 %		80-120		P112604	09/26/21 14:54	09/27/21 04:26	EPA 8021B	

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Midland TX, 79705

Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

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

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

Batch P112603 - * DEFAULT PREP *****

Blank (P112603-BLK1)

Prepared & Analyzed: 09/26/21

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		100	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			

LCS (P112603-BS1)

Prepared & Analyzed: 09/26/21

Benzene	0.102	0.00100	mg/L				80-120			
Toluene	0.111	0.00100	"				80-120			
Ethylbenzene	0.109	0.00100	"				80-120			
Xylene (p/m)	0.203	0.00200	"				80-120			
Xylene (o)	0.102	0.00100	"				80-120			
Surrogate: 4-Bromofluorobenzene	0.110		"	0.120		92.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.112		"	0.120		93.5	80-120			

LCS Dup (P112603-BS1)

Prepared & Analyzed: 09/26/21

Benzene	0.101	0.00100	mg/L				80-120		20	
Toluene	0.111	0.00100	"				80-120		20	
Ethylbenzene	0.108	0.00100	"				80-120		20	
Xylene (p/m)	0.204	0.00200	"				80-120		20	
Xylene (o)	0.102	0.00100	"				80-120		20	
Surrogate: 4-Bromofluorobenzene	0.110		"	0.120		92.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		94.5	80-120			

Calibration Blank (P112603-CCB1)

Prepared & Analyzed: 09/26/21

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		100	80-120			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		101	80-120			

Permian Basin Environmental Lab, L.P.

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Midland TX, 79705

Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

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

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

Batch P112603 - * DEFAULT PREP *****

Calibration Blank (P112603-CCB2)

Prepared & Analyzed: 09/26/21

Benzene	0.00		mg/L							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		96.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.6	80-120			

Calibration Check (P112603-CCV1)

Prepared & Analyzed: 09/26/21

Benzene	0.105	0.00100	mg/L	0.100		105	80-120			
Toluene	0.109	0.00100	"	0.100		109	80-120			
Ethylbenzene	0.113	0.00100	"	0.100		113	80-120			
Xylene (p/m)	0.207	0.00200	"	0.200		104	80-120			
Xylene (o)	0.100	0.00100	"	0.100		100	80-120			
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		93.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.112		"	0.120		93.7	80-120			

Calibration Check (P112603-CCV2)

Prepared & Analyzed: 09/26/21

Benzene	0.107	0.00100	mg/L	0.100		107	80-120			
Toluene	0.110	0.00100	"	0.100		110	80-120			
Ethylbenzene	0.110	0.00100	"	0.100		110	80-120			
Xylene (p/m)	0.208	0.00200	"	0.200		104	80-120			
Xylene (o)	0.102	0.00100	"	0.100		102	80-120			
Surrogate: 4-Bromofluorobenzene	0.111		"	0.120		92.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		94.5	80-120			

Calibration Check (P112603-CCV3)

Prepared: 09/26/21 Analyzed: 09/27/21

Benzene	0.105	0.00100	mg/L	0.100		105	80-120			
Toluene	0.110	0.00100	"	0.100		110	80-120			
Ethylbenzene	0.110	0.00100	"	0.100		110	80-120			
Xylene (p/m)	0.208	0.00200	"	0.200		104	80-120			
Xylene (o)	0.103	0.00100	"	0.100		103	80-120			
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		94.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		94.4	80-120			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

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

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

Batch P112603 - * DEFAULT PREP *****

Matrix Spike (P112603-MS1)		Source: 1124005-01		Prepared & Analyzed: 09/26/21						
Benzene	0.115	0.00100	mg/L		ND		80-120			
Toluene	0.118	0.00100	"		ND		80-120			
Ethylbenzene	0.115	0.00100	"		ND		80-120			
Xylene (p/m)	0.220	0.00200	"		ND		80-120			
Xylene (o)	0.106	0.00100	"		0.00345		80-120			
Surrogate: 4-Bromofluorobenzene	0.110		"	0.120		91.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.109		"	0.120		90.5	80-120			

Matrix Spike Dup (P112603-MSD1)		Source: 1124005-01		Prepared & Analyzed: 09/26/21						
Benzene	0.121	0.00100	mg/L		ND		80-120		20	
Toluene	0.126	0.00100	"		ND		80-120		20	
Ethylbenzene	0.122	0.00100	"		ND		80-120		20	
Xylene (p/m)	0.219	0.00200	"		ND		80-120		20	
Xylene (o)	0.113	0.00100	"		0.00345		80-120		20	
Surrogate: 4-Bromofluorobenzene	0.0967		"	0.120		80.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.108		"	0.120		89.8	80-120			

Batch P112604 - * DEFAULT PREP *****

Calibration Blank (P112604-CCB1)		Prepared: 09/26/21 Analyzed: 09/27/21								
Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		98.8	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: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

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

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

Batch P112604 - * DEFAULT PREP *****

Calibration Blank (P112604-CCB2)

Prepared: 09/26/21 Analyzed: 09/27/21

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		94.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.4	80-120			

Calibration Check (P112604-CCV1)

Prepared: 09/26/21 Analyzed: 09/27/21

Benzene	0.105	0.00100	mg/L	0.100		105	80-120			
Toluene	0.110	0.00100	"	0.100		110	80-120			
Ethylbenzene	0.110	0.00100	"	0.100		110	80-120			
Xylene (p/m)	0.208	0.00200	"	0.200		104	80-120			
Xylene (o)	0.103	0.00100	"	0.100		103	80-120			
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		94.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		94.4	80-120			

Calibration Check (P112604-CCV2)

Prepared: 09/26/21 Analyzed: 09/27/21

Benzene	0.104	0.00100	mg/L	0.100		104	80-120			
Toluene	0.107	0.00100	"	0.100		107	80-120			
Ethylbenzene	0.104	0.00100	"	0.100		104	80-120			
Xylene (p/m)	0.201	0.00200	"	0.200		100	80-120			
Xylene (o)	0.0999	0.00100	"	0.100		99.9	80-120			
Surrogate: 4-Bromofluorobenzene	0.111		"	0.120		92.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.111		"	0.120		92.7	80-120			

Calibration Check (P112604-CCV3)

Prepared: 09/26/21 Analyzed: 09/27/21

Benzene	0.104	0.00100	mg/L	0.100		104	80-120			
Toluene	0.109	0.00100	"	0.100		109	80-120			
Ethylbenzene	0.108	0.00100	"	0.100		108	80-120			
Xylene (p/m)	0.208	0.00200	"	0.200		104	80-120			
Xylene (o)	0.103	0.00100	"	0.100		103	80-120			
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		94.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		94.3	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: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

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

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

Batch P112604 - * DEFAULT PREP *****

Matrix Spike (P112604-MS1)	Source: 1124006-01			Prepared: 09/26/21	Analyzed: 09/27/21	
Benzene	0.123	0.00100	mg/L	ND	80-120	
Toluene	0.129	0.00100	"	ND	80-120	
Ethylbenzene	0.124	0.00100	"	ND	80-120	
Xylene (p/m)	0.237	0.00200	"	ND	80-120	
Xylene (o)	0.118	0.00100	"	ND	80-120	
Surrogate: 4-Bromofluorobenzene	0.111		"	0.120	92.4	80-120
Surrogate: 1,4-Difluorobenzene	0.112		"	0.120	93.5	80-120
Matrix Spike Dup (P112604-MSD1)	Source: 1124006-01			Prepared: 09/26/21	Analyzed: 09/27/21	
Benzene	0.128	0.00100	mg/L	ND	80-120	20
Toluene	0.132	0.00100	"	ND	80-120	20
Ethylbenzene	0.126	0.00100	"	ND	80-120	20
Xylene (p/m)	0.244	0.00200	"	ND	80-120	20
Xylene (o)	0.114	0.00100	"	ND	80-120	20
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120	93.9	80-120
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120	93.8	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: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

Notes and Definitions

S-GC1 Surrogate recovery outside of control limits. A second analysis confirmed the original results..

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

ROI Received on Ice

pH1 The Regulatory Holding time for pH is < 1 Hour, Analysis should be done in the field.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

10/5/2021

Brent Barron, Laboratory Director/Technical Director

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

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

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

PBBI LAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235

Project Manager:

Company Name:

Company Address:

City/State/Zip:

Telephone No.:

Sampler Signature:

e-mail:

Project Name:

Project #:

Project Loc:

PO #:

Report Format:

☒ Standard☐ TRRP☐ NPDES

(Lab use only)

ORDER # 1124005

Preservation & # of Containers

Matrix

Analyze For:

TCLP:

TOTAL:

LAB # (lab use only)

FIELD CODE

Beginning Depth

Ending Depth

Date Sampled

Time Sampled

Field Filtered

Total #. of Containers

Ice

HNO₃

HCl

H₂SO₄

NaOH

Na₂S₂O₃

None

Other (Specify)

DW=Drinking Water SL=Sludge

GW = Groundwater S=Soil/Solid

NP=Non-Potable Specify Other

TPH: TX 1005 TX 1006

Anions (Cl, SO₄, Alkalinity)

BTEX 80219/5030 or BTEX 8260

RUSH TAT (Pre-Schedule) 24, 48, 72 hrs

Standard TAT

Special Instructions:

RW 4

RW 5

RW 6

RW 7

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RW 9

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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: 97-17
Project Number: TNM 97-17
Location: Lea County, New Mexico
Lab Order Number: 1L08003



Current Certification

Report Date: 12/30/21

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

Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-11	1L08003-01	Water	12/07/21 10:53	12-08-2021 08:56
MW-25	1L08003-02	Water	12/07/21 12:08	12-08-2021 08:56
MW-5	1L08003-03	Water	12/07/21 11:29	12-08-2021 08:56
RW-3	1L08003-04	Water	12/07/21 12:49	12-08-2021 08:56
MW-19	1L08003-05	Water	12/07/21 13:50	12-08-2021 08:56
MW-7	1L08003-06	Water	12/07/21 14:50	12-08-2021 08:56

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

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

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

Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW-11
1L08003-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 19:08	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 19:08	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 19:08	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 19:08	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 19:08	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	99.5 %		80-120		P1L0805	12/08/21 09:36	12/08/21 19:08	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.6 %		80-120		P1L0805	12/08/21 09:36	12/08/21 19:08	EPA 8021B	
Methane	0.00167	0.000500	mg/L	1	P1L2303	12/15/21 09:59	12/15/21 09:59	8015M	SUB-13
Ethane	ND	0.00100	mg/L	1	P1L2303	12/15/21 09:59	12/15/21 09:59	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P1L2303	12/15/21 09:59	12/15/21 09:59	8015M	SUB-13
Propane	ND	0.00100	mg/L	1	P1L2303	12/15/21 09:59	12/15/21 09:59	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	400	1.10	mg/L	1	P1L0812	12/22/21 16:27	12/22/21 16:27	8000	QAL1
Nitrate as N	ND	0.200	mg/L	1	P1L0808	12/08/21 11:48	12/09/21 16:24	EPA 300.0	
Sulfate	1960	50.0	mg/L	50	P1L1001	12/10/21 09:03	12/10/21 11:12	EPA 300.0	
Total Organic Carbon	8.60	1.00	mg/L	1	P1L2303	12/12/21 06:37	12/21/21 06:37	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.0200	mg/L	1	P1L0902	12/09/21 10:17	12/10/21 12:20	EPA 6010B	QAL1
Manganese	0.0200	0.0200	mg/L	1	P1L0902	12/09/21 10:17	12/10/21 12:20	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: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW-25
1L08003-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 19:30	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 19:30	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 19:30	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 19:30	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 19:30	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	97.5 %		80-120		P1L0805	12/08/21 09:36	12/08/21 19:30	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.4 %		80-120		P1L0805	12/08/21 09:36	12/08/21 19:30	EPA 8021B	
Methane	0.0368	0.000500	mg/L	1	P1L2303	12/15/21 10:10	12/15/21 10:10	8015M	SUB-13
Ethane	ND	0.00100	mg/L	1	P1L2303	12/15/21 10:10	12/15/21 10:10	8015M	SUB-13
Ethene	0.00197	0.00100	mg/L	1	P1L2303	12/15/21 10:10	12/15/21 10:10	8015M	SUB-13
Propane	ND	0.00100	mg/L	1	P1L2303	12/15/21 10:10	12/15/21 10:10	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	53.0	1.10	mg/L	1	P1L0812	12/22/21 16:27	12/22/21 16:27	8000	QAL1
Nitrate as N	0.215	0.200	mg/L	1	P1L0808	12/08/21 11:48	12/09/21 16:44	EPA 300.0	
Sulfate	1790	50.0	mg/L	50	P1L1001	12/10/21 09:03	12/10/21 12:09	EPA 300.0	
Total Organic Carbon	21.8	1.00	mg/L	1	P1L2303	12/12/21 06:53	12/12/21 06:53	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.0200	mg/L	1	P1L0902	12/09/21 10:17	12/10/21 12:24	EPA 6010B	QAL1
Manganese	0.0433	0.0200	mg/L	1	P1L0902	12/09/21 10:17	12/10/21 12:24	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: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW-5
1L08003-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.00337	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 19:51	EPA 8021B	
Toluene	0.00105	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 19:51	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 19:51	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 19:51	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0805	12/08/21 09:36	12/08/21 19:51	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	97.6 %		80-120		P1L0805	12/08/21 09:36	12/08/21 19:51	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	96.0 %		80-120		P1L0805	12/08/21 09:36	12/08/21 19:51	EPA 8021B	
Methane	0.369	0.0125	mg/L	1	P1L2303	12/15/21 10:19	12/15/21 11:04	8015M	SUB-13
Ethane	0.00253	0.00100	mg/L	1	P1L2303	12/15/21 10:19	12/15/21 10:19	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P1L2303	12/15/21 10:19	12/15/21 10:19	8015M	SUB-13
Propane	ND	0.00100	mg/L	1	P1L2303	12/15/21 10:19	12/15/21 10:19	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	59.0	1.10	mg/L	1	P1L0812	12/22/21 16:27	12/22/21 16:27	8000	QAL1
Nitrate as N	ND	0.200	mg/L	1	P1L0808	12/08/21 11:48	12/09/21 17:03	EPA 300.0	
Sulfate	2320	100	mg/L	100	P1L1001	12/10/21 09:03	12/10/21 12:28	EPA 300.0	
Total Organic Carbon	20.1	1.00	mg/L	1	P1L2303	12/14/21 20:07	12/14/21 20:07	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.0200	mg/L	1	P1L0902	12/09/21 10:17	12/10/21 12:28	EPA 6010B	QAL1
Manganese	0.00716	0.0200	mg/L	1	P1L0902	12/09/21 10:17	12/10/21 12:28	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: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

RW-3
1L08003-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.00612	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/08/21 22:41	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/08/21 22:41	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/08/21 22:41	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0814	12/08/21 14:13	12/08/21 22:41	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/08/21 22:41	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	97.2 %	80-120			P1L0814	12/08/21 14:13	12/08/21 22:41	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	97.3 %	80-120			P1L0814	12/08/21 14:13	12/08/21 22:41	EPA 8021B	
Methane	0.442	0.0125	mg/L	1	P1L2303	12/15/21 10:26	12/15/21 11:13	8015M	SUB-13
Ethane	0.00151	0.00100	mg/L	1	P1L2303	12/15/21 10:26	12/15/21 10:26	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P1L2303	12/15/21 10:26	12/15/21 10:26	8015M	SUB-13
Propane	ND	0.00100	mg/L	1	P1L2303	12/15/21 10:26	12/15/21 10:26	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	69.0	1.10	mg/L	1	P1L0812	12/22/21 16:27	12/22/21 16:27	8000	QAL1
Nitrate as N	ND	0.200	mg/L	1	P1L0808	12/08/21 11:48	12/09/21 17:22	EPA 300.0	
Sulfate	2210	100	mg/L	100	P1L1001	12/10/21 09:03	12/10/21 12:47	EPA 300.0	
Total Organic Carbon	29.3	1.00	mg/L	1	P1L2303	12/14/21 20:23	12/14/21 20:23	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	0.381	0.0200	mg/L	1	P1L0902	12/09/21 10:17	12/10/21 12:32	EPA 6010B	QAL1
Manganese	0.0228	0.0200	mg/L	1	P1L0902	12/09/21 10:17	12/10/21 12:32	EPA 6010B	QAL1

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.0014	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 18:37	8270C	SUB-13
2-Methylnaphthalene	ND	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 18:37	8270C	SUB-13
Acenaphthene	0.00085	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 18:37	8270C	SUB-13
Acenaphthylene	ND	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 18:37	8270C	SUB-13
Anthracene	ND	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 18:37	8270C	SUB-13
Benzo (a) anthracene	ND	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 18:37	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 18:37	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 18:37	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 18:37	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 18:37	8270C	SUB-13
Chrysene	ND	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 18:37	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 18:37	8270C	SUB-13
Dibenzofuran	0.00095	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 18:37	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 18:37	8270C	SUB-13
Fluorene	ND	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 18:37	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 18:37	8270C	SUB-13
Naphthalene	0.00040	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 18:37	8270C	SUB-13
Phenanthrene	ND	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 18:37	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 18:37	8270C	SUB-13

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

RW-3
1L08003-04 (Water)

Analyte	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit							

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

Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW-19
1L08003-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.178	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/08/21 23:03	EPA 8021B	
Toluene	0.00177	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/08/21 23:03	EPA 8021B	
Ethylbenzene	0.00451	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/08/21 23:03	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0814	12/08/21 14:13	12/08/21 23:03	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/08/21 23:03	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	97.5 %	80-120			P1L0814	12/08/21 14:13	12/08/21 23:03	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	94.8 %	80-120			P1L0814	12/08/21 14:13	12/08/21 23:03	EPA 8021B	
Methane	2.80	0.0500	mg/L	1	P1L2303	12/15/21 10:35	12/15/21 10:35	8015M	SUB-13
Ethane	0.00664	0.00100	mg/L	1	P1L2303	12/15/21 10:35	12/15/21 11:22	8015M	SUB-13
Ethene	0.106	0.100	mg/L	1	P1L2303	12/15/21 10:35	12/15/21 11:22	8015M	SUB-13
Propane	ND	1.00	mg/L	1	P1L2303	12/15/21 10:35	12/15/21 11:22	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	1000	11.0	mg/L	10	P1L0812	12/22/21 16:27	12/22/21 16:27	8000	QAL1
Nitrate as N	ND	0.200	mg/L	1	P1L0808	12/08/21 11:48	12/09/21 17:41	EPA 300.0	
Sulfate	899	25.0	mg/L	25	P1L1001	12/10/21 09:03	12/10/21 13:06	EPA 300.0	
Total Organic Carbon	168	10.0	mg/L	1	P1L2303	12/15/21 12:33	12/15/21 12:33	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.0200	mg/L	1	P1L0902	12/09/21 10:17	12/10/21 12:36	EPA 6010B	QAL1
Manganese	0.0145	0.0200	mg/L	1	P1L0902	12/09/21 10:17	12/10/21 12:36	EPA 6010B	J, QAL1

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.011	0.0010	mg/L	1	P1L2306	12/10/21 09:44	12/21/21 15:41	8270C	SUB-13
2-Methylnaphthalene	0.0029	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 18:57	8270C	SUB-13
Acenaphthene	0.0023	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 18:57	8270C	SUB-13
Acenaphthylene	0.00071	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 18:57	8270C	SUB-13
Anthracene	ND	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 18:57	8270C	SUB-13
Benzo (a) anthracene	ND	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 18:57	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 18:57	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 18:57	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 18:57	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 18:57	8270C	SUB-13
Chrysene	ND	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 18:57	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 18:57	8270C	SUB-13
Dibenzofuran	0.0022	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 18:57	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 18:57	8270C	SUB-13
Fluorene	0.0025	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 18:57	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 18:57	8270C	SUB-13
Naphthalene	0.0052	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 18:57	8270C	SUB-13
Phenanthrene	0.00076	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 18:57	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 18:57	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: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW-7
1L08003-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.297	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/08/21 23:24	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/08/21 23:24	EPA 8021B	
Ethylbenzene	0.0132	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/08/21 23:24	EPA 8021B	
Xylene (p/m)	0.00725	0.00200	mg/L	1	P1L0814	12/08/21 14:13	12/08/21 23:24	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/08/21 23:24	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	97.3 %	80-120			P1L0814	12/08/21 14:13	12/08/21 23:24	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.8 %	80-120			P1L0814	12/08/21 14:13	12/08/21 23:24	EPA 8021B	
Methane	0.438	0.0125	mg/L	1	P1L2303	12/15/21 10:46	12/15/21 11:30	8015M	SUB-13
Ethane	0.00144	0.00100	mg/L	1	P1L2303	12/15/21 10:46	12/15/21 10:46	8015M	SUB-13
Ethene	0.00411	0.00100	mg/L	1	P1L2303	12/15/21 10:46	12/15/21 10:46	8015M	SUB-13
Propane	ND	0.00100	mg/L	1	P1L2303	12/15/21 10:46	12/15/21 10:46	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	103	1.10	mg/L	1	P1L0812	12/22/21 16:27	12/22/21 16:27	8000	QAL1
Nitrate as N	ND	0.200	mg/L	1	P1L0808	12/08/21 11:48	12/09/21 18:00	EPA 300.0	
Sulfate	2300	100	mg/L	100	P1L1001	12/10/21 09:03	12/10/21 13:25	EPA 300.0	
Total Organic Carbon	26.4	1.00	mg/L	1	P1L2303	12/14/21 20:57	12/14/21 20:57	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	0.0230	0.0200	mg/L	1	P1L0902	12/09/21 10:17	12/10/21 12:40	EPA 6010B	QAL1
Manganese	0.0115	0.0200	mg/L	1	P1L0902	12/09/21 10:17	12/10/21 12:40	EPA 6010B	J, QAL1

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.012	0.0010	mg/L	1	P1L2306	12/10/21 09:44	12/21/21 16:01	8270C	SUB-13
2-Methylnaphthalene	0.0044	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 19:17	8270C	SUB-13
Acenaphthene	0.0015	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 19:17	8270C	SUB-13
Acenaphthylene	0.00070	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 19:17	8270C	SUB-13
Anthracene	ND	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 19:17	8270C	SUB-13
Benzo (a) anthracene	ND	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 19:17	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 19:17	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 19:17	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 19:17	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 19:17	8270C	SUB-13
Chrysene	0.00031	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 19:17	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 19:17	8270C	SUB-13
Dibenzofuran	0.0011	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 19:17	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 19:17	8270C	SUB-13
Fluorene	0.0020	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 19:17	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 19:17	8270C	SUB-13
Naphthalene	0.0032	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 19:17	8270C	SUB-13
Phenanthrene	0.0011	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 19:17	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P1L2306	12/10/21 09:44	12/20/21 19:17	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: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

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

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

Batch P1L0805 - * DEFAULT PREP *****

Blank (P1L0805-BLK1)

Prepared & Analyzed: 12/08/21

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.6	80-120			

LCS (P1L0805-BS1)

Prepared & Analyzed: 12/08/21

Benzene	0.103	0.00100	mg/L	0.100		103	80-120			
Toluene	0.101	0.00100	"	0.100		101	80-120			
Ethylbenzene	0.112	0.00100	"	0.100		112	80-120			
Xylene (p/m)	0.218	0.00200	"	0.200		109	80-120			
Xylene (o)	0.0963	0.00100	"	0.100		96.3	80-120			
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		99.7	80-120			

LCS Dup (P1L0805-BSD1)

Prepared & Analyzed: 12/08/21

Benzene	0.107	0.00100	mg/L	0.100		107	80-120	3.70	20	
Toluene	0.106	0.00100	"	0.100		106	80-120	4.57	20	
Ethylbenzene	0.117	0.00100	"	0.100		117	80-120	3.95	20	
Xylene (p/m)	0.227	0.00200	"	0.200		113	80-120	3.97	20	
Xylene (o)	0.0995	0.00100	"	0.100		99.5	80-120	3.29	20	
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.1	80-120			

Calibration Blank (P1L0805-CCB1)

Prepared & Analyzed: 12/08/21

Benzene	0.0900		mg/L							
Toluene	0.160		"							
Ethylbenzene	0.170		"							
Xylene (p/m)	0.440		"							
Xylene (o)	0.300		"							
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		99.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	80-120			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

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

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

Batch P1L0805 - * DEFAULT PREP *****

Calibration Blank (P1L0805-CCB2)

Prepared & Analyzed: 12/08/21

Benzene	0.160		mg/L							
Toluene	0.170		"							
Ethylbenzene	0.220		"							
Xylene (p/m)	0.500		"							
Xylene (o)	0.380		"							
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		96.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.8	80-120			

Calibration Blank (P1L0805-CCB3)

Prepared & Analyzed: 12/08/21

Benzene	0.120		mg/L							
Toluene	0.200		"							
Ethylbenzene	0.290		"							
Xylene (p/m)	0.560		"							
Xylene (o)	0.300		"							
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		96.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.2	80-120			

Calibration Check (P1L0805-CCV1)

Prepared & Analyzed: 12/08/21

Benzene	0.0991	0.00100	mg/L	0.100		99.1	80-120			
Toluene	0.0975	0.00100	"	0.100		97.5	80-120			
Ethylbenzene	0.0990	0.00100	"	0.100		99.0	80-120			
Xylene (p/m)	0.207	0.00200	"	0.200		104	80-120			
Xylene (o)	0.0918	0.00100	"	0.100		91.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		100	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.3	80-120			

Calibration Check (P1L0805-CCV2)

Prepared & Analyzed: 12/08/21

Benzene	0.101	0.00100	mg/L	0.100		101	80-120			
Toluene	0.0970	0.00100	"	0.100		97.0	80-120			
Ethylbenzene	0.0985	0.00100	"	0.100		98.5	80-120			
Xylene (p/m)	0.207	0.00200	"	0.200		103	80-120			
Xylene (o)	0.0924	0.00100	"	0.100		92.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.0	80-120			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

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

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

Batch P1L0805 - * DEFAULT PREP *****

Calibration Check (P1L0805-CCV3)

Prepared & Analyzed: 12/08/21

Benzene	0.0986	0.00100	mg/L	0.100		98.6	80-120			
Toluene	0.0943	0.00100	"	0.100		94.3	80-120			
Ethylbenzene	0.0959	0.00100	"	0.100		95.9	80-120			
Xylene (p/m)	0.201	0.00200	"	0.200		101	80-120			
Xylene (o)	0.0901	0.00100	"	0.100		90.1	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.5	80-120			

Matrix Spike (P1L0805-MS1)

Source: 1L03001-04

Prepared & Analyzed: 12/08/21

Benzene	0.112	0.00100	mg/L	0.100	ND	112	80-120			
Toluene	0.108	0.00100	"	0.100	ND	108	80-120			
Ethylbenzene	0.119	0.00100	"	0.100	ND	119	80-120			
Xylene (p/m)	0.231	0.00200	"	0.200	ND	116	80-120			
Xylene (o)	0.101	0.00100	"	0.100	ND	101	80-120			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		99.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		98.8	80-120			

Matrix Spike Dup (P1L0805-MSD1)

Source: 1L03001-04

Prepared & Analyzed: 12/08/21

Benzene	0.100	0.00100	mg/L	0.100	ND	100	80-120	11.1	20	
Toluene	0.0958	0.00100	"	0.100	ND	95.8	80-120	11.6	20	
Ethylbenzene	0.106	0.00100	"	0.100	ND	106	80-120	11.9	20	
Xylene (p/m)	0.206	0.00200	"	0.200	ND	103	80-120	11.4	20	
Xylene (o)	0.0912	0.00100	"	0.100	ND	91.2	80-120	10.7	20	
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		100	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.0	80-120			

Batch P1L0814 - * DEFAULT PREP *****

Blank (P1L0814-BLK1)

Prepared & Analyzed: 12/08/21

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		96.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.0	80-120			

Permian Basin Environmental Lab, L.P.

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

Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

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

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

Batch P1L0814 - * DEFAULT PREP *****

LCS (P1L0814-BS1)

Prepared & Analyzed: 12/08/21

Benzene	0.104	0.00100	mg/L	0.100		104	80-120			
Toluene	0.101	0.00100	"	0.100		101	80-120			
Ethylbenzene	0.112	0.00100	"	0.100		112	80-120			
Xylene (p/m)	0.217	0.00200	"	0.200		109	80-120			
Xylene (o)	0.0964	0.00100	"	0.100		96.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		99.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.0	80-120			

LCS Dup (P1L0814-BSD1)

Prepared & Analyzed: 12/08/21

Benzene	0.107	0.00100	mg/L	0.100		107	80-120	2.76	20	
Toluene	0.104	0.00100	"	0.100		104	80-120	2.84	20	
Ethylbenzene	0.115	0.00100	"	0.100		115	80-120	3.02	20	
Xylene (p/m)	0.224	0.00200	"	0.200		112	80-120	2.91	20	
Xylene (o)	0.0985	0.00100	"	0.100		98.5	80-120	2.20	20	
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		98.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.4	80-120			

Calibration Blank (P1L0814-CCB1)

Prepared & Analyzed: 12/08/21

Benzene	0.120		mg/L							
Toluene	0.200		"							
Ethylbenzene	0.290		"							
Xylene (p/m)	0.560		"							
Xylene (o)	0.300		"							
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		96.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.2	80-120			

Calibration Blank (P1L0814-CCB2)

Prepared: 12/08/21 Analyzed: 12/09/21

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.430		"							
Xylene (o)	0.240		"							
Surrogate: 4-Bromofluorobenzene	0.114		"	0.120		94.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.0	80-120			

Permian Basin Environmental Lab, L.P.

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

Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

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

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

Batch P1L0814 - * DEFAULT PREP *****

Calibration Blank (P1L0814-CCB3)

Prepared: 12/08/21 Analyzed: 12/09/21

Benzene	0.130		mg/L							
Toluene	0.150		"							
Ethylbenzene	0.390		"							
Xylene (p/m)	0.830		"							
Xylene (o)	0.380		"							
Surrogate: 4-Bromofluorobenzene	0.114		"	0.120		95.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.1	80-120			

Calibration Check (P1L0814-CCV1)

Prepared & Analyzed: 12/08/21

Benzene	0.0986	0.00100	mg/L	0.100		98.6	80-120			
Toluene	0.0943	0.00100	"	0.100		94.3	80-120			
Ethylbenzene	0.0959	0.00100	"	0.100		95.9	80-120			
Xylene (p/m)	0.201	0.00200	"	0.200		101	80-120			
Xylene (o)	0.0901	0.00100	"	0.100		90.1	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.5	80-120			

Calibration Check (P1L0814-CCV2)

Prepared: 12/08/21 Analyzed: 12/09/21

Benzene	0.103	0.00100	mg/L	0.100		103	80-120			
Toluene	0.0995	0.00100	"	0.100		99.5	80-120			
Ethylbenzene	0.101	0.00100	"	0.100		101	80-120			
Xylene (p/m)	0.211	0.00200	"	0.200		105	80-120			
Xylene (o)	0.0946	0.00100	"	0.100		94.6	80-120			
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.4	80-120			

Calibration Check (P1L0814-CCV3)

Prepared: 12/08/21 Analyzed: 12/09/21

Benzene	0.102	0.00100	mg/L	0.100		102	80-120			
Toluene	0.0976	0.00100	"	0.100		97.6	80-120			
Ethylbenzene	0.0985	0.00100	"	0.100		98.5	80-120			
Xylene (p/m)	0.206	0.00200	"	0.200		103	80-120			
Xylene (o)	0.0939	0.00100	"	0.100		93.9	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.1	80-120			

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

Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

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

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

Batch P1L0814 - * DEFAULT PREP *****

Matrix Spike (P1L0814-MS1)	Source: 1L08003-04			Prepared: 12/08/21		Analyzed: 12/09/21				
Benzene	0.111	0.00100	mg/L	0.100	0.00612	105	80-120			
Toluene	0.103	0.00100	"	0.100	0.000860	102	80-120			
Ethylbenzene	0.111	0.00100	"	0.100	ND	111	80-120			
Xylene (p/m)	0.215	0.00200	"	0.200	ND	108	80-120			
Xylene (o)	0.0952	0.00100	"	0.100	ND	95.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.7	80-120			

Matrix Spike Dup (P1L0814-MSD1)	Source: 1L08003-04			Prepared: 12/08/21		Analyzed: 12/09/21				
Benzene	0.103	0.00100	mg/L	0.100	0.00612	97.3	80-120	7.90	20	
Toluene	0.0963	0.00100	"	0.100	0.000860	95.4	80-120	6.79	20	
Ethylbenzene	0.104	0.00100	"	0.100	ND	104	80-120	7.00	20	
Xylene (p/m)	0.201	0.00200	"	0.200	ND	101	80-120	6.84	20	
Xylene (o)	0.0886	0.00100	"	0.100	ND	88.6	80-120	7.15	20	
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		96.0	80-120			

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

Project: 97-17
Project Number: TNM 97-17
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 P1L0808 - *** DEFAULT PREP ***										
Blank (P1L0808-BLK1)	Prepared & Analyzed: 12/08/21									
Nitrate as N	ND	0.200	mg/L							
LCS (P1L0808-BS1)	Prepared & Analyzed: 12/08/21									
Nitrate as N	3.72	0.200	mg/L	4.00		93.0	90-110			
LCS Dup (P1L0808-BSD1)	Prepared & Analyzed: 12/08/21									
Nitrate as N	3.73	0.200	mg/L	4.00		93.2	90-110	0.215	10	
Calibration Blank (P1L0808-CCB1)	Prepared & Analyzed: 12/08/21									
Nitrate as N	0.00		mg/L							
Calibration Check (P1L0808-CCV1)	Prepared: 12/08/21 Analyzed: 12/10/21									
Nitrate as N	1.81		mg/L	2.00		90.7	90-110			
Calibration Check (P1L0808-CCV2)	Prepared: 12/08/21 Analyzed: 12/10/21									
Nitrate as N	1.83		mg/L	2.00		91.4	90-110			
Matrix Spike (P1L0808-MS1)	Source: 1L08003-01		Prepared & Analyzed: 12/08/21							
Nitrate as N	0.320	0.200	mg/L	0.400	0.0260	73.5	80-120			QM-05
Matrix Spike Dup (P1L0808-MSD1)	Source: 1L08003-01		Prepared & Analyzed: 12/08/21							
Nitrate as N	0.317	0.200	mg/L	0.400	0.0260	72.8	80-120	0.942	20	QM-05
Batch P1L0812 - *** DEFAULT PREP ***										
Blank (P1L0812-BLK1)	Prepared & Analyzed: 12/22/21									
Chemical Oxygen Demand	ND	1.10	mg/L							QAL1

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TRC Solutions- Midland, Texas
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Midland TX, 79705

Project: 97-17
Project Number: TNM 97-17
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 P1L0812 - * DEFAULT PREP *****

LCS (P1L0812-BS1)				Prepared & Analyzed: 12/22/21						
Chemical Oxygen Demand	95.0	1.10	mg/L	100		95.0	80-120			QAL1
LCS Dup (P1L0812-BSD1)				Prepared & Analyzed: 12/22/21						
Chemical Oxygen Demand	102	1.10	mg/L	100		102	80-120	7.11	20	QAL1
Duplicate (P1L0812-DUP1)				Source: 1L08003-06		Prepared & Analyzed: 12/22/21				
Chemical Oxygen Demand	106	1.10	mg/L		103			2.87	20	QAL1
Duplicate (P1L0812-DUP2)				Source: 1L08001-01		Prepared & Analyzed: 12/22/21				
Chemical Oxygen Demand	920	1.10	mg/L		1000			8.33	20	QAL1
Matrix Spike (P1L0812-MS1)				Source: 1L08003-06		Prepared & Analyzed: 12/22/21				
Chemical Oxygen Demand	192	1.10	mg/L	100	103	89.0	80-120			QAL1
Matrix Spike Dup (P1L0812-MSD1)				Source: 1L08003-06		Prepared & Analyzed: 12/22/21				
Chemical Oxygen Demand	192	1.10	mg/L	100	103	89.0	80-120	0.00	20	QAL1

Batch P1L1001 - * DEFAULT PREP *****

Blank (P1L1001-BLK1)				Prepared & Analyzed: 12/10/21						
Sulfate	ND	1.00	mg/L							
LCS (P1L1001-BS1)				Prepared & Analyzed: 12/10/21						
Sulfate	41.0		mg/L	40.0		103	90-110			
LCS Dup (P1L1001-BSD1)				Prepared & Analyzed: 12/10/21						
Sulfate	41.1		mg/L	40.0		103	90-110	0.163	10	

Permian Basin Environmental Lab, L.P.

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

Project: 97-17
Project Number: TNM 97-17
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 P1L1001 - * DEFAULT PREP *****

Calibration Blank (P1L1001-CCB1)

Prepared & Analyzed: 12/10/21

Sulfate	-0.449		mg/L							

Calibration Check (P1L1001-CCV1)

Prepared & Analyzed: 12/10/21

Sulfate	20.2		mg/L	20.0		101	90-110			

Calibration Check (P1L1001-CCV2)

Prepared & Analyzed: 12/10/21

Sulfate	20.4		mg/L	20.0		102	90-110			

Matrix Spike (P1L1001-MS1)

Source: 1L08003-01

Prepared & Analyzed: 12/10/21

Sulfate	2500	50.0	mg/L	500	1960	107	80-120			

Matrix Spike Dup (P1L1001-MSD1)

Source: 1L08003-01

Prepared & Analyzed: 12/10/21

Sulfate	2500	50.0	mg/L	500	1960	107	80-120	0.0721	20	

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

Project: 97-17
Project Number: TNM 97-17
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 P1L0902 - *** DEFAULT PREP ***										
Blank (P1L0902-BLK1)				Prepared: 12/09/21 Analyzed: 12/10/21						
Manganese	0.00155	0.0200	mg/L							J, QAL1
Iron	ND	0.0200	"							QAL1
LCS (P1L0902-BS1)				Prepared: 12/09/21 Analyzed: 12/10/21						
Iron	0.453		mg/L	0.400		113	80-120			QAL1
Manganese	0.0913		"	0.0800		114	85-115			QAL1
LCS Dup (P1L0902-BSD1)				Prepared: 12/09/21 Analyzed: 12/10/21						
Manganese	0.0899		mg/L	0.0800		112	85-115	1.54	20	QAL1
Iron	0.455		"	0.400		114	80-120	0.514	20	QAL1
Calibration Blank (P1L0902-CCB2)				Prepared: 12/09/21 Analyzed: 12/10/21						
Iron	-0.00787		mg/L							QAL1
Manganese	-0.000743		"							QAL1
Calibration Blank (P1L0902-CCB3)				Prepared: 12/09/21 Analyzed: 12/10/21						
Manganese	-0.000947		mg/L							QAL1
Iron	-0.00875		"							QAL1
Calibration Check (P1L0902-CCV1)				Prepared: 12/09/21 Analyzed: 12/10/21						
Manganese	0.0913		mg/L	0.0800		114	80-120			QAL1
Iron	0.461		"	0.400		115	80-120			QAL1
Calibration Check (P1L0902-CCV2)				Prepared: 12/09/21 Analyzed: 12/10/21						
Iron	0.407		mg/L	0.400		102	80-120			QAL1
Manganese	0.0869		"	0.0800		109	80-120			QAL1
Calibration Check (P1L0902-CCV3)				Prepared: 12/09/21 Analyzed: 12/10/21						
Manganese	0.0874		mg/L	0.0800		109	80-120			QAL1
Iron	0.391		"	0.400		97.7	80-120			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: 97-17
Project Number: TNM 97-17
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 P1L0902 - * DEFAULT PREP *****

Matrix Spike (P1L0902-MS1)		Source: 1L08003-01		Prepared: 12/09/21 Analyzed: 12/10/21						
Manganese	0.112		mg/L	0.0800	0.0200	115	75-125			QAL1
Iron	0.411		"	0.400	0.00914	101	75-125			QAL1
Matrix Spike Dup (P1L0902-MSD1)		Source: 1L08003-01		Prepared: 12/09/21 Analyzed: 12/10/21						
Iron	0.421		mg/L	0.400	0.00914	103	75-125	2.48	20	QAL1
Manganese	0.111		"	0.0800	0.0200	113	75-125	0.944	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: 97-17
Project Number: TNM 97-17
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 < 1 Hour, Analysis should be done in the field.

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

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

12/30/2021

Brent Barron, Laboratory Director/Technical Director

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: 97-17
Project Number: TNM 97-17
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.

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

Sample Receipt Checklist

Yes	Notes
☒	Chain of custody present?
☒	Chain of custody signed/dated/time when relinquished and received?
☒	Seal integrity present on COC for all samples?
☒	Samplers name present on COC?
☒	Chain of custody signed with appropriate initials?
☒	Sample containers intact?
☒	Container sealed with all sample bottles?
☒	Samples in proper container/bottle?
☒	Seal integrity present on all submitted samples?
☒	All samples received within holding time?
☒	Analysis requested for all samples submitted?
☒	Shipping container/cooler in good condition?
☒	Custody seals intact on shipping container/cooler?

Login Notes:

Assorted bottles + 1608003
VOR



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

SAMPLE VARIANCE/NON-CONFORMANCE

Variance/Discrepancy:

Resolution:

Client Contacted

Name:

Date/Time:

NC Initiated by: _____ Approved by: _____



10450 Stancliff Rd. Suite 210
Houston, TX 77099
T: +1 281 530 5656
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December 22, 2021

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

Work Order: **HS21120552**

Laboratory Results for: **1L08003**

Dear Brent Barron,

ALS Environmental received 6 sample(s) on Dec 09, 2021 for the analysis presented in the following report.

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

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

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

Sincerely,

Generated By: JUMOKE.LAWAL
Bernadette A. Fini
Project Manager

ALS Houston, US

Date: 22-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L08003
Work Order: HS21120552

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS21120552-01	1L08003-01	Water		07-Dec-2021 10:53	09-Dec-2021 10:10	☐
HS21120552-02	1L08003-02	Water		07-Dec-2021 12:08	09-Dec-2021 10:10	☐
HS21120552-03	1L08003-03	Water		07-Dec-2021 11:29	09-Dec-2021 10:10	☐
HS21120552-04	1L08003-04	Water		07-Dec-2021 12:49	09-Dec-2021 10:10	☐
HS21120552-05	1L08003-05	Water		07-Dec-2021 13:50	09-Dec-2021 10:10	☐
HS21120552-06	1L08003-06	Water		07-Dec-2021 14:50	09-Dec-2021 10:10	☐

ALS Houston, US

Date: 22-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L08003
Work Order: HS21120552

CASE NARRATIVE**Work Order Comments**

- Login notes:
1L08003-03 Toc pH >2 (6) Preserved with 0.5ml H2SO4 (Lot 31006045-17) 12/9/21 @ 20:00. Final pH (1)

GC Semivolatiles by Method RSK-175**Batch ID: R397694****Sample ID: 1L08003-02 (HS21120552-02DUP)**

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

GCMS Semivolatiles by Method SW8270**Batch ID: 173392****Sample ID: LCSD-173392**

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

WetChemistry by Method E415.1**Batch ID: R397475,R397632,R397681**

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

ALS Houston, US

Date: 22-Dec-21

Client:	Permian Basin Environmental Lab, LP	ANALYTICAL REPORT
Project:	1L08003	WorkOrder:HS21120552
Sample ID:	1L08003-01	Lab ID:HS21120552-01
Collection Date:	07-Dec-2021 10:53	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	15-Dec-2021 09:59
Ethene	ND		1.00	ug/L	1	15-Dec-2021 09:59
Methane	1.67		0.500	ug/L	1	15-Dec-2021 09:59
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	8.60		1.00	mg/L	1	12-Dec-2021 06:37

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

ALS Houston, US

Date: 22-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L08003
Sample ID: 1L08003-02
Collection Date: 07-Dec-2021 12:08

ANALYTICAL REPORT

WorkOrder:HS21120552
Lab ID:HS21120552-02
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	15-Dec-2021 10:10
Ethene	1.97		1.00	ug/L	1	15-Dec-2021 10:10
Methane	36.8		0.500	ug/L	1	15-Dec-2021 10:10
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	21.8		1.00	mg/L	1	12-Dec-2021 06:53

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

ALS Houston, US

Date: 22-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L08003
Sample ID: 1L08003-03
Collection Date: 07-Dec-2021 11:29

ANALYTICAL REPORT

WorkOrder:HS21120552
Lab ID:HS21120552-03
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: PPM		
Ethane	2.53		1.00	ug/L	1	15-Dec-2021 10:19
Ethene	ND		1.00	ug/L	1	15-Dec-2021 10:19
Methane	369		12.5	ug/L	25	15-Dec-2021 11:04
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	20.1		1.00	mg/L	1	14-Dec-2021 20:07

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

ALS Houston, US

Date: 22-Dec-21

Client: Permian Basin Environmental Lab, LP
 Project: 1L08003
 Sample ID: 1L08003-04
 Collection Date: 07-Dec-2021 12:49

ANALYTICAL REPORT

WorkOrder:HS21120552
 Lab ID:HS21120552-04
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 10-Dec-2021		Analyst: GEY
1-Methylnaphthalene	1.40	n	0.101	ug/L	1	20-Dec-2021 18:37
2-Methylnaphthalene	ND		0.101	ug/L	1	20-Dec-2021 18:37
Acenaphthene	0.848		0.101	ug/L	1	20-Dec-2021 18:37
Acenaphthylene	ND		0.101	ug/L	1	20-Dec-2021 18:37
Anthracene	ND		0.101	ug/L	1	20-Dec-2021 18:37
Benz(a)anthracene	ND		0.101	ug/L	1	20-Dec-2021 18:37
Benzo(a)pyrene	ND		0.101	ug/L	1	20-Dec-2021 18:37
Benzo(b)fluoranthene	ND		0.101	ug/L	1	20-Dec-2021 18:37
Benzo(g,h,i)perylene	ND		0.101	ug/L	1	20-Dec-2021 18:37
Benzo(k)fluoranthene	ND		0.101	ug/L	1	20-Dec-2021 18:37
Chrysene	ND		0.101	ug/L	1	20-Dec-2021 18:37
Dibenz(a,h)anthracene	ND		0.101	ug/L	1	20-Dec-2021 18:37
Dibenzofuran	0.946		0.101	ug/L	1	20-Dec-2021 18:37
Fluoranthene	ND		0.101	ug/L	1	20-Dec-2021 18:37
Fluorene	ND		0.101	ug/L	1	20-Dec-2021 18:37
Indeno(1,2,3-cd)pyrene	ND		0.101	ug/L	1	20-Dec-2021 18:37
Naphthalene	0.401		0.101	ug/L	1	20-Dec-2021 18:37
Phenanthrene	ND		0.101	ug/L	1	20-Dec-2021 18:37
Pyrene	ND		0.101	ug/L	1	20-Dec-2021 18:37
Surr: 2-Fluorobiphenyl	39.0		32-130	%REC	1	20-Dec-2021 18:37
Surr: 4-Terphenyl-d14	125		40-135	%REC	1	20-Dec-2021 18:37
Surr: Nitrobenzene-d5	46.9		45-142	%REC	1	20-Dec-2021 18:37
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: PPM		
Ethane	1.51		1.00	ug/L	1	15-Dec-2021 10:26
Ethene	ND		1.00	ug/L	1	15-Dec-2021 10:26
Methane	442		12.5	ug/L	25	15-Dec-2021 11:13
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	29.3		1.00	mg/L	1	14-Dec-2021 20:23

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

ALS Houston, US

Date: 22-Dec-21

Client: Permian Basin Environmental Lab, LP
 Project: 1L08003
 Sample ID: 1L08003-05
 Collection Date: 07-Dec-2021 13:50

ANALYTICAL REPORT

WorkOrder:HS21120552
 Lab ID:HS21120552-05
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 10-Dec-2021		Analyst: GEY
1-Methylnaphthalene	11.2	n	1.00	ug/L	10	21-Dec-2021 15:41
2-Methylnaphthalene	2.93		0.100	ug/L	1	20-Dec-2021 18:57
Acenaphthene	2.27		0.100	ug/L	1	20-Dec-2021 18:57
Acenaphthylene	0.707		0.100	ug/L	1	20-Dec-2021 18:57
Anthracene	ND		0.100	ug/L	1	20-Dec-2021 18:57
Benz(a)anthracene	ND		0.100	ug/L	1	20-Dec-2021 18:57
Benzo(a)pyrene	ND		0.100	ug/L	1	20-Dec-2021 18:57
Benzo(b)fluoranthene	ND		0.100	ug/L	1	20-Dec-2021 18:57
Benzo(g,h,i)perylene	ND		0.100	ug/L	1	20-Dec-2021 18:57
Benzo(k)fluoranthene	ND		0.100	ug/L	1	20-Dec-2021 18:57
Chrysene	ND		0.100	ug/L	1	20-Dec-2021 18:57
Dibenz(a,h)anthracene	ND		0.100	ug/L	1	20-Dec-2021 18:57
Dibenzofuran	2.21		0.100	ug/L	1	20-Dec-2021 18:57
Fluoranthene	ND		0.100	ug/L	1	20-Dec-2021 18:57
Fluorene	2.51		0.100	ug/L	1	20-Dec-2021 18:57
Indeno(1,2,3-cd)pyrene	ND		0.100	ug/L	1	20-Dec-2021 18:57
Naphthalene	5.24		0.100	ug/L	1	20-Dec-2021 18:57
Phenanthrene	0.761		0.100	ug/L	1	20-Dec-2021 18:57
Pyrene	ND		0.100	ug/L	1	20-Dec-2021 18:57
Surr: 2-Fluorobiphenyl	118		32-130	%REC	1	20-Dec-2021 18:57
Surr: 2-Fluorobiphenyl	58.3		32-130	%REC	10	21-Dec-2021 15:41
Surr: 4-Terphenyl-d14	101		40-135	%REC	1	20-Dec-2021 18:57
Surr: 4-Terphenyl-d14	52.6		40-135	%REC	10	21-Dec-2021 15:41
Surr: Nitrobenzene-d5	51.1		45-142	%REC	1	20-Dec-2021 18:57
Surr: Nitrobenzene-d5	79.4		45-142	%REC	10	21-Dec-2021 15:41
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: PPM		
Ethane	6.64		1.00	ug/L	1	15-Dec-2021 10:35
Ethene	106		100	ug/L	100	15-Dec-2021 11:22
Methane	2,800		50.0	ug/L	100	15-Dec-2021 11:22
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	168		10.0	mg/L	10	15-Dec-2021 12:33

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

ALS Houston, US

Date: 22-Dec-21

Client: Permian Basin Environmental Lab, LP
 Project: 1L08003
 Sample ID: 1L08003-06
 Collection Date: 07-Dec-2021 14:50

ANALYTICAL REPORT

WorkOrder: HS21120552
 Lab ID: HS21120552-06
 Matrix: Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method: SW8270		Prep: SW3511 / 10-Dec-2021		Analyst: GEY
1-Methylnaphthalene	12.4	n	1.00	ug/L	10	21-Dec-2021 16:01
2-Methylnaphthalene	4.40		0.100	ug/L	1	20-Dec-2021 19:17
Acenaphthene	1.50		0.100	ug/L	1	20-Dec-2021 19:17
Acenaphthylene	0.696		0.100	ug/L	1	20-Dec-2021 19:17
Anthracene	ND		0.100	ug/L	1	20-Dec-2021 19:17
Benz(a)anthracene	ND		0.100	ug/L	1	20-Dec-2021 19:17
Benzo(a)pyrene	ND		0.100	ug/L	1	20-Dec-2021 19:17
Benzo(b)fluoranthene	ND		0.100	ug/L	1	20-Dec-2021 19:17
Benzo(g,h,i)perylene	ND		0.100	ug/L	1	20-Dec-2021 19:17
Benzo(k)fluoranthene	ND		0.100	ug/L	1	20-Dec-2021 19:17
Chrysene	0.314		0.100	ug/L	1	20-Dec-2021 19:17
Dibenz(a,h)anthracene	ND		0.100	ug/L	1	20-Dec-2021 19:17
Dibenzofuran	1.05		0.100	ug/L	1	20-Dec-2021 19:17
Fluoranthene	ND		0.100	ug/L	1	20-Dec-2021 19:17
Fluorene	1.98		0.100	ug/L	1	20-Dec-2021 19:17
Indeno(1,2,3-cd)pyrene	ND		0.100	ug/L	1	20-Dec-2021 19:17
Naphthalene	3.15		0.100	ug/L	1	20-Dec-2021 19:17
Phenanthrene	1.13		0.100	ug/L	1	20-Dec-2021 19:17
Pyrene	ND		0.100	ug/L	1	20-Dec-2021 19:17
Surr: 2-Fluorobiphenyl	50.0		32-130	%REC	10	21-Dec-2021 16:01
Surr: 2-Fluorobiphenyl	96.5		32-130	%REC	1	20-Dec-2021 19:17
Surr: 4-Terphenyl-d14	75.2		40-135	%REC	1	20-Dec-2021 19:17
Surr: 4-Terphenyl-d14	58.8		40-135	%REC	10	21-Dec-2021 16:01
Surr: Nitrobenzene-d5	134		45-142	%REC	1	20-Dec-2021 19:17
Surr: Nitrobenzene-d5	47.4		45-142	%REC	10	21-Dec-2021 16:01
DISSOLVED GASES BY RSK-175		Method: RSK-175		Analyst: PPM		
Ethane	1.44		1.00	ug/L	1	15-Dec-2021 10:46
Ethene	4.11		1.00	ug/L	1	15-Dec-2021 10:46
Methane	438		12.5	ug/L	25	15-Dec-2021 11:30
TOTAL ORGANIC CARBON BY E415.1		Method: E415.1		Analyst: JAC		
Organic Carbon, Total	26.4		1.00	mg/L	1	14-Dec-2021 20:57

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

ALS Houston, US

Date: 22-Dec-21

Weight / Prep Log

Client: Permian Basin Environmental Lab, LP
Project: 1L08003
WorkOrder: HS21120552

Batch ID: 173392	Start Date: 10 Dec 2021 09:44	End Date: 10 Dec 2021 13:30
Method: SW3511	Prep Code: 3511_PAH	

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS21120552-04	1	32.74 (mL)	2 (mL)	0.06109	40 mL Amber
HS21120552-05	1	33 (mL)	2 (mL)	0.06061	40 mL Amber
HS21120552-06	1	33 (mL)	2 (mL)	0.06061	40 mL Amber

ALS Houston, US

Date: 22-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L08003
WorkOrder: HS21120552

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 173392 (0)		Test Name : LOW-LEVEL PAHS - 8270D			Matrix: Water	
HS21120552-04	1L08003-04	07 Dec 2021 12:49		10 Dec 2021 09:44	20 Dec 2021 18:37	1
HS21120552-05	1L08003-05	07 Dec 2021 13:50		10 Dec 2021 09:44	21 Dec 2021 15:41	10
HS21120552-05	1L08003-05	07 Dec 2021 13:50		10 Dec 2021 09:44	20 Dec 2021 18:57	1
HS21120552-06	1L08003-06	07 Dec 2021 14:50		10 Dec 2021 09:44	21 Dec 2021 16:01	10
HS21120552-06	1L08003-06	07 Dec 2021 14:50		10 Dec 2021 09:44	20 Dec 2021 19:17	1
Batch ID: R397475 (0)		Test Name : TOTAL ORGANIC CARBON BY E415.1			Matrix: Water	
HS21120552-01	1L08003-01	07 Dec 2021 10:53			12 Dec 2021 06:37	1
HS21120552-02	1L08003-02	07 Dec 2021 12:08			12 Dec 2021 06:53	1
Batch ID: R397632 (0)		Test Name : TOTAL ORGANIC CARBON BY E415.1			Matrix: Water	
HS21120552-03	1L08003-03	07 Dec 2021 11:29			14 Dec 2021 20:07	1
HS21120552-04	1L08003-04	07 Dec 2021 12:49			14 Dec 2021 20:23	1
HS21120552-06	1L08003-06	07 Dec 2021 14:50			14 Dec 2021 20:57	1
Batch ID: R397681 (0)		Test Name : TOTAL ORGANIC CARBON BY E415.1			Matrix: Water	
HS21120552-05	1L08003-05	07 Dec 2021 13:50			15 Dec 2021 12:33	10
Batch ID: R397694 (0)		Test Name : DISSOLVED GASES BY RSK-175			Matrix: Water	
HS21120552-01	1L08003-01	07 Dec 2021 10:53			15 Dec 2021 09:59	1
HS21120552-02	1L08003-02	07 Dec 2021 12:08			15 Dec 2021 10:10	1
HS21120552-03	1L08003-03	07 Dec 2021 11:29			15 Dec 2021 11:04	25
HS21120552-03	1L08003-03	07 Dec 2021 11:29			15 Dec 2021 10:19	1
HS21120552-04	1L08003-04	07 Dec 2021 12:49			15 Dec 2021 11:13	25
HS21120552-04	1L08003-04	07 Dec 2021 12:49			15 Dec 2021 10:26	1
HS21120552-05	1L08003-05	07 Dec 2021 13:50			15 Dec 2021 11:22	100
HS21120552-05	1L08003-05	07 Dec 2021 13:50			15 Dec 2021 10:35	1
HS21120552-06	1L08003-06	07 Dec 2021 14:50			15 Dec 2021 11:30	25
HS21120552-06	1L08003-06	07 Dec 2021 14:50			15 Dec 2021 10:46	1

ALS Houston, US

Date: 22-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L08003
WorkOrder: HS21120552

QC BATCH REPORT

Batch ID: R397694 (0)		Instrument: FID-4		Method: DISSOLVED GASES BY RSK-175					
MBLK	Sample ID: MBLK-211215	Units: ug/L		Analysis Date: 15-Dec-2021 09:32					
Client ID:	Run ID: FID-4_397694	SeqNo: 6422826		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-211215	Units: ug/L		Analysis Date: 15-Dec-2021 09:41					
Client ID:	Run ID: FID-4_397694	SeqNo: 6422827		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Ethane	19.47	1.00	18.04	0	108	75 - 125			
Ethene	16.51	1.00	16.8	0	98.3	75 - 125			
Methane	10.42	0.500	9.647	0	108	75 - 125			

LCSD	Sample ID: LCSD-211215	Units: ug/L		Analysis Date: 15-Dec-2021 09:50					
Client ID:	Run ID: FID-4_397694	SeqNo: 6422828		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Ethane	21.09	1.00	18.04	0	117	75 - 125	19.47	7.97	30
Ethene	17.42	1.00	16.8	0	104	75 - 125	16.51	5.35	30
Methane	10.37	0.500	9.647	0	107	75 - 125	10.42	0.503	30

DUP	Sample ID: HS21120552-02DUP	Units: ug/L		Analysis Date: 15-Dec-2021 14:37					
Client ID: 1L08003-02	Run ID: FID-4_397694	SeqNo: 6422855		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					0.9924	0	30
Ethene	2.726	1.00					1.974	32	30 R
Methane	34.32	0.500					36.81	7	30

The following samples were analyzed in this batch: HS21120552-01 HS21120552-02 HS21120552-03 HS21120552-04
 HS21120552-05 HS21120552-06

ALS Houston, US

Date: 22-Dec-21

Client: Permian Basin Environmental Lab, LP

Project: 1L08003

QC BATCH REPORT

WorkOrder: HS21120552

Batch ID: 173392 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D						
MBLK	Sample ID: MBLK-173392	Units: ug/L		Analysis Date: 20-Dec-2021 15:16						
Client ID:	Run ID: SV-6_398028		SeqNo: 6431147		PrepDate: 10-Dec-2021		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	ND	0.100								
2-Methylnaphthalene	ND	0.100								
Acenaphthene	ND	0.100								
Acenaphthylene	ND	0.100								
Anthracene	ND	0.100								
Benz(a)anthracene	ND	0.100								
Benzo(a)pyrene	ND	0.100								
Benzo(b)fluoranthene	ND	0.100								
Benzo(g,h,i)perylene	ND	0.100								
Benzo(k)fluoranthene	ND	0.100								
Chrysene	ND	0.100								
Dibenz(a,h)anthracene	ND	0.100								
Dibenzofuran	ND	0.100								
Fluoranthene	ND	0.100								
Fluorene	ND	0.100								
Indeno(1,2,3-cd)pyrene	ND	0.100								
Naphthalene	ND	0.100								
Phenanthrene	ND	0.100								
Pyrene	ND	0.100								
Surr: 2-Fluorobiphenyl	1.267	0.100	3.03	0	41.8	32 - 130				
Surr: 4-Terphenyl-d14	2.021	0.100	3.03	0	66.7	40 - 135				
Surr: Nitrobenzene-d5	3.696	0.100	3.03	0	122	45 - 142				

ALS Houston, US

Date: 22-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L08003
WorkOrder: HS21120552

QC BATCH REPORT

Batch ID: 173392 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D						
LCS		Sample ID: LCS-173392		Units: ug/L		Analysis Date: 20-Dec-2021 15:36				
Client ID:		Run ID: SV-6_398028		SeqNo: 6431148		PrepDate: 10-Dec-2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	3.35	0.100	3.03	0	111	40 - 140				
2-Methylnaphthalene	3.012	0.100	3.03	0	99.4	40 - 140				
Acenaphthene	3.823	0.100	3.03	0	126	40 - 140				
Acenaphthylene	1.988	0.100	3.03	0	65.6	40 - 140				
Anthracene	2.719	0.100	3.03	0	89.7	40 - 140				
Benz(a)anthracene	2.432	0.100	3.03	0	80.3	40 - 140				
Benzo(a)pyrene	4.096	0.100	3.03	0	135	40 - 140				
Benzo(b)fluoranthene	2.441	0.100	3.03	0	80.5	40 - 140				
Benzo(g,h,i)perylene	3.176	0.100	3.03	0	105	40 - 140				
Benzo(k)fluoranthene	3.898	0.100	3.03	0	129	40 - 140				
Chrysene	3.447	0.100	3.03	0	114	40 - 140				
Dibenz(a,h)anthracene	2.926	0.100	3.03	0	96.6	40 - 140				
Dibenzofuran	2.15	0.100	3.03	0	71.0	40 - 140				
Fluoranthene	2.574	0.100	3.03	0	85.0	40 - 140				
Fluorene	2.313	0.100	3.03	0	76.3	40 - 140				
Indeno(1,2,3-cd)pyrene	3.481	0.100	3.03	0	115	40 - 140				
Naphthalene	3.658	0.100	3.03	0	121	40 - 140				
Phenanthrene	1.788	0.100	3.03	0	59.0	40 - 140				
Pyrene	2.866	0.100	3.03	0	94.6	40 - 140				
Surr: 2-Fluorobiphenyl	0.99	0.100	3.03	0	32.7	32 - 130				
Surr: 4-Terphenyl-d14	2.587	0.100	3.03	0	85.4	40 - 135				
Surr: Nitrobenzene-d5	2.748	0.100	3.03	0	90.7	45 - 142				

ALS Houston, US

Date: 22-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L08003
WorkOrder: HS21120552

QC BATCH REPORT

Batch ID: 173392 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D						
LCSD		Sample ID: LCSD-173392		Units: ug/L		Analysis Date: 20-Dec-2021 15:56				
Client ID:		Run ID: SV-6_398028		SeqNo: 6431149		PrepDate: 10-Dec-2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	3.687	0.100	3.03	0	122	40 - 140	3.35	9.57	25	
2-Methylnaphthalene	2.667	0.100	3.03	0	88.0	40 - 140	3.012	12.1	25	
Acenaphthene	2.522	0.100	3.03	0	83.2	40 - 140	3.823	41	25	R
Acenaphthylene	2.236	0.100	3.03	0	73.8	40 - 140	1.988	11.7	25	
Anthracene	3.649	0.100	3.03	0	120	40 - 140	2.719	29.2	25	R
Benz(a)anthracene	2.98	0.100	3.03	0	98.4	40 - 140	2.432	20.3	25	
Benzo(a)pyrene	3.167	0.100	3.03	0	105	40 - 140	4.096	25.6	25	R
Benzo(b)fluoranthene	2.004	0.100	3.03	0	66.1	40 - 140	2.441	19.6	25	
Benzo(g,h,i)perylene	3.084	0.100	3.03	0	102	40 - 140	3.176	2.94	25	
Benzo(k)fluoranthene	2.454	0.100	3.03	0	81.0	40 - 140	3.898	45.5	25	R
Chrysene	3.696	0.100	3.03	0	122	40 - 140	3.447	6.97	25	
Dibenz(a,h)anthracene	3.022	0.100	3.03	0	99.7	40 - 140	2.926	3.23	25	
Dibenzofuran	2.367	0.100	3.03	0	78.1	40 - 140	2.15	9.61	25	
Fluoranthene	2.683	0.100	3.03	0	88.6	40 - 140	2.574	4.15	25	
Fluorene	2.324	0.100	3.03	0	76.7	40 - 140	2.313	0.465	25	
Indeno(1,2,3-cd)pyrene	3.292	0.100	3.03	0	109	40 - 140	3.481	5.58	25	
Naphthalene	3.183	0.100	3.03	0	105	40 - 140	3.658	13.9	25	
Phenanthrene	2.93	0.100	3.03	0	96.7	40 - 140	1.788	48.4	25	R
Pyrene	3.518	0.100	3.03	0	116	40 - 140	2.866	20.4	25	
Surr: 2-Fluorobiphenyl	1.075	0.100	3.03	0	35.5	32 - 130	0.99	8.22	25	
Surr: 4-Terphenyl-d14	3.12	0.100	3.03	0	103	40 - 135	2.587	18.7	25	
Surr: Nitrobenzene-d5	2.817	0.100	3.03	0	93.0	45 - 142	2.748	2.48	25	

The following samples were analyzed in this batch: HS21120552-04 HS21120552-05 HS21120552-06

ALS Houston, US

Date: 22-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L08003
WorkOrder: HS21120552

QC BATCH REPORT

Batch ID: R397475 (0)		Instrument: TOC_04		Method: TOTAL ORGANIC CARBON BY E415.1					
MBLK	Sample ID: MBLK-12112021	Units: mg/L		Analysis Date: 12-Dec-2021 02:33					
Client ID:	Run ID: TOC_04_397475	SeqNo: 6417843		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Organic Carbon, Total	ND	1.00							
LCS	Sample ID: LCS-12112021	Units: mg/L		Analysis Date: 12-Dec-2021 02:49					
Client ID:	Run ID: TOC_04_397475	SeqNo: 6417844		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Organic Carbon, Total	10.72	1.00	10	0	107	85 - 115			
LCSD	Sample ID: LCSD-12112021	Units: mg/L		Analysis Date: 12-Dec-2021 03:05					
Client ID:	Run ID: TOC_04_397475	SeqNo: 6417845		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Organic Carbon, Total	10.71	1.00	10	0	107	85 - 115	10.72	0.0933	20
MS	Sample ID: HS21120407-06MS	Units: mg/L		Analysis Date: 12-Dec-2021 03:37					
Client ID:	Run ID: TOC_04_397475	SeqNo: 6417847		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Organic Carbon, Total	18.03	1.00	10	7.047	110	80 - 120			
The following samples were analyzed in this batch:									
HS21120552-01 HS21120552-02									

ALS Houston, US

Date: 22-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L08003
WorkOrder: HS21120552

QC BATCH REPORT

Batch ID: R397632 (0)		Instrument: TOC_04		Method: TOTAL ORGANIC CARBON BY E415.1						
MBLK	Sample ID: MBLK-12142021	Units: mg/L		Analysis Date: 14-Dec-2021 19:18						
Client ID:	Run ID: TOC_04_397632	SeqNo: 6421506		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-12142021	Units: mg/L		Analysis Date: 14-Dec-2021 19:34						
Client ID:	Run ID: TOC_04_397632	SeqNo: 6421507		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	10.89	1.00	10	0	109	85 - 115				
LCSD	Sample ID: LCSD-12142021	Units: mg/L		Analysis Date: 14-Dec-2021 19:50						
Client ID:	Run ID: TOC_04_397632	SeqNo: 6421508		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	10.93	1.00	10	0	109	85 - 115	10.89	0.367	20	
MS	Sample ID: HS21120101-01MS	Units: mg/L		Analysis Date: 14-Dec-2021 21:30						
Client ID:	Run ID: TOC_04_397632	SeqNo: 6421514		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	24.19	1.00	10	14.77	94.2	80 - 120				
The following samples were analyzed in this batch:										
		HS21120552-03		HS21120552-04		HS21120552-06				

ALS Houston, US

Date: 22-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L08003
WorkOrder: HS21120552

QC BATCH REPORT

Batch ID: R397681 (0)		Instrument: TOC_04		Method: TOTAL ORGANIC CARBON BY E415.1					
MBLK	Sample ID: MBLK-12152021	Units: mg/L		Analysis Date: 15-Dec-2021 11:44					
Client ID:	Run ID: TOC_04_397681	SeqNo: 6422506		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-12152021	Units: mg/L		Analysis Date: 15-Dec-2021 12:01					
Client ID:	Run ID: TOC_04_397681	SeqNo: 6422507		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Organic Carbon, Total	10.81	1.00	10	0	108	85 - 115			
LCSD	Sample ID: LCSD-12152021	Units: mg/L		Analysis Date: 15-Dec-2021 12:17					
Client ID:	Run ID: TOC_04_397681	SeqNo: 6422508		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Organic Carbon, Total	10.94	1.00	10	0	109	85 - 115	10.81	1.2	20
MS	Sample ID: HS21120178-01MS	Units: mg/L		Analysis Date: 15-Dec-2021 13:21					
Client ID:	Run ID: TOC_04_397681	SeqNo: 6422512		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	15.52	1.00	10	7.105	84.2	80 - 120			
The following samples were analyzed in this batch: HS21120552-05									

ALS Houston, US

Date: 22-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L08003
WorkOrder: HS21120552

**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: 22-Dec-21

CERTIFICATIONS,ACCREDITATIONS & LICENSES

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

ALS Houston, US

Date: 22-Dec-21

Sample Receipt Checklist

Work Order ID: HS21120552

Date/Time Received: 09-Dec-2021 10:10

Client Name: Permian Basin Lab

Received by: Jared R. Makan

Completed By: /S/ Paresh M. Giga	10-Dec-2021 06:52	Reviewed by: /S/ Bernadette A. Fini	13-Dec-2021 09:18
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 ☐	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 U/C IR31		
Cooler(s)/Kit(s):	Blue		
Date/Time sample(s) sent to storage:	12/9/2021 19:00		
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:	1L08003-03 Toc pH >2 (6) Pres'd with 0.5ml H2SO4 (Lot 31006045-17) 12/9/21 @ 20:00. Final pH (1)		

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

Corrective Action:



Phone: 432-686-7235
PBELAB_SUB_COC V2

HS21120552

Permian Basin Environmental Lab, LP
1L08003

[REDACTED]

Project Name: SUBCONTRACT

Project #:

Project Loc:

PO #:

e-mail: brentbarron@pbelab.com

Report Format: X Standard ☐ TRRP

☐ TRRP

5

LAB # (lab use only)		FIELD CODE		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers				Matrix	Analyze For:												24 HOUR	STANDARD 4 DAY											
LAB # (lab use only)		FIELD CODE		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	ICE	HNO ₃ 120 Poly 1	HCl 3.40mL VOA	H ₂ SO ₄ 1.4mL 500 120 Poly	NaOH / ZNAC 250 Poly 1	Na ₂ S ₂ O ₃	None Poly 500mL 250mL	Glass Amber 1000 500 mL	NONE 3 AMBER VOAA VIALS	DW=Drinking Water St=Sludge	GW = Groundwater S=Soil/Solid	NP=Non-Portable	Specify Other	8270C PAH LL	METALS RCRA 8 TCLP ICPMS/7471	TOC SM631D	RSK-175 Methane,Ethane,Ethene	8250 COMPLETE LIST MG/KG	8270C SEMIVOLATILE	Cr TCLP ICPMS 6020A	Cd TCLP ICPMS 6020A	8260C SEMIVOLATILE	METHANOL 8015M	GLYCOLS-DI 8015B	NORM 901.1M	TCLP BENZENE 8260B	24 HOUR	STANDARD 4 DAY		
		1L08003-01				12/7/2021	10:53		4		X	X				X			W					X	X														
		1L08003-02				12/7/2021	12:08		4		X	X				X			W				X	X															
		1L08003-03				12/7/2021	11:29		4		X	X				X			W				X	X															
		1L08003-04				12/7/2021	12:49		7		X	X				X			W		X		X	X															
		1L08003-05				12/7/2021	13:50		7		X	X				X			W		X		X	X															
		1L08003-06				12/7/2021	14:50		7		X	X				X			W		X		X	X															

Special Instructions:

Relinquished by:

Brent Barron

12/8/2021

16:00

Received by:

J. P. AC-TR

12/9/21

10:10

Relinquished by:

Received by:

Relinquished by:

Received by:

Laboratory Comments:

Sample Containers Intact?

Y

N

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

Y

by Sampler/Client Rep. ?

Y

by Courier?

UPS

DHL

FedEx

LL

Temperature Upon Receipt:

Received:

Adjusted:

15°C

0°C Factor

Blue ~~DEC 09 2021~~

Blue

TRK# 8161 1355-9319 THU - 09 DEC AA
STANDARD OVERNIGHT

AB SGRA *Blue* 77099
TX-US
IAH



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



Analytical Report

Prepared for:

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

Project: 97-17
Project Number: TNM 97-17
Location:
Lab Order Number: 1L08006



Current Certification

Report Date: 12/30/21

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

Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW1	1L08006-01	Water	12/06/21 13:31	12-08-2021 08:02
MW12	1L08006-02	Water	12/06/21 13:46	12-08-2021 08:02
MW13	1L08006-03	Water	12/06/21 13:58	12-08-2021 08:02
MW16	1L08006-04	Water	12/06/21 14:13	12-08-2021 08:02
MW17	1L08006-05	Water	12/06/21 14:31	12-08-2021 08:02
MW2	1L08006-06	Water	12/06/21 14:46	12-08-2021 08:02
MW28	1L08006-07	Water	12/06/21 15:02	12-08-2021 08:02
MW3	1L08006-08	Water	12/06/21 15:20	12-08-2021 08:02
MW18	1L08006-09	Water	12/06/21 15:36	12-08-2021 08:02
MW27	1L08006-10	Water	12/06/21 15:51	12-08-2021 08:02
MW23	1L08006-11	Water	12/06/21 16:11	12-08-2021 08:02
MW20	1L08006-12	Water	12/06/21 16:23	12-08-2021 08:02
RW1	1L08006-13	Water	12/06/21 16:40	12-08-2021 08:02
MW15	1L08006-14	Water	12/06/21 16:53	12-08-2021 08:02
MW6	1L08006-15	Water	12/06/21 17:05	12-08-2021 08:02
RW6	1L08006-16	Water	12/06/21 17:20	12-08-2021 08:02
RW5	1L08006-17	Water	12/06/21 17:40	12-08-2021 08:02
MW14	1L08006-18	Water	12/06/21 17:51	12-08-2021 08:02
RW4	1L08006-19	Water	12/06/21 18:03	12-08-2021 08:02
MW4	1L08006-20	Water	12/06/21 18:25	12-08-2021 08:02

LL PAH analysis was 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: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW1**1L08006-01 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

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

Benzene	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/08/21 23:45	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/08/21 23:45	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/08/21 23:45	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0814	12/08/21 14:13	12/08/21 23:45	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/08/21 23:45	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	98.8 %		80-120		P1L0814	12/08/21 14:13	12/08/21 23:45	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	99.5 %		80-120		P1L0814	12/08/21 14:13	12/08/21 23:45	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: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW12**1L08006-02 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

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

Benzene	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 00:07	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 00:07	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 00:07	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 00:07	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 00:07	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	98.5 %		80-120		P1L0814	12/08/21 14:13	12/09/21 00:07	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	99.4 %		80-120		P1L0814	12/08/21 14:13	12/09/21 00:07	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: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW13**1L08006-03 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

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

Benzene	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 00:28	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 00:28	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 00:28	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 00:28	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 00:28	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	97.9 %		80-120		P1L0814	12/08/21 14:13	12/09/21 00:28	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	99.2 %		80-120		P1L0814	12/08/21 14:13	12/09/21 00:28	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

MW16
1L08006-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC									
Benzene	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 00:49	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 00:49	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 00:49	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 00:49	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 00:49	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	95.8 %		80-120		P1L0814	12/08/21 14:13	12/09/21 00:49	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	99.4 %		80-120		P1L0814	12/08/21 14:13	12/09/21 00:49	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: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW17
1L08006-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 01:11	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 01:11	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 01:11	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 01:11	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 01:11	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	96.6 %		80-120		P1L0814	12/08/21 14:13	12/09/21 01:11	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.7 %		80-120		P1L0814	12/08/21 14:13	12/09/21 01:11	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: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW2**1L08006-06 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

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

Benzene	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 01:32	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 01:32	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 01:32	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 01:32	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 01:32	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	96.2 %		80-120		P1L0814	12/08/21 14:13	12/09/21 01:32	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.9 %		80-120		P1L0814	12/08/21 14:13	12/09/21 01:32	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: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW28**1L08006-07 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

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

Benzene	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 01:53	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 01:53	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 01:53	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 01:53	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 01:53	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	98.4 %		80-120		P1L0814	12/08/21 14:13	12/09/21 01:53	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	99.6 %		80-120		P1L0814	12/08/21 14:13	12/09/21 01:53	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: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW3**1L08006-08 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

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

Benzene	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 02:57	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 02:57	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 02:57	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 02:57	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 02:57	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	98.2 %		80-120		P1L0814	12/08/21 14:13	12/09/21 02:57	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	99.9 %		80-120		P1L0814	12/08/21 14:13	12/09/21 02:57	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: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW18
1L08006-09 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 03:19	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 03:19	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 03:19	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 03:19	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 03:19	EPA 8021B
Surrogate: 4-Bromofluorobenzene	97.4 %		80-120		P1L0814	12/08/21 14:13	12/09/21 03:19	EPA 8021B
Surrogate: 1,4-Difluorobenzene	100 %		80-120		P1L0814	12/08/21 14:13	12/09/21 03:19	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: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW27
1L08006-10 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 03:40	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 03:40	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 03:40	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 03:40	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 03:40	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	96.8 %		80-120		P1L0814	12/08/21 14:13	12/09/21 03:40	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	99.5 %		80-120		P1L0814	12/08/21 14:13	12/09/21 03:40	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: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW23**1L08006-11 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

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

Benzene	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 04:02	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 04:02	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 04:02	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 04:02	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 04:02	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	98.9 %		80-120		P1L0814	12/08/21 14:13	12/09/21 04:02	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	99.5 %		80-120		P1L0814	12/08/21 14:13	12/09/21 04:02	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: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW20**1L08006-12 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

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

Benzene	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 04:23	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 04:23	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 04:23	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 04:23	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 04:23	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	97.3 %		80-120		P1L0814	12/08/21 14:13	12/09/21 04:23	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	95.9 %		80-120		P1L0814	12/08/21 14:13	12/09/21 04:23	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

RW1
1L08006-13 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC									
Benzene	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 04:44	EPA 8021B	
Toluene	0.00298	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 04:44	EPA 8021B	
Ethylbenzene	0.00752	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 04:44	EPA 8021B	
Xylene (p/m)	0.00365	0.00200	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 04:44	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 04:44	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	99.6 %		80-120		P1L0814	12/08/21 14:13	12/09/21 04:44	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	94.9 %		80-120		P1L0814	12/08/21 14:13	12/09/21 04:44	EPA 8021B	

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

Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW15
1L08006-14 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0240	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 05:06	EPA 8021B	
Toluene	0.0202	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 05:06	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 05:06	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 05:06	EPA 8021B	
Xylene (o)	0.0489	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 05:06	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	110 %	80-120			P1L0814	12/08/21 14:13	12/09/21 05:06	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	97.6 %	80-120			P1L0814	12/08/21 14:13	12/09/21 05:06	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.0065	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:16	8270C	SUB-13
2-Methylnaphthalene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:16	8270C	SUB-13
Acenaphthene	0.0069	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:16	8270C	SUB-13
Acenaphthylene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:16	8270C	SUB-13
Anthracene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:16	8270C	SUB-13
Benzo (a) anthracene	0.0013	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:16	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:16	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:16	8270C	SUB-13
Benzo (g,h,i) perylene	0.00078	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:16	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:16	8270C	SUB-13
Chrysene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:16	8270C	SUB-13
Dibenzo (a,h) anthracene	0.00049	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:16	8270C	SUB-13
Dibenzofuran	0.0026	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:16	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:16	8270C	SUB-13
Fluorene	0.0022	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:16	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	0.00082	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:16	8270C	SUB-13
Naphthalene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:16	8270C	SUB-13
Phenanthrene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:16	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:16	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: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW6
1L08006-15 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0209	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 05:27	EPA 8021B	
Toluene	0.00254	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 05:27	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 05:27	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 05:27	EPA 8021B	
Xylene (o)	0.00359	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 05:27	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	98.5 %	80-120			P1L0814	12/08/21 14:13	12/09/21 05:27	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	95.9 %	80-120			P1L0814	12/08/21 14:13	12/09/21 05:27	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.0046	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:36	8270C	SUB-13
2-Methylnaphthalene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:36	8270C	SUB-13
Acenaphthene	0.0019	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:36	8270C	SUB-13
Acenaphthylene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:36	8270C	SUB-13
Anthracene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:36	8270C	SUB-13
Benzo (a) anthracene	0.00060	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:36	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:36	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:36	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:36	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:36	8270C	SUB-13
Chrysene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:36	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:36	8270C	SUB-13
Dibenzofuran	0.0012	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:36	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:36	8270C	SUB-13
Fluorene	0.0012	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:36	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:36	8270C	SUB-13
Naphthalene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:36	8270C	SUB-13
Phenanthrene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:36	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:36	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: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

RW6
1L08006-16 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0421	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 05:48	EPA 8021B	
Toluene	0.00854	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 05:48	EPA 8021B	
Ethylbenzene	0.0126	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 05:48	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 05:48	EPA 8021B	
Xylene (o)	0.0136	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 05:48	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	93.3 %		80-120		P1L0814	12/08/21 14:13	12/09/21 05:48	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	86.5 %		80-120		P1L0814	12/08/21 14:13	12/09/21 05:48	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.014	0.00010	mg/L	10	P1L2207	12/10/21 13:30	12/20/21 19:37	8270C	SUB-13
2-Methylnaphthalene	0.0011	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:56	8270C	SUB-13
Acenaphthene	0.0064	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:56	8270C	SUB-13
Acenaphthylene	0.0020	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:56	8270C	SUB-13
Anthracene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:56	8270C	SUB-13
Benzo (a) anthracene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:56	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:56	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:56	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:56	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:56	8270C	SUB-13
Chrysene	0.0012	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:56	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:56	8270C	SUB-13
Dibenzofuran	0.0044	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:56	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:56	8270C	SUB-13
Fluorene	0.0056	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:56	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:56	8270C	SUB-13
Naphthalene	0.0019	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:56	8270C	SUB-13
Phenanthrene	0.0026	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:56	8270C	SUB-13
Pyrene	0.00077	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 16:56	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: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

RW5
1L08006-17 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.296	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 06:10	EPA 8021B	
Toluene	0.00171	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 06:10	EPA 8021B	
Ethylbenzene	0.0158	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 06:10	EPA 8021B	
Xylene (p/m)	0.0206	0.00200	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 06:10	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P1L0814	12/08/21 14:13	12/09/21 06:10	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	99.0 %		80-120		P1L0814	12/08/21 14:13	12/09/21 06:10	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	94.0 %		80-120		P1L0814	12/08/21 14:13	12/09/21 06:10	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.016	0.0010	mg/L	10	P1L2207	12/10/21 13:30	12/20/21 19:58	8270C	SUB-13
2-Methylnaphthalene	0.0020	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 17:16	8270C	SUB-13
Acenaphthene	0.0040	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 17:16	8270C	SUB-13
Acenaphthylene	0.0011	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 17:16	8270C	SUB-13
Anthracene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 17:16	8270C	SUB-13
Benzo (a) anthracene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 17:16	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 17:16	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 17:16	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 17:16	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 17:16	8270C	SUB-13
Chrysene	0.00045	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 17:16	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 17:16	8270C	SUB-13
Dibenzofuran	0.0036	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 17:16	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 17:16	8270C	SUB-13
Fluorene	0.0025	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 17:16	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 17:16	8270C	SUB-13
Naphthalene	0.0049	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 17:16	8270C	SUB-13
Phenanthrene	0.0019	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 17:16	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 17:16	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: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW14
1L08006-18 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.231	0.00100	mg/L	1	P1L0905	12/09/21 13:34	12/09/21 16:33	EPA 8021B	
Toluene	0.0189	0.00100	mg/L	1	P1L0905	12/09/21 13:34	12/09/21 16:33	EPA 8021B	
Ethylbenzene	0.239	0.00100	mg/L	1	P1L0905	12/09/21 13:34	12/09/21 16:33	EPA 8021B	
Xylene (p/m)	0.140	0.00200	mg/L	1	P1L0905	12/09/21 13:34	12/09/21 16:33	EPA 8021B	
Xylene (o)	0.0242	0.00100	mg/L	1	P1L0905	12/09/21 13:34	12/09/21 16:33	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	103 %	80-120			P1L0905	12/09/21 13:34	12/09/21 16:33	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	93.6 %	80-120			P1L0905	12/09/21 13:34	12/09/21 16:33	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.44	0.010	mg/L	100	P1L2207	12/10/21 13:30	12/20/21 20:38	8270C	SUB-13
2-Methylnaphthalene	0.049	0.0010	mg/L	10	P1L2207	12/10/21 13:30	12/20/21 20:18	8270C	SUB-13
Acenaphthene	0.041	0.0010	mg/L	10	P1L2207	12/10/21 13:30	12/20/21 20:18	8270C	SUB-13
Acenaphthylene	0.0084	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/22/21 13:29	8270C	SUB-13
Anthracene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/22/21 13:29	8270C	SUB-13
Benzo (a) anthracene	0.0077	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/22/21 13:29	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/22/21 13:29	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/22/21 13:29	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/22/21 13:29	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/22/21 13:29	8270C	SUB-13
Chrysene	0.0045	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/22/21 13:29	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/22/21 13:29	8270C	SUB-13
Dibenzofuran	0.040	0.0010	mg/L	10	P1L2207	12/10/21 13:30	12/20/21 20:18	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/22/21 13:29	8270C	SUB-13
Fluorene	0.051	0.0010	mg/L	10	P1L2207	12/10/21 13:30	12/22/21 13:29	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/22/21 13:29	8270C	SUB-13
Naphthalene	0.059	0.0010	mg/L	10	P1L2207	12/10/21 13:30	12/20/21 20:18	8270C	SUB-13
Phenanthrene	0.055	0.0010	mg/L	10	P1L2207	12/10/21 13:30	12/20/21 20:18	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/22/21 13:29	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: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

RW4
1L08006-19 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.431	0.00500	mg/L	5	P1L0905	12/09/21 13:34	12/09/21 16:55	EPA 8021B	
Toluene	0.0136	0.00500	mg/L	5	P1L0905	12/09/21 13:34	12/09/21 16:55	EPA 8021B	
Ethylbenzene	0.247	0.00500	mg/L	5	P1L0905	12/09/21 13:34	12/09/21 16:55	EPA 8021B	
Xylene (p/m)	0.157	0.0100	mg/L	5	P1L0905	12/09/21 13:34	12/09/21 16:55	EPA 8021B	
Xylene (o)	0.0234	0.00500	mg/L	5	P1L0905	12/09/21 13:34	12/09/21 16:55	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	109 %		80-120		P1L0905	12/09/21 13:34	12/09/21 16:55	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	97.3 %		80-120		P1L0905	12/09/21 13:34	12/09/21 16:55	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.058	0.0010	mg/L	10	P1L2207	12/10/21 13:30	12/20/21 20:58	8270C	SUB-13
2-Methylnaphthalene	0.0035	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 17:57	8270C	SUB-13
Acenaphthene	ND	0.0010	mg/L	10	P1L2207	12/10/21 13:30	12/20/21 20:58	8270C	SUB-13
Acenaphthylene	0.0021	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 17:57	8270C	SUB-13
Anthracene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 17:57	8270C	SUB-13
Benzo (a) anthracene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 17:57	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 17:57	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 17:57	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 17:57	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 17:57	8270C	SUB-13
Chrysene	0.0011	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 17:57	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 17:57	8270C	SUB-13
Dibenzofuran	0.0040	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 17:57	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 17:57	8270C	SUB-13
Fluorene	0.0081	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 17:57	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 17:57	8270C	SUB-13
Naphthalene	0.023	0.0010	mg/L	10	P1L2207	12/10/21 13:30	12/20/21 20:58	8270C	SUB-13
Phenanthrene	0.0051	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 17:57	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 17:57	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: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW4
1L08006-20 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	3.28	0.0100	mg/L	10	P1L0905	12/09/21 13:34	12/10/21 12:52	EPA 8021B	
Toluene	0.00835	0.00500	mg/L	5	P1L0905	12/09/21 13:34	12/09/21 17:16	EPA 8021B	
Ethylbenzene	0.0173	0.00500	mg/L	5	P1L0905	12/09/21 13:34	12/09/21 17:16	EPA 8021B	
Xylene (p/m)	0.0480	0.0100	mg/L	5	P1L0905	12/09/21 13:34	12/09/21 17:16	EPA 8021B	
Xylene (o)	0.0130	0.00500	mg/L	5	P1L0905	12/09/21 13:34	12/09/21 17:16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	95.5 %		80-120		P1L0905	12/09/21 13:34	12/09/21 17:16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.4 %		80-120		P1L0905	12/09/21 13:34	12/09/21 17:16	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.086	0.0010	mg/L	10	P1L2207	12/10/21 13:30	12/20/21 21:18	8270C	SUB-13
2-Methylnaphthalene	0.042	0.0010	mg/L	10	P1L2207	12/10/21 13:30	12/20/21 21:18	8270C	SUB-13
Acenaphthene	0.026	0.0010	mg/L	10	P1L2207	12/10/21 13:30	12/20/21 21:18	8270C	SUB-13
Acenaphthylene	0.0027	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 18:17	8270C	SUB-13
Anthracene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 18:17	8270C	SUB-13
Benzo (a) anthracene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 18:17	8270C	SUB-13
Benzo (a) pyrene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 18:17	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 18:17	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 18:17	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 18:17	8270C	SUB-13
Chrysene	0.0016	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 18:17	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 18:17	8270C	SUB-13
Dibenzofuran	0.0079	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 18:17	8270C	SUB-13
Fluoranthene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 18:17	8270C	SUB-13
Fluorene	0.026	0.0010	mg/L	10	P1L2207	12/10/21 13:30	12/20/21 20:58	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 18:17	8270C	SUB-13
Naphthalene	0.024	0.0010	mg/L	10	P1L2207	12/10/21 13:30	12/20/21 20:58	8270C	SUB-13
Phenanthrene	0.026	0.0010	mg/L	10	P1L2207	12/10/21 13:30	12/20/21 20:58	8270C	SUB-13
Pyrene	ND	0.00010	mg/L	1	P1L2207	12/10/21 13:30	12/20/21 18:17	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: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

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

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

Batch P1L0814 - * DEFAULT PREP *****

Blank (P1L0814-BLK1)

Prepared & Analyzed: 12/08/21

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		96.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.0	80-120			

LCS (P1L0814-BS1)

Prepared & Analyzed: 12/08/21

Benzene	0.104	0.00100	mg/L	0.100		104	80-120			
Toluene	0.101	0.00100	"	0.100		101	80-120			
Ethylbenzene	0.112	0.00100	"	0.100		112	80-120			
Xylene (p/m)	0.217	0.00200	"	0.200		109	80-120			
Xylene (o)	0.0964	0.00100	"	0.100		96.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		99.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.0	80-120			

LCS Dup (P1L0814-BSD1)

Prepared & Analyzed: 12/08/21

Benzene	0.107	0.00100	mg/L	0.100		107	80-120	2.76	20	
Toluene	0.104	0.00100	"	0.100		104	80-120	2.84	20	
Ethylbenzene	0.115	0.00100	"	0.100		115	80-120	3.02	20	
Xylene (p/m)	0.224	0.00200	"	0.200		112	80-120	2.91	20	
Xylene (o)	0.0985	0.00100	"	0.100		98.5	80-120	2.20	20	
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		98.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.4	80-120			

Calibration Blank (P1L0814-CCB1)

Prepared & Analyzed: 12/08/21

Benzene	0.120		mg/L							
Toluene	0.200		"							
Ethylbenzene	0.290		"							
Xylene (p/m)	0.560		"							
Xylene (o)	0.300		"							
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		96.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.2	80-120			

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: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

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

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

Batch P1L0814 - * DEFAULT PREP *****

Calibration Blank (P1L0814-CCB2)

Prepared: 12/08/21 Analyzed: 12/09/21

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.430		"							
Xylene (o)	0.240		"							
Surrogate: 4-Bromofluorobenzene	0.114		"	0.120		94.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.0	80-120			

Calibration Blank (P1L0814-CCB3)

Prepared: 12/08/21 Analyzed: 12/09/21

Benzene	0.130		mg/L							
Toluene	0.150		"							
Ethylbenzene	0.390		"							
Xylene (p/m)	0.830		"							
Xylene (o)	0.380		"							
Surrogate: 4-Bromofluorobenzene	0.114		"	0.120		95.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.1	80-120			

Calibration Check (P1L0814-CCV1)

Prepared & Analyzed: 12/08/21

Benzene	0.0986	0.00100	mg/L	0.100		98.6	80-120			
Toluene	0.0943	0.00100	"	0.100		94.3	80-120			
Ethylbenzene	0.0959	0.00100	"	0.100		95.9	80-120			
Xylene (p/m)	0.201	0.00200	"	0.200		101	80-120			
Xylene (o)	0.0901	0.00100	"	0.100		90.1	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.5	80-120			

Calibration Check (P1L0814-CCV2)

Prepared: 12/08/21 Analyzed: 12/09/21

Benzene	0.103	0.00100	mg/L	0.100		103	80-120			
Toluene	0.0995	0.00100	"	0.100		99.5	80-120			
Ethylbenzene	0.101	0.00100	"	0.100		101	80-120			
Xylene (p/m)	0.211	0.00200	"	0.200		105	80-120			
Xylene (o)	0.0946	0.00100	"	0.100		94.6	80-120			
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.4	80-120			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

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

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

Batch P1L0814 - * DEFAULT PREP *****

Calibration Check (P1L0814-CCV3)

Prepared: 12/08/21 Analyzed: 12/09/21

Benzene	0.102	0.00100	mg/L	0.100		102	80-120			
Toluene	0.0976	0.00100	"	0.100		97.6	80-120			
Ethylbenzene	0.0985	0.00100	"	0.100		98.5	80-120			
Xylene (p/m)	0.206	0.00200	"	0.200		103	80-120			
Xylene (o)	0.0939	0.00100	"	0.100		93.9	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.1	80-120			

Matrix Spike (P1L0814-MS1)

Source: 1L08003-04

Prepared: 12/08/21 Analyzed: 12/09/21

Benzene	0.111	0.00100	mg/L	0.100	0.00612	105	80-120			
Toluene	0.103	0.00100	"	0.100	0.000860	102	80-120			
Ethylbenzene	0.111	0.00100	"	0.100	ND	111	80-120			
Xylene (p/m)	0.215	0.00200	"	0.200	ND	108	80-120			
Xylene (o)	0.0952	0.00100	"	0.100	ND	95.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.7	80-120			

Matrix Spike Dup (P1L0814-MSD1)

Source: 1L08003-04

Prepared: 12/08/21 Analyzed: 12/09/21

Benzene	0.103	0.00100	mg/L	0.100	0.00612	97.3	80-120	7.90	20	
Toluene	0.0963	0.00100	"	0.100	0.000860	95.4	80-120	6.79	20	
Ethylbenzene	0.104	0.00100	"	0.100	ND	104	80-120	7.00	20	
Xylene (p/m)	0.201	0.00200	"	0.200	ND	101	80-120	6.84	20	
Xylene (o)	0.0886	0.00100	"	0.100	ND	88.6	80-120	7.15	20	
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		96.0	80-120			

Batch P1L0905 - * DEFAULT PREP *****

Blank (P1L0905-BLK1)

Prepared & Analyzed: 12/09/21

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		95.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		97.1	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: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

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

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

Batch P1L0905 - * DEFAULT PREP *****

LCS (P1L0905-BS1)

Prepared & Analyzed: 12/09/21

Benzene	0.108	0.00100	mg/L	0.100		108	80-120			
Toluene	0.104	0.00100	"	0.100		104	80-120			
Ethylbenzene	0.118	0.00100	"	0.100		118	80-120			
Xylene (p/m)	0.228	0.00200	"	0.200		114	80-120			
Xylene (o)	0.101	0.00100	"	0.100		101	80-120			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		100	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.3	80-120			

LCS Dup (P1L0905-BS1)

Prepared & Analyzed: 12/09/21

Benzene	0.111	0.00100	mg/L	0.100		111	80-120	2.76	20	
Toluene	0.108	0.00100	"	0.100		108	80-120	3.50	20	
Ethylbenzene	0.120	0.00100	"	0.100		120	80-120	2.00	20	
Xylene (p/m)	0.234	0.00200	"	0.200		117	80-120	2.49	20	
Xylene (o)	0.102	0.00100	"	0.100		102	80-120	1.73	20	
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		96.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.2	80-120			

Calibration Blank (P1L0905-CCB1)

Prepared & Analyzed: 12/09/21

Benzene	0.270		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.240		"							
Xylene (p/m)	0.580		"							
Xylene (o)	0.270		"							
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.0	80-120			

Calibration Blank (P1L0905-CCB2)

Prepared & Analyzed: 12/09/21

Benzene	0.160		mg/L							
Toluene	0.150		"							
Ethylbenzene	0.290		"							
Xylene (p/m)	0.530		"							
Xylene (o)	0.340		"							
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		93.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		97.9	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: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

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

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

Batch P1L0905 - * DEFAULT PREP *****

Calibration Blank (P1L0905-CCB3)

Prepared: 12/09/21 Analyzed: 12/10/21

Benzene	0.00		mg/L							
Toluene	0.240		"							
Ethylbenzene	0.410		"							
Xylene (p/m)	0.890		"							
Xylene (o)	0.450		"							
Surrogate: 4-Bromofluorobenzene	0.114		"	0.120		95.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.2	80-120			

Calibration Check (P1L0905-CCV1)

Prepared & Analyzed: 12/09/21

Benzene	0.104	0.00100	mg/L	0.100		104	80-120			
Toluene	0.0998	0.00100	"	0.100		99.8	80-120			
Ethylbenzene	0.103	0.00100	"	0.100		103	80-120			
Xylene (p/m)	0.215	0.00200	"	0.200		107	80-120			
Xylene (o)	0.0946	0.00100	"	0.100		94.6	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		98.8	80-120			

Calibration Check (P1L0905-CCV2)

Prepared & Analyzed: 12/09/21

Benzene	0.100	0.00100	mg/L	0.100		100	80-120			
Toluene	0.0958	0.00100	"	0.100		95.8	80-120			
Ethylbenzene	0.0959	0.00100	"	0.100		95.9	80-120			
Xylene (p/m)	0.199	0.00200	"	0.200		99.7	80-120			
Xylene (o)	0.0894	0.00100	"	0.100		89.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.5	80-120			

Calibration Check (P1L0905-CCV3)

Prepared: 12/09/21 Analyzed: 12/10/21

Benzene	0.106	0.00100	mg/L	0.100		106	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.102	0.00100	"	0.100		102	80-120			
Xylene (p/m)	0.210	0.00200	"	0.200		105	80-120			
Xylene (o)	0.0968	0.00100	"	0.100		96.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.114		"	0.120		95.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.1	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: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

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

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

Batch P1L0905 - * DEFAULT PREP *****

Matrix Spike (P1L0905-MS1)		Source: 1L08006-18		Prepared: 12/09/21 Analyzed: 12/10/21						
Benzene	0.284	0.00100	mg/L	0.100	0.231	53.4	80-120			QM-07
Toluene	0.0853	0.00100	"	0.100	0.0189	66.4	80-120			QM-07
Ethylbenzene	0.238	0.00100	"	0.100	0.239	NR	80-120			QM-07
Xylene (p/m)	0.200	0.00200	"	0.200	0.140	29.8	80-120			QM-07
Xylene (o)	0.0648	0.00100	"	0.100	0.0242	40.7	80-120			QM-07
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		93.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.107		"	0.120		89.1	80-120			

Matrix Spike Dup (P1L0905-MSD1)		Source: 1L08006-18		Prepared: 12/09/21 Analyzed: 12/10/21						
Benzene	0.301	0.00100	mg/L	0.100	0.231	70.5	80-120	27.5	20	QM-07
Toluene	0.0895	0.00100	"	0.100	0.0189	70.6	80-120	6.15	20	QM-07
Ethylbenzene	0.257	0.00100	"	0.100	0.239	18.0	80-120	NR	20	QM-07
Xylene (p/m)	0.214	0.00200	"	0.200	0.140	36.9	80-120	21.5	20	QM-07
Xylene (o)	0.0690	0.00100	"	0.100	0.0242	44.8	80-120	9.69	20	QM-07
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		93.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.107		"	0.120		89.0	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: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

Notes and Definitions

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

ROI Received on Ice

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

pH1 The Regulatory Holding time for pH is < 1 Hour, Analysis should be done in the field.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

12/30/2021

Brent Barron, Laboratory Director/Technical Director

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

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

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

L:

CH:

W:

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

Phone: 432-686-7235

Project Manager:

Company Name:

Company Address:

City/State/Zip:

Telephone No:

Sampler Signature:

(lab use only)

ORDER #: 1108006

 Curt Stahly
 TRC

10 Dosta Dr

Midland TX 79705

432) 520-7720

Fax No:

e-mail:

Project Name:

Project #:

Project Loc:

PO #:

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

Analyze For:

Preservation & # of Containers

Matrix

TCLP:

TOTAL:

LAB # (lab use only)

FIELD CODE

Beginning Depth

Ending Depth

Date Sampled

Time Sampled

Field Filtered

Total #. of Containers

Ice

HNO₃

HCl

H₂SO₄

NaOH

Na₂S₂O₃

None

Other (Specify)

DW=Drinking Water SL=Sludge

GW = Groundwater S=Soil/Solid

NP=Non-Potable Specify Other

TPH: TX 1005 TX 1006

Anions (Cl, SO₄, Alkalinity)

BTEX 802/95030 or BTEX 8260

RUSH TAT (Pre-Schedule) 24, 48, 72 h

Standard TAT

Special Instructions:

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by PBEL:

Date

Time

Laboratory Comments:

Sample Containers Intact?

VOCs Free of Headspace?

Labels on container(s)

Custody seals on container(s)

Sample Hand Delivered by Sampler/Client Rep. ?

Temperature Upon Receipt: 2.2 °CAdjusted: 3.2 °C Factor: 1

PBEL_COC_2021_1

Revision #: 2021_1

Effective Date: 9-21-21

Page ___ of ___

PBBI LAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

L: _____ CH: _____ W: _____
 Permian Basin Environmental Lab, LP
 1400 Rankin HWY
 Midland, Texas 79701

Project Manager:

Company Name:

Company Address:

City/State/Zip:

Telephone No:

Sampler Signature:

(lab use only)

e-mail:

ORDER #: 108006

Project Name:

Project #:

Project Loc:

PO #:

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

Analyze For:

Preservation & # of Containers

Matrix

TOTAL:

LAB # (lab use only)

FIELD CODE

Beginning Depth

Ending Depth

Date Sampled

Time Sampled

Field Filtered

Total #. of Containers

Ice

HNO₃

HCl

H₂SO₄

NaOH

Na₂S₂O₃

None

Other (Specify)

DW=Drinking Water SL=Sludge

GW = Groundwater S=Soil/Solid

NP=Non-Potable Specify Other

TPH: TX 1005 TX 1006

Anions (Cl, SO₄, Alkalinity)

BTEX 8021/5030 or BTEX 8260

PAH

RUSH TAT (Pre-Schedule) 24, 48, 72 h

Standard TAT

Special Instructions:

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Laboratory Comments:

Sample Containers Intact?

VOCs Free of Headspace?

Labels on container(s)

Custody seals on container(s)

Sample Hand Delivered

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt: 2.2 °C Thermometer: 42

PBEL_COC_2021_1

Revision #: 2021_1

Effective Date: 9-21-21

Page 1 of 1



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

Sample Receipt Checklist

Yes	Notes
✓	One individual present?
✓	Chain of custody signed/dated/time when relinquished and received?
✓	Chain of custody present on site for all samples?
✓	Samplers name present on COC?
✓	Chain of custody present on sealed bottles?
✓	Sample containers intact?
X	Are any seals intact on sample bottles?
✓	Samples in proper container/bottle?
✓	Seals and containers intact for individual bottles?
✓	All samples received within holding time?
✓	Samples in proper container/bottle for all samples?
✓	Analysis requested for all samples submitted?
✓	Supplies (refrigerator/cooler, bagged, sealed, etc.)
	Custody seals intact on shipping container/cooler?

Login Notes:

A Hel VOA
Amber VOA

1208006

PBEL_SAMPLE_CHECKLIST_2021_1

Page 1 of 2



DOC #: PBEL_SAMPLE_CHECKLIST
REVISION #: PBEL_2021__1
REVISION Date: 10/30/2021
EFFECTIVE DATE: 10/30/2021

SAMPLE VARIANCE/NON-CONFORMANCE

Variance/Discrepancy:
Resolution:
Client Contacted Name: Date/Time: NC Initiated by: Approved by:

PBEL_SAMPLE_CHECKLIST_2021_1

Page 2 of 2



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

December 22, 2021

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

Work Order: **HS21120551**

Laboratory Results for: **1L08006**

Dear Brent Barron,

ALS Environmental received 7 sample(s) on Dec 09, 2021 for the analysis presented in the following report.

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

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

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

Sincerely,

A handwritten signature in cursive script, reading "Bernadette Fini".

Generated By: JUMOKE.LAWAL
Bernadette A. Fini
Project Manager

ALS Houston, US

Date: 22-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L08006
Work Order: HS21120551

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS21120551-01	1L08006-14	Water		06-Dec-2021 16:53	09-Dec-2021 10:10	☐
HS21120551-02	1L08006-15	Water		06-Dec-2021 17:05	09-Dec-2021 10:10	☐
HS21120551-03	1L08006-16	Water		06-Dec-2021 17:20	09-Dec-2021 10:10	☐
HS21120551-04	1L08006-17	Water		06-Dec-2021 17:40	09-Dec-2021 10:10	☐
HS21120551-05	1L08006-18	Water		06-Dec-2021 17:51	09-Dec-2021 10:10	☐
HS21120551-06	1L08006-19	Water		06-Dec-2021 18:03	09-Dec-2021 10:10	☐
HS21120551-07	1L08006-20	Water		06-Dec-2021 18:25	09-Dec-2021 10:10	☐

ALS Houston, US

Date: 22-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L08006
Work Order: HS21120551

CASE NARRATIVE

GCMS Semivolatiles by Method SW8270

Batch ID: 173392

Sample ID: 1L08006-18 (HS21120551-05)

- The surrogate recoveries could not be determined due to dilution below the calibration range.

Sample ID: LCSD-173392

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

ALS Houston, US

Date: 22-Dec-21

Client: Permian Basin Environmental Lab, LP
 Project: 1L08006
 Sample ID: 1L08006-14
 Collection Date: 06-Dec-2021 16:53

ANALYTICAL REPORT

WorkOrder:HS21120551
 Lab ID:HS21120551-01
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 10-Dec-2021		Analyst: GEY
1-Methylnaphthalene	6.46	n	0.102	ug/L	1	20-Dec-2021 16:16
2-Methylnaphthalene	ND		0.102	ug/L	1	20-Dec-2021 16:16
Acenaphthene	6.88		0.102	ug/L	1	20-Dec-2021 16:16
Acenaphthylene	ND		0.102	ug/L	1	20-Dec-2021 16:16
Anthracene	ND		0.102	ug/L	1	20-Dec-2021 16:16
Benz(a)anthracene	1.34		0.102	ug/L	1	20-Dec-2021 16:16
Benzo(a)pyrene	ND		0.102	ug/L	1	20-Dec-2021 16:16
Benzo(b)fluoranthene	ND		0.102	ug/L	1	20-Dec-2021 16:16
Benzo(g,h,i)perylene	0.778		0.102	ug/L	1	20-Dec-2021 16:16
Benzo(k)fluoranthene	ND		0.102	ug/L	1	20-Dec-2021 16:16
Chrysene	ND		0.102	ug/L	1	20-Dec-2021 16:16
Dibenz(a,h)anthracene	0.493		0.102	ug/L	1	20-Dec-2021 16:16
Dibenzofuran	2.62		0.102	ug/L	1	20-Dec-2021 16:16
Fluoranthene	ND		0.102	ug/L	1	20-Dec-2021 16:16
Fluorene	2.16		0.102	ug/L	1	20-Dec-2021 16:16
Indeno(1,2,3-cd)pyrene	0.822		0.102	ug/L	1	20-Dec-2021 16:16
Naphthalene	ND		0.102	ug/L	1	20-Dec-2021 16:16
Phenanthrene	ND		0.102	ug/L	1	20-Dec-2021 16:16
Pyrene	ND		0.102	ug/L	1	20-Dec-2021 16:16
Surr: 2-Fluorobiphenyl	128		32-130	%REC	1	20-Dec-2021 16:16
Surr: 4-Terphenyl-d14	128		40-135	%REC	1	20-Dec-2021 16:16
Surr: Nitrobenzene-d5	63.4		45-142	%REC	1	20-Dec-2021 16:16

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

ALS Houston, US

Date: 22-Dec-21

Client: Permian Basin Environmental Lab, LP
 Project: 1L08006
 Sample ID: 1L08006-15
 Collection Date: 06-Dec-2021 17:05

ANALYTICAL REPORT

WorkOrder:HS21120551
 Lab ID:HS21120551-02
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 10-Dec-2021		Analyst: GEY
1-Methylnaphthalene	4.62	n	0.100	ug/L	1	20-Dec-2021 16:36
2-Methylnaphthalene	ND		0.100	ug/L	1	20-Dec-2021 16:36
Acenaphthene	1.88		0.100	ug/L	1	20-Dec-2021 16:36
Acenaphthylene	ND		0.100	ug/L	1	20-Dec-2021 16:36
Anthracene	ND		0.100	ug/L	1	20-Dec-2021 16:36
Benz(a)anthracene	0.601		0.100	ug/L	1	20-Dec-2021 16:36
Benzo(a)pyrene	ND		0.100	ug/L	1	20-Dec-2021 16:36
Benzo(b)fluoranthene	ND		0.100	ug/L	1	20-Dec-2021 16:36
Benzo(g,h,i)perylene	ND		0.100	ug/L	1	20-Dec-2021 16:36
Benzo(k)fluoranthene	ND		0.100	ug/L	1	20-Dec-2021 16:36
Chrysene	ND		0.100	ug/L	1	20-Dec-2021 16:36
Dibenz(a,h)anthracene	ND		0.100	ug/L	1	20-Dec-2021 16:36
Dibenzofuran	1.15		0.100	ug/L	1	20-Dec-2021 16:36
Fluoranthene	ND		0.100	ug/L	1	20-Dec-2021 16:36
Fluorene	1.17		0.100	ug/L	1	20-Dec-2021 16:36
Indeno(1,2,3-cd)pyrene	ND		0.100	ug/L	1	20-Dec-2021 16:36
Naphthalene	ND		0.100	ug/L	1	20-Dec-2021 16:36
Phenanthrene	ND		0.100	ug/L	1	20-Dec-2021 16:36
Pyrene	ND		0.100	ug/L	1	20-Dec-2021 16:36
Surr: 2-Fluorobiphenyl	82.4		32-130	%REC	1	20-Dec-2021 16:36
Surr: 4-Terphenyl-d14	88.9		40-135	%REC	1	20-Dec-2021 16:36
Surr: Nitrobenzene-d5	87.0		45-142	%REC	1	20-Dec-2021 16:36

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

ALS Houston, US

Date: 22-Dec-21

Client: Permian Basin Environmental Lab, LP
 Project: 1L08006
 Sample ID: 1L08006-16
 Collection Date: 06-Dec-2021 17:20

ANALYTICAL REPORT

WorkOrder:HS21120551
 Lab ID:HS21120551-03
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270			Prep:SW3511 / 10-Dec-2021	Analyst: GEY
1-Methylnaphthalene	13.8	n	1.02	ug/L	10	20-Dec-2021 19:37
2-Methylnaphthalene	1.08		0.102	ug/L	1	20-Dec-2021 16:56
Acenaphthene	6.37		0.102	ug/L	1	20-Dec-2021 16:56
Acenaphthylene	1.95		0.102	ug/L	1	20-Dec-2021 16:56
Anthracene	ND		0.102	ug/L	1	20-Dec-2021 16:56
Benz(a)anthracene	ND		0.102	ug/L	1	20-Dec-2021 16:56
Benzo(a)pyrene	ND		0.102	ug/L	1	20-Dec-2021 16:56
Benzo(b)fluoranthene	ND		0.102	ug/L	1	20-Dec-2021 16:56
Benzo(g,h,i)perylene	ND		0.102	ug/L	1	20-Dec-2021 16:56
Benzo(k)fluoranthene	ND		0.102	ug/L	1	20-Dec-2021 16:56
Chrysene	1.16		0.102	ug/L	1	20-Dec-2021 16:56
Dibenz(a,h)anthracene	ND		0.102	ug/L	1	20-Dec-2021 16:56
Dibenzofuran	4.44		0.102	ug/L	1	20-Dec-2021 16:56
Fluoranthene	ND		0.102	ug/L	1	20-Dec-2021 16:56
Fluorene	5.56		0.102	ug/L	1	20-Dec-2021 16:56
Indeno(1,2,3-cd)pyrene	ND		0.102	ug/L	1	20-Dec-2021 16:56
Naphthalene	1.92		0.102	ug/L	1	20-Dec-2021 16:56
Phenanthrene	2.61		0.102	ug/L	1	20-Dec-2021 16:56
Pyrene	0.771		0.102	ug/L	1	20-Dec-2021 16:56
Surr: 2-Fluorobiphenyl	55.9		32-130	%REC	10	20-Dec-2021 19:37
Surr: 2-Fluorobiphenyl	77.1		32-130	%REC	1	20-Dec-2021 16:56
Surr: 4-Terphenyl-d14	78.4		40-135	%REC	1	20-Dec-2021 16:56
Surr: 4-Terphenyl-d14	74.8		40-135	%REC	10	20-Dec-2021 19:37
Surr: Nitrobenzene-d5	61.8		45-142	%REC	1	20-Dec-2021 16:56
Surr: Nitrobenzene-d5	115		45-142	%REC	10	20-Dec-2021 19:37

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

ALS Houston, US

Date: 22-Dec-21

Client: Permian Basin Environmental Lab, LP
 Project: 1L08006
 Sample ID: 1L08006-17
 Collection Date: 06-Dec-2021 17:40

ANALYTICAL REPORT

WorkOrder: HS21120551
 Lab ID: HS21120551-04
 Matrix: Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method: SW8270		Prep: SW3511 / 10-Dec-2021		Analyst: GEY
1-Methylnaphthalene	15.6	n	1.02	ug/L	10	20-Dec-2021 19:58
2-Methylnaphthalene	2.01		0.102	ug/L	1	20-Dec-2021 17:16
Acenaphthene	4.03		0.102	ug/L	1	20-Dec-2021 17:16
Acenaphthylene	1.13		0.102	ug/L	1	20-Dec-2021 17:16
Anthracene	ND		0.102	ug/L	1	20-Dec-2021 17:16
Benz(a)anthracene	ND		0.102	ug/L	1	20-Dec-2021 17:16
Benzo(a)pyrene	ND		0.102	ug/L	1	20-Dec-2021 17:16
Benzo(b)fluoranthene	ND		0.102	ug/L	1	20-Dec-2021 17:16
Benzo(g,h,i)perylene	ND		0.102	ug/L	1	20-Dec-2021 17:16
Benzo(k)fluoranthene	ND		0.102	ug/L	1	20-Dec-2021 17:16
Chrysene	0.452		0.102	ug/L	1	20-Dec-2021 17:16
Dibenz(a,h)anthracene	ND		0.102	ug/L	1	20-Dec-2021 17:16
Dibenzofuran	3.61		0.102	ug/L	1	20-Dec-2021 17:16
Fluoranthene	ND		0.102	ug/L	1	20-Dec-2021 17:16
Fluorene	2.51		0.102	ug/L	1	20-Dec-2021 17:16
Indeno(1,2,3-cd)pyrene	ND		0.102	ug/L	1	20-Dec-2021 17:16
Naphthalene	4.92		0.102	ug/L	1	20-Dec-2021 17:16
Phenanthrene	1.89		0.102	ug/L	1	20-Dec-2021 17:16
Pyrene	ND		0.102	ug/L	1	20-Dec-2021 17:16
Surr: 2-Fluorobiphenyl	75.1		32-130	%REC	1	20-Dec-2021 17:16
Surr: 2-Fluorobiphenyl	52.4		32-130	%REC	10	20-Dec-2021 19:58
Surr: 4-Terphenyl-d14	105		40-135	%REC	10	20-Dec-2021 19:58
Surr: 4-Terphenyl-d14	86.3		40-135	%REC	1	20-Dec-2021 17:16
Surr: Nitrobenzene-d5	107		45-142	%REC	10	20-Dec-2021 19:58
Surr: Nitrobenzene-d5	110		45-142	%REC	1	20-Dec-2021 17:16

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

ALS Houston, US

Date: 22-Dec-21

Client: Permian Basin Environmental Lab, LP
 Project: 1L08006
 Sample ID: 1L08006-18
 Collection Date: 06-Dec-2021 17:51

ANALYTICAL REPORT

WorkOrder:HS21120551
 Lab ID:HS21120551-05
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 10-Dec-2021		Analyst: GEY
1-Methylnaphthalene	437	n	10.3	ug/L	100	20-Dec-2021 20:38
2-Methylnaphthalene	49.2		1.03	ug/L	10	20-Dec-2021 20:18
Acenaphthene	40.7		1.03	ug/L	10	20-Dec-2021 20:18
Acenaphthylene	8.41		0.103	ug/L	1	20-Dec-2021 17:37
Anthracene	ND		0.103	ug/L	1	20-Dec-2021 17:37
Benz(a)anthracene	7.72		0.103	ug/L	1	20-Dec-2021 17:37
Benzo(a)pyrene	ND		0.103	ug/L	1	20-Dec-2021 17:37
Benzo(b)fluoranthene	ND		0.103	ug/L	1	20-Dec-2021 17:37
Benzo(g,h,i)perylene	ND		0.103	ug/L	1	20-Dec-2021 17:37
Benzo(k)fluoranthene	ND		0.103	ug/L	1	20-Dec-2021 17:37
Chrysene	4.54		0.103	ug/L	1	20-Dec-2021 17:37
Dibenz(a,h)anthracene	ND		0.103	ug/L	1	20-Dec-2021 17:37
Dibenzofuran	39.9		1.03	ug/L	10	20-Dec-2021 20:18
Fluoranthene	ND		0.103	ug/L	1	20-Dec-2021 17:37
Fluorene	51.0		1.03	ug/L	10	20-Dec-2021 20:18
Indeno(1,2,3-cd)pyrene	ND		0.103	ug/L	1	20-Dec-2021 17:37
Naphthalene	58.5		1.03	ug/L	10	20-Dec-2021 20:18
Phenanthrene	54.5		1.03	ug/L	10	20-Dec-2021 20:18
Pyrene	ND		0.103	ug/L	1	20-Dec-2021 17:37
Surr: 2-Fluorobiphenyl	42.6		32-130	%REC	1	20-Dec-2021 17:37
Surr: 2-Fluorobiphenyl	51.3		32-130	%REC	10	20-Dec-2021 20:18
Surr: 2-Fluorobiphenyl	0	JS	32-130	%REC	100	20-Dec-2021 20:38
Surr: 4-Terphenyl-d14	69.8		40-135	%REC	10	20-Dec-2021 20:18
Surr: 4-Terphenyl-d14	0	JS	40-135	%REC	100	20-Dec-2021 20:38
Surr: 4-Terphenyl-d14	66.7		40-135	%REC	1	20-Dec-2021 17:37
Surr: Nitrobenzene-d5	81.9		45-142	%REC	10	20-Dec-2021 20:18
Surr: Nitrobenzene-d5	0	JS	45-142	%REC	100	20-Dec-2021 20:38
Surr: Nitrobenzene-d5	79.4		45-142	%REC	1	20-Dec-2021 17:37

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

ALS Houston, US

Date: 22-Dec-21

Client: Permian Basin Environmental Lab, LP
 Project: 1L08006
 Sample ID: 1L08006-19
 Collection Date: 06-Dec-2021 18:03

ANALYTICAL REPORT

WorkOrder:HS21120551
 Lab ID:HS21120551-06
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 10-Dec-2021		Analyst: GEY
1-Methylnaphthalene	57.9	n	1.02	ug/L	10	20-Dec-2021 20:58
2-Methylnaphthalene	3.45		0.102	ug/L	1	20-Dec-2021 17:57
Acenaphthene	ND		1.02	ug/L	10	20-Dec-2021 20:58
Acenaphthylene	2.09		0.102	ug/L	1	20-Dec-2021 17:57
Anthracene	ND		0.102	ug/L	1	20-Dec-2021 17:57
Benz(a)anthracene	ND		0.102	ug/L	1	20-Dec-2021 17:57
Benzo(a)pyrene	ND		0.102	ug/L	1	20-Dec-2021 17:57
Benzo(b)fluoranthene	ND		0.102	ug/L	1	20-Dec-2021 17:57
Benzo(g,h,i)perylene	ND		0.102	ug/L	1	20-Dec-2021 17:57
Benzo(k)fluoranthene	ND		0.102	ug/L	1	20-Dec-2021 17:57
Chrysene	1.09		0.102	ug/L	1	20-Dec-2021 17:57
Dibenz(a,h)anthracene	ND		0.102	ug/L	1	20-Dec-2021 17:57
Dibenzofuran	3.96		0.102	ug/L	1	20-Dec-2021 17:57
Fluoranthene	ND		0.102	ug/L	1	20-Dec-2021 17:57
Fluorene	8.13		0.102	ug/L	1	20-Dec-2021 17:57
Indeno(1,2,3-cd)pyrene	ND		0.102	ug/L	1	20-Dec-2021 17:57
Naphthalene	22.8		1.02	ug/L	10	20-Dec-2021 20:58
Phenanthrene	5.10		0.102	ug/L	1	20-Dec-2021 17:57
Pyrene	ND		0.102	ug/L	1	20-Dec-2021 17:57
Surr: 2-Fluorobiphenyl	87.4		32-130	%REC	1	20-Dec-2021 17:57
Surr: 2-Fluorobiphenyl	92.1		32-130	%REC	10	20-Dec-2021 20:58
Surr: 4-Terphenyl-d14	92.1		40-135	%REC	10	20-Dec-2021 20:58
Surr: 4-Terphenyl-d14	131		40-135	%REC	1	20-Dec-2021 17:57
Surr: Nitrobenzene-d5	70.2		45-142	%REC	1	20-Dec-2021 17:57
Surr: Nitrobenzene-d5	91.1		45-142	%REC	10	20-Dec-2021 20:58

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

ALS Houston, US

Date: 22-Dec-21

Client: Permian Basin Environmental Lab, LP
 Project: 1L08006
 Sample ID: 1L08006-20
 Collection Date: 06-Dec-2021 18:25

ANALYTICAL REPORT

WorkOrder:HS21120551
 Lab ID:HS21120551-07
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270			Prep:SW3511 / 10-Dec-2021	Analyst: GEY
1-Methylnaphthalene	85.6	n	1.00	ug/L	10	20-Dec-2021 21:18
2-Methylnaphthalene	42.2		1.00	ug/L	10	20-Dec-2021 21:18
Acenaphthene	25.5		1.00	ug/L	10	20-Dec-2021 21:18
Acenaphthylene	2.70		0.100	ug/L	1	20-Dec-2021 18:17
Anthracene	ND		0.100	ug/L	1	20-Dec-2021 18:17
Benz(a)anthracene	ND		0.100	ug/L	1	20-Dec-2021 18:17
Benzo(a)pyrene	ND		0.100	ug/L	1	20-Dec-2021 18:17
Benzo(b)fluoranthene	ND		0.100	ug/L	1	20-Dec-2021 18:17
Benzo(g,h,i)perylene	ND		0.100	ug/L	1	20-Dec-2021 18:17
Benzo(k)fluoranthene	ND		0.100	ug/L	1	20-Dec-2021 18:17
Chrysene	1.63		0.100	ug/L	1	20-Dec-2021 18:17
Dibenz(a,h)anthracene	ND		0.100	ug/L	1	20-Dec-2021 18:17
Dibenzofuran	7.90		0.100	ug/L	1	20-Dec-2021 18:17
Fluoranthene	ND		0.100	ug/L	1	20-Dec-2021 18:17
Fluorene	25.8		1.00	ug/L	10	20-Dec-2021 21:18
Indeno(1,2,3-cd)pyrene	ND		0.100	ug/L	1	20-Dec-2021 18:17
Naphthalene	23.8		1.00	ug/L	10	20-Dec-2021 21:18
Phenanthrene	26.3		1.00	ug/L	10	20-Dec-2021 21:18
Pyrene	ND		0.100	ug/L	1	20-Dec-2021 18:17
Surr: 2-Fluorobiphenyl	40.3		32-130	%REC	1	20-Dec-2021 18:17
Surr: 2-Fluorobiphenyl	119		32-130	%REC	10	20-Dec-2021 21:18
Surr: 4-Terphenyl-d14	102		40-135	%REC	10	20-Dec-2021 21:18
Surr: 4-Terphenyl-d14	45.8		40-135	%REC	1	20-Dec-2021 18:17
Surr: Nitrobenzene-d5	104		45-142	%REC	1	20-Dec-2021 18:17
Surr: Nitrobenzene-d5	45.7		45-142	%REC	10	20-Dec-2021 21:18

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

Weight / Prep Log

Client: Permian Basin Environmental Lab, LP
Project: 1L08006
WorkOrder: HS21120551

Batch ID: 173392	Start Date: 10 Dec 2021 09:44	End Date: 10 Dec 2021 13:30
Method: SW3511	Prep Code: 3511_PAH	

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS21120551-01	1	32.51 (mL)	2 (mL)	0.06152	40 mL Amber
HS21120551-02	1	32.92 (mL)	2 (mL)	0.06075	40 mL Amber
HS21120551-03	1	32.25 (mL)	2 (mL)	0.06202	40 mL Amber
HS21120551-04	1	32.49 (mL)	2 (mL)	0.06156	40 mL Amber
HS21120551-05	1	32.18 (mL)	2 (mL)	0.06215	40 mL Amber
HS21120551-06	1	32.25 (mL)	2 (mL)	0.06202	40 mL Amber
HS21120551-07	1	32.88 (mL)	2 (mL)	0.06083	40 mL Amber

ALS Houston, US

Date: 22-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L08006
WorkOrder: HS21120551

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 173392 (0)		Test Name : LOW-LEVEL PAHS - 8270D			Matrix: Water	
HS21120551-01	1L08006-14	06 Dec 2021 16:53		10 Dec 2021 09:44	20 Dec 2021 16:16	1
HS21120551-02	1L08006-15	06 Dec 2021 17:05		10 Dec 2021 09:44	20 Dec 2021 16:36	1
HS21120551-03	1L08006-16	06 Dec 2021 17:20		10 Dec 2021 09:44	20 Dec 2021 19:37	10
HS21120551-03	1L08006-16	06 Dec 2021 17:20		10 Dec 2021 09:44	20 Dec 2021 16:56	1
HS21120551-04	1L08006-17	06 Dec 2021 17:40		10 Dec 2021 09:44	20 Dec 2021 19:58	10
HS21120551-04	1L08006-17	06 Dec 2021 17:40		10 Dec 2021 09:44	20 Dec 2021 17:16	1
HS21120551-05	1L08006-18	06 Dec 2021 17:51		10 Dec 2021 09:44	20 Dec 2021 20:38	100
HS21120551-05	1L08006-18	06 Dec 2021 17:51		10 Dec 2021 09:44	20 Dec 2021 20:18	10
HS21120551-05	1L08006-18	06 Dec 2021 17:51		10 Dec 2021 09:44	20 Dec 2021 17:37	1
HS21120551-06	1L08006-19	06 Dec 2021 18:03		10 Dec 2021 09:44	20 Dec 2021 20:58	10
HS21120551-06	1L08006-19	06 Dec 2021 18:03		10 Dec 2021 09:44	20 Dec 2021 17:57	1
HS21120551-07	1L08006-20	06 Dec 2021 18:25		10 Dec 2021 09:44	20 Dec 2021 21:18	10
HS21120551-07	1L08006-20	06 Dec 2021 18:25		10 Dec 2021 09:44	20 Dec 2021 18:17	1

ALS Houston, US

Date: 22-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L08006
WorkOrder: HS21120551

QC BATCH REPORT

Batch ID: 173392 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D						
MBLK	Sample ID: MBLK-173392	Units: ug/L		Analysis Date: 20-Dec-2021 15:16						
Client ID:	Run ID: SV-6_398028	SeqNo: 6431147		PrepDate: 10-Dec-2021		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	ND	0.100								
2-Methylnaphthalene	ND	0.100								
Acenaphthene	ND	0.100								
Acenaphthylene	ND	0.100								
Anthracene	ND	0.100								
Benz(a)anthracene	ND	0.100								
Benzo(a)pyrene	ND	0.100								
Benzo(b)fluoranthene	ND	0.100								
Benzo(g,h,i)perylene	ND	0.100								
Benzo(k)fluoranthene	ND	0.100								
Chrysene	ND	0.100								
Dibenz(a,h)anthracene	ND	0.100								
Dibenzofuran	ND	0.100								
Fluoranthene	ND	0.100								
Fluorene	ND	0.100								
Indeno(1,2,3-cd)pyrene	ND	0.100								
Naphthalene	ND	0.100								
Phenanthrene	ND	0.100								
Pyrene	ND	0.100								
Surr: 2-Fluorobiphenyl	1.267	0.100	3.03	0	41.8	32 - 130				
Surr: 4-Terphenyl-d14	2.021	0.100	3.03	0	66.7	40 - 135				
Surr: Nitrobenzene-d5	3.696	0.100	3.03	0	122	45 - 142				

ALS Houston, US

Date: 22-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L08006
WorkOrder: HS21120551

QC BATCH REPORT

Batch ID: 173392 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D					
LCS		Sample ID: LCS-173392		Units: ug/L		Analysis Date: 20-Dec-2021 15:36			
Client ID:		Run ID: SV-6_398028		SeqNo: 6431148		PrepDate: 10-Dec-2021		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
1-Methylnaphthalene	3.35	0.100	3.03	0	111	40 - 140			
2-Methylnaphthalene	3.012	0.100	3.03	0	99.4	40 - 140			
Acenaphthene	3.823	0.100	3.03	0	126	40 - 140			
Acenaphthylene	1.988	0.100	3.03	0	65.6	40 - 140			
Anthracene	2.719	0.100	3.03	0	89.7	40 - 140			
Benz(a)anthracene	2.432	0.100	3.03	0	80.3	40 - 140			
Benzo(a)pyrene	4.096	0.100	3.03	0	135	40 - 140			
Benzo(b)fluoranthene	2.441	0.100	3.03	0	80.5	40 - 140			
Benzo(g,h,i)perylene	3.176	0.100	3.03	0	105	40 - 140			
Benzo(k)fluoranthene	3.898	0.100	3.03	0	129	40 - 140			
Chrysene	3.447	0.100	3.03	0	114	40 - 140			
Dibenz(a,h)anthracene	2.926	0.100	3.03	0	96.6	40 - 140			
Dibenzofuran	2.15	0.100	3.03	0	71.0	40 - 140			
Fluoranthene	2.574	0.100	3.03	0	85.0	40 - 140			
Fluorene	2.313	0.100	3.03	0	76.3	40 - 140			
Indeno(1,2,3-cd)pyrene	3.481	0.100	3.03	0	115	40 - 140			
Naphthalene	3.658	0.100	3.03	0	121	40 - 140			
Phenanthrene	1.788	0.100	3.03	0	59.0	40 - 140			
Pyrene	2.866	0.100	3.03	0	94.6	40 - 140			
Surr: 2-Fluorobiphenyl	0.99	0.100	3.03	0	32.7	32 - 130			
Surr: 4-Terphenyl-d14	2.587	0.100	3.03	0	85.4	40 - 135			
Surr: Nitrobenzene-d5	2.748	0.100	3.03	0	90.7	45 - 142			

ALS Houston, US

Date: 22-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L08006
WorkOrder: HS21120551

QC BATCH REPORT

Batch ID: 173392 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D						
LCSD		Sample ID: LCSD-173392		Units: ug/L		Analysis Date: 20-Dec-2021 15:56				
Client ID:		Run ID: SV-6_398028		SeqNo: 6431149		PrepDate: 10-Dec-2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	3.687	0.100	3.03	0	122	40 - 140	3.35	9.57	25	
2-Methylnaphthalene	2.667	0.100	3.03	0	88.0	40 - 140	3.012	12.1	25	
Acenaphthene	2.522	0.100	3.03	0	83.2	40 - 140	3.823	41	25	R
Acenaphthylene	2.236	0.100	3.03	0	73.8	40 - 140	1.988	11.7	25	
Anthracene	3.649	0.100	3.03	0	120	40 - 140	2.719	29.2	25	R
Benz(a)anthracene	2.98	0.100	3.03	0	98.4	40 - 140	2.432	20.3	25	
Benzo(a)pyrene	3.167	0.100	3.03	0	105	40 - 140	4.096	25.6	25	R
Benzo(b)fluoranthene	2.004	0.100	3.03	0	66.1	40 - 140	2.441	19.6	25	
Benzo(g,h,i)perylene	3.084	0.100	3.03	0	102	40 - 140	3.176	2.94	25	
Benzo(k)fluoranthene	2.454	0.100	3.03	0	81.0	40 - 140	3.898	45.5	25	R
Chrysene	3.696	0.100	3.03	0	122	40 - 140	3.447	6.97	25	
Dibenz(a,h)anthracene	3.022	0.100	3.03	0	99.7	40 - 140	2.926	3.23	25	
Dibenzofuran	2.367	0.100	3.03	0	78.1	40 - 140	2.15	9.61	25	
Fluoranthene	2.683	0.100	3.03	0	88.6	40 - 140	2.574	4.15	25	
Fluorene	2.324	0.100	3.03	0	76.7	40 - 140	2.313	0.465	25	
Indeno(1,2,3-cd)pyrene	3.292	0.100	3.03	0	109	40 - 140	3.481	5.58	25	
Naphthalene	3.183	0.100	3.03	0	105	40 - 140	3.658	13.9	25	
Phenanthrene	2.93	0.100	3.03	0	96.7	40 - 140	1.788	48.4	25	R
Pyrene	3.518	0.100	3.03	0	116	40 - 140	2.866	20.4	25	
Surr: 2-Fluorobiphenyl	1.075	0.100	3.03	0	35.5	32 - 130	0.99	8.22	25	
Surr: 4-Terphenyl-d14	3.12	0.100	3.03	0	103	40 - 135	2.587	18.7	25	
Surr: Nitrobenzene-d5	2.817	0.100	3.03	0	93.0	45 - 142	2.748	2.48	25	

The following samples were analyzed in this batch:

HS21120551-01	HS21120551-02	HS21120551-03	HS21120551-04
HS21120551-05	HS21120551-06	HS21120551-07	

ALS Houston, US

Date: 22-Dec-21

Client: Permian Basin Environmental Lab, LP
Project: 1L08006
WorkOrder: HS21120551

**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: 22-Dec-21

CERTIFICATIONS,ACCREDITATIONS & LICENSES

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

ALS Houston, US

Date: 22-Dec-21

Sample Receipt Checklist

Work Order ID: HS21120551

Date/Time Received: 09-Dec-2021 10:10

Client Name: Permian Basin Lab

Received by: Jared R. Makan

Completed By: <u>/S/ Paresh M. Giga</u>	10-Dec-2021 06:52	Reviewed by: <u>/S/ Bernadette A. Fini</u>	13-Dec-2021 09:15
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 U/C IR31		
Cooler(s)/Kit(s):	Blue		
Date/Time sample(s) sent to storage:	12/9/2021 19:00		
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:

DEC 09 2021
Zme

FedEx

THU - 09 DEC AA
STANDARD OVERNIGHT

TRK# 8161 1355 9319
0200

AB SGRA

77099
TX-US
IAH



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

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

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

Form C-144
Originated 2/13/97

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

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name Texas-New Mexico Pipe Line Company	Contact Edwin H. Gripp
Address Box 60028, San Angelo, TX 76906	Telephone No. (915) 947-9000
Facility Name <i>Vacuum Jct. to Gal. Main Line</i>	Facility Type <i>pipe line</i>
Surface Owner <i>Millard Bush</i>	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
	<i>21</i>	<i>20S</i>	<i>37E</i>					<i>Lea</i>

NATURE OF RELEASE

Type of Release <i>Down crude</i>	Volume of Release <i>170 barrels</i>	Volume Recovered <i>160 barrels</i>
Source of Release <i>8" pipeline on scraper trap bypass</i>	Date and Hour of Occurrence <i>Unknown</i>	Date and Hour of Discovery <i>8-13-97 3:00 PM</i>
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? <i>Delius T. Redden</i>	
By Whom? <i>Johnny W. Chapman</i>	Date and Hour <i>8-13-97 4:45 pm CST</i>	
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.*

*External Corrosion
Leak successfully clamped off.*

Describe Area Affected and Cleanup Action Taken.*

*Approximately 360 sq. ft. scraper trap area.
Contaminated soil was removed*

Describe General Conditions Prevailing (Temperature, Precipitation, etc.).*

Clear 90°

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>E. H. Gripp</i>		OIL CONSERVATION DIVISION	
Printed Name: Edwin H. Gripp		Approved by District Supervisor:	
Title: District Manager	Approval Date:	Expiration Date:	
Date: 8-14-97	Phone: 915-947-9001	Conditions of Approval:	Attached ☐

* Attach Additional Sheets If Necessary

State Corp. Commission
Pipe Line Division

Hazardous 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 93004

CONDITIONS

Operator: PLAINS MARKETING L.P. 333 Clay Street Suite 1900 Houston, TX 77002	OGRID:
	34053
	Action Number: 93004
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Review of 2021 ANNUAL GROUNDWATER MONITORING REPORT: Content satisfactory Contractor anticipated actions approved by NMOCD and are as follows; 1. Continue monthly gauging and quartering sampling in 2022 2. Continue manual product recovery on a monthly schedule 3. Continue sampling for PAH analysis from MW-4, MW-6, MW-7, MW-8, MW-14, MW-15, MW-19, and RW-3 through RW-6 4. Conduct quarterly low-flow sampling of MNA parameters on MW-11, MW-5, MW-7, MW-19, MW-25, and RW-3 5. Submit the Annual Monitoring Report to the NMOCD no later than March 31, 2023.	8/3/2022