



**2020
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

APPROVED

By Nelson Velez at 2:17 pm, Jan 11, 2022

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Review of 2020 ANNUAL
GROUNDWATER MONITORING REPORT:

Content satisfactory

Contractor anticipated actions approved
by OCD and are as follows;

1. Continue monthly gauging and
quartering sampling in 2021
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
recovery wells RW-3 through RW-6

Submit the Annual Monitoring Report to
the OCD no later than March 31, 2022.

January 2021

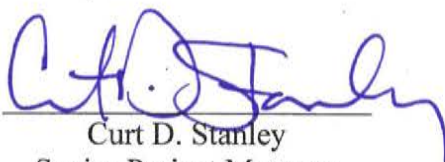

Curt D. Stanley
Senior Project Manager

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INTRODUCTION

On behalf of Plains Marketing, L.P., (Plains), TRC Environmental Corporation (TRC) is pleased to submit this 2020 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 2020. For reference, the Site Location Map is provided as Figure 1.

Groundwater monitoring was conducted during the 1st, 2nd, 3rd, and 4th quarters of 2020 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.

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-seven (27) groundwater monitor wells (MW-1 through MW-8 and MW-10 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 four (4) monitor wells (MW-7, MW-8, MW-15, and MW-19) during at least one (1) quarter of the reporting period. Monitor well MW-7 exhibited measurable PSH from May 14, 2020 through the end of the reporting period. Monitor well MW-8 exhibited measurable PSH on May 14, 2020 (0.01'), May 21, 2020 (0.01'), October 16, 2020 (0.08') and December 10, 2020 (0.18'). Monitor well MW-15 exhibited measurable PSH on September 14, 2020 (0.02') and September 30, 2020 (0.01'). Monitor well MW-19 exhibited measurable PSH on August 13, 2020 (0.03'), September 14, 2020 (0.08'), and September 30, 2020 (0.01').

The average thickness of PSH in monitor wells exhibiting PSH was less than 0.05 feet. The maximum thickness of PSH in monitor wells during the 2020 reporting period was 0.46 feet in monitor well MW-7 on September 30, 2020. Groundwater elevation data for the 2020 gauging events can be found in Table 1. Approximately 2.4 gallons (0.057 barrels) of PSH were recovered from the Site during the reporting period. Approximately 2,767.25 gallons (approximately 65.89 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 prior to March 24, 2020 Modification					
Location	Schedule	Location	Schedule	Location	Schedule
MW-1	Annually	MW-13	Annually	MW-25	Semi-Annually
MW-2	Annually	MW-14	Quarterly	MW-26	Quarterly
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	Quarterly	RW-5	Quarterly
MW-10	Quarterly	MW-22	Semi-Annually	RW-6	Quarterly
MW-11	Annually	MW-23	Semi-Annually		
MW-12	Annually	MW-24	Annually		

NMOCD Approved Sampling Schedule subsequent to March 24, 2020 Modification					
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	Plugging Approval	RW-6	Quarterly
MW-11	Annually	MW-23	Semi-Annually		
MW-12	Annually	MW-24	Plugging Approval		

The Site monitor wells were gauged and sampled on March 4-5, June 17-18, August 12-13, and December 8-10, 2020. 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.

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 2020 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 0.0031 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 2nd and 3rd quarters to 0.0040 feet/foot during the 1st quarter. The corrected groundwater elevations ranged from 3,488.51 to 3,491.53 feet above mean sea level, in monitor well MW-21 on December 8, 2020 and in monitor well MW-5 on March 5, 2020, respectively.

LABORATORY RESULTS

A measurable thickness of PSH was recorded in four (4) monitor wells (MW-7, MW-8, MW-15, and MW-19) during at least one (1) quarter of the reporting period. Monitor well MW-7 exhibited measurable PSH from May 14, 2020 through the end of the reporting period. Monitor well MW-8 exhibited measurable PSH on May 14, 2020 (0.01'), May 21, 2020 (0.01'), October 16, 2020 (0.08') and December 10, 2020 (0.18'). Monitor well MW-15 exhibited measurable PSH on September 14, 2020 (0.02') and September 30, 2020 (0.01'). Monitor well MW-19 exhibited measurable PSH on August 13, 2020 (0.03'), September 14, 2020 (0.08'), and September 30, 2020 (0.01').

Groundwater samples collected during the four (4) quarterly sampling events of the 2020 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 2020 calendar year on monitor well MW-4, MW-6, 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 2020 concentrations of BTEX in groundwater is summarized in Table 2 and historical concentrations of BTEX in groundwater are summarized in Table 5. The 2020 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 2020 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 on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.530 mg/L during the 2nd quarter to 1.18 mg/L during the 1st quarter of 2020. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from 0.00960 mg/L during the 3rd quarter to 0.0853 mg/L during the 1st quarter of 2020. Toluene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0306 mg/L during the 3rd quarter to 0.146 mg/L during the 1st quarter of 2020. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.06275 mg/L during the 3rd quarter to 0.421 mg/L during the 1st quarter of 2020. Xylene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period.

PAH analysis during the 4th quarter sampling event indicated elevated concentrations above NMWQCC Drinking Water Standards for fluorene (0.0042 mg/L), phenanthrene (0.0053 mg/L), and naphthalene (0.059 mg/L). In addition, the analytical results indicated potentially elevated concentrations above NMWQCC Drinking Water Standards for benzo[a]anthracene (<0.0010 mg/L), benzo[a]pyrene (<0.0010 mg/L), chrysene (<0.0010 mg/L), dibenz[a,h]anthracene (<0.0010 mg/L), and Indeno[1,2,3-cd]pyrene (<0.0010 mg/L).

Monitor well MW-5 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.00376 mg/L during the 2nd quarter to 0.0108 mg/L during the 4th quarter of 2020. Benzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from less than the applicable laboratory RL during the 1st and 2nd quarters to 0.00164 mg/L during the 4th quarter of 2020. Toluene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from less than the applicable laboratory RL during the 2nd and 4th quarters to 0.00538 mg/L during the 3rd quarter of 2020. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.00375 mg/L during the 4th quarter to 0.01489 mg/L during the 2nd quarter of 2020. 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.

Monitor well MW-6 is sampled on a quarterly schedule and the analytical indicated benzene concentrations ranged from 0.0260 mg/L during the 1st quarter to 0.0411 mg/L during the 2nd quarter of 2020. 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 1st quarter to 0.00554 mg/L during the 2nd quarter of 2020. 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 0.00877 mg/L during the 2nd quarter of 2020. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.01916 mg/L during the 1st quarter to 0.0320 mg/L during the 2nd quarter of 2020. 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 potentially elevated concentrations above NMWQCC Drinking Water Standards for benzo[a]anthracene (<0.0010 mg/L), benzo[a]pyrene (<0.0010 mg/L), chrysene (<0.0010 mg/L), dibenz[a,h]anthracene (<0.0010 mg/L), and Indeno[1,2,3-cd]pyrene (<0.0010 mg/L).

Monitor well MW-7 is monitored/sampled on a quarterly schedule. Monitor well MW-7 was not sampled during the 2nd, 3rd, and 4th quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 0.02 feet, 0.31 feet, and 0.32 feet were reported during the 2nd, 3rd, and 4th quarters of 2020, respectively.

Monitor well MW-7 was sampled during the 1st quarter of the reporting period and the analytical results indicated the benzene concentration was 0.371 mg/L. The benzene concentration was above the NMOCD regulatory guideline during the 1st quarter of the reporting period. The toluene concentration

was 0.0382 mg/L and was below the NMOCD regulatory guideline during the 1st quarter of the reporting period. The ethylbenzene concentration was 0.226 mg/L and was below the NMOCD regulatory guideline during the 1st quarter of the reporting period. The xylene concentration was 0.378 mg/L and was below the NMOCD regulatory guideline during the 1st quarter of the reporting period. PAH analysis was not conducted on samples from MW-7 during the 4th quarter sampling event due to the presence of PSH.

Monitor well MW-8 is sampled/monitored on a quarterly schedule. Monitor well MW-8 was not sampled during the 4th quarter of the reporting period, due to the presence of PSH. A PSH thicknesses of 0.18 feet was reported during the 4th quarter of 2020.

Monitor well MW-8 was sampled during the 1st, 2nd, and 3rd quarters of the reporting period and the analytical results indicated the benzene concentration ranged from 0.102 mg/L during the 1st quarter to 0.241 mg/L during the 2nd quarter. Benzene concentrations were above the NMOCD regulatory guidelines during the 1st, 2nd, and 3rd quarters of the reporting period. Toluene concentrations ranged from 0.0334 mg/L during the 3rd quarter to 0.212 mg/L during the 2nd quarter of 2020. Toluene concentrations were below the NMOCD regulatory guidelines during the 1st, 2nd, and 3rd quarters of the reporting period. Ethylbenzene concentrations ranged from 0.180 mg/L during the 3rd quarter to 0.519 mg/L during the 2nd quarter of 2020. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during the 1st, 2nd, and 3rd quarters of the reporting period. Xylene concentrations ranged from 0.2423 mg/L during the 3rd quarter to 1.235 mg/L during the 2nd quarter of 2020. Xylene concentrations were above the NMOCD regulatory guideline during the 2nd quarter of the reporting period. 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 was previously sampled on a quarterly schedule and is currently 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 1st quarter of the reporting period. The ethylbenzene concentration was 0.00175 mg/L and less than the NMOCD regulatory guideline during the 1st quarter of the reporting period. The xylene concentration was 0.00461 mg/L and less than the NMOCD regulatory guideline during the 1st 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-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 0.147 mg/L during the 2nd quarter to 0.235 mg/L during the 1st quarter of 2020. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from 0.00229 mg/L during the 1st quarter to 0.0116 mg/L during the 4th quarter. Toluene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.110 mg/L during the 1st quarter to 0.172 mg/L during the 3rd quarter of 2020. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.04423 mg/L during the 1st quarter to 0.1077 mg/L during the 2nd quarter of 2020. 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 fluoranthene (0.0025 mg/L), phenanthrene (0.0035 mg/L), and naphthalene (0.076 mg/L). In addition, the analytical results indicated potentially elevated concentrations above NMWQCC Drinking Water Standards for benzo[a]anthracene (<0.0010 mg/L), benzo[a]pyrene (<0.0010 mg/L), chrysene (<0.0010 mg/L), dibenz[a,h]anthracene (<0.0010 mg/L), and Indeno[1,2,3-cd]pyrene (<0.0010 mg/L).

Monitor well MW-15 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.0324 mg/L during the 1st quarter to 0.0579 mg/L during the 3rd quarter of 2020. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from 0.0124 during the 1st quarter to 0.0688 mg/L during the 4th quarter of 2020. Toluene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0205 mg/L during the 2nd quarter to 0.287 mg/L during the 4th quarter of 2020. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.0938 mg/L during the 3rd quarter to 0.205 mg/L during the 4th quarter of 2020. 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 (0.0030 mg/L), fluorene (0.0078 mg/L), phenanthrene (0.0027 mg/L). In addition, the analytical results indicated potentially elevated concentrations above NMWQCC Drinking Water Standards for benzo[a]anthracene (<0.0010 mg/L), benzo[a]pyrene (<0.0010 mg/L), dibenz[a,h]anthracene (<0.0010 mg/L), and Indeno[1,2,3-cd]pyrene (<0.0010 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/monitored on a quarterly schedule. Monitor well MW-19 was not sampled during the 3rd quarter of the reporting period, due to the presence of PSH. A PSH thicknesses of 0.03 feet was reported during the 3rd quarter of 2020.

Monitor well MW-19 was sampled during the 1st, 2nd, and 4th quarters of the reporting period and the analytical results indicated the benzene concentration ranged from 0.158 mg/L during the 2nd quarter to 0.208 mg/L during the 4th quarter. Benzene concentrations were above the NMOCD regulatory guidelines during the 1st, 2nd, and 4th quarters of the reporting period. Toluene concentrations ranged from 0.0290 mg/L during the 1st quarter to 0.0578 mg/L during the 4th quarter of 2020. Toluene concentrations were below the NMOCD regulatory guidelines during the 1st, 2nd, and 4th quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0569 mg/L during the 2nd quarter to 0.240 mg/L during the 4th quarter of 2020. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during the 1st, 2nd, and 4th quarters of the reporting period. Xylene concentrations ranged from 0.1428 mg/L during the 4th quarter to 0.233 mg/L during the 1st quarter of 2020. 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 NMWQCC Drinking Water Standards for fluorene (0.0043 mg/L), and phenanthrene (0.0047 mg/L), and naphthalene (0.0395 mg/L). In addition, the analytical results indicated potentially elevated concentrations above NMWQCC Drinking Water Standards for benzo[a]anthracene (<0.0010 mg/L), benzo[a]pyrene (<0.0010 mg/L), chrysene (<0.0010 mg/L), dibenz[a,h]anthracene (<0.0010 mg/L), and Indeno[1,2,3-cd]pyrene (<0.0010 mg/L).

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 2020. Toluene concentrations ranged from less than the applicable laboratory RL during the 1st, 2nd, and 4th quarters to 0.00102 mg/L during the 3rd quarter. Toluene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from less than the applicable laboratory RL during the 2nd, 3rd and 4th quarters to 0.00507 mg/L during the 1st quarter. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period.

Xylene concentrations ranged from less than the applicable laboratory RL during the 2nd, 3rd and 4th quarters to 0.0211 mg/L during the 1st quarter. Xylene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. PAH analysis was not required on samples from MW-20 during the 4th quarter sampling event.

Monitor well MW-21 was previously sampled on a quarterly schedule and is currently sampled on an annual schedule and the analytical results indicated benzene, toluene, and xylene concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 1st quarter of the reporting period. The ethylbenzene concentration was 0.00117 mg/L and below the NMOCD regulatory guideline during the 1st quarter of the reporting period. 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 previously sampled on a semi-annual schedule and 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. A plugging report will be submitted to the NMOCD on receipt of the plugging report.

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 previously sampled on an annual schedule and 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. A plugging report will be submitted to the NMOCD on receipt of the plugging report.

Monitor well MW-25 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 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-25 during the 4th quarter sampling event.

Monitor well MW-26 was previously sampled on a quarterly schedule and is currently 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 1st quarter of 2020. 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 0.00682 mg/L during the 2nd quarter to 0.0401 mg/L during the 1st quarter of 2020. Benzene concentrations were above the NMOCD regulatory guideline during the 1st quarter of the reporting period. Toluene concentrations ranged from less than the applicable laboratory RL during the 2nd quarter to 0.00438 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 less than the applicable laboratory RL during the 4th quarter to 0.0122 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 0.00259 mg/L during the 4th quarter to 0.0422 mg/L during the 1st 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 0.0685 mg/L during the 1st quarter to 0.208 mg/L during the 3rd quarter of 2020. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from less than the applicable laboratory RL during the 1st, 2nd, and 4th quarters to 0.00405 mg/L during the 3rd quarter of the reporting period. Toluene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from less than the applicable laboratory RL during the 2nd quarter to 0.00602 mg/L during the 3rd 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 less than the applicable laboratory RL during the 4th quarter to 0.01794 mg/L during the 2nd quarter of the reporting period. 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 potentially elevated concentrations above NMWQCC Drinking Water Standards for benzo[a]anthracene (<0.0010 mg/L), benzo[a]pyrene (<0.0010 mg/L), chrysene (<0.0010 mg/L), dibenz[a,h]anthracene (<0.0010 mg/L), and Indeno[1,2,3-cd]pyrene (<0.0010 mg/L).

Recovery well RW-4 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.0795 mg/L during the 2nd quarter to 0.186 mg/L during the 1st quarter of 2020. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from less than the applicable laboratory RL during the 2nd and 4th quarters to 0.00306 mg/L during the 3rd quarter of the reporting period. Toluene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0141 mg/L during the 4th quarter to 0.0719 mg/L during the 1st quarter of 2020. Ethylbenzene concentrations were below the

NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.01161 mg/L during the 4th quarter to 0.0659 mg/L during the 1st quarter of 2020. 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 phenanthrene (0.0014 mg/L). In addition, the analytical results indicated potentially elevated concentrations above NMWQCC Drinking Water Standards for benzo[a]anthracene (<0.0010 mg/L), benzo[a]pyrene (<0.0010 mg/L), chrysene (<0.0010 mg/L), dibenz[a,h]anthracene (<0.0010 mg/L), and Indeno[1,2,3-cd]pyrene (<0.0010 mg/L).

Recovery well RW-5 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.144 mg/L during the 2nd quarter to 0.188 mg/L during the 4th quarter of 2020. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from 0.00166 mg/L during the 4th quarter to 0.00701 mg/L during the 2nd quarter of 2020. Toluene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.00557 mg/L during the 4th quarter to 0.0312 mg/L during the 2nd quarter of 2020. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.00899 mg/L during the 4th quarter to 0.0633 mg/L during the 2nd quarter of 2020. Xylene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period.

PAH analysis during the 4th quarter sampling event indicated elevated concentrations above NMWQCC Drinking Water Standards for fluorene (0.0014 mg/L) and phenanthrene (0.0011 mg/L). In addition, the analytical results indicated potentially elevated concentrations above NMWQCC Drinking Water Standards for benzo[a]anthracene (<0.0010 mg/L), benzo[a]pyrene (<0.0010 mg/L), chrysene (<0.0010 mg/L), dibenz[a,h]anthracene (<0.0010 mg/L), and Indeno[1,2,3-cd]pyrene (<0.0010 mg/L).

Recovery well RW-6 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.0535 mg/L during the 1st quarter to 0.0724 mg/L during the 3rd quarter of 2020. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from 0.00353 mg/L during the 4th quarter to 0.0265 mg/L during the 1st quarter of 2020. Toluene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.00697 mg/L during the 4th quarter to 0.0548 mg/L during the 1st quarter of 2020. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.00551 mg/L during the 4th quarter to 0.1414 mg/L during the 1st quarter of 2020. Xylene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period.

PAH analysis during the 4th quarter sampling event indicated elevated concentrations above NMWQCC Drinking Water Standards for fluorene (0.0022 mg/L) and phenanthrene (0.015 mg/L). In addition, the analytical results indicated potentially elevated concentrations above NMWQCC Drinking Water Standards for benzo[a]anthracene (<0.0010 mg/L), benzo[a]pyrene (<0.0010 mg/L),

chrysene (<0.0010 mg/L), dibenz[a,h]anthracene (<0.0010 mg/L), and Indeno[1,2,3-cd]pyrene (<0.0010 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.

SUMMARY

This report summarizes the results of monitoring activities for the 2020 annual monitoring period. Currently, there are twenty-seven (27) groundwater monitor wells (MW-1 through MW-8, and MW-10 through MW-28) and five (5) recovery wells (RW-1 and RW-3 through RW-6) on-site. A pneumatic product recovery system 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.

Approximately 2.4 gallons (0.057 barrels) of PSH were recovered from the Site during the reporting period. Approximately 2,767.25 gallons (approximately 65.89 barrels) of PSH has been recovered since project inception.

A measurable thickness of PSH was recorded in four (4) monitor wells (MW-7, MW-8, MW-15, and MW-19) during at least one (1) quarter of the reporting period. Monitor well MW-7 exhibited measurable PSH from May 14, 2020 through the end of the reporting period. Monitor well MW-8 exhibited measurable PSH on May 14, 2020 (0.01'), May 21, 2020 (0.01'), October 16, 2020 (0.08') and December 10, 2020 (0.18'). Monitor well MW-15 exhibited measurable PSH on September 14, 2020 (0.02') and September 30, 2020 (0.01'). Monitor well MW-19 exhibited measurable PSH on August 13, 2020 (0.03'), September 14, 2020 (0.08'), and September 30, 2020 (0.01').

The most recent Inferred Groundwater Gradient Map, Figure 2D, indicated a general gradient of approximately 0.0031 feet/foot to the south-southeast as measured between monitor wells MW-1 and MW-22.

Review of laboratory analytical results of the groundwater samples obtained during the 2020 monitoring period indicated BTEX constituent concentrations are below applicable the NMOCD regulatory guidelines in seventeen (17) of the thirty-two (32) monitor/recovery wells currently on-site. Dissolved phase hydrocarbon impact appears to be limited to monitor wells MW-4, MW-5, MW-6, MW-14, MW-15, and MW-19 and recovery wells RW-1, and RW-3 through RW-6.

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 will be submitted to the NMOSE and the NMOCD on receipt.

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 2021. 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, 2022.

Based on the results of previous PAH analysis, additional PAH analysis will 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.

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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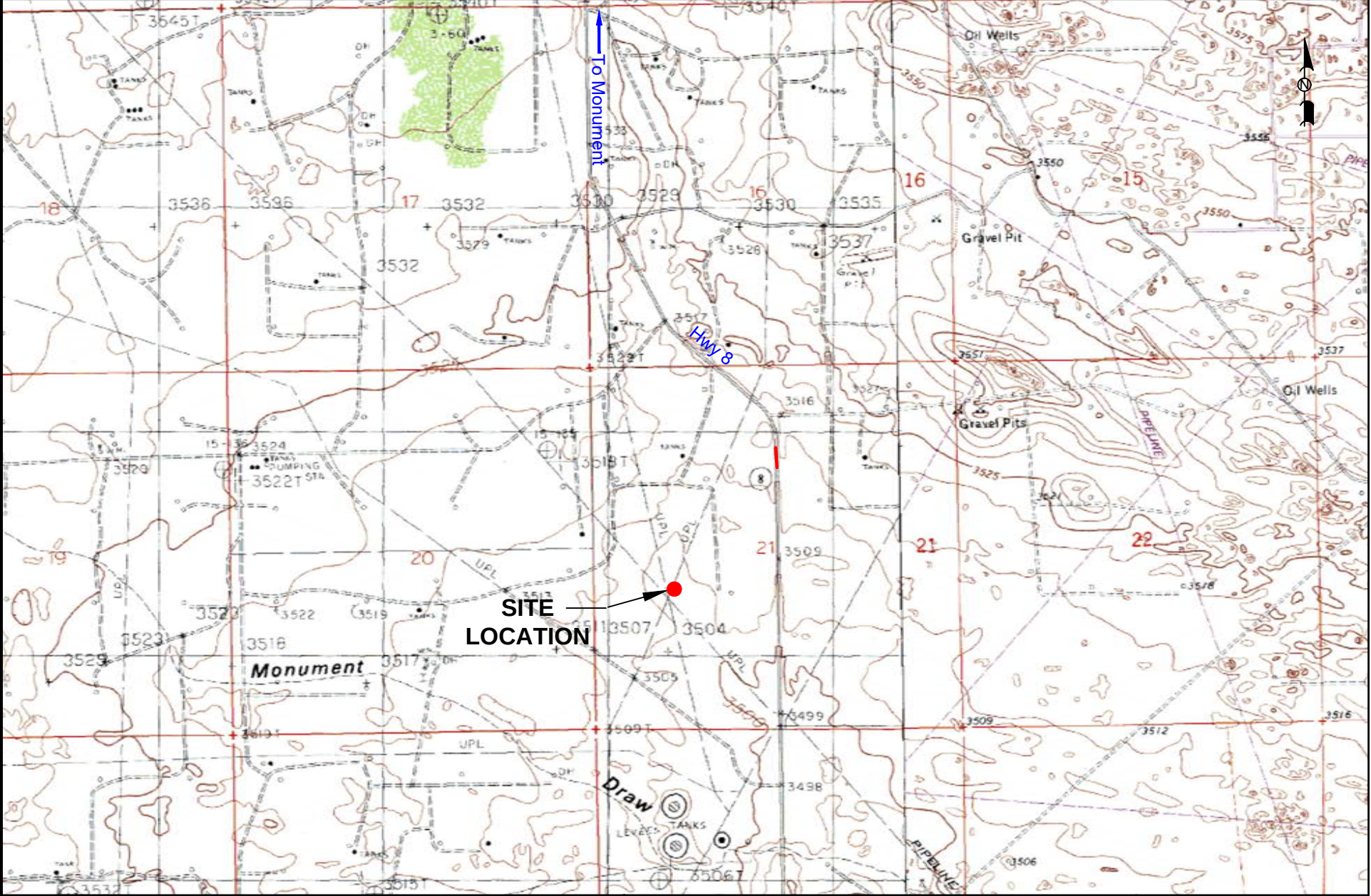
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Figures

DRAWING NAME: H:\Nova\Project Files\Plains\New Mexico\TNM 97-17 (2024)\CAD\2018 Working Files\ Figure 1 Site Location Map.dwg --- PLOT DATE: March 04, 2019 - 10:49AM --- LAYOUT: Layout1



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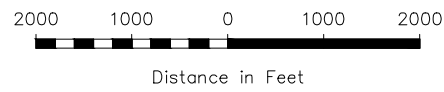


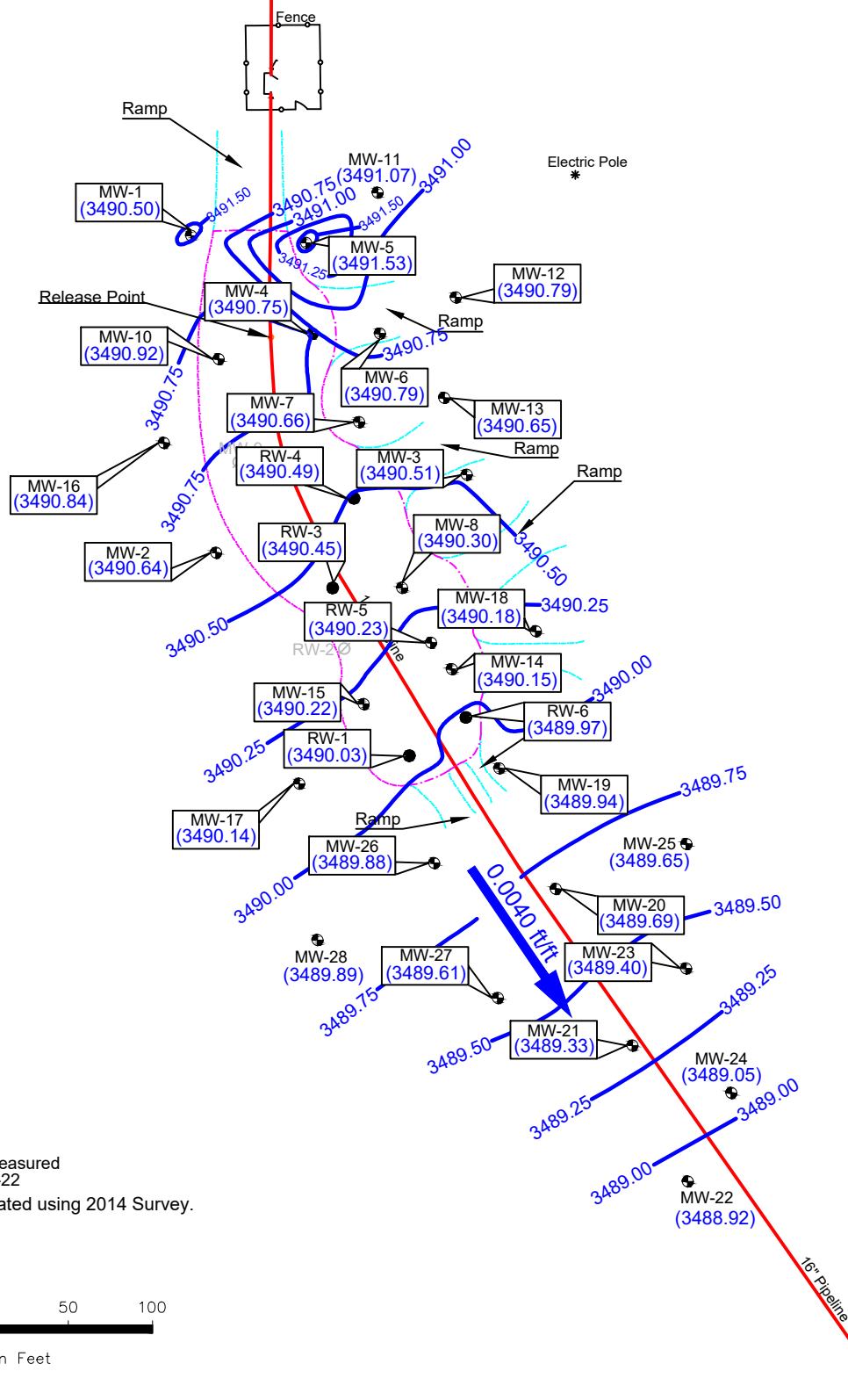
Figure 1
Site Location Map
Plains Marketing, L.P.
TNM 97-17
NMOCD Reference # AP-17-0
Lea County, NM

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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	



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DRAWING NAME: H:\Nova\Project Files\Plains\New Mexico\TNM 97-17 (2024)\CAD\2020 Working Files\GWG\ Figure 2A Gradient 3.4.5.20.dwg --- PLOT DATE: March 22, 2021 - 12:03PM --- LAYOUT: Layout1



NOTE:

Contour Interval = 0.25'
Groundwater Gradient Measured
Between MW-4 and MW-22
This map has been created using 2014 Survey.

Distance in Feet

LEGEND:

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

Figure 2A
Inferred Groundwater
Gradient Map
(3/4/2020-3/5/2020)
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 18, 2020

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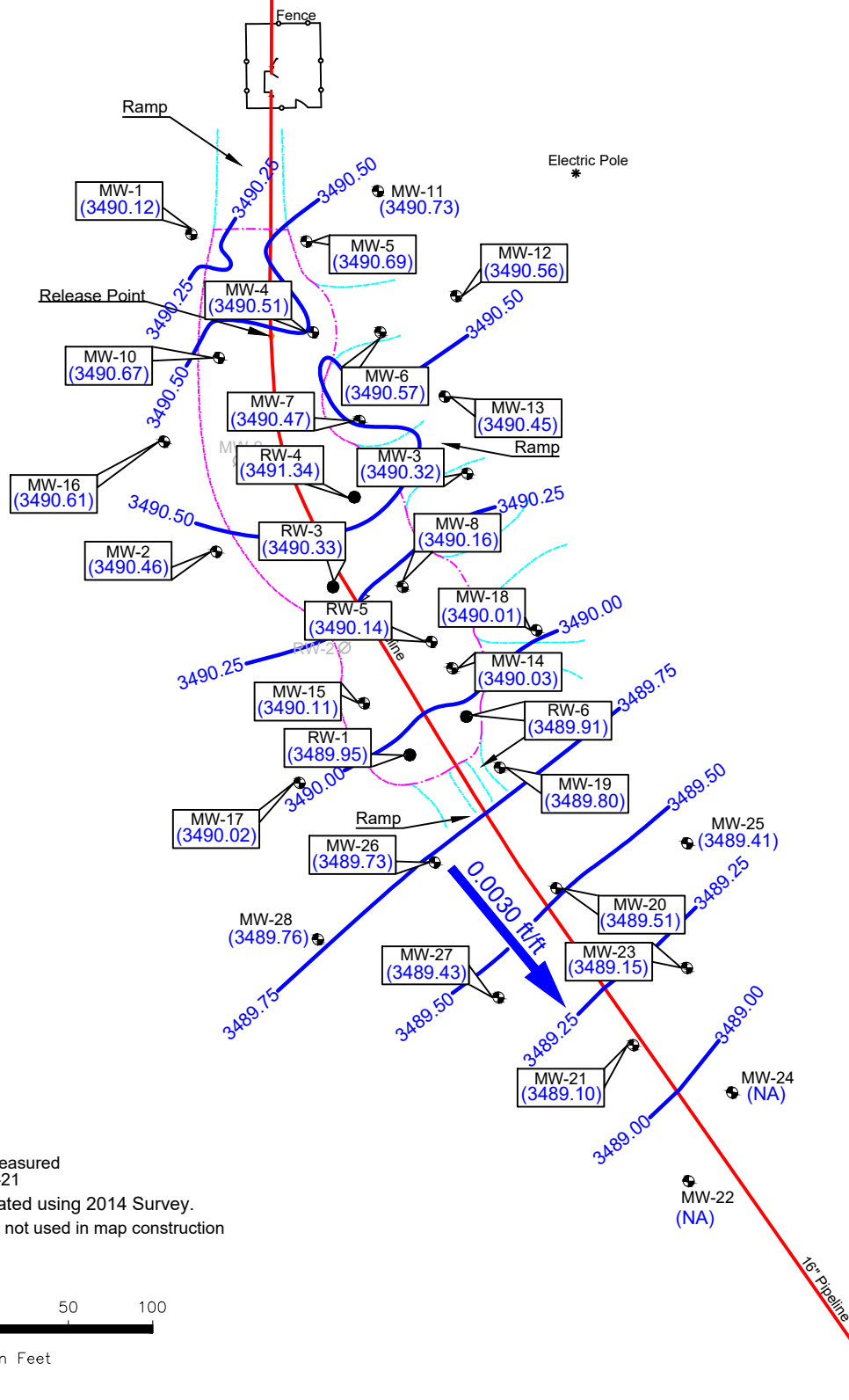
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TRC Proj. No.: 014178



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DRAWING NAME: H:\Nova\Project Files\Plains\New Mexico\TNM 97-17 (2024)\CAD\2020 Working Files\GWG\ Figure 2B Gradient 6.17.18.20.dwg --- PLOT DATE: March 22, 2021 - 12:03PM --- LAYOUT: Layout1



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
(6/17/2020-6/18/2020)
Plains Marketing, L.P.
TNM 97-17
NMOC Reference # AP-17-0
Lea County, NM

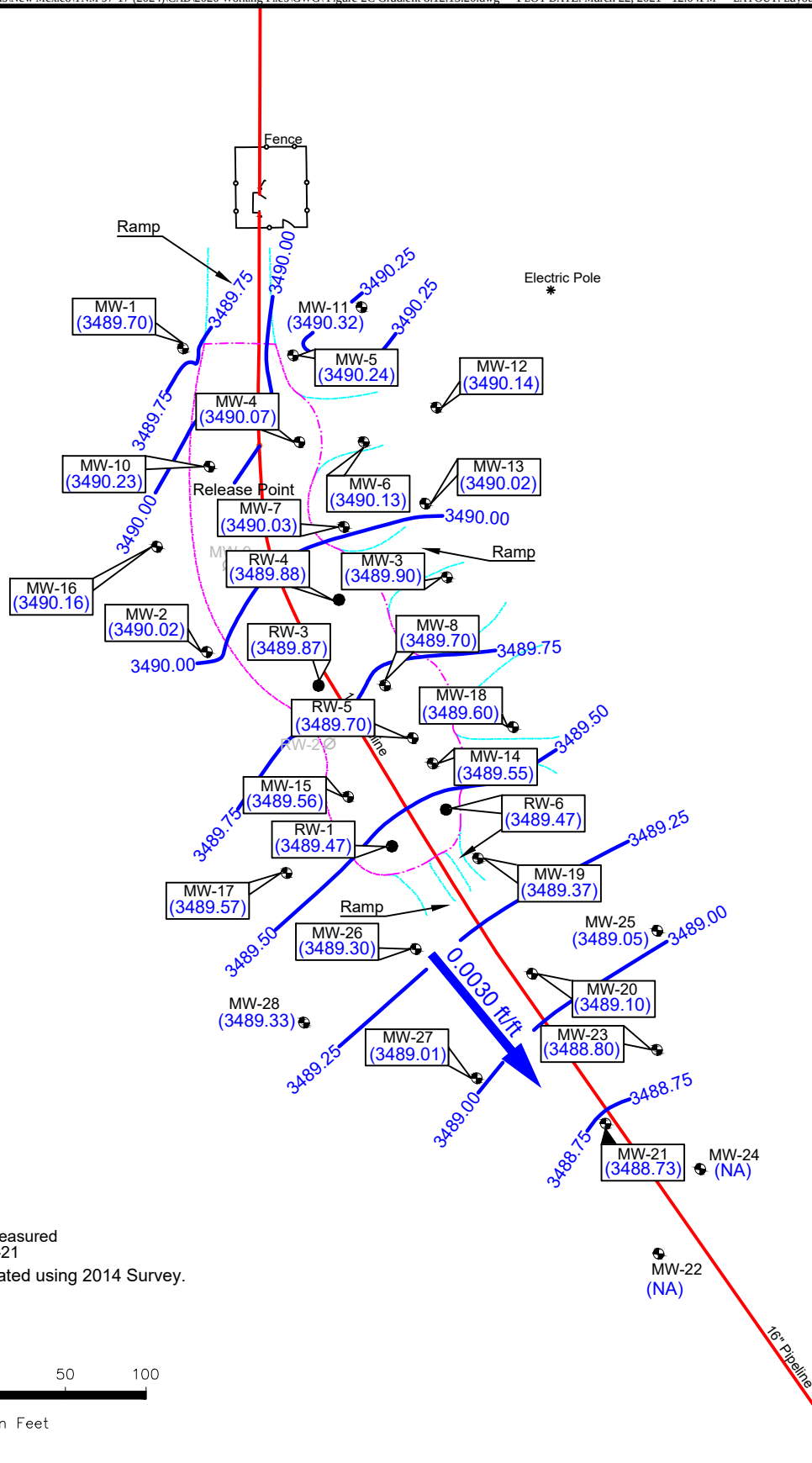
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TRC Proj. No.: 014178	

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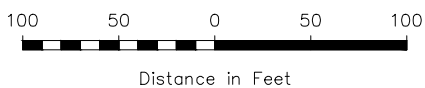
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**NOTE:**

Contour Interval = 0.25'

Groundwater Gradient Measured
Between MW-4 and MW-21

This map has been created using 2014 Survey.

**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

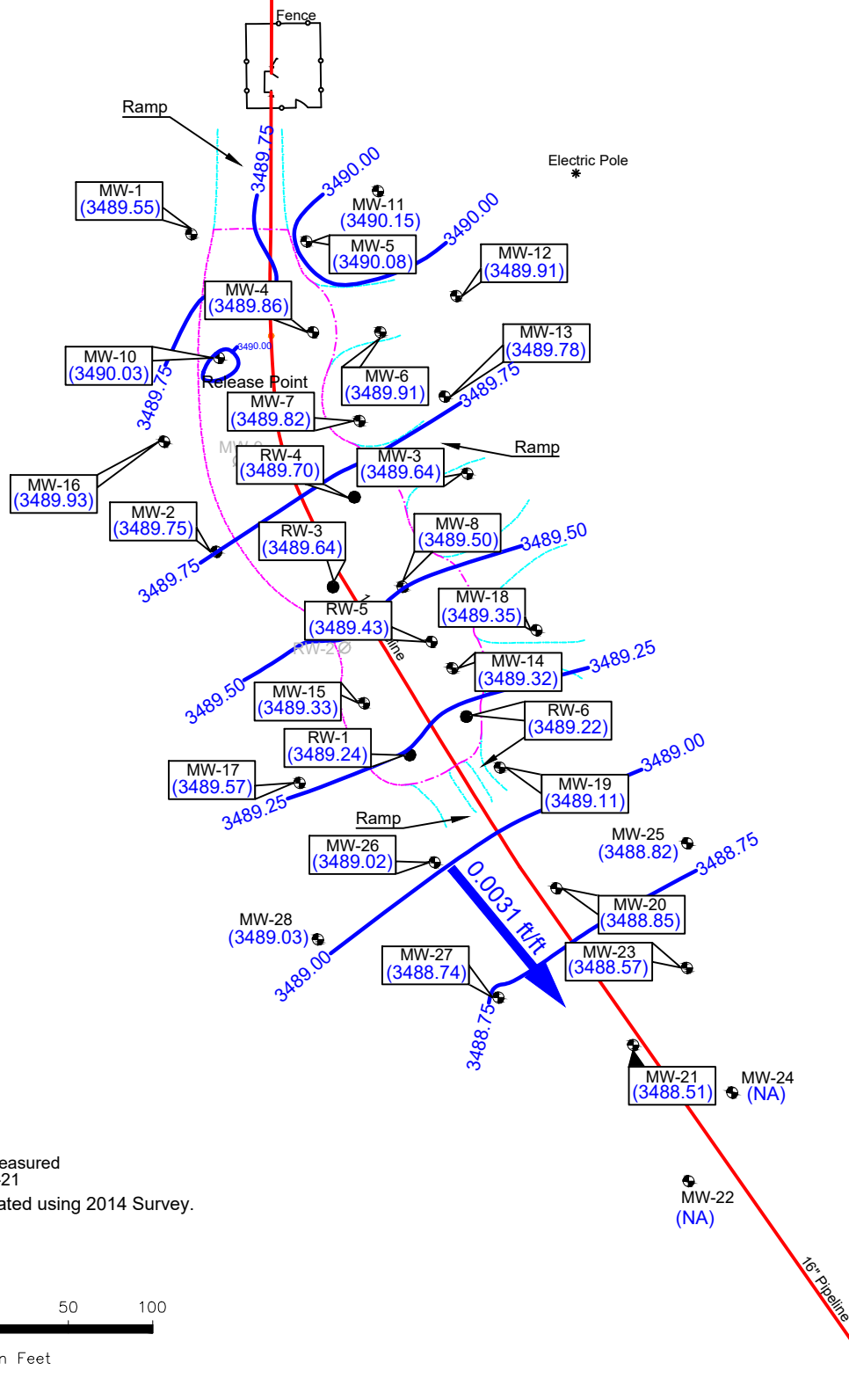
Figure 2C
Inferred Groundwater
Gradient Map
(8/12/2020 - 8/13/2020)
Plains Marketing, L.P.
TNM 97-17
NMOC Reference # AP-17-0
Lea County, NM

Scale: 1" = 100'

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Draft: August 28, 2020	
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TRC Proj. No.: 014178	

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LEGEND:

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

Figure 2D
Inferred Groundwater
Gradient Map
(12/8/2020 - 12/10/2020)
Plains Marketing, L.P.
TNM 97-17
NMOC Reference # AP-17-0
Lea County, NM

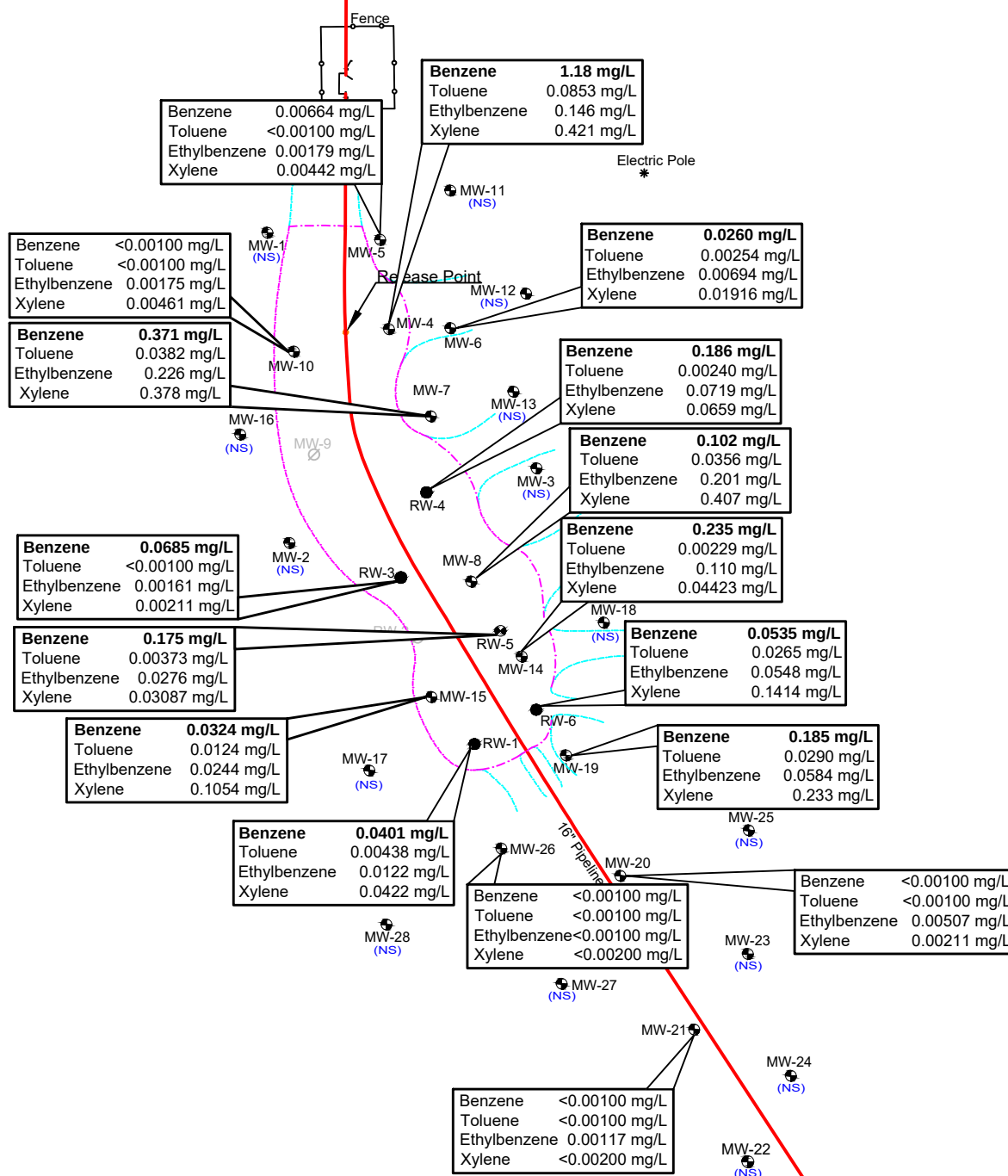
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**NOTE:**

- **BOLD** Indicates Concentration Above NMOC Regulatory Limit

100 50 0 50 100

Distance in Feet

LEGEND:

- Monitor Well Location
- Recovery Well Location
- Release Point
- Pipeline
- Former 2012 Excavation
- Inferred PSH Extent
- 0.18" Thickness of PSH (feet)
- <0.001 Constituent Concentration (mg/L)
- (NW) No Water
- (NS) Not Sampled

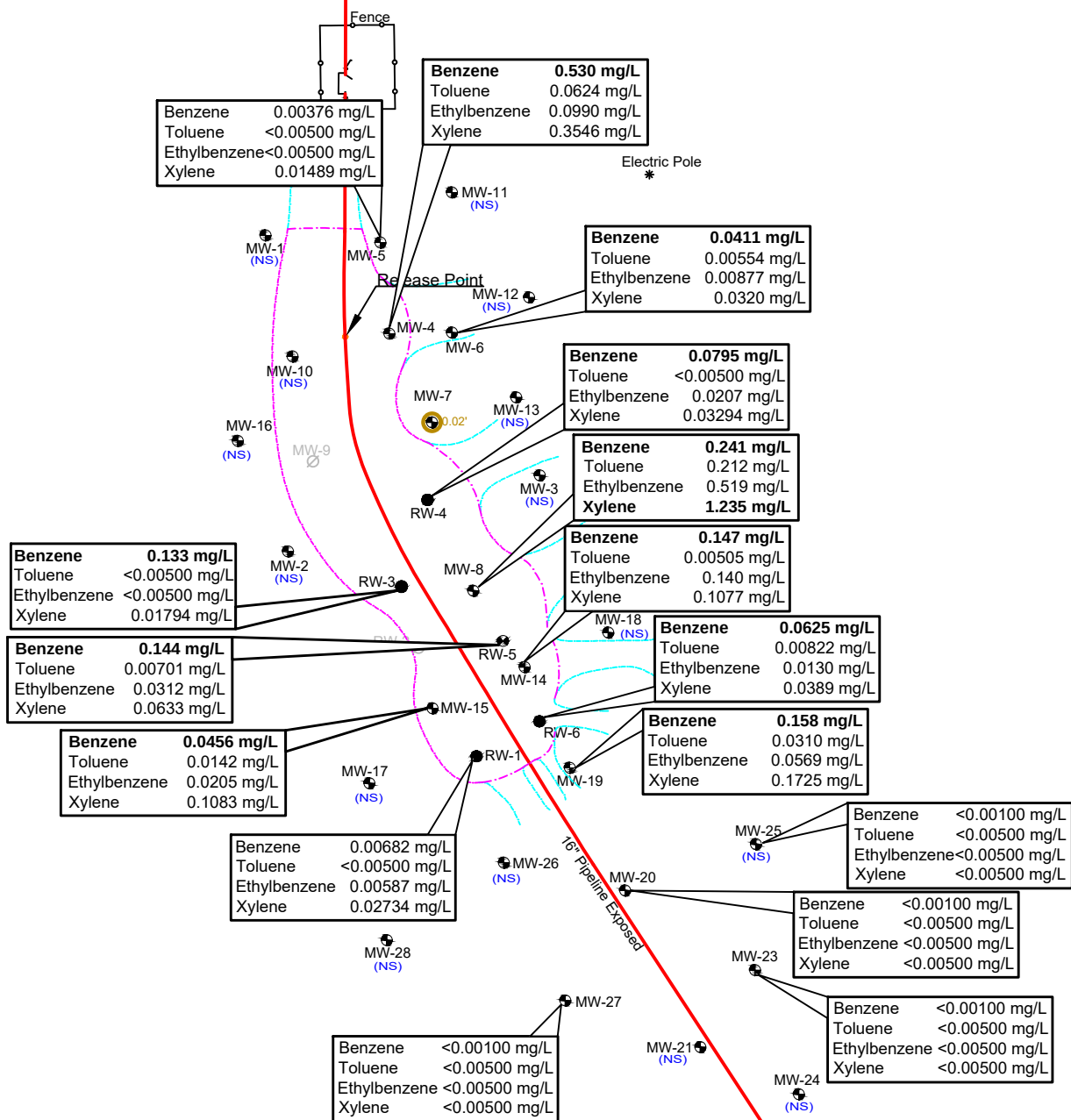
Figure 3A
Groundwater Concentration
and Inferred PSH Extent Map
(3/4/2020-3/5/2020)
Plains Marketing, L.P.
TNM 97-17
NMOC Reference # AP-17-0
Lea County, NM

Scale: 1" = 100'

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**NOTE:**

- BOLD Indicates Concentration Above NMOCD Regulatory Limit

100 50 0 50 100

Distance in Feet

LEGEND:

- Monitor Well Location
- Recovery Well Location
- Release Point
- Pipeline
- Former 2012 Excavation
- Inferred PSH Extent
- 0.18' Thickness of PSH (feet)
- <0.001 Constituent Concentration (mg/L)
- (NW) No Water
- (NS) Not Sampled

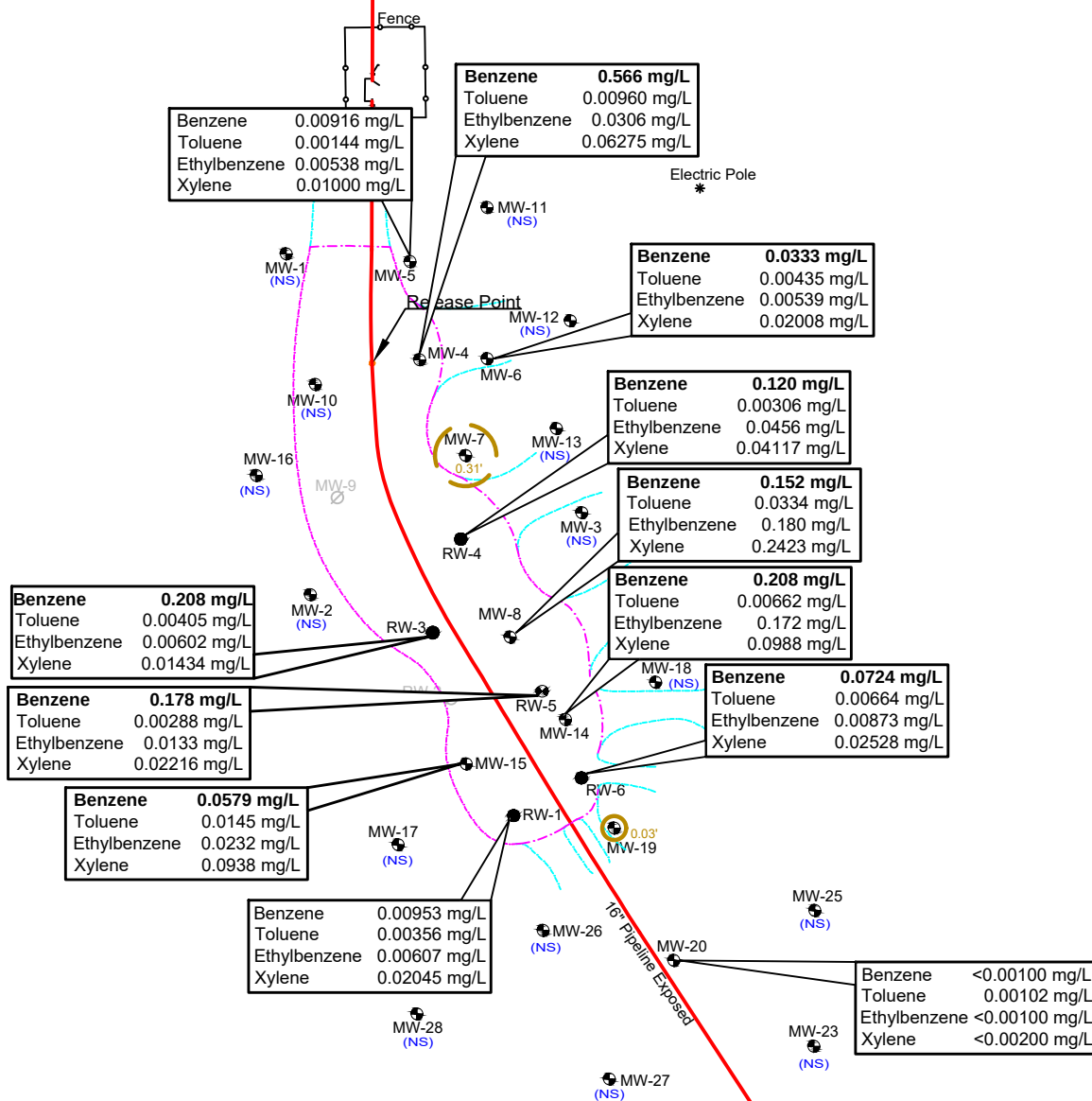
Figure 3B
Groundwater Concentration
and Inferred PSH Extent Map
(6/17/2020-6/18/2020)
Plains Marketing, L.P.
TNM 97-17
NMOCD Reference # AP-17-0
Lea County, NM

Scale: 1" = 100'

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**NOTE:**

- **BOLD** Indicates Concentration Above NMOCD Regulatory Limit

100 50 0 50 100

Distance in Feet

LEGEND:

- Monitor Well Location
- Recovery Well Location
- Release Point
- Pipeline
- Former 2012 Excavation
- Inferred PSH Extent
- 0.18' Thickness of PSH (feet)

<0.001 Constituent Concentration (mg/L)

(NW) No Water

(NS) Not Sampled

Figure 3C
Groundwater Concentration and Inferred PSH Extent Map
(8/12/2020-8/13/2020)
Plains Marketing, L.P.
TNM 97-17
NMOCD Reference # AP-17-0
Lea County, NM

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Checked By: CS

Draft: September 3, 2020

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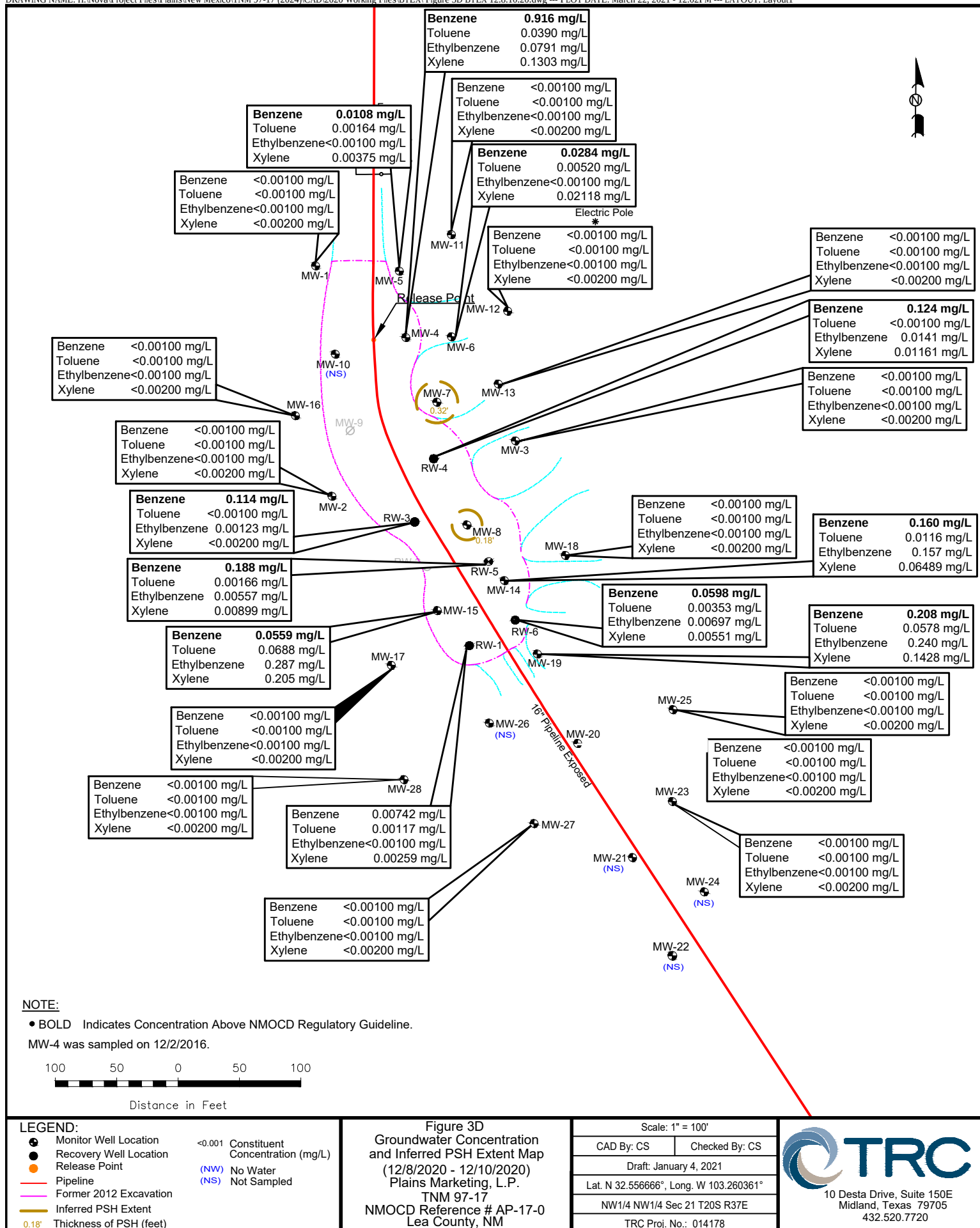
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TRC Proj. No.: 014178



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Tables

TABLE 1

2020 GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
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 - 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 - 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
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 - 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
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 - 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

TABLE 1

2020 GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
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 - 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
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 - 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

TABLE 1

2020 GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
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 - 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
MW - 8	12/10/20	3511.82	22.29	22.47	0.18	3489.50
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 - 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 - 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

TABLE 1

2020 GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
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 - 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 - 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 - 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

TABLE 1
2020 GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
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 - 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 - 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
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 - 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 - 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
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

TABLE 1

2020 GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
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 - 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
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 - 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
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 - 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 - 22	06/17/20	3506.66				
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 - 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

TABLE 1
2020 GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 24	06/17/20	3510.76				
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 - 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 - 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
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 - 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
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

TABLE 1

2020 GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
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 - 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 - 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 - 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

TABLE 1

2020 GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
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 - 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

Elevations based on the North American Vertical Datum of 1929.

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

TABLE 2

2020 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	03/04/20	Not Sampled on Current Sample Schedule				
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 - 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 - 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 - 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 - 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 - 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 - 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 - 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				

TABLE 2

2020 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	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 - 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 - 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 - 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 - 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 - 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 - 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 - 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	

TABLE 2

2020 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	03/04/20	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 - 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 - 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 - 21	03/04/20	<0.00100	<0.00100	0.00117	<0.00200	
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 - 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	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				
MW - 23	12/09/20	<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				
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	

TABLE 2

2020 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	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 - 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 - 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	
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 - 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 - 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 - 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 - 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	

2020 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	
		---	---	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	12/09/20	Not Sampled as part of Quarterly Monitoring Event.																			
MW-2	12/09/20	Not Sampled as part of Quarterly Monitoring Event.																			
MW-3	12/09/20	Not Sampled as part of Quarterly Monitoring Event.																			
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-5	12/09/20	Not Sampled as part of Quarterly Monitoring Event.																			
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-7	12/10/20	Not Sampled due to the presence of PSH.																			
MW-8	12/10/20	Not Sampled due to the presence of PSH.																			
MW-10	12/08/20	Not Sampled as part of Quarterly Monitoring Event.																			
MW-11	12/09/20	Not Sampled as part of Quarterly Monitoring Event.																			
MW-12	12/09/20	Not Sampled as part of Quarterly Monitoring Event.																			
MW-13	12/09/20	Not Sampled as part of Quarterly Monitoring Event.																			
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-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		

2020 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
		----	----	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	12/09/20	Not Sampled as part of Quarterly Monitoring Event.																	
MW-17	12/09/20	Not Sampled as part of Quarterly Monitoring Event.																	
MW-18	12/09/20	Not Sampled as part of Quarterly Monitoring Event.																	
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-20	12/09/20	Not Sampled as part of Quarterly Monitoring Event.																	
MW-21	12/08/20	Not Sampled as part of Quarterly Monitoring Event.																	
MW-22	12/08/20	Approved NMOCD Plugging and Abandonment																	
MW-23	12/09/20	Not Sampled as part of Quarterly Monitoring Event.																	
MW-24	12/08/20	Approved NMOCD Plugging and Abandonment																	
MW-25	12/09/20	Not Sampled as part of Quarterly Monitoring Event.																	
MW-26	12/08/20	Not Sampled as part of Quarterly Monitoring Event.																	
MW-27	12/09/20	Not Sampled as part of Quarterly Monitoring Event.																	
MW-28	12/09/20	Not Sampled as part of Quarterly Monitoring Event.																	
RW-1	12/10/20	Not Sampled as part of Quarterly Monitoring Event.																	

2020 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
		---	---	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	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-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-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-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

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
MW - 1	02/13/13	3510.90	-	21.49	0.00	3489.41

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 - 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
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

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	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 - 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
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

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	08/11/10	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
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

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	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 - 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
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

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	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
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

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	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
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 - 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

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	03/11/03	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
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

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	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
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

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	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
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

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	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
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

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	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
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

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	01/26/09	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
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

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	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
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

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	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
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

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	01/09/13	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
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

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	05/14/14	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
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

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	06/25/15	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
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

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	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
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

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	01/24/18	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
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

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	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	09/23/19	3513.35	-		0.00	3513.35
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
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 - 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

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	04/01/04	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
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

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	03/15/05	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
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

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	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
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

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	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
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

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	06/22/09	3509.96	-	20.38	0.00	3489.58
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
MW - 5	08/25/11	3509.96	-	21.33	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
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
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

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Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
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
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

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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	12/29/14	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
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

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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	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
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

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	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
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

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	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 - 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

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	07/07/03	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
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

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	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
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

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	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
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

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	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
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

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	02/12/08	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
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

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	04/13/09	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
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

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	02/08/10	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
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

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	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
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

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	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
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

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	08/20/14	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
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

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	09/08/15	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
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

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	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
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

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	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
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

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	06/28/19	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
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 - 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

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	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
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

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	01/21/05	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
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

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	10/24/05	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
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

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	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
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

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	03/05/08	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
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

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	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
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

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	02/08/10	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
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

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	05/24/11	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
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

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	05/14/13	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
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

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	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
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

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	09/08/15	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
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

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	12/06/16	3511.57	20.39	20.42	0.03	3491.18
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
MW - 7	05/17/19	3511.57	-	20.63	0.00	3490.94

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	05/23/19	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 - 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

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	01/27/03	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
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

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	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
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

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	08/04/05	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
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			

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	08/17/06	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
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

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	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
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

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	03/16/09	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
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

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	01/20/10	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
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

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	04/27/11	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
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

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	04/09/13	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	-
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

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	07/23/14	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
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

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	08/10/15	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
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

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	10/21/16	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
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

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	01/24/18	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
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

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	05/08/19	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
MW - 8	12/10/20	3511.82	22.29	22.47	0.18	3489.50
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

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	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
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

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	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
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

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	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
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

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	04/27/11	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
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

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	07/06/04	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
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

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	05/31/05	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
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

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	05/08/06	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
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

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	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
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

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	07/20/09	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
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

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	05/12/10	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
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

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	06/12/12	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
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

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	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
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

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	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
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 - 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
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

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	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
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

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	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 - 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
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

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	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
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

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	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 - 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
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

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	02/10/09	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
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

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	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 - 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

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	10/28/03	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
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

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	02/15/05	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
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

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	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
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

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	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
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

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	04/23/08	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
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

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	05/19/09	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
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

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	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
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

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	06/28/11	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
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

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	07/08/13	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
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

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	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
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

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	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
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

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	04/07/17	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
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

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	08/30/18	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
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

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	06/20/02	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
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

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	08/25/04	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
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

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	07/11/05	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
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

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	07/17/06	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
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

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	09/17/07	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
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

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	01/06/09	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
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

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	10/20/09	3506.48	18.08	18.27	0.19	3488.37
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
MW - 15	12/11/12	3506.48	20.08	20.27	0.19	3486.37

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	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
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

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	06/05/14	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
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

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	06/29/15	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
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

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	08/23/16	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
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

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	01/09/18	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
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

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	05/08/19	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 - 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
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

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	02/10/09	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
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

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	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 - 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

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	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
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

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	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
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 - 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

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	05/13/08	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
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

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	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
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 - 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

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	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
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

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	02/08/05	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
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

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	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
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

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	01/18/07	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
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

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	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
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

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	06/05/09	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
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

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	03/17/10	3507.28	sheen	18.78	0.00	3488.50
MW - 19	03/22/10	3507.28	sheen	18.73	0.00	3488.55
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

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	07/27/11	3507.28	-	19.13	0.00	3488.15
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
MW - 19	10/28/14	3511.96	-	22.32	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 - 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
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

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	11/18/15	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
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

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	02/10/17	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
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

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	06/13/18	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
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

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	06/18/20	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 - 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
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

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	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	01/04/09	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
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

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	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
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

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	01/13/14	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
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

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	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
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

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	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
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

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	08/16/17	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
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

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	01/16/19	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
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 - 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

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	02/27/07	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
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

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	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
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

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	07/11/18	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
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 - 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

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	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
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

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	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
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

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	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
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

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	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
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 - 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

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	02/12/08	3509.68	-	21.53	0.00	3488.15
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
MW - 25	08/14/08	3509.65	-	21.58	0.00	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 - 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
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

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	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 - 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
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

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	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
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

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	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 - 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

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	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
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

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	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
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 - 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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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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	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
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

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 - 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
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
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

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
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
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

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	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
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

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	11/05/07	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
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
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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	01/26/09	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
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

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 - 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
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

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	11/12/10	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
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

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	01/29/13	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
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

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	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
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

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	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
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

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 - 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
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

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	01/24/18	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
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

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	08/08/19	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
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 - 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
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

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	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
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

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	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
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

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	05/08/06	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
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

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	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
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

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	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
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

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	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
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

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	03/01/11	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
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

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	09/15/03	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
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

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	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
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

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	10/31/05	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
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
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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 - 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
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

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	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
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

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	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
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

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	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
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

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	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	-
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

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	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
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

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	08/25/15	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
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

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	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
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

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	04/02/18	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
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

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	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 - 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
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

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	06/17/04	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
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

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	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
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

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	04/17/06	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
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

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	06/19/07	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
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

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	02/13/09	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
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

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	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
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

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	01/18/11	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
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

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	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	-
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

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	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
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

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	01/18/16	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
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

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	03/29/17	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
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

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	08/08/18	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
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 - 5	11/05/02	3506.91	19.37	19.86	0.49	3487.47

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
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
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

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	09/13/04	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
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

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	07/18/05	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
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

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	07/17/06	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
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

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	09/24/07	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
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

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	01/06/09	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
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

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	10/15/09	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
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

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	09/13/10	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
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

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	07/13/12	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	-
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

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	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
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

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	05/11/15	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
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

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	06/06/16	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
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

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	09/29/17	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
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

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	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 - 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

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	08/21/03	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
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

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	01/21/05	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
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

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	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
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

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	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
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

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	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
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

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	04/30/09	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
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

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	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
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

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	05/24/11	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
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

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	05/08/13	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
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
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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	08/15/14	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
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

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	09/15/15	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
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

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	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
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

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	04/16/18	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
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

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	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

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 - 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				
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				

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	05/12/09	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				
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				

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	05/07/19	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 - 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				
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				

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	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				
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				

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	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 - 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	
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				

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	02/29/12	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	
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 - 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

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	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	
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	

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	11/21/13	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	
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 - 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				

TABLE 5
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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 - 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	
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	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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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	05/23/17	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 - 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				

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HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
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 - 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				
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				

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 - 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				
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				

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	11/19/14	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				
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 - 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	

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	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	
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	

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	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	
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	

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	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		
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 - 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		

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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	02/12/08	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	
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	

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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 - 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	
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 - 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 - 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	
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	

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	02/09/10	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	
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	

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	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 - 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				
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				

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	11/21/13	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 - 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				

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	08/15/07	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	
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	

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	08/17/17	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 - 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	
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	

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	02/10/09	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	
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	

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	02/12/19	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 - 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				
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				

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	08/11/10	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				
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				

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	08/12/20	Not Sampled on Current Sample Schedule				
MW - 17	12/09/20	<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	
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	

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	02/29/12	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	
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 - 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				

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	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				
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	

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	11/19/15	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	
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 - 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	

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	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	
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	

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	11/08/16	<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	
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 - 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	

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	11/06/07	<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	
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	

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	11/14/17	<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	
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 - 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				

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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
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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 - 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 - 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				
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				

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	05/02/12	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				
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

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	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					
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					

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	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 - 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
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

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	12/03/04	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				
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	

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	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 - 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
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				

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	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				
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				

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	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 - 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
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				

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 - 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				
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				

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 - 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	
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				
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				

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	08/10/11	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	
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 - 2	03/08/05	0.1400	<0.1	<0.1	<0.1	

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	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	
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

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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	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				
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	

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	11/19/14	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	
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 - 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	

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	05/13/08	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	
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	

TABLE 5
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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	05/22/18	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 - 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				

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	08/10/11	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				
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 - 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				

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	12/12/05	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				
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	

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HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
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	
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	
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	

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
		---	---	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-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.																	
MW-2	12/09/20	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
		----	----	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	----	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		----	
MW-3	11/12/08	<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-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	
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	

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
		---	---	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	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-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	<0.000721*	<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-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-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.																		
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	<0.000200
MW-6	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-6	11/14/17	0.000492	0.000441	0.000666	0.000636	<0.000167	<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

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		
		---	---	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	11/13/19	0.00044	0.00099	<0.00097	0.00071	<0.00097	0.00038	<0.00097	0.00020	0.0038	<0.00097	0.00090	0.0027	<0.00097	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-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	<0.00097	0.0044	<0.00097	0.0015	<0.00097	0.0013	0.024	<0.00097	0.0027	0.032	<0.00097	0.13	0.0070	0.59			0.049		
MW-7	12/10/20	Not Sampled due to the presence of PSH.																				
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.																				
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.																				

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
		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---	
MW-8	11/13/18	0.00046	0.00069	<0.00010	<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-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	<0.000183	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	<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.																		
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-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	<0.000184

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
		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---
MW-11	11/17/09	<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-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.																		
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.																		

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
		---	---	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-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-14	11/12/08	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	0.0233	<0.0184	0.0402	<0.0184	0.0377	0.147	0.137	0.0289	
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	0.0786	<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	0.0736	<0.000200	<0.000200	<0.000200	
MW-14	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-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	

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	
		---	---	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	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	<0.000721*	<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-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		
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.																			

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
		---	---	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	11/12/08	<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.																		
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-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.																		

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-17

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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
		---	---	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	11/12/08	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
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	0.00332	<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-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.																		

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
		---	---	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	11/12/08	<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.																		
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-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	<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	<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																		

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
		---	---	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	11/12/08	<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.																		
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-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																		

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
		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---	
MW-25	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.																		
MW-25	11/19/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	11/18/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	11/08/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	11/14/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	11/12/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	11/06/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	12/09/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-26	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	0.000312	<0.000185	0.000308	<0.000185	<0.000185	0.000204	<0.000185	0.000471
MW-26	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-26	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-26	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-26	12/06/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-26	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-26	11/19/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-26	11/18/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-26	11/08/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-26	11/14/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-26	11/12/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-26	11/06/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-26	12/08/20	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
		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---
MW-27	11/12/08	<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-27	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-27	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																	
MW-27	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																	
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-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.																	

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
		---	---	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	11/12/08	<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
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	<0.000200	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	<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	<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-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	<0.000184	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	<0.000948	0.0076	<0.000948	<0.000948
RW-3	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
		---	---	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	11/19/14	Not Sampled as part of Quarterly Monitoring Event.																		
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	<0.000165	0.000622	<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	<0.00010	0.00012	<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-4	11/12/08	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	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	<0.000184	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	<0.000184	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	<0.00010	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-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	<0.00184	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	<0.000926	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.																		
RW-5	11/19/14	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
		---	---	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	11/18/15	<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-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	

* = Sample Detection Limit (SDL)

Appendix A

2020 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: NM
Lab Order Number: 0C06001



NELAP/TCEQ # T104704516-17-8

Report Date: 03/09/20

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
MW10	0C06001-01	Water	03/04/20 12:35	03-06-2020 09:51
MW21	0C06001-02	Water	03/04/20 12:59	03-06-2020 09:51
MW26	0C06001-03	Water	03/04/20 13:30	03-06-2020 09:51
MW20	0C06001-04	Water	03/04/20 13:50	03-06-2020 09:51
MW6	0C06001-05	Water	03/04/20 14:15	03-06-2020 09:51
MW5	0C06001-06	Water	03/04/20 14:36	03-06-2020 09:51
RW1	0C06001-07	Water	03/04/20 15:12	03-06-2020 09:51
MW15	0C06001-08	Water	03/05/20 12:11	03-06-2020 09:51
RW6	0C06001-09	Water	03/05/20 12:29	03-06-2020 09:51
RW3	0C06001-10	Water	03/05/20 13:02	03-06-2020 09:51
MW19	0C06001-11	Water	03/05/20 13:20	03-06-2020 09:51
RW5	0C06001-12	Water	03/05/20 13:58	03-06-2020 09:51
MW14	0C06001-13	Water	03/05/20 14:12	03-06-2020 09:51
MW8	0C06001-14	Water	03/05/20 14:30	03-06-2020 09:51
RW4	0C06001-15	Water	03/05/20 14:47	03-06-2020 09:51
MW7	0C06001-16	Water	03/05/20 15:10	03-06-2020 09:51
MW4	0C06001-17	Water	03/05/20 15:37	03-06-2020 09:51

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

MW10

0C06001-01 (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	P0C0609	03/06/20	03/06/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Ethylbenzene	0.00175	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Xylene (p/m)	0.00317	0.00200	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Xylene (o)	0.00144	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		109 %	80-120		P0C0609	03/06/20	03/06/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.8 %	80-120		P0C0609	03/06/20	03/06/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW21

0C06001-02 (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	P0C0609	03/06/20	03/06/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Ethylbenzene	0.00117	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Xylene (o)	0.00119	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		95.7 %	80-120		P0C0609	03/06/20	03/06/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		101 %	80-120		P0C0609	03/06/20	03/06/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW26

0C06001-03 (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	P0C0609	03/06/20	03/06/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		96.6 %		80-120	P0C0609	03/06/20	03/06/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		99.4 %		80-120	P0C0609	03/06/20	03/06/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project Manager: Curt Stanley

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MW20

0C06001-04 (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	P0C0609	03/06/20	03/06/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Ethylbenzene	0.00507	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Xylene (o)	0.00211	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		96.2 %	80-120		P0C0609	03/06/20	03/06/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.5 %	80-120		P0C0609	03/06/20	03/06/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project Manager: Curt Stanley

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MW6

0C06001-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0260	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Toluene	0.00254	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Ethylbenzene	0.00694	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Xylene (p/m)	0.0151	0.00200	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Xylene (o)	0.00406	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		75.5 %		80-120	P0C0609	03/06/20	03/06/20	EPA 8021B	S-GC
<i>Surrogate: 1,4-Difluorobenzene</i>		99.7 %		80-120	P0C0609	03/06/20	03/06/20	EPA 8021B	

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Project Manager: Curt Stanley

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MW5

0C06001-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.00664	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Ethylbenzene	0.00179	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Xylene (p/m)	0.00324	0.00200	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Xylene (o)	0.00118	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		94.4 %	80-120		P0C0609	03/06/20	03/06/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		95.4 %	80-120		P0C0609	03/06/20	03/06/20	EPA 8021B	

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RW1

0C06001-07 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0401	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Toluene	0.00438	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Ethylbenzene	0.0122	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Xylene (p/m)	0.0258	0.00200	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Xylene (o)	0.0164	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		76.9 %		80-120	P0C0609	03/06/20	03/06/20	EPA 8021B	S-GC
<i>Surrogate: 1,4-Difluorobenzene</i>		99.1 %		80-120	P0C0609	03/06/20	03/06/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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MW15

0C06001-08 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0324	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Toluene	0.0124	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Ethylbenzene	0.0244	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Xylene (p/m)	0.0744	0.00200	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Xylene (o)	0.0310	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>74.9 %</i>		<i>80-120</i>	<i>P0C0609</i>	<i>03/06/20</i>	<i>03/06/20</i>	<i>EPA 8021B</i>	<i>S-GC</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>94.6 %</i>		<i>80-120</i>	<i>P0C0609</i>	<i>03/06/20</i>	<i>03/06/20</i>	<i>EPA 8021B</i>	

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Project Manager: Curt Stanley

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RW6

0C06001-09 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0535	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Toluene	0.0265	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Ethylbenzene	0.0548	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Xylene (p/m)	0.0862	0.00200	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Xylene (o)	0.0552	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		93.5 %	80-120		P0C0609	03/06/20	03/06/20	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		113 %	80-120		P0C0609	03/06/20	03/06/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project Manager: Curt Stanley

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RW3

0C06001-10 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0685	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Ethylbenzene	0.00161	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Xylene (p/m)	0.00211	0.00200	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		96.5 %	80-120		P0C0609	03/06/20	03/06/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.7 %	80-120		P0C0609	03/06/20	03/06/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project Number: TNM 97-17
Project Manager: Curt Stanley

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MW19

0C06001-11 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.185	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Toluene	0.0290	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Ethylbenzene	0.0584	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Xylene (p/m)	0.118	0.00200	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Xylene (o)	0.115	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		86.3 %	80-120		P0C0609	03/06/20	03/06/20	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		108 %	80-120		P0C0609	03/06/20	03/06/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project Manager: Curt Stanley

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RW5

0C06001-12 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.175	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Toluene	0.00373	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Ethylbenzene	0.0276	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Xylene (p/m)	0.0228	0.00200	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Xylene (o)	0.00807	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		93.6 %	80-120		P0C0609	03/06/20	03/06/20	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		101 %	80-120		P0C0609	03/06/20	03/06/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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MW14

0C06001-13 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.235	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Toluene	0.00229	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Ethylbenzene	0.110	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Xylene (p/m)	0.0422	0.00200	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Xylene (o)	0.00203	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>84.3 %</i>	<i>80-120</i>		<i>P0C0609</i>	<i>03/06/20</i>	<i>03/06/20</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>97.3 %</i>	<i>80-120</i>		<i>P0C0609</i>	<i>03/06/20</i>	<i>03/06/20</i>	<i>EPA 8021B</i>	

Permian Basin Environmental Lab, L.P.

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MW8

0C06001-14 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.102	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Toluene	0.0356	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Ethylbenzene	0.201	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Xylene (p/m)	0.231	0.00200	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Xylene (o)	0.176	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		88.8 %	80-120		P0C0609	03/06/20	03/06/20	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		94.7 %	80-120		P0C0609	03/06/20	03/06/20	EPA 8021B	

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RW4

0C06001-15 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.186	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Toluene	0.00240	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Ethylbenzene	0.0719	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Xylene (p/m)	0.0543	0.00200	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Xylene (o)	0.0116	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>104 %</i>	<i>80-120</i>		<i>P0C0609</i>	<i>03/06/20</i>	<i>03/06/20</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>97.9 %</i>	<i>80-120</i>		<i>P0C0609</i>	<i>03/06/20</i>	<i>03/06/20</i>	<i>EPA 8021B</i>	

Permian Basin Environmental Lab, L.P.

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MW7

0C06001-16 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.371	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Toluene	0.0382	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Ethylbenzene	0.226	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Xylene (p/m)	0.218	0.00200	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
Xylene (o)	0.160	0.00100	mg/L	1	P0C0609	03/06/20	03/06/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		68.5 %	80-120		P0C0609	03/06/20	03/06/20	EPA 8021B	S-GC
<i>Surrogate: 1,4-Difluorobenzene</i>		96.7 %	80-120		P0C0609	03/06/20	03/06/20	EPA 8021B	

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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

MW4

0C06001-17 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	1.18	0.00500	mg/L	5	P0C0609	03/06/20	03/06/20	EPA 8021B	
Toluene	0.0853	0.00500	mg/L	5	P0C0609	03/06/20	03/06/20	EPA 8021B	
Ethylbenzene	0.146	0.00500	mg/L	5	P0C0609	03/06/20	03/06/20	EPA 8021B	
Xylene (p/m)	0.317	0.0100	mg/L	5	P0C0609	03/06/20	03/06/20	EPA 8021B	
Xylene (o)	0.104	0.00500	mg/L	5	P0C0609	03/06/20	03/06/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		71.2 %		80-120	P0C0609	03/06/20	03/06/20	EPA 8021B	S-GC
<i>Surrogate: 1,4-Difluorobenzene</i>		94.6 %		80-120	P0C0609	03/06/20	03/06/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project Manager: Curt Stanley

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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 P0C0609 - General Preparation (GC)

Blank (P0C0609-BLK1)

Prepared & Analyzed: 03/06/20

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		97.0	80-120			

LCS (P0C0609-BS1)

Prepared & Analyzed: 03/06/20

Benzene	0.107	0.00100	mg/L	0.100		107	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.101	0.00100	"	0.100		101	80-120			
Xylene (p/m)	0.211	0.00200	"	0.200		106	80-120			
Xylene (o)	0.100	0.00100	"	0.100		100	80-120			
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		96.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		101	80-120			

LCS Dup (P0C0609-BSD1)

Prepared & Analyzed: 03/06/20

Benzene	0.109	0.00100	mg/L	0.100		109	80-120	1.33	20	
Toluene	0.103	0.00100	"	0.100		103	80-120	0.685	20	
Ethylbenzene	0.100	0.00100	"	0.100		100	80-120	0.437	20	
Xylene (p/m)	0.214	0.00200	"	0.200		107	80-120	0.979	20	
Xylene (o)	0.0998	0.00100	"	0.100		99.8	80-120	0.540	20	
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.124		"	0.120		104	80-120			

Calibration Blank (P0C0609-CCB1)

Prepared & Analyzed: 03/06/20

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.114		"	0.120		94.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.2	80-120			

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

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 P0C0609 - General Preparation (GC)

Calibration Blank (P0C0609-CCB2)

Prepared & Analyzed: 03/06/20

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	0.118		"	0.120		98.2	80-120			

Calibration Check (P0C0609-CCV1)

Prepared & Analyzed: 03/06/20

Benzene	0.104	0.00100	mg/L	0.100		104	80-120			
Toluene	0.0974	0.00100	"	0.100		97.4	80-120			
Ethylbenzene	0.0966	0.00100	"	0.100		96.6	80-120			
Xylene (p/m)	0.199	0.00200	"	0.200		99.3	80-120			
Xylene (o)	0.0951	0.00100	"	0.100		95.1	80-120			
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		101	80-120			

Calibration Check (P0C0609-CCV2)

Prepared & Analyzed: 03/06/20

Benzene	0.103	0.00100	mg/L	0.100		103	80-120			
Toluene	0.0978	0.00100	"	0.100		97.8	80-120			
Ethylbenzene	0.0980	0.00100	"	0.100		98.0	80-120			
Xylene (p/m)	0.195	0.00200	"	0.200		97.5	80-120			
Xylene (o)	0.0892	0.00100	"	0.100		89.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		101	80-120			

Calibration Check (P0C0609-CCV3)

Prepared & Analyzed: 03/06/20

Benzene	0.0979	0.00100	mg/L	0.100		97.9	80-120			
Toluene	0.0855	0.00100	"	0.100		85.5	80-120			
Ethylbenzene	0.0834	0.00100	"	0.100		83.4	80-120			
Xylene (p/m)	0.166	0.00200	"	0.200		83.0	80-120			
Xylene (o)	0.0812	0.00100	"	0.100		81.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		93.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.127		"	0.120		106	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

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 P0C0609 - General Preparation (GC)

Matrix Spike (P0C0609-MS1)	Source: 0C06001-01			Prepared & Analyzed: 03/06/20						
Benzene	0.110	0.00100	mg/L	0.100	ND	110	80-120			
Toluene	0.0996	0.00100	"	0.100	ND	99.6	80-120			
Ethylbenzene	0.115	0.00100	"	0.100	0.00175	114	80-120			
Xylene (p/m)	0.184	0.00200	"	0.200	0.00317	90.5	80-120			
Xylene (o)	0.0844	0.00100	"	0.100	0.00144	83.0	80-120			
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		95.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.125		"	0.120		104	80-120			

Permian Basin Environmental Lab, L.P.

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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

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

3/9/2020

Brent Barron, Laboratory Director/Technical Director

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Permian Basin Environmental Lab, L.P.

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CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79708

Phone: 432-686-7236

Project Manager:

Curt Stanley

Company Name

TRC Solutions

Company Address:

10 Design Dr

City/State/Zip:

Midland TX 79705

Telephone No:

(432)

Fax No:

Sampler Signature:

Elmer Houser

e-mail:

Report Format:

☐ Standard

☐ TRAP

☐ NPDES

PO #:

Project Loc:

Project #:

Project Name:

97-17

Page 24 of 25

(lab use only)

ORDER #: 00000001

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)	Matrix	TPH by TX 1005 8015B 8015M	Chloride	BTEX by 8021B
1	MW10			3-4	1235		3	X		X							GW		
2	MW21				1259		1												
3	MW26				1330		1												
4	MW20				1350		1												
5	MW6				1415		1												
6	MW5				1436		1												
7	MW1				1512		1												
8	MW15			3-5	1211		1												
9	MW6				1229		1												
10	MW3				1302		1												

Special Instructions:

Relinquished by:

Elmer Houser

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?

VOGs Free of Headspace?

Labels on container(s)?

Custody seals on container(s)?

Sample Hand Delivered?

by Courier? UPS DHL

Temperature Upon Receipt:

Adjusted: 47.6-7

FedEx Lone Star



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

Phone: 432-686-7235

Eort Stanley

TPC Solutions

10 Pesta Dn

Midland TX 79705

Fax No:

e-mail:

Report Format: ☐ Standard

POINT

Project Name:

Project #:

Project Loc:

Page 25 of 25

Preservation & # of Containers

Matrix

[illegible][illegible]

Relinquished by:	Date	Time	Received by:	Date	Time	Labels on container(s)	Y
Relinquished by:	Date	Time	Received by:	Date	Time	Custody seals on container(s)	Y
Relinquished by:	Date	Time	Received by:	Date	Time	Custody seals on cooler(s)	Y
Relinquished by:	Date	Time	Received by:	Date	Time	Sample Hand Delivered	Y
Relinquished by:	Date	Time	Received by:	Date	Time	by Sampler/Client Rep.?	Y
Relinquished by:	Date	Time	Received by:	Date	Time	by Courier?	Y
Relinquished by:	Date	Time	Received by:	Date	Time	UPS	Y
Relinquished by:	Date	Time	Received by:	Date	Time	DHL	Y
Relinquished by:	Date	Time	Received by:	Date	Time	Temperature Upon Receipt	Y
Relinquished by:	Date	Time	Received by:	Date	Time	Adjusted:	Y

**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: 0F19008



NELAP/TCEQ # T104704516-17-8

Report Date: 06/29/20

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
MW25	0F19008-01	Water	06/17/20 16:22	06-19-2020 09:35
MW27	0F19008-02	Water	06/17/20 16:47	06-19-2020 09:35
MW23	0F19008-03	Water	06/17/20 17:11	06-19-2020 09:35
MW20	0F19008-04	Water	06/18/20 10:30	06-19-2020 09:35
MW5	0F19008-05	Water	06/18/20 10:48	06-19-2020 09:35
MW6	0F19008-06	Water	06/18/20 11:09	06-19-2020 09:35
MW15	0F19008-07	Water	06/18/20 11:31	06-19-2020 09:35
RW1	0F19008-08	Water	06/18/20 11:59	06-19-2020 09:35
RW6	0F19008-09	Water	06/18/20 12:20	06-19-2020 09:35
RW3	0F19008-10	Water	06/18/20 12:57	06-19-2020 09:35
MW8	0F19008-11	Water	06/18/20 13:11	06-19-2020 09:35
RW5	0F19008-12	Water	06/18/20 13:44	06-19-2020 09:35
MW19	0F19008-13	Water	06/18/20 14:04	06-19-2020 09:35
RW4	0F19008-14	Water	06/18/20 14:19	06-19-2020 09:35
MW14	0F19008-15	Water	06/18/20 14:35	06-19-2020 09:35
MW4	0F19008-16	Water	06/18/20 14:52	06-19-2020 09:35

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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

MW25

0F19008-01 (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	P0F2203	06/22/20	06/23/20	EPA 8021B	
Toluene	ND	0.00500	mg/L	1	P0F2203	06/22/20	06/23/20	EPA 8021B	
Ethylbenzene	ND	0.00500	mg/L	1	P0F2203	06/22/20	06/23/20	EPA 8021B	
Xylene (p/m)	ND	0.00500	mg/L	1	P0F2203	06/22/20	06/23/20	EPA 8021B	
Xylene (o)	ND	0.00500	mg/L	1	P0F2203	06/22/20	06/23/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		97.6 %		80-120	P0F2203	06/22/20	06/23/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.9 %		80-120	P0F2203	06/22/20	06/23/20	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

MW27

0F19008-02 (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	P0F2203	06/22/20	06/23/20	EPA 8021B	
Toluene	ND	0.00500	mg/L	1	P0F2203	06/22/20	06/23/20	EPA 8021B	
Ethylbenzene	ND	0.00500	mg/L	1	P0F2203	06/22/20	06/23/20	EPA 8021B	
Xylene (p/m)	ND	0.00500	mg/L	1	P0F2203	06/22/20	06/23/20	EPA 8021B	
Xylene (o)	ND	0.00500	mg/L	1	P0F2203	06/22/20	06/23/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		97.0 %	80-120		P0F2203	06/22/20	06/23/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.4 %	80-120		P0F2203	06/22/20	06/23/20	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

MW23

0F19008-03 (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	P0F2203	06/22/20	06/23/20	EPA 8021B	
Toluene	ND	0.00500	mg/L	1	P0F2203	06/22/20	06/23/20	EPA 8021B	
Ethylbenzene	ND	0.00500	mg/L	1	P0F2203	06/22/20	06/23/20	EPA 8021B	
Xylene (p/m)	ND	0.00500	mg/L	1	P0F2203	06/22/20	06/23/20	EPA 8021B	
Xylene (o)	ND	0.00500	mg/L	1	P0F2203	06/22/20	06/23/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		98.7 %	80-120		P0F2203	06/22/20	06/23/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		98.1 %	80-120		P0F2203	06/22/20	06/23/20	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

MW20

0F19008-04 (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	P0F2203	06/22/20	06/23/20	EPA 8021B	
Toluene	ND	0.00500	mg/L	1	P0F2203	06/22/20	06/23/20	EPA 8021B	
Ethylbenzene	ND	0.00500	mg/L	1	P0F2203	06/22/20	06/23/20	EPA 8021B	
Xylene (p/m)	ND	0.00500	mg/L	1	P0F2203	06/22/20	06/23/20	EPA 8021B	
Xylene (o)	ND	0.00500	mg/L	1	P0F2203	06/22/20	06/23/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		94.4 %	80-120		P0F2203	06/22/20	06/23/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		101 %	80-120		P0F2203	06/22/20	06/23/20	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

MW5

0F19008-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.00376	0.00100	mg/L	1	P0F2203	06/22/20	06/24/20	EPA 8021B	
Toluene	ND	0.00500	mg/L	1	P0F2203	06/22/20	06/24/20	EPA 8021B	
Ethylbenzene	ND	0.00500	mg/L	1	P0F2203	06/22/20	06/24/20	EPA 8021B	
Xylene (p/m)	0.00706	0.00500	mg/L	1	P0F2203	06/22/20	06/24/20	EPA 8021B	
Xylene (o)	0.00783	0.00500	mg/L	1	P0F2203	06/22/20	06/24/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		98.6 %		80-120	P0F2203	06/22/20	06/24/20	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		95.0 %		80-120	P0F2203	06/22/20	06/24/20	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

MW6

0F19008-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0411	0.00100	mg/L	1	P0F2306	06/23/20	06/24/20	EPA 8021B	
Toluene	0.00554	0.00500	mg/L	1	P0F2306	06/23/20	06/24/20	EPA 8021B	
Ethylbenzene	0.00877	0.00500	mg/L	1	P0F2306	06/23/20	06/24/20	EPA 8021B	
Xylene (p/m)	0.0209	0.00500	mg/L	1	P0F2306	06/23/20	06/24/20	EPA 8021B	
Xylene (o)	0.0111	0.00500	mg/L	1	P0F2306	06/23/20	06/24/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		67.5 %	80-120		P0F2306	06/23/20	06/24/20	EPA 8021B	S-GC
<i>Surrogate: 1,4-Difluorobenzene</i>		102 %	80-120		P0F2306	06/23/20	06/24/20	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

MW15

0F19008-07 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0456	0.00100	mg/L	1	P0F2306	06/23/20	06/24/20	EPA 8021B	
Toluene	0.0142	0.00500	mg/L	1	P0F2306	06/23/20	06/24/20	EPA 8021B	
Ethylbenzene	0.0205	0.00500	mg/L	1	P0F2306	06/23/20	06/24/20	EPA 8021B	
Xylene (p/m)	0.0705	0.00500	mg/L	1	P0F2306	06/23/20	06/24/20	EPA 8021B	
Xylene (o)	0.0378	0.00500	mg/L	1	P0F2306	06/23/20	06/24/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		63.0 %	80-120		P0F2306	06/23/20	06/24/20	EPA 8021B	S-GC
<i>Surrogate: 1,4-Difluorobenzene</i>		96.3 %	80-120		P0F2306	06/23/20	06/24/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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RW1

0F19008-08 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.00682	0.00100	mg/L	1	P0F2306	06/23/20	06/24/20	EPA 8021B	
Toluene	ND	0.00500	mg/L	1	P0F2306	06/23/20	06/24/20	EPA 8021B	
Ethylbenzene	0.00587	0.00500	mg/L	1	P0F2306	06/23/20	06/24/20	EPA 8021B	
Xylene (p/m)	0.0179	0.00500	mg/L	1	P0F2306	06/23/20	06/24/20	EPA 8021B	
Xylene (o)	0.00944	0.00500	mg/L	1	P0F2306	06/23/20	06/24/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		99.9 %	80-120		P0F2306	06/23/20	06/24/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.6 %	80-120		P0F2306	06/23/20	06/24/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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RW6

0F19008-09 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0625	0.00100	mg/L	1	P0F2306	06/23/20	06/24/20	EPA 8021B	
Toluene	0.00822	0.00500	mg/L	1	P0F2306	06/23/20	06/24/20	EPA 8021B	
Ethylbenzene	0.0130	0.00500	mg/L	1	P0F2306	06/23/20	06/24/20	EPA 8021B	
Xylene (p/m)	0.0242	0.00500	mg/L	1	P0F2306	06/23/20	06/24/20	EPA 8021B	
Xylene (o)	0.0147	0.00500	mg/L	1	P0F2306	06/23/20	06/24/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>100 %</i>	<i>80-120</i>		<i>P0F2306</i>	<i>06/23/20</i>	<i>06/24/20</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>98.2 %</i>	<i>80-120</i>		<i>P0F2306</i>	<i>06/23/20</i>	<i>06/24/20</i>	<i>EPA 8021B</i>	

Permian Basin Environmental Lab, L.P.

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RW3

0F19008-10 (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	P0F2306	06/23/20	06/24/20	EPA 8021B	
Toluene	ND	0.00500	mg/L	1	P0F2306	06/23/20	06/24/20	EPA 8021B	
Ethylbenzene	ND	0.00500	mg/L	1	P0F2306	06/23/20	06/24/20	EPA 8021B	
Xylene (p/m)	0.00684	0.00500	mg/L	1	P0F2306	06/23/20	06/24/20	EPA 8021B	
Xylene (o)	0.0111	0.00500	mg/L	1	P0F2306	06/23/20	06/24/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		87.3 %	80-120		P0F2306	06/23/20	06/24/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		95.2 %	80-120		P0F2306	06/23/20	06/24/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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MW8

0F19008-11 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.241	0.00500	mg/L	5	P0F2306	06/23/20	06/24/20	EPA 8021B	
Toluene	0.212	0.0250	mg/L	5	P0F2306	06/23/20	06/24/20	EPA 8021B	
Ethylbenzene	0.519	0.0250	mg/L	5	P0F2306	06/23/20	06/24/20	EPA 8021B	
Xylene (p/m)	0.921	0.0250	mg/L	5	P0F2306	06/23/20	06/24/20	EPA 8021B	
Xylene (o)	0.314	0.0250	mg/L	5	P0F2306	06/23/20	06/24/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		68.0 %		80-120	P0F2306	06/23/20	06/24/20	EPA 8021B	S-GC
<i>Surrogate: 1,4-Difluorobenzene</i>		101 %		80-120	P0F2306	06/23/20	06/24/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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RW5

0F19008-12 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.144	0.00100	mg/L	1	P0F2306	06/23/20	06/24/20	EPA 8021B	
Toluene	0.00701	0.00500	mg/L	1	P0F2306	06/23/20	06/24/20	EPA 8021B	
Ethylbenzene	0.0312	0.00500	mg/L	1	P0F2306	06/23/20	06/24/20	EPA 8021B	
Xylene (p/m)	0.0488	0.00500	mg/L	1	P0F2306	06/23/20	06/24/20	EPA 8021B	
Xylene (o)	0.0145	0.00500	mg/L	1	P0F2306	06/23/20	06/24/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>106 %</i>	<i>80-120</i>		<i>P0F2306</i>	<i>06/23/20</i>	<i>06/24/20</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>100 %</i>	<i>80-120</i>		<i>P0F2306</i>	<i>06/23/20</i>	<i>06/24/20</i>	<i>EPA 8021B</i>	

Permian Basin Environmental Lab, L.P.

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MW19

0F19008-13 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.158	0.00100	mg/L	1	P0F2306	06/23/20	06/24/20	EPA 8021B	
Toluene	0.0310	0.00500	mg/L	1	P0F2306	06/23/20	06/24/20	EPA 8021B	
Ethylbenzene	0.0569	0.00500	mg/L	1	P0F2306	06/23/20	06/24/20	EPA 8021B	
Xylene (p/m)	0.121	0.00500	mg/L	1	P0F2306	06/23/20	06/24/20	EPA 8021B	
Xylene (o)	0.0515	0.00500	mg/L	1	P0F2306	06/23/20	06/24/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>69.3 %</i>	<i>80-120</i>		<i>P0F2306</i>	<i>06/23/20</i>	<i>06/24/20</i>	<i>EPA 8021B</i>	<i>S-GC</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>107 %</i>	<i>80-120</i>		<i>P0F2306</i>	<i>06/23/20</i>	<i>06/24/20</i>	<i>EPA 8021B</i>	

Permian Basin Environmental Lab, L.P.

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RW4

0F19008-14 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0795	0.00100	mg/L	1	P0F2306	06/23/20	06/24/20	EPA 8021B	
Toluene	ND	0.00500	mg/L	1	P0F2306	06/23/20	06/24/20	EPA 8021B	
Ethylbenzene	0.0207	0.00500	mg/L	1	P0F2306	06/23/20	06/24/20	EPA 8021B	
Xylene (p/m)	0.0262	0.00500	mg/L	1	P0F2306	06/23/20	06/24/20	EPA 8021B	
Xylene (o)	0.00674	0.00500	mg/L	1	P0F2306	06/23/20	06/24/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		96.7 %	80-120		P0F2306	06/23/20	06/24/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		95.4 %	80-120		P0F2306	06/23/20	06/24/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project Manager: Curt Stanley

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MW14

0F19008-15 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.147	0.00100	mg/L	1	P0F2306	06/23/20	06/24/20	EPA 8021B	
Toluene	0.00505	0.00500	mg/L	1	P0F2306	06/23/20	06/24/20	EPA 8021B	
Ethylbenzene	0.140	0.00500	mg/L	1	P0F2306	06/23/20	06/24/20	EPA 8021B	
Xylene (p/m)	0.0951	0.00500	mg/L	1	P0F2306	06/23/20	06/24/20	EPA 8021B	
Xylene (o)	0.0126	0.00500	mg/L	1	P0F2306	06/23/20	06/24/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>95.1 %</i>	<i>80-120</i>		<i>P0F2306</i>	<i>06/23/20</i>	<i>06/24/20</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>101 %</i>	<i>80-120</i>		<i>P0F2306</i>	<i>06/23/20</i>	<i>06/24/20</i>	<i>EPA 8021B</i>	

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MW4

0F19008-16 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.530	0.00500	mg/L	5	P0F2306	06/23/20	06/24/20	EPA 8021B	
Toluene	0.0624	0.0250	mg/L	5	P0F2306	06/23/20	06/24/20	EPA 8021B	
Ethylbenzene	0.0990	0.0250	mg/L	5	P0F2306	06/23/20	06/24/20	EPA 8021B	
Xylene (p/m)	0.286	0.0250	mg/L	5	P0F2306	06/23/20	06/24/20	EPA 8021B	
Xylene (o)	0.0686	0.0250	mg/L	5	P0F2306	06/23/20	06/24/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		98.0 %		80-120	P0F2306	06/23/20	06/24/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		91.3 %		80-120	P0F2306	06/23/20	06/24/20	EPA 8021B	

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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 P0F2203 - General Preparation (GC)

Blank (P0F2203-BLK1)

Prepared: 06/22/20 Analyzed: 06/23/20

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00500	"							
Ethylbenzene	ND	0.00500	"							
Xylene (p/m)	ND	0.00500	"							
Xylene (o)	ND	0.00500	"							
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		96.0	80-120			

LCS (P0F2203-BS1)

Prepared: 06/22/20 Analyzed: 06/23/20

Benzene	0.0846	0.00100	mg/L	0.100		84.6	80-120			
Toluene	0.0945	0.00500	"	0.100		94.5	80-120			
Ethylbenzene	0.105	0.00500	"	0.100		105	80-120			
Xylene (p/m)	0.215	0.00500	"	0.200		108	80-120			
Xylene (o)	0.111	0.00500	"	0.100		111	80-120			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		100	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.7	80-120			

LCS Dup (P0F2203-BSD1)

Prepared: 06/22/20 Analyzed: 06/23/20

Benzene	0.0826	0.00100	mg/L	0.100		82.6	80-120	2.33	20	
Toluene	0.0921	0.00500	"	0.100		92.1	80-120	2.55	20	
Ethylbenzene	0.108	0.00500	"	0.100		108	80-120	3.59	20	
Xylene (p/m)	0.212	0.00500	"	0.200		106	80-120	1.35	20	
Xylene (o)	0.113	0.00500	"	0.100		113	80-120	1.43	20	
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.7	80-120			

Calibration Check (P0F2203-CCV1)

Prepared: 06/22/20 Analyzed: 06/23/20

Benzene	0.0856	0.00100	mg/L	0.100		85.6	80-120			
Toluene	0.0946	0.00500	"	0.100		94.6	80-120			
Ethylbenzene	0.0997	0.00500	"	0.100		99.7	80-120			
Xylene (p/m)	0.209	0.00500	"	0.200		105	80-120			
Xylene (o)	0.111	0.00500	"	0.100		111	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.1	80-120			

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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 P0F2203 - General Preparation (GC)

Calibration Check (P0F2203-CCV2)				Prepared: 06/22/20		Analyzed: 06/23/20				
Benzene	0.0868	0.00100	mg/L	0.100		86.8	80-120			
Toluene	0.0952	0.00500	"	0.100		95.2	80-120			
Ethylbenzene	0.103	0.00500	"	0.100		103	80-120			
Xylene (p/m)	0.212	0.00500	"	0.200		106	80-120			
Xylene (o)	0.109	0.00500	"	0.100		109	80-120			
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		96.1	80-120			

Calibration Check (P0F2203-CCV3)				Prepared: 06/22/20		Analyzed: 06/24/20				
Benzene	0.0879	0.00100	mg/L	0.100		87.9	80-120			
Toluene	0.0945	0.00500	"	0.100		94.5	80-120			
Ethylbenzene	0.0994	0.00500	"	0.100		99.4	80-120			
Xylene (p/m)	0.205	0.00500	"	0.200		103	80-120			
Xylene (o)	0.112	0.00500	"	0.100		112	80-120			
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		93.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.0	80-120			

Matrix Spike (P0F2203-MS1)				Source: 0F18006-11		Prepared: 06/22/20		Analyzed: 06/24/20			
Benzene	0.140	0.00100	mg/L	0.100	0.0933	47.0	80-120			QM-07	
Toluene	0.102	0.00500	"	0.100	ND	102	80-120				
Ethylbenzene	0.108	0.00500	"	0.100	ND	108	80-120				
Xylene (p/m)	0.235	0.00500	"	0.200	0.0269	104	80-120				
Xylene (o)	0.115	0.00500	"	0.100	ND	115	80-120				
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		93.7	80-120				
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	80-120				

Matrix Spike Dup (P0F2203-MSD1)				Source: 0F18006-11		Prepared: 06/22/20		Analyzed: 06/24/20			
Benzene	0.137	0.00100	mg/L	0.100	0.0933	44.0	80-120	6.70	20	QM-07	
Toluene	0.100	0.00500	"	0.100	ND	100	80-120	1.52	20		
Ethylbenzene	0.111	0.00500	"	0.100	ND	111	80-120	3.49	20		
Xylene (p/m)	0.236	0.00500	"	0.200	0.0269	104	80-120	0.216	20		
Xylene (o)	0.116	0.00500	"	0.100	ND	116	80-120	0.425	20		
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.2	80-120				
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		98.9	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

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 P0F2306 - General Preparation (GC)

Blank (P0F2306-BLK1)

Prepared: 06/23/20 Analyzed: 06/24/20

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00500	"							
Ethylbenzene	ND	0.00500	"							
Xylene (p/m)	ND	0.00500	"							
Xylene (o)	ND	0.00500	"							
Surrogate: 4-Bromofluorobenzene	0.111		"	0.120		92.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.8	80-120			

LCS (P0F2306-BS1)

Prepared: 06/23/20 Analyzed: 06/24/20

Benzene	0.0882	0.00100	mg/L	0.100		88.2	80-120			
Toluene	0.0940	0.00500	"	0.100		94.0	80-120			
Ethylbenzene	0.107	0.00500	"	0.100		107	80-120			
Xylene (p/m)	0.214	0.00500	"	0.200		107	80-120			
Xylene (o)	0.111	0.00500	"	0.100		111	80-120			
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		93.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.1	80-120			

LCS Dup (P0F2306-BS1)

Prepared: 06/23/20 Analyzed: 06/24/20

Benzene	0.0858	0.00100	mg/L	0.100		85.8	80-120	2.77	20	
Toluene	0.0948	0.00500	"	0.100		94.8	80-120	0.826	20	
Ethylbenzene	0.109	0.00500	"	0.100		109	80-120	2.58	20	
Xylene (p/m)	0.214	0.00500	"	0.200		107	80-120	0.206	20	
Xylene (o)	0.110	0.00500	"	0.100		110	80-120	0.767	20	
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		94.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.2	80-120			

Calibration Check (P0F2306-CCV1)

Prepared: 06/23/20 Analyzed: 06/24/20

Benzene	0.0879	0.00100	mg/L	0.100		87.9	80-120			
Toluene	0.0945	0.00500	"	0.100		94.5	80-120			
Ethylbenzene	0.0994	0.00500	"	0.100		99.4	80-120			
Xylene (p/m)	0.205	0.00500	"	0.200		103	80-120			
Xylene (o)	0.112	0.00500	"	0.100		112	80-120			
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		93.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.0	80-120			

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

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 P0F2306 - General Preparation (GC)

Calibration Check (P0F2306-CCV2)				Prepared: 06/23/20		Analyzed: 06/24/20				
Benzene	0.0873	0.00100	mg/L	0.100		87.3	80-120			
Toluene	0.0936	0.00500	"	0.100		93.6	80-120			
Ethylbenzene	0.100	0.00500	"	0.100		100	80-120			
Xylene (p/m)	0.204	0.00500	"	0.200		102	80-120			
Xylene (o)	0.106	0.00500	"	0.100		106	80-120			
Surrogate: 4-Bromofluorobenzene	0.110		"	0.120		91.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.2	80-120			

Calibration Check (P0F2306-CCV3)				Prepared: 06/23/20		Analyzed: 06/24/20				
Benzene	0.0884	0.00100	mg/L	0.100		88.4	80-120			
Toluene	0.0960	0.00500	"	0.100		96.0	80-120			
Ethylbenzene	0.101	0.00500	"	0.100		101	80-120			
Xylene (p/m)	0.207	0.00500	"	0.200		103	80-120			
Xylene (o)	0.112	0.00500	"	0.100		112	80-120			
Surrogate: 4-Bromofluorobenzene	0.109		"	0.120		90.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.5	80-120			

Matrix Spike (P0F2306-MS1)				Source: 0F19008-06		Prepared: 06/23/20		Analyzed: 06/24/20			
Benzene	0.103	0.00100	mg/L	0.100	0.0411	62.0	80-120			QM-07	
Toluene	0.0843	0.00500	"	0.100	0.00554	78.8	80-120			QM-07	
Ethylbenzene	0.108	0.00500	"	0.100	0.00877	99.0	80-120				
Xylene (p/m)	0.192	0.00500	"	0.200	0.0209	85.6	80-120				
Xylene (o)	0.111	0.00500	"	0.100	0.0111	100	80-120				
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		96.2	80-120				
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.3	80-120				

Matrix Spike Dup (P0F2306-MSD1)				Source: 0F19008-06		Prepared: 06/23/20		Analyzed: 06/24/20			
Benzene	0.107	0.00100	mg/L	0.100	0.0411	66.2	80-120	6.43	20	QM-07	
Toluene	0.0889	0.00500	"	0.100	0.00554	83.4	80-120	5.72	20		
Ethylbenzene	0.117	0.00500	"	0.100	0.00877	108	80-120	8.63	20		
Xylene (p/m)	0.209	0.00500	"	0.200	0.0209	93.9	80-120	9.31	20		
Xylene (o)	0.124	0.00500	"	0.100	0.0111	112	80-120	11.7	20		
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.8	80-120				
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.5	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

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:

6/29/2020

Brent Barron, Laboratory Director/Technical Director

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Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235



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

Phone: 432-686-7235

Project Manager:

Project Name:

97-17

Company Name

Project #:

Company Address:

Project Location:

City/State/Zip:

PO 新

Telephone No:

Fax No.:

Report Format ☐ Standard

Sampler Signature:

e-mail:

ORDER #: 0F19008

Released to Imaging: 1/11/2022 2:22:25 PM

PBMLAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-688-7235

Project Manager:

Curt Staley

Project Name:

97-17

Company Name:

TRC

Project #:

Company Address:

10 Dosta Dr

Project Loc:

City/State/Zip:

Midland TX 79705

PO #:

Telephone No:

(432) 520-7720

Report Format ☐ Standard ☐ TRRP ☐ NPDES

Fax No:

Sampler Signature:

H. Staley

e-mail:

(Lab use only)

ORDER #: DE19008

LAB # (Lab use only)

FIELD CODE

Beginning Depth

Ending Depth

Date Sampled

Time Sampled

Field Filtered

Total #. of Containers

Ice

HNO₃

HCl

H₂SO₄

NaOH

Na₂S₂O₃

None

Other (Specify)

DW=Drinking Water SL=Sludge

GW = Groundwater S=Soil/Solid

NP=Non-Potable specify Other

TPH: TX 1005 TX 1006

Anions (Cl, SO₄, Alkalinity)

BTEX 8021B/5030 or BTEX 8260

RUSH TAT (Pre-Schedule) 24, 48, 72 hrs

Standard TAT

Preservation & # of Containers

Matrix

Analyze For:

TCLP:

TOTAL:

Special Instructions:

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

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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:
Lab Order Number: 0H14003



NELAP/TCEQ # T104704516-17-8

Report Date: 08/28/20

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
MW20	0H14003-01	Water	08/13/20 10:57	08-14-2020 09:15
MW5	0H14003-02	Water	08/13/20 11:23	08-14-2020 09:15
RW1	0H14003-03	Water	08/13/20 11:52	08-14-2020 09:15
MW6	0H14003-04	Water	08/13/20 12:07	08-14-2020 09:15
MW15	0H14003-05	Water	08/13/20 12:29	08-14-2020 09:15
RW6	0H14003-06	Water	08/13/20 12:51	08-14-2020 09:15
RW4	0H14003-07	Water	08/13/20 13:06	08-14-2020 09:15
RW3	0H14003-08	Water	08/13/20 13:37	08-14-2020 09:15
RW5	0H14003-09	Water	08/13/20 14:09	08-14-2020 09:15
MW14	0H14003-10	Water	08/13/20 14:24	08-14-2020 09:15
MW8	0H14003-11	Water	08/13/20 14:52	08-14-2020 09:15
MW4	0H14003-12	Water	08/13/20 15:17	08-14-2020 09:15

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

MW20
0H14003-01 (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	P0H1403	08/14/20	08/14/20	EPA 8021B
Toluene	0.00102	0.00100	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B
Surrogate: 4-Bromofluorobenzene		100 %	80-120		P0H1403	08/14/20	08/14/20	EPA 8021B
Surrogate: 1,4-Difluorobenzene		95.1 %	80-120		P0H1403	08/14/20	08/14/20	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

MW5

0H14003-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.00916	0.00100	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
Toluene	0.00144	0.00100	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
Ethylbenzene	0.00538	0.00100	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
Xylene (p/m)	0.00613	0.00200	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
Xylene (o)	0.00387	0.00100	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>94.4 %</i>		<i>80-120</i>	<i>P0H1403</i>	<i>08/14/20</i>	<i>08/14/20</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>91.9 %</i>		<i>80-120</i>	<i>P0H1403</i>	<i>08/14/20</i>	<i>08/14/20</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

RW1

0H14003-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.00953	0.00100	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
Toluene	0.00356	0.00100	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
Ethylbenzene	0.00607	0.00100	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
Xylene (p/m)	0.0124	0.00200	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
Xylene (o)	0.00805	0.00100	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>98.5 %</i>		<i>80-120</i>	<i>P0H1403</i>	<i>08/14/20</i>	<i>08/14/20</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>94.0 %</i>		<i>80-120</i>	<i>P0H1403</i>	<i>08/14/20</i>	<i>08/14/20</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

MW6

0H14003-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0333	0.00100	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
Toluene	0.00435	0.00100	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
Ethylbenzene	0.00539	0.00100	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
Xylene (p/m)	0.0129	0.00200	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
Xylene (o)	0.00718	0.00100	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		97.4 %		80-120	P0H1403	08/14/20	08/14/20	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		97.2 %		80-120	P0H1403	08/14/20	08/14/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW15

0H14003-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0579	0.00100	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
Toluene	0.0145	0.00100	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
Ethylbenzene	0.0232	0.00100	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
Xylene (p/m)	0.0549	0.00200	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
Xylene (o)	0.0389	0.00100	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>67.8 %</i>		<i>80-120</i>	<i>P0H1403</i>	<i>08/14/20</i>	<i>08/14/20</i>	<i>EPA 8021B</i>	<i>S-GC</i>
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>91.1 %</i>		<i>80-120</i>	<i>P0H1403</i>	<i>08/14/20</i>	<i>08/14/20</i>	<i>EPA 8021B</i>	

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Project Number: TNM 97-17
Project Manager: Curt Stanley

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RW6

0H14003-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0724	0.00100	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
Toluene	0.00664	0.00100	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
Ethylbenzene	0.00873	0.00100	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
Xylene (p/m)	0.0154	0.00200	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
Xylene (o)	0.00988	0.00100	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>101 %</i>	<i>80-120</i>		<i>P0H1403</i>	<i>08/14/20</i>	<i>08/14/20</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>93.6 %</i>	<i>80-120</i>		<i>P0H1403</i>	<i>08/14/20</i>	<i>08/14/20</i>	<i>EPA 8021B</i>	

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Project Manager: Curt Stanley

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RW4

0H14003-07 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.120	0.00100	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
Toluene	0.00306	0.00100	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
Ethylbenzene	0.0456	0.00100	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
Xylene (p/m)	0.0375	0.00200	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
Xylene (o)	0.00367	0.00100	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>89.7 %</i>	<i>80-120</i>		<i>P0H1403</i>	<i>08/14/20</i>	<i>08/14/20</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>91.6 %</i>	<i>80-120</i>		<i>P0H1403</i>	<i>08/14/20</i>	<i>08/14/20</i>	<i>EPA 8021B</i>	

Permian Basin Environmental Lab, L.P.

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Project Manager: Curt Stanley

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RW3

0H14003-08 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.208	0.00100	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
Toluene	0.00405	0.00100	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
Ethylbenzene	0.00602	0.00100	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
Xylene (p/m)	0.00896	0.00200	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
Xylene (o)	0.00538	0.00100	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>89.4 %</i>		<i>80-120</i>	<i>P0H1403</i>	<i>08/14/20</i>	<i>08/14/20</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>92.6 %</i>		<i>80-120</i>	<i>P0H1403</i>	<i>08/14/20</i>	<i>08/14/20</i>	<i>EPA 8021B</i>	

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Project Manager: Curt Stanley

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RW5

0H14003-09 (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	P0H1403	08/14/20	08/14/20	EPA 8021B	
Toluene	0.00288	0.00100	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
Ethylbenzene	0.0133	0.00100	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
Xylene (p/m)	0.0152	0.00200	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
Xylene (o)	0.00696	0.00100	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>81.8 %</i>		<i>80-120</i>	<i>P0H1403</i>	<i>08/14/20</i>	<i>08/14/20</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>93.7 %</i>		<i>80-120</i>	<i>P0H1403</i>	<i>08/14/20</i>	<i>08/14/20</i>	<i>EPA 8021B</i>	

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MW14

0H14003-10 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.208	0.00100	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
Toluene	0.00662	0.00100	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
Ethylbenzene	0.172	0.00100	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
Xylene (p/m)	0.0883	0.00200	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
Xylene (o)	0.0105	0.00100	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>98.8 %</i>	<i>80-120</i>		<i>P0H1403</i>	<i>08/14/20</i>	<i>08/14/20</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>97.8 %</i>	<i>80-120</i>		<i>P0H1403</i>	<i>08/14/20</i>	<i>08/14/20</i>	<i>EPA 8021B</i>	

Permian Basin Environmental Lab, L.P.

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Project Manager: Curt Stanley

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MW8

0H14003-11 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.152	0.00100	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
Toluene	0.0334	0.00100	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
Ethylbenzene	0.180	0.00100	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
Xylene (p/m)	0.195	0.00200	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
Xylene (o)	0.0473	0.00100	mg/L	1	P0H1403	08/14/20	08/14/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		72.2 %		80-120	P0H1403	08/14/20	08/14/20	EPA 8021B	S-GC
<i>Surrogate: 1,4-Difluorobenzene</i>		101 %		80-120	P0H1403	08/14/20	08/14/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project Number: TNM 97-17
Project Manager: Curt Stanley

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MW4

0H14003-12 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.566	0.00500	mg/L	5	P0H1403	08/14/20	08/14/20	EPA 8021B	
Toluene	0.00960	0.00500	mg/L	5	P0H1403	08/14/20	08/14/20	EPA 8021B	
Ethylbenzene	0.0306	0.00500	mg/L	5	P0H1403	08/14/20	08/14/20	EPA 8021B	
Xylene (p/m)	0.0555	0.0100	mg/L	5	P0H1403	08/14/20	08/14/20	EPA 8021B	
Xylene (o)	0.00725	0.00500	mg/L	5	P0H1403	08/14/20	08/14/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		86.7 %		80-120	P0H1403	08/14/20	08/14/20	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		92.6 %		80-120	P0H1403	08/14/20	08/14/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

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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 P0H1403 - General Preparation (GC)

Blank (P0H1403-BLK1)

Prepared & Analyzed: 08/14/20

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		95.0	80-120			

LCS (P0H1403-BS1)

Prepared & Analyzed: 08/14/20

Benzene	0.115	0.00100	mg/L	0.100		115	80-120			
Toluene	0.112	0.00100	"	0.100		112	80-120			
Ethylbenzene	0.112	0.00100	"	0.100		112	80-120			
Xylene (p/m)	0.231	0.00200	"	0.200		116	80-120			
Xylene (o)	0.118	0.00100	"	0.100		118	80-120			
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		99.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.5	80-120			

LCS Dup (P0H1403-BSD1)

Prepared & Analyzed: 08/14/20

Benzene	0.107	0.00100	mg/L	0.100		107	80-120	7.43	20	
Toluene	0.108	0.00100	"	0.100		108	80-120	3.89	20	
Ethylbenzene	0.114	0.00100	"	0.100		114	80-120	2.27	20	
Xylene (p/m)	0.213	0.00200	"	0.200		106	80-120	8.37	20	
Xylene (o)	0.113	0.00100	"	0.100		113	80-120	4.59	20	
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		93.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		97.1	80-120			

Calibration Blank (P0H1403-CCB1)

Prepared & Analyzed: 08/14/20

Benzene	0.350		mg/L							
Toluene	0.470		"							
Ethylbenzene	0.710		"							
Xylene (p/m)	1.44		"							
Xylene (o)	0.430		"							
Surrogate: 4-Bromofluorobenzene	0.110		"	0.120		92.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		94.4	80-120			

Permian Basin Environmental Lab, L.P.

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Project Number: TNM 97-17
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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 P0H1403 - General Preparation (GC)

Calibration Blank (P0H1403-CCB2)

Prepared & Analyzed: 08/14/20

Benzene	0.660		mg/L							
Toluene	0.430		"							
Ethylbenzene	0.950		"							
Xylene (p/m)	1.65		"							
Xylene (o)	0.670		"							
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		93.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.3	80-120			

Calibration Check (P0H1403-CCV1)

Prepared & Analyzed: 08/14/20

Benzene	0.104	0.00100	mg/L	0.100		104	80-120			
Toluene	0.101	0.00100	"	0.100		101	80-120			
Ethylbenzene	0.0993	0.00100	"	0.100		99.3	80-120			
Xylene (p/m)	0.195	0.00200	"	0.200		97.7	80-120			
Xylene (o)	0.107	0.00100	"	0.100		107	80-120			
Surrogate: 4-Bromofluorobenzene	0.111		"	0.120		92.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		93.9	80-120			

Calibration Check (P0H1403-CCV2)

Prepared & Analyzed: 08/14/20

Benzene	0.110	0.00100	mg/L	0.100		110	80-120			
Toluene	0.109	0.00100	"	0.100		109	80-120			
Ethylbenzene	0.109	0.00100	"	0.100		109	80-120			
Xylene (p/m)	0.204	0.00200	"	0.200		102	80-120			
Xylene (o)	0.109	0.00100	"	0.100		109	80-120			
Surrogate: 4-Bromofluorobenzene	0.109		"	0.120		91.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.9	80-120			

Calibration Check (P0H1403-CCV3)

Prepared & Analyzed: 08/14/20

Benzene	0.114	0.00100	mg/L	0.100		114	80-120			
Toluene	0.111	0.00100	"	0.100		111	80-120			
Ethylbenzene	0.114	0.00100	"	0.100		114	80-120			
Xylene (p/m)	0.215	0.00200	"	0.200		107	80-120			
Xylene (o)	0.118	0.00100	"	0.100		118	80-120			
Surrogate: 4-Bromofluorobenzene	0.114		"	0.120		95.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		98.8	80-120			

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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 P0H1403 - General Preparation (GC)

Matrix Spike (P0H1403-MS1)	Source: 0H14003-01			Prepared & Analyzed: 08/14/20						
Benzene	0.111	0.00100	mg/L	0.100	0.000540	110	80-120			
Toluene	0.113	0.00100	"	0.100	0.00102	112	80-120			
Ethylbenzene	0.108	0.00100	"	0.100	ND	108	80-120			
Xylene (p/m)	0.208	0.00200	"	0.200	0.00103	104	80-120			
Xylene (o)	0.115	0.00100	"	0.100	0.000750	115	80-120			
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		93.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.1	80-120			

Matrix Spike Dup (P0H1403-MSD1)	Source: 0H14003-01			Prepared & Analyzed: 08/14/20						
Benzene	0.111	0.00100	mg/L	0.100	0.000540	111	80-120	0.172	20	
Toluene	0.117	0.00100	"	0.100	0.00102	116	80-120	2.76	20	
Ethylbenzene	0.112	0.00100	"	0.100	ND	112	80-120	3.84	20	
Xylene (p/m)	0.213	0.00200	"	0.200	0.00103	106	80-120	2.17	20	
Xylene (o)	0.117	0.00100	"	0.100	0.000750	116	80-120	1.38	20	
Surrogate: 4-Bromofluorobenzene	0.110		"	0.120		91.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		98.8	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

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

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:

8/28/2020

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.

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Permian Basin Environmental Lab, L.P.

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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:
Lab Order Number: 0L11001



NELAP/TCEQ # T104704516-17-8

Report Date: 12/30/20

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
MW1	0L11001-01	Water	12/09/20 11:20	12-11-2020 09:10
MW 11	0L11001-02	Water	12/09/20 11:38	12-11-2020 09:10
MW 12	0L11001-03	Water	12/09/20 11:52	12-11-2020 09:10
MW 13	0L11001-04	Water	12/09/20 12:05	12-11-2020 09:10
MW 16	0L11001-05	Water	12/09/20 12:28	12-11-2020 09:10
MW 17	0L11001-06	Water	12/09/20 12:45	12-11-2020 09:10
MW 2	0L11001-07	Water	12/09/20 13:01	12-11-2020 09:10
MW 28	0L11001-08	Water	12/09/20 13:21	12-11-2020 09:10
MW 3	0L11001-09	Water	12/09/20 13:45	12-11-2020 09:10
MW 18	0L11001-10	Water	12/09/20 14:39	12-11-2020 09:10
MW 25	0L11001-11	Water	12/09/20 15:00	12-11-2020 09:10
MW 27	0L11001-12	Water	12/09/20 15:17	12-11-2020 09:10
MW 23	0L11001-13	Water	12/09/20 15:39	12-11-2020 09:10
MW 20	0L11001-14	Water	12/09/20 15:56	12-11-2020 09:10
MW 5	0L11001-15	Water	12/09/20 16:27	12-11-2020 09:10
RW 1	0L11001-16	Water	12/10/20 10:43	12-11-2020 09:10
MW 6	0L11001-17	Water	12/10/20 11:15	12-11-2020 09:10
RW 6	0L11001-18	Water	12/10/20 11:46	12-11-2020 09:10
RW 4	0L11001-19	Water	12/10/20 12:03	12-11-2020 09:10
RW 3	0L11001-20	Water	12/10/20 12:38	12-11-2020 09:10
RW 5	0L11001-21	Water	12/10/20 13:20	12-11-2020 09:10
MW 14	0L11001-22	Water	12/10/20 13:41	12-11-2020 09:10
MW 4	0L11001-23	Water	12/10/20 14:03	12-11-2020 09:10
MW 15	0L11001-24	Water	12/10/20 14:31	12-11-2020 09:10
MW 19	0L11001-25	Water	12/10/20 14:46	12-11-2020 09:10

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

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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

MW1

0L11001-01 (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	P0L1103	12/11/20	12/14/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		133 %	80-120		P0L1103	12/11/20	12/14/20	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		80.1 %	80-120		P0L1103	12/11/20	12/14/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW 11

0L11001-02 (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	P0L1103	12/11/20	12/14/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		119 %	80-120		P0L1103	12/11/20	12/14/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		76.5 %	80-120		P0L1103	12/11/20	12/14/20	EPA 8021B	S-GC

Permian Basin Environmental Lab, L.P.

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Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW 12

0L11001-03 (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	P0L1103	12/11/20	12/14/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		128 %	80-120		P0L1103	12/11/20	12/14/20	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		82.4 %	80-120		P0L1103	12/11/20	12/14/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW 13

0L11001-04 (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	P0L1103	12/11/20	12/14/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		125 %	80-120		P0L1103	12/11/20	12/14/20	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		83.1 %	80-120		P0L1103	12/11/20	12/14/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project: 97-17
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Project Manager: Curt Stanley

Fax: (432) 520-7701

MW 16

0L11001-05 (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	P0L1103	12/11/20	12/14/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		125 %	80-120		P0L1103	12/11/20	12/14/20	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		83.3 %	80-120		P0L1103	12/11/20	12/14/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project: 97-17
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Project Manager: Curt Stanley

Fax: (432) 520-7701

MW 17

0L11001-06 (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	P0L1103	12/11/20	12/14/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		123 %	80-120		P0L1103	12/11/20	12/14/20	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		80.3 %	80-120		P0L1103	12/11/20	12/14/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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MW 2

0L11001-07 (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	P0L1103	12/11/20	12/14/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		123 %	80-120		P0L1103	12/11/20	12/14/20	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		80.3 %	80-120		P0L1103	12/11/20	12/14/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project Manager: Curt Stanley

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MW 28

0L11001-08 (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	P0L1103	12/11/20	12/14/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		128 %	80-120		P0L1103	12/11/20	12/14/20	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		80.8 %	80-120		P0L1103	12/11/20	12/14/20	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

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MW 3

0L11001-09 (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	P0L1103	12/11/20	12/14/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		129 %	80-120		P0L1103	12/11/20	12/14/20	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		81.4 %	80-120		P0L1103	12/11/20	12/14/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

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MW 18

0L11001-10 (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	P0L1103	12/11/20	12/14/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		122 %	80-120		P0L1103	12/11/20	12/14/20	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		82.8 %	80-120		P0L1103	12/11/20	12/14/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW 25

0L11001-11 (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	P0L1103	12/11/20	12/14/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		129 %	80-120		P0L1103	12/11/20	12/14/20	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		80.9 %	80-120		P0L1103	12/11/20	12/14/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project Manager: Curt Stanley

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MW 27

0L11001-12 (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	P0L1103	12/11/20	12/14/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		128 %	80-120		P0L1103	12/11/20	12/14/20	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		82.4 %	80-120		P0L1103	12/11/20	12/14/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW 23

0L11001-13 (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	P0L1103	12/11/20	12/14/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		126 %	80-120		P0L1103	12/11/20	12/14/20	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		80.2 %	80-120		P0L1103	12/11/20	12/14/20	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 20

0L11001-14 (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	P0L1103	12/11/20	12/14/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		119 %	80-120		P0L1103	12/11/20	12/14/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		76.5 %	80-120		P0L1103	12/11/20	12/14/20	EPA 8021B	S-GC

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW 5

0L11001-15 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0108	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Toluene	0.00164	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Xylene (p/m)	0.00259	0.00200	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Xylene (o)	0.00116	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		118 %	80-120		P0L1103	12/11/20	12/14/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		89.9 %	80-120		P0L1103	12/11/20	12/14/20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

Fax: (432) 520-7701

RW 1

0L11001-16 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.00742	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Toluene	0.00117	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Xylene (p/m)	0.00259	0.00200	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		132 %	80-120		P0L1103	12/11/20	12/14/20	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		81.2 %	80-120		P0L1103	12/11/20	12/14/20	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
0L11001-17 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0284	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Toluene	0.00520	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Xylene (p/m)	0.0188	0.00200	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Xylene (o)	0.00238	0.00100	mg/L	1	P0L1103	12/11/20	12/14/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		90.9 %		80-120	P0L1103	12/11/20	12/14/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		82.8 %		80-120	P0L1103	12/11/20	12/14/20	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.0054	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
2-Methylnaphthalene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Acenaphthene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Acenaphthylene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Anthracene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Benzo (a) anthracene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Benzo (a) pyrene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Chrysene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Dibenzofuran	0.0012	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Fluoranthene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Fluorene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Naphthalene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Phenanthrene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Pyrene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13

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 6
0L11001-18 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0598	0.00100	mg/L	1	P0L1105	12/11/20	12/15/20	EPA 8021B	
Toluene	0.00353	0.00100	mg/L	1	P0L1105	12/11/20	12/15/20	EPA 8021B	
Ethylbenzene	0.00697	0.00100	mg/L	1	P0L1105	12/11/20	12/15/20	EPA 8021B	
Xylene (p/m)	0.00373	0.00200	mg/L	1	P0L1105	12/11/20	12/15/20	EPA 8021B	
Xylene (o)	0.00178	0.00100	mg/L	1	P0L1105	12/11/20	12/15/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		115 %		80-120	P0L1105	12/11/20	12/15/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		76.7 %		80-120	P0L1105	12/11/20	12/15/20	EPA 8021B	S-GC

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.010	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
2-Methylnaphthalene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Acenaphthene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Acenaphthylene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Anthracene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Benzo (a) anthracene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Benzo (a) pyrene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Chrysene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Dibenzofuran	0.0027	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Fluoranthene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Fluorene	0.0022	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Naphthalene	0.0024	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Phenanthrene	0.0015	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Pyrene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

Fax: (432) 520-7701

RW 4

0L11001-19 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.124	0.00100	mg/L	1	P0L1105	12/11/20	12/15/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0L1105	12/11/20	12/15/20	EPA 8021B	
Ethylbenzene	0.0141	0.00100	mg/L	1	P0L1105	12/11/20	12/15/20	EPA 8021B	
Xylene (p/m)	0.00919	0.00200	mg/L	1	P0L1105	12/11/20	12/15/20	EPA 8021B	
Xylene (o)	0.00242	0.00100	mg/L	1	P0L1105	12/11/20	12/15/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		111 %		80-120	P0L1105	12/11/20	12/15/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		80.4 %		80-120	P0L1105	12/11/20	12/15/20	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.0077	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
2-Methylnaphthalene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Acenaphthene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Acenaphthylene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Anthracene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Benzo (a) anthracene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Benzo (a) pyrene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Chrysene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Dibenzofuran	0.0014	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Fluoranthene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Fluorene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Naphthalene	0.0038	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Phenanthrene	0.0014	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Pyrene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13

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 3

0L11001-20 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.114	0.00100	mg/L	1	P0L1105	12/11/20	12/15/20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P0L1105	12/11/20	12/15/20	EPA 8021B	
Ethylbenzene	0.00123	0.00100	mg/L	1	P0L1105	12/11/20	12/15/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P0L1105	12/11/20	12/15/20	EPA 8021B	
Xylene (o)	0.00121	0.00100	mg/L	1	P0L1105	12/11/20	12/15/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		95.4 %		80-120	P0L1105	12/11/20	12/15/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		76.9 %		80-120	P0L1105	12/11/20	12/15/20	EPA 8021B	S-GC

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.0042	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
2-Methylnaphthalene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Acenaphthene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Acenaphthylene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Anthracene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Benzo (a) anthracene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Benzo (a) pyrene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Chrysene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Dibenzofuran	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Fluoranthene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Fluorene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Naphthalene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Phenanthrene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Pyrene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13

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**0L11001-21 (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	P0L1105	12/11/20	12/15/20	EPA 8021B	
Toluene	0.00166	0.00100	mg/L	1	P0L1105	12/11/20	12/15/20	EPA 8021B	
Ethylbenzene	0.00557	0.00100	mg/L	1	P0L1105	12/11/20	12/15/20	EPA 8021B	
Xylene (p/m)	0.00512	0.00200	mg/L	1	P0L1105	12/11/20	12/15/20	EPA 8021B	
Xylene (o)	0.00387	0.00100	mg/L	1	P0L1105	12/11/20	12/15/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>114 %</i>	<i>80-120</i>		<i>P0L1105</i>	<i>12/11/20</i>	<i>12/15/20</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>91.2 %</i>	<i>80-120</i>		<i>P0L1105</i>	<i>12/11/20</i>	<i>12/15/20</i>	<i>EPA 8021B</i>	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.015	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
2-Methylnaphthalene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Acenaphthene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Acenaphthylene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Anthracene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Benzo (a) anthracene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Benzo (a) pyrene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Chrysene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Dibenzofuran	0.0020	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Fluoranthene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Fluorene	0.0014	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Naphthalene	0.0035	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Phenanthrene	0.0011	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Pyrene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW 14
0L11001-22 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.160	0.00100	mg/L	1	P0L1105	12/11/20	12/15/20	EPA 8021B	
Toluene	0.0116	0.00100	mg/L	1	P0L1105	12/11/20	12/15/20	EPA 8021B	
Ethylbenzene	0.157	0.00100	mg/L	1	P0L1105	12/11/20	12/15/20	EPA 8021B	
Xylene (p/m)	0.0597	0.00200	mg/L	1	P0L1105	12/11/20	12/15/20	EPA 8021B	
Xylene (o)	0.00519	0.00100	mg/L	1	P0L1105	12/11/20	12/15/20	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		86.4 %	80-120		P0L1105	12/11/20	12/15/20	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		80.9 %	80-120		P0L1105	12/11/20	12/15/20	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.036	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
2-Methylnaphthalene	0.010	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Acenaphthene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Acenaphthylene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Anthracene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Benzo (a) anthracene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Benzo (a) pyrene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Chrysene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Dibenzofuran	0.0033	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Fluoranthene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Fluorene	0.0025	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Naphthalene	0.030	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Phenanthrene	0.0035	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Pyrene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW 4

0L11001-23 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.916	0.00500	mg/L	5	P0L1105	12/11/20	12/15/20	EPA 8021B	
Toluene	0.0390	0.00500	mg/L	5	P0L1105	12/11/20	12/15/20	EPA 8021B	
Ethylbenzene	0.0791	0.00500	mg/L	5	P0L1105	12/11/20	12/15/20	EPA 8021B	
Xylene (p/m)	0.113	0.0100	mg/L	5	P0L1105	12/11/20	12/15/20	EPA 8021B	
Xylene (o)	0.0173	0.00500	mg/L	5	P0L1105	12/11/20	12/15/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		135 %		80-120	P0L1105	12/11/20	12/15/20	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		80.0 %		80-120	P0L1105	12/11/20	12/15/20	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.034	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
2-Methylnaphthalene	0.010	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Acenaphthene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Acenaphthylene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Anthracene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Benzo (a) anthracene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Benzo (a) pyrene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Chrysene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Dibenzofuran	0.0044	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Fluoranthene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Fluorene	0.0042	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Naphthalene	0.015	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Phenanthrene	0.0053	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Pyrene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW 15
0L11001-24 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0559	0.00100	mg/L	1	P0L1105	12/11/20	12/15/20	EPA 8021B	
Toluene	0.0688	0.00100	mg/L	1	P0L1105	12/11/20	12/15/20	EPA 8021B	
Ethylbenzene	0.287	0.00100	mg/L	1	P0L1105	12/11/20	12/15/20	EPA 8021B	
Xylene (p/m)	0.102	0.00200	mg/L	1	P0L1105	12/11/20	12/15/20	EPA 8021B	
Xylene (o)	0.103	0.00100	mg/L	1	P0L1105	12/11/20	12/15/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		101 %		80-120	P0L1105	12/11/20	12/15/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		87.2 %		80-120	P0L1105	12/11/20	12/15/20	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.014	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
2-Methylnaphthalene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Acenaphthene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Acenaphthylene	0.0022	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Anthracene	0.0010	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Benzo (a) anthracene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Benzo (a) pyrene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Benzo (g,h,i) perylene	0.0012	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Chrysene	0.0030	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Dibenzofuran	0.0082	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Fluoranthene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Fluorene	0.0078	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Naphthalene	0.0022	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Phenanthrene	0.0027	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Pyrene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-17
Project Number: TNM 97-17
Project Manager: Curt Stanley

Fax: (432) 520-7701

MW 19
0L11001-25 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.208	0.00100	mg/L	1	P0L1105	12/11/20	12/15/20	EPA 8021B	
Toluene	0.0578	0.00100	mg/L	1	P0L1105	12/11/20	12/15/20	EPA 8021B	
Ethylbenzene	0.240	0.00100	mg/L	1	P0L1105	12/11/20	12/15/20	EPA 8021B	
Xylene (p/m)	0.102	0.00200	mg/L	1	P0L1105	12/11/20	12/15/20	EPA 8021B	
Xylene (o)	0.0408	0.00100	mg/L	1	P0L1105	12/11/20	12/15/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		113 %		80-120	P0L1105	12/11/20	12/15/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		88.4 %		80-120	P0L1105	12/11/20	12/15/20	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.027	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
2-Methylnaphthalene	0.0039	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Acenaphthene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Acenaphthylene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Anthracene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Benzo (a) anthracene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Benzo (a) pyrene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Chrysene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Dibenzofuran	0.0037	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Fluoranthene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Fluorene	0.0043	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Naphthalene	0.0086	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Phenanthrene	0.0047	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13
Pyrene	ND	0.0010	mg/L	10	P0L2909	12/16/20	12/29/20	8270C	SUB-13

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-17
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 P0L1103 - General Preparation (GC)

Blank (P0L1103-BLK1)

Prepared: 12/11/20 Analyzed: 12/14/20

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	0.143		"	0.120		119	80-120			
Surrogate: 1,4-Difluorobenzene	0.100		"	0.120		83.4	80-120			

LCS (P0L1103-BS1)

Prepared: 12/11/20 Analyzed: 12/14/20

Benzene	0.0976	0.00100	mg/L	0.100		97.6	80-120			
Toluene	0.0816	0.00100	"	0.100		81.6	80-120			
Ethylbenzene	0.101	0.00100	"	0.100		101	80-120			
Xylene (p/m)	0.186	0.00200	"	0.200		93.2	80-120			
Xylene (o)	0.0921	0.00100	"	0.100		92.1	80-120			
Surrogate: 4-Bromofluorobenzene	0.159		"	0.120		132	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.104		"	0.120		86.4	80-120			

LCS Dup (P0L1103-BS1)

Prepared: 12/11/20 Analyzed: 12/14/20

Benzene	0.0922	0.00100	mg/L	0.100		92.2	80-120	5.70	20	
Toluene	0.0812	0.00100	"	0.100		81.2	80-120	0.553	20	
Ethylbenzene	0.0976	0.00100	"	0.100		97.6	80-120	3.52	20	
Xylene (p/m)	0.178	0.00200	"	0.200		89.0	80-120	4.69	20	
Xylene (o)	0.0887	0.00100	"	0.100		88.7	80-120	3.83	20	
Surrogate: 4-Bromofluorobenzene	0.154		"	0.120		128	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.104		"	0.120		86.7	80-120			

Calibration Blank (P0L1103-CCB1)

Prepared: 12/11/20 Analyzed: 12/14/20

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.143		"	0.120		119	80-120			
Surrogate: 1,4-Difluorobenzene	0.0953		"	0.120		79.4	80-120			S-GC

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

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

Project: 97-17
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 P0L1103 - General Preparation (GC)

Calibration Blank (P0L1103-CCB2)

Prepared: 12/11/20 Analyzed: 12/14/20

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.143		"	0.120		119	80-120			
Surrogate: 1,4-Difluorobenzene	0.0842		"	0.120		70.2	80-120			S-GC

Calibration Blank (P0L1103-CCB3)

Prepared: 12/11/20 Analyzed: 12/15/20

Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.142		"	0.120		118	80-120			
Surrogate: 1,4-Difluorobenzene	0.0935		"	0.120		77.9	80-120			S-GC

Calibration Check (P0L1103-CCV1)

Prepared: 12/11/20 Analyzed: 12/14/20

Benzene	0.103	0.00100	mg/L	0.100		103	80-120			
Toluene	0.0834	0.00100	"	0.100		83.4	80-120			
Ethylbenzene	0.0931	0.00100	"	0.100		93.1	80-120			
Xylene (p/m)	0.190	0.00200	"	0.200		94.8	80-120			
Xylene (o)	0.0994	0.00100	"	0.100		99.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.144		"	0.120		120	80-120			
Surrogate: 1,4-Difluorobenzene	0.101		"	0.120		84.0	80-120			

Calibration Check (P0L1103-CCV2)

Prepared: 12/11/20 Analyzed: 12/14/20

Benzene	0.101	0.00100	mg/L	0.100		101	80-120			
Toluene	0.0828	0.00100	"	0.100		82.8	80-120			
Ethylbenzene	0.0951	0.00100	"	0.100		95.1	80-120			
Xylene (p/m)	0.197	0.00200	"	0.200		98.7	80-120			
Xylene (o)	0.100	0.00100	"	0.100		100	80-120			
Surrogate: 4-Bromofluorobenzene	0.154		"	0.120		128	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.101		"	0.120		84.3	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

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 P0L1103 - General Preparation (GC)

Calibration Check (P0L1103-CCV3)				Prepared: 12/11/20		Analyzed: 12/15/20				
Benzene	0.0978	0.00100	mg/L	0.100		97.8	80-120			
Toluene	0.0805	0.00100	"	0.100		80.5	80-120			
Ethylbenzene	0.0897	0.00100	"	0.100		89.7	80-120			
Xylene (p/m)	0.186	0.00200	"	0.200		93.2	80-120			
Xylene (o)	0.0983	0.00100	"	0.100		98.3	80-120			
Surrogate: 4-Bromofluorobenzene	0.152		"	0.120		127	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.0998		"	0.120		83.2	80-120			

Matrix Spike (P0L1103-MS1)				Source: 0L10001-04		Prepared: 12/11/20		Analyzed: 12/14/20			
Benzene	0.0891	0.00100	mg/L	0.100	ND	89.1	80-120				
Toluene	0.0868	0.00100	"	0.100	ND	86.8	80-120				
Ethylbenzene	0.0911	0.00100	"	0.100	ND	91.1	80-120				
Xylene (p/m)	0.173	0.00200	"	0.200	ND	86.7	80-120				
Xylene (o)	0.0888	0.00100	"	0.100	ND	88.8	80-120				
Surrogate: 4-Bromofluorobenzene	0.164		"	0.120		136	80-120				S-GC
Surrogate: 1,4-Difluorobenzene	0.105		"	0.120		87.4	80-120				

Matrix Spike Dup (P0L1103-MSD1)				Source: 0L10001-04		Prepared: 12/11/20		Analyzed: 12/15/20			
Benzene	0.0987	0.00100	mg/L	0.100	ND	98.7	80-120	10.2	20		
Toluene	0.0793	0.00100	"	0.100	ND	79.3	80-120	8.95	20		QM-07
Ethylbenzene	0.102	0.00100	"	0.100	ND	102	80-120	10.9	20		
Xylene (p/m)	0.194	0.00200	"	0.200	ND	96.8	80-120	11.0	20		
Xylene (o)	0.0993	0.00100	"	0.100	ND	99.3	80-120	11.2	20		
Surrogate: 4-Bromofluorobenzene	0.157		"	0.120		131	80-120				S-GC
Surrogate: 1,4-Difluorobenzene	0.101		"	0.120		84.3	80-120				

Batch P0L1105 - General Preparation (GC)

Blank (P0L1105-BLK1)				Prepared: 12/11/20		Analyzed: 12/15/20				
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	0.140		"	0.120		116	80-120			
Surrogate: 1,4-Difluorobenzene	0.0950		"	0.120		79.1	80-120			S-GC

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 P0L1105 - General Preparation (GC)										
LCS (P0L1105-BS1)				Prepared: 12/11/20 Analyzed: 12/15/20						
Benzene	0.0972	0.00100	mg/L	0.100		97.2	80-120			
Toluene	0.0809	0.00100	"	0.100		80.9	80-120			
Ethylbenzene	0.0950	0.00100	"	0.100		95.0	80-120			
Xylene (p/m)	0.184	0.00200	"	0.200		92.0	80-120			
Xylene (o)	0.0932	0.00100	"	0.100		93.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.159		"	0.120		132	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.102		"	0.120		85.0	80-120			
LCS Dup (P0L1105-BSD1)				Prepared: 12/11/20 Analyzed: 12/15/20						
Benzene	0.0912	0.00100	mg/L	0.100		91.2	80-120	6.43	20	
Toluene	0.0830	0.00100	"	0.100		83.0	80-120	2.57	20	
Ethylbenzene	0.0911	0.00100	"	0.100		91.1	80-120	4.21	20	
Xylene (p/m)	0.176	0.00200	"	0.200		87.8	80-120	4.71	20	
Xylene (o)	0.0882	0.00100	"	0.100		88.2	80-120	5.51	20	
Surrogate: 4-Bromofluorobenzene	0.156		"	0.120		130	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.104		"	0.120		86.5	80-120			
Calibration Blank (P0L1105-CCB1)				Prepared: 12/11/20 Analyzed: 12/15/20						
Benzene	0.00		mg/L							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.142		"	0.120		118	80-120			
Surrogate: 1,4-Difluorobenzene	0.0935		"	0.120		77.9	80-120			S-GC
Calibration Check (P0L1105-CCV1)				Prepared: 12/11/20 Analyzed: 12/15/20						
Benzene	0.0978	0.00100	mg/L	0.100		97.8	80-120			
Toluene	0.0805	0.00100	"	0.100		80.5	80-120			
Ethylbenzene	0.0897	0.00100	"	0.100		89.7	80-120			
Xylene (p/m)	0.186	0.00200	"	0.200		93.2	80-120			
Xylene (o)	0.0983	0.00100	"	0.100		98.3	80-120			
Surrogate: 4-Bromofluorobenzene	0.152		"	0.120		127	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.0998		"	0.120		83.2	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

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 P0L1105 - General Preparation (GC)

Calibration Check (P0L1105-CCV2)

Prepared: 12/11/20 Analyzed: 12/15/20

Benzene	0.0997	0.00100	mg/L	0.100		99.7	80-120			
Toluene	0.0818	0.00100	"	0.100		81.8	80-120			
Ethylbenzene	0.0940	0.00100	"	0.100		94.0	80-120			
Xylene (p/m)	0.193	0.00200	"	0.200		96.6	80-120			
Xylene (o)	0.105	0.00100	"	0.100		105	80-120			
Surrogate: 4-Bromofluorobenzene	0.165		"	0.120		138	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.104		"	0.120		86.3	80-120			

Matrix Spike (P0L1105-MS1)

Source: 0L11001-18

Prepared: 12/11/20 Analyzed: 12/15/20

Benzene	0.119	0.00100	mg/L	0.100	0.0598	59.0	80-120			QM-07
Toluene	0.0632	0.00100	"	0.100	0.00353	59.7	80-120			QM-07
Ethylbenzene	0.0856	0.00100	"	0.100	0.00697	78.6	80-120			QM-07
Xylene (p/m)	0.147	0.00200	"	0.200	0.00373	71.4	80-120			QM-07
Xylene (o)	0.0895	0.00100	"	0.100	0.00178	87.7	80-120			
Surrogate: 4-Bromofluorobenzene	0.161		"	0.120		134	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.0943		"	0.120		78.6	80-120			S-GC

Matrix Spike Dup (P0L1105-MSD1)

Source: 0L11001-18

Prepared: 12/11/20 Analyzed: 12/15/20

Benzene	0.117	0.00100	mg/L	0.100	0.0598	57.4	80-120	2.73	20	QM-07
Toluene	0.0709	0.00100	"	0.100	0.00353	67.4	80-120	12.1	20	QM-07
Ethylbenzene	0.0977	0.00100	"	0.100	0.00697	90.7	80-120	14.3	20	
Xylene (p/m)	0.153	0.00200	"	0.200	0.00373	74.7	80-120	4.42	20	QM-07
Xylene (o)	0.0996	0.00100	"	0.100	0.00178	97.9	80-120	11.0	20	
Surrogate: 4-Bromofluorobenzene	0.148		"	0.120		124	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.0975		"	0.120		81.3	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

Fax: (432) 520-7701

Notes and Definitions

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

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

ROI Received on Ice

QM-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:

12/30/2020

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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Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235

35

Company Name

Company Address:

City/State/Zip:

Telephone No.:

Sampler Signature:

Fax No.:

e-mail:

Report Format: ☒ Standard

PO #

Project Loc:

Project #:

Project Name

97-17

Page 35 of 59

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:						
1		mw 1				12-9-20	1120			☒ Ice	☐ HNO ₃	☒ HCl	☐ H ₂ SO ₄	☐ NaOH	☐ Na ₂ S ₂ O ₃	☐ None	☐ Other (Specify)	DW=Drinking Water SL=Sludge	TPH by TX 1005 8015B 8015M	TCLP:	
2		mw 11								☒	☐	☒	☐	☐	☐	☐	☐	GW = Groundwater S=Soil/Solid	Chloride	TOTAL:	
3		mw 12					1138			☐	☐	☐	☐	☐	☐	☐	☐	NP=Non-Potable Specify Other	BTEx by 8021B		
4		mw 13					1152			☐	☐	☐	☐	☐	☐	☐	☐				
5		mw 16					1205			☐	☐	☐	☐	☐	☐	☐	☐				
6		mw 17					1228			☐	☐	☐	☐	☐	☐	☐	☐				
7		mw 2					1245			☐	☐	☐	☐	☐	☐	☐	☐				
8		mw 28					1301			☐	☐	☐	☐	☐	☐	☐	☐				
9		mw 3					1321			☐	☐	☐	☐	☐	☐	☐	☐				
10		mw 18					1345			☐	☐	☐	☐	☐	☐	☐	☐				
Special Instructions:																					
Relinquished by:		Date	Time	Received by:	Date	Time															
Relinquished by: Manny		12-11-20	9:10																		
Relinquished by:		Date	Time	Received by:	Date	Time															
Relinquished by:		Date	Time	Received by: Theresa Blodgett	12/11/20	9:10															
Laboratory Comments:																					
Sample Containers Intact?																					
VOGs Free of Headspace?																					
Labels on container(s)																					
Custody seals on container(s)																					
Custody seals on cooler(s)																					
Sample Hand Delivered																					
by Sampler/Client Rep.?																					
by Courier?																					
UPS																					
DHL																					
FedEx																					
Lone Star																					
Temperature Upon Receipt:																					
Received: 4-59 °C																					
Adjusted: 5.2 °C																					
Factor																					
RUSH TAT (Pre-Schedule) 24, 48, 72 hrs																					
Standard TAT																					



10450 Stancliff Rd. Suite 210
Houston, TX 77099
T: +1 281 530 5656
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December 29, 2020

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

Work Order: **HS20120738**

Laboratory Results for: **OL11001**

Dear Brent Barron,

ALS Environmental received 9 sample(s) on Dec 15, 2020 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: 29-Dec-20

Client: Permian Basin Environmental Lab, LP
Project: OL11001
Work Order: HS20120738

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS20120738-01	OL11001-17	Water		10-Dec-2020 11:15	15-Dec-2020 10:25	☐
HS20120738-02	OL11001-18	Water		10-Dec-2020 11:46	15-Dec-2020 10:25	☐
HS20120738-03	OL11001-19	Water		10-Dec-2020 12:03	15-Dec-2020 10:25	☐
HS20120738-04	OL11001-20	Water		10-Dec-2020 12:38	15-Dec-2020 10:25	☐
HS20120738-05	OL11001-21	Water		10-Dec-2020 13:20	15-Dec-2020 10:25	☐
HS20120738-06	OL11001-22	Water		10-Dec-2020 13:41	15-Dec-2020 10:25	☐
HS20120738-07	OL11001-23	Water		10-Dec-2020 14:03	15-Dec-2020 10:25	☐
HS20120738-08	OL11001-24	Water		10-Dec-2020 14:31	15-Dec-2020 10:25	☐
HS20120738-09	OL11001-25	Water		10-Dec-2020 14:46	15-Dec-2020 10:25	☐

ALS Houston, US

Date: 29-Dec-20

Client: Permian Basin Environmental Lab, LP
Project: 0L11001
Work Order: HS20120738

CASE NARRATIVE**GCMS Semivolatiles by Method SW8270****Batch ID: 160764****Sample ID: 0L11001-17 (HS20120738-01)**

- The GCMS semi-volatile extract of this sample was run at a dilution due to a high level of matrix interference.

Sample ID: 0L11001-18 (HS20120738-02)

- The GCMS semi-volatile extract of this sample was run at a dilution due to a high level of matrix interference.

Sample ID: 0L11001-19 (HS20120738-03)

- The GCMS semi-volatile extract of this sample was run at a dilution due to a high level of matrix interference.

Sample ID: 0L11001-20 (HS20120738-04)

- The GCMS semi-volatile extract of this sample was run at a dilution due to a high level of matrix interference.

Sample ID: 0L11001-21 (HS20120738-05)

- The GCMS semi-volatile extract of this sample was run at a dilution due to a high level of matrix interference.

Sample ID: 0L11001-22 (HS20120738-06)

- The GCMS semi-volatile extract of this sample was run at a dilution due to a high level of matrix interference.

Sample ID: 0L11001-23 (HS20120738-07)

- The GCMS semi-volatile extract of this sample was run at a dilution due to a high level of matrix interference.

Sample ID: 0L11001-24 (HS20120738-08)

- The GCMS semi-volatile extract of this sample was run at a dilution due to a high level of matrix interference.

Sample ID: 0L11001-25 (HS20120738-09)

- The GCMS semi-volatile extract of this sample was run at a dilution due to a high level of matrix interference.

ALS Houston, US

Date: 29-Dec-20

Client: Permian Basin Environmental Lab, LP
 Project: 0L11001
 Sample ID: 0L11001-17
 Collection Date: 10-Dec-2020 11:15

ANALYTICAL REPORT

WorkOrder:HS20120738
 Lab ID:HS20120738-01
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270			Prep:SW3511 / 16-Dec-2020	Analyst: ACN
1-Methylnaphthalene	5.39	n	0.999	ug/L	10	28-Dec-2020 23:04
2-Methylnaphthalene	ND		0.999	ug/L	10	28-Dec-2020 23:04
Acenaphthene	ND		0.999	ug/L	10	28-Dec-2020 23:04
Acenaphthylene	ND		0.999	ug/L	10	28-Dec-2020 23:04
Anthracene	ND		0.999	ug/L	10	28-Dec-2020 23:04
Benz(a)anthracene	ND		0.999	ug/L	10	28-Dec-2020 23:04
Benzo(a)pyrene	ND		0.999	ug/L	10	28-Dec-2020 23:04
Benzo(b)fluoranthene	ND		0.999	ug/L	10	28-Dec-2020 23:04
Benzo(g,h,i)perylene	ND		0.999	ug/L	10	28-Dec-2020 23:04
Benzo(k)fluoranthene	ND		0.999	ug/L	10	28-Dec-2020 23:04
Chrysene	ND		0.999	ug/L	10	28-Dec-2020 23:04
Dibenz(a,h)anthracene	ND		0.999	ug/L	10	28-Dec-2020 23:04
Dibenzofuran	1.22		0.999	ug/L	10	28-Dec-2020 23:04
Fluoranthene	ND		0.999	ug/L	10	28-Dec-2020 23:04
Fluorene	ND		0.999	ug/L	10	28-Dec-2020 23:04
Indeno(1,2,3-cd)pyrene	ND		0.999	ug/L	10	28-Dec-2020 23:04
Naphthalene	ND		0.999	ug/L	10	28-Dec-2020 23:04
Phenanthrene	ND		0.999	ug/L	10	28-Dec-2020 23:04
Pyrene	ND		0.999	ug/L	10	28-Dec-2020 23:04
Surr: 2-Fluorobiphenyl	111		32-130	%REC	10	28-Dec-2020 23:04
Surr: 4-Terphenyl-d14	111		40-135	%REC	10	28-Dec-2020 23:04
Surr: Nitrobenzene-d5	86.9		45-142	%REC	10	28-Dec-2020 23:04

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

ALS Houston, US

Date: 29-Dec-20

Client: Permian Basin Environmental Lab, LP
 Project: 0L11001
 Sample ID: 0L11001-18
 Collection Date: 10-Dec-2020 11:46

ANALYTICAL REPORT

WorkOrder:HS20120738
 Lab ID:HS20120738-02
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 16-Dec-2020		Analyst: ACN
1-Methylnaphthalene	10.0	n	1.03	ug/L	10	28-Dec-2020 23:23
2-Methylnaphthalene	ND		1.03	ug/L	10	28-Dec-2020 23:23
Acenaphthene	ND		1.03	ug/L	10	28-Dec-2020 23:23
Acenaphthylene	ND		1.03	ug/L	10	28-Dec-2020 23:23
Anthracene	ND		1.03	ug/L	10	28-Dec-2020 23:23
Benz(a)anthracene	ND		1.03	ug/L	10	28-Dec-2020 23:23
Benzo(a)pyrene	ND		1.03	ug/L	10	28-Dec-2020 23:23
Benzo(b)fluoranthene	ND		1.03	ug/L	10	28-Dec-2020 23:23
Benzo(g,h,i)perylene	ND		1.03	ug/L	10	28-Dec-2020 23:23
Benzo(k)fluoranthene	ND		1.03	ug/L	10	28-Dec-2020 23:23
Chrysene	ND		1.03	ug/L	10	28-Dec-2020 23:23
Dibenz(a,h)anthracene	ND		1.03	ug/L	10	28-Dec-2020 23:23
Dibenzofuran	2.72		1.03	ug/L	10	28-Dec-2020 23:23
Fluoranthene	ND		1.03	ug/L	10	28-Dec-2020 23:23
Fluorene	2.17		1.03	ug/L	10	28-Dec-2020 23:23
Indeno(1,2,3-cd)pyrene	ND		1.03	ug/L	10	28-Dec-2020 23:23
Naphthalene	2.42		1.03	ug/L	10	28-Dec-2020 23:23
Phenanthrene	1.53		1.03	ug/L	10	28-Dec-2020 23:23
Pyrene	ND		1.03	ug/L	10	28-Dec-2020 23:23
Surr: 2-Fluorobiphenyl	106		32-130	%REC	10	28-Dec-2020 23:23
Surr: 4-Terphenyl-d14	107		40-135	%REC	10	28-Dec-2020 23:23
Surr: Nitrobenzene-d5	95.8		45-142	%REC	10	28-Dec-2020 23:23

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

ALS Houston, US

Date: 29-Dec-20

Client: Permian Basin Environmental Lab, LP
 Project: 0L11001
 Sample ID: 0L11001-19
 Collection Date: 10-Dec-2020 12:03

ANALYTICAL REPORT

WorkOrder:HS20120738
 Lab ID:HS20120738-03
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 16-Dec-2020		Analyst: ACN
1-Methylnaphthalene	7.71	n	1.03	ug/L	10	28-Dec-2020 23:43
2-Methylnaphthalene	ND		1.03	ug/L	10	28-Dec-2020 23:43
Acenaphthene	ND		1.03	ug/L	10	28-Dec-2020 23:43
Acenaphthylene	ND		1.03	ug/L	10	28-Dec-2020 23:43
Anthracene	ND		1.03	ug/L	10	28-Dec-2020 23:43
Benz(a)anthracene	ND		1.03	ug/L	10	28-Dec-2020 23:43
Benzo(a)pyrene	ND		1.03	ug/L	10	28-Dec-2020 23:43
Benzo(b)fluoranthene	ND		1.03	ug/L	10	28-Dec-2020 23:43
Benzo(g,h,i)perylene	ND		1.03	ug/L	10	28-Dec-2020 23:43
Benzo(k)fluoranthene	ND		1.03	ug/L	10	28-Dec-2020 23:43
Chrysene	ND		1.03	ug/L	10	28-Dec-2020 23:43
Dibenz(a,h)anthracene	ND		1.03	ug/L	10	28-Dec-2020 23:43
Dibenzofuran	1.38		1.03	ug/L	10	28-Dec-2020 23:43
Fluoranthene	ND		1.03	ug/L	10	28-Dec-2020 23:43
Fluorene	ND		1.03	ug/L	10	28-Dec-2020 23:43
Indeno(1,2,3-cd)pyrene	ND		1.03	ug/L	10	28-Dec-2020 23:43
Naphthalene	3.84		1.03	ug/L	10	28-Dec-2020 23:43
Phenanthrene	1.42		1.03	ug/L	10	28-Dec-2020 23:43
Pyrene	ND		1.03	ug/L	10	28-Dec-2020 23:43
Surr: 2-Fluorobiphenyl	92.8		32-130	%REC	10	28-Dec-2020 23:43
Surr: 4-Terphenyl-d14	109		40-135	%REC	10	28-Dec-2020 23:43
Surr: Nitrobenzene-d5	89.8		45-142	%REC	10	28-Dec-2020 23:43

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

ALS Houston, US

Date: 29-Dec-20

Client: Permian Basin Environmental Lab, LP
 Project: 0L11001
 Sample ID: 0L11001-20
 Collection Date: 10-Dec-2020 12:38

ANALYTICAL REPORT

WorkOrder:HS20120738
 Lab ID:HS20120738-04
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 16-Dec-2020		Analyst: ACN
1-Methylnaphthalene	4.22	n	1.01	ug/L	10	29-Dec-2020 00:02
2-Methylnaphthalene	ND		1.01	ug/L	10	29-Dec-2020 00:02
Acenaphthene	ND		1.01	ug/L	10	29-Dec-2020 00:02
Acenaphthylene	ND		1.01	ug/L	10	29-Dec-2020 00:02
Anthracene	ND		1.01	ug/L	10	29-Dec-2020 00:02
Benz(a)anthracene	ND		1.01	ug/L	10	29-Dec-2020 00:02
Benzo(a)pyrene	ND		1.01	ug/L	10	29-Dec-2020 00:02
Benzo(b)fluoranthene	ND		1.01	ug/L	10	29-Dec-2020 00:02
Benzo(g,h,i)perylene	ND		1.01	ug/L	10	29-Dec-2020 00:02
Benzo(k)fluoranthene	ND		1.01	ug/L	10	29-Dec-2020 00:02
Chrysene	ND		1.01	ug/L	10	29-Dec-2020 00:02
Dibenz(a,h)anthracene	ND		1.01	ug/L	10	29-Dec-2020 00:02
Dibenzofuran	ND		1.01	ug/L	10	29-Dec-2020 00:02
Fluoranthene	ND		1.01	ug/L	10	29-Dec-2020 00:02
Fluorene	ND		1.01	ug/L	10	29-Dec-2020 00:02
Indeno(1,2,3-cd)pyrene	ND		1.01	ug/L	10	29-Dec-2020 00:02
Naphthalene	ND		1.01	ug/L	10	29-Dec-2020 00:02
Phenanthrene	ND		1.01	ug/L	10	29-Dec-2020 00:02
Pyrene	ND		1.01	ug/L	10	29-Dec-2020 00:02
Surr: 2-Fluorobiphenyl	99.8		32-130	%REC	10	29-Dec-2020 00:02
Surr: 4-Terphenyl-d14	89.9		40-135	%REC	10	29-Dec-2020 00:02
Surr: Nitrobenzene-d5	93.2		45-142	%REC	10	29-Dec-2020 00:02

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

ALS Houston, US

Date: 29-Dec-20

Client: Permian Basin Environmental Lab, LP
 Project: 0L11001
 Sample ID: 0L11001-21
 Collection Date: 10-Dec-2020 13:20

ANALYTICAL REPORT

WorkOrder:HS20120738
 Lab ID:HS20120738-05
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 16-Dec-2020		Analyst: ACN
1-Methylnaphthalene	15.3	n	1.01	ug/L	10	29-Dec-2020 00:22
2-Methylnaphthalene	ND		1.01	ug/L	10	29-Dec-2020 00:22
Acenaphthene	ND		1.01	ug/L	10	29-Dec-2020 00:22
Acenaphthylene	ND		1.01	ug/L	10	29-Dec-2020 00:22
Anthracene	ND		1.01	ug/L	10	29-Dec-2020 00:22
Benz(a)anthracene	ND		1.01	ug/L	10	29-Dec-2020 00:22
Benzo(a)pyrene	ND		1.01	ug/L	10	29-Dec-2020 00:22
Benzo(b)fluoranthene	ND		1.01	ug/L	10	29-Dec-2020 00:22
Benzo(g,h,i)perylene	ND		1.01	ug/L	10	29-Dec-2020 00:22
Benzo(k)fluoranthene	ND		1.01	ug/L	10	29-Dec-2020 00:22
Chrysene	ND		1.01	ug/L	10	29-Dec-2020 00:22
Dibenz(a,h)anthracene	ND		1.01	ug/L	10	29-Dec-2020 00:22
Dibenzofuran	2.04		1.01	ug/L	10	29-Dec-2020 00:22
Fluoranthene	ND		1.01	ug/L	10	29-Dec-2020 00:22
Fluorene	1.38		1.01	ug/L	10	29-Dec-2020 00:22
Indeno(1,2,3-cd)pyrene	ND		1.01	ug/L	10	29-Dec-2020 00:22
Naphthalene	3.45		1.01	ug/L	10	29-Dec-2020 00:22
Phenanthrene	1.11		1.01	ug/L	10	29-Dec-2020 00:22
Pyrene	ND		1.01	ug/L	10	29-Dec-2020 00:22
Surr: 2-Fluorobiphenyl	99.7		32-130	%REC	10	29-Dec-2020 00:22
Surr: 4-Terphenyl-d14	104		40-135	%REC	10	29-Dec-2020 00:22
Surr: Nitrobenzene-d5	93.7		45-142	%REC	10	29-Dec-2020 00:22

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

ALS Houston, US

Date: 29-Dec-20

Client: Permian Basin Environmental Lab, LP
 Project: 0L11001
 Sample ID: 0L11001-22
 Collection Date: 10-Dec-2020 13:41

ANALYTICAL REPORT

WorkOrder:HS20120738
 Lab ID:HS20120738-06
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 16-Dec-2020		Analyst: ACN
1-Methylnaphthalene	36.0	n	1.02	ug/L	10	29-Dec-2020 00:41
2-Methylnaphthalene	10.1		1.02	ug/L	10	29-Dec-2020 00:41
Acenaphthene	ND		1.02	ug/L	10	29-Dec-2020 00:41
Acenaphthylene	ND		1.02	ug/L	10	29-Dec-2020 00:41
Anthracene	ND		1.02	ug/L	10	29-Dec-2020 00:41
Benz(a)anthracene	ND		1.02	ug/L	10	29-Dec-2020 00:41
Benzo(a)pyrene	ND		1.02	ug/L	10	29-Dec-2020 00:41
Benzo(b)fluoranthene	ND		1.02	ug/L	10	29-Dec-2020 00:41
Benzo(g,h,i)perylene	ND		1.02	ug/L	10	29-Dec-2020 00:41
Benzo(k)fluoranthene	ND		1.02	ug/L	10	29-Dec-2020 00:41
Chrysene	ND		1.02	ug/L	10	29-Dec-2020 00:41
Dibenz(a,h)anthracene	ND		1.02	ug/L	10	29-Dec-2020 00:41
Dibenzofuran	3.25		1.02	ug/L	10	29-Dec-2020 00:41
Fluoranthene	ND		1.02	ug/L	10	29-Dec-2020 00:41
Fluorene	2.51		1.02	ug/L	10	29-Dec-2020 00:41
Indeno(1,2,3-cd)pyrene	ND		1.02	ug/L	10	29-Dec-2020 00:41
Naphthalene	29.9		1.02	ug/L	10	29-Dec-2020 00:41
Phenanthrene	3.46		1.02	ug/L	10	29-Dec-2020 00:41
Pyrene	ND		1.02	ug/L	10	29-Dec-2020 00:41
Surr: 2-Fluorobiphenyl	89.5		32-130	%REC	10	29-Dec-2020 00:41
Surr: 4-Terphenyl-d14	99.3		40-135	%REC	10	29-Dec-2020 00:41
Surr: Nitrobenzene-d5	120		45-142	%REC	10	29-Dec-2020 00:41

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

ALS Houston, US

Date: 29-Dec-20

Client: Permian Basin Environmental Lab, LP
 Project: 0L11001
 Sample ID: 0L11001-23
 Collection Date: 10-Dec-2020 14:03

ANALYTICAL REPORT

WorkOrder:HS20120738
 Lab ID:HS20120738-07
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 16-Dec-2020		Analyst: ACN
1-Methylnaphthalene	34.4	n	1.03	ug/L	10	29-Dec-2020 01:01
2-Methylnaphthalene	10.3		1.03	ug/L	10	29-Dec-2020 01:01
Acenaphthene	ND		1.03	ug/L	10	29-Dec-2020 01:01
Acenaphthylene	ND		1.03	ug/L	10	29-Dec-2020 01:01
Anthracene	ND		1.03	ug/L	10	29-Dec-2020 01:01
Benz(a)anthracene	ND		1.03	ug/L	10	29-Dec-2020 01:01
Benzo(a)pyrene	ND		1.03	ug/L	10	29-Dec-2020 01:01
Benzo(b)fluoranthene	ND		1.03	ug/L	10	29-Dec-2020 01:01
Benzo(g,h,i)perylene	ND		1.03	ug/L	10	29-Dec-2020 01:01
Benzo(k)fluoranthene	ND		1.03	ug/L	10	29-Dec-2020 01:01
Chrysene	ND		1.03	ug/L	10	29-Dec-2020 01:01
Dibenz(a,h)anthracene	ND		1.03	ug/L	10	29-Dec-2020 01:01
Dibenzofuran	4.43		1.03	ug/L	10	29-Dec-2020 01:01
Fluoranthene	ND		1.03	ug/L	10	29-Dec-2020 01:01
Fluorene	4.15		1.03	ug/L	10	29-Dec-2020 01:01
Indeno(1,2,3-cd)pyrene	ND		1.03	ug/L	10	29-Dec-2020 01:01
Naphthalene	14.8		1.03	ug/L	10	29-Dec-2020 01:01
Phenanthrene	5.28		1.03	ug/L	10	29-Dec-2020 01:01
Pyrene	ND		1.03	ug/L	10	29-Dec-2020 01:01
Surr: 2-Fluorobiphenyl	113		32-130	%REC	10	29-Dec-2020 01:01
Surr: 4-Terphenyl-d14	103		40-135	%REC	10	29-Dec-2020 01:01
Surr: Nitrobenzene-d5	82.9		45-142	%REC	10	29-Dec-2020 01:01

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

ALS Houston, US

Date: 29-Dec-20

Client: Permian Basin Environmental Lab, LP
 Project: 0L11001
 Sample ID: 0L11001-24
 Collection Date: 10-Dec-2020 14:31

ANALYTICAL REPORT

WorkOrder:HS20120738
 Lab ID:HS20120738-08
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 16-Dec-2020		Analyst: ACN
1-Methylnaphthalene	14.0	n	1.02	ug/L	10	29-Dec-2020 01:21
2-Methylnaphthalene	ND		1.02	ug/L	10	29-Dec-2020 01:21
Acenaphthene	ND		1.02	ug/L	10	29-Dec-2020 01:21
Acenaphthylene	2.18		1.02	ug/L	10	29-Dec-2020 01:21
Anthracene	1.04		1.02	ug/L	10	29-Dec-2020 01:21
Benz(a)anthracene	ND		1.02	ug/L	10	29-Dec-2020 01:21
Benzo(a)pyrene	ND		1.02	ug/L	10	29-Dec-2020 01:21
Benzo(b)fluoranthene	ND		1.02	ug/L	10	29-Dec-2020 01:21
Benzo(g,h,i)perylene	1.17		1.02	ug/L	10	29-Dec-2020 01:21
Benzo(k)fluoranthene	ND		1.02	ug/L	10	29-Dec-2020 01:21
Chrysene	3.04		1.02	ug/L	10	29-Dec-2020 01:21
Dibenz(a,h)anthracene	ND		1.02	ug/L	10	29-Dec-2020 01:21
Dibenzofuran	8.23		1.02	ug/L	10	29-Dec-2020 01:21
Fluoranthene	ND		1.02	ug/L	10	29-Dec-2020 01:21
Fluorene	7.75		1.02	ug/L	10	29-Dec-2020 01:21
Indeno(1,2,3-cd)pyrene	ND		1.02	ug/L	10	29-Dec-2020 01:21
Naphthalene	2.16		1.02	ug/L	10	29-Dec-2020 01:21
Phenanthrene	2.67		1.02	ug/L	10	29-Dec-2020 01:21
Pyrene	ND		1.02	ug/L	10	29-Dec-2020 01:21
Surr: 2-Fluorobiphenyl	110		32-130	%REC	10	29-Dec-2020 01:21
Surr: 4-Terphenyl-d14	114		40-135	%REC	10	29-Dec-2020 01:21
Surr: Nitrobenzene-d5	107		45-142	%REC	10	29-Dec-2020 01:21

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

ALS Houston, US

Date: 29-Dec-20

Client: Permian Basin Environmental Lab, LP
 Project: 0L11001
 Sample ID: 0L11001-25
 Collection Date: 10-Dec-2020 14:46

ANALYTICAL REPORT

WorkOrder: HS20120738
 Lab ID: HS20120738-09
 Matrix: Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method: SW8270		Prep: SW3511 / 16-Dec-2020		Analyst: ACN
1-Methylnaphthalene	27.0	n	1.02	ug/L	10	29-Dec-2020 01:40
2-Methylnaphthalene	3.85		1.02	ug/L	10	29-Dec-2020 01:40
Acenaphthene	ND		1.02	ug/L	10	29-Dec-2020 01:40
Acenaphthylene	ND		1.02	ug/L	10	29-Dec-2020 01:40
Anthracene	ND		1.02	ug/L	10	29-Dec-2020 01:40
Benz(a)anthracene	ND		1.02	ug/L	10	29-Dec-2020 01:40
Benzo(a)pyrene	ND		1.02	ug/L	10	29-Dec-2020 01:40
Benzo(b)fluoranthene	ND		1.02	ug/L	10	29-Dec-2020 01:40
Benzo(g,h,i)perylene	ND		1.02	ug/L	10	29-Dec-2020 01:40
Benzo(k)fluoranthene	ND		1.02	ug/L	10	29-Dec-2020 01:40
Chrysene	ND		1.02	ug/L	10	29-Dec-2020 01:40
Dibenz(a,h)anthracene	ND		1.02	ug/L	10	29-Dec-2020 01:40
Dibenzofuran	3.69		1.02	ug/L	10	29-Dec-2020 01:40
Fluoranthene	ND		1.02	ug/L	10	29-Dec-2020 01:40
Fluorene	4.27		1.02	ug/L	10	29-Dec-2020 01:40
Indeno(1,2,3-cd)pyrene	ND		1.02	ug/L	10	29-Dec-2020 01:40
Naphthalene	8.57		1.02	ug/L	10	29-Dec-2020 01:40
Phenanthrene	4.70		1.02	ug/L	10	29-Dec-2020 01:40
Pyrene	ND		1.02	ug/L	10	29-Dec-2020 01:40
Surr: 2-Fluorobiphenyl	101		32-130	%REC	10	29-Dec-2020 01:40
Surr: 4-Terphenyl-d14	103		40-135	%REC	10	29-Dec-2020 01:40
Surr: Nitrobenzene-d5	113		45-142	%REC	10	29-Dec-2020 01:40

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

ALS Houston, US

Date: 29-Dec-20

Weight / Prep Log

Client: Permian Basin Environmental Lab, LP

Project: 0L11001

WorkOrder: HS20120738

Batch ID: 160764

Start Date: 16 Dec 2020 13:08

End Date:

Method: SW3511

Prep Code: 3511_PAH

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor
HS20120738-01	1	33.02 (mL)	2 (mL)	0.06057
HS20120738-02	1	32.19 (mL)	2 (mL)	0.06213
HS20120738-03	1	32.01 (mL)	2 (mL)	0.06248
HS20120738-04	1	32.65 (mL)	2 (mL)	0.06126
HS20120738-05	1	32.64 (mL)	2 (mL)	0.06127
HS20120738-06	1	32.28 (mL)	2 (mL)	0.06196
HS20120738-07	1	32.06 (mL)	2 (mL)	0.06238
HS20120738-08	1	32.23 (mL)	2 (mL)	0.06205
HS20120738-09	1	32.28 (mL)	2 (mL)	0.06196

ALS Houston, US

Date: 29-Dec-20

Client: Permian Basin Environmental Lab, LP
Project: 0L11001
WorkOrder: HS20120738

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 160764 (0)		Test Name : LOW-LEVEL PAHS - 8270D			Matrix: Water	
HS20120738-01	0L11001-17	10 Dec 2020 11:15		16 Dec 2020 13:08	28 Dec 2020 23:04	10
HS20120738-02	0L11001-18	10 Dec 2020 11:46		16 Dec 2020 13:08	28 Dec 2020 23:23	10
HS20120738-03	0L11001-19	10 Dec 2020 12:03		16 Dec 2020 13:08	28 Dec 2020 23:43	10
HS20120738-04	0L11001-20	10 Dec 2020 12:38		16 Dec 2020 13:08	29 Dec 2020 00:02	10
HS20120738-05	0L11001-21	10 Dec 2020 13:20		16 Dec 2020 13:08	29 Dec 2020 00:22	10
HS20120738-06	0L11001-22	10 Dec 2020 13:41		16 Dec 2020 13:08	29 Dec 2020 00:41	10
HS20120738-07	0L11001-23	10 Dec 2020 14:03		16 Dec 2020 13:08	29 Dec 2020 01:01	10
HS20120738-08	0L11001-24	10 Dec 2020 14:31		16 Dec 2020 13:08	29 Dec 2020 01:21	10
HS20120738-09	0L11001-25	10 Dec 2020 14:46		16 Dec 2020 13:08	29 Dec 2020 01:40	10

ALS Houston, US

Date: 29-Dec-20

Client: Permian Basin Environmental Lab, LP

Project: 0L11001

WorkOrder: HS20120738

QC BATCH REPORT

Batch ID: 160764 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D					
MBLK	Sample ID: MBLK-160764	Units: ug/L		Analysis Date: 28-Dec-2020 16:12					
Client ID:	Run ID: SV-6_375456	SeqNo: 5901679		PrepDate: 16-Dec-2020		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	2.836	0.100	3.03	0	93.6	32 - 130			
Surr: 4-Terphenyl-d14	2.649	0.100	3.03	0	87.4	40 - 135			
Surr: Nitrobenzene-d5	3.487	0.100	3.03	0	115	45 - 142			

ALS Houston, US

Date: 29-Dec-20

Client: Permian Basin Environmental Lab, LP
Project: 0L11001
WorkOrder: HS20120738

QC BATCH REPORT

Batch ID: 160764 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D					
LCS		Sample ID: LCS-160764		Units: ug/L		Analysis Date: 28-Dec-2020 16:32			
Client ID:		Run ID: SV-6_375456		SeqNo: 5901680		PrepDate: 16-Dec-2020		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
1-Methylnaphthalene	2.967	0.100	3.03	0	97.9	40 - 140			
2-Methylnaphthalene	3.141	0.100	3.03	0	104	40 - 140			
Acenaphthene	3.106	0.100	3.03	0	103	40 - 140			
Acenaphthylene	2.975	0.100	3.03	0	98.2	40 - 140			
Anthracene	2.895	0.100	3.03	0	95.5	40 - 140			
Benz(a)anthracene	2.843	0.100	3.03	0	93.8	40 - 140			
Benzo(a)pyrene	3.233	0.100	3.03	0	107	40 - 140			
Benzo(b)fluoranthene	3.057	0.100	3.03	0	101	40 - 140			
Benzo(g,h,i)perylene	2.647	0.100	3.03	0	87.4	40 - 140			
Benzo(k)fluoranthene	3.382	0.100	3.03	0	112	40 - 140			
Chrysene	2.894	0.100	3.03	0	95.5	40 - 140			
Dibenz(a,h)anthracene	2.947	0.100	3.03	0	97.3	40 - 140			
Dibenzofuran	2.977	0.100	3.03	0	98.3	40 - 140			
Fluoranthene	2.825	0.100	3.03	0	93.2	40 - 140			
Fluorene	3.014	0.100	3.03	0	99.5	40 - 140			
Indeno(1,2,3-cd)pyrene	3.566	0.100	3.03	0	118	40 - 140			
Naphthalene	3.228	0.100	3.03	0	107	40 - 140			
Phenanthrene	3.03	0.100	3.03	0	100.0	40 - 140			
Pyrene	2.984	0.100	3.03	0	98.5	40 - 140			
Surr: 2-Fluorobiphenyl	2.829	0.100	3.03	0	93.4	32 - 130			
Surr: 4-Terphenyl-d14	2.769	0.100	3.03	0	91.4	40 - 135			
Surr: Nitrobenzene-d5	3.404	0.100	3.03	0	112	45 - 142			

ALS Houston, US

Date: 29-Dec-20

Client: Permian Basin Environmental Lab, LP
Project: 0L11001
WorkOrder: HS20120738

QC BATCH REPORT

Batch ID: 160764 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D						
LCSD		Sample ID: LCSD-160764		Units: ug/L		Analysis Date: 28-Dec-2020 16:51				
Client ID:		Run ID: SV-6_375456		SeqNo: 5901681		PrepDate: 16-Dec-2020		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	2.954	0.100	3.03	0	97.5	40 - 140	2.967	0.444	25	
2-Methylnaphthalene	3.144	0.100	3.03	0	104	40 - 140	3.141	0.0752	25	
Acenaphthene	3.213	0.100	3.03	0	106	40 - 140	3.106	3.37	25	
Acenaphthylene	3.116	0.100	3.03	0	103	40 - 140	2.975	4.65	25	
Anthracene	2.897	0.100	3.03	0	95.6	40 - 140	2.895	0.0774	25	
Benz(a)anthracene	2.894	0.100	3.03	0	95.5	40 - 140	2.843	1.77	25	
Benzo(a)pyrene	3.092	0.100	3.03	0	102	40 - 140	3.233	4.46	25	
Benzo(b)fluoranthene	3.033	0.100	3.03	0	100	40 - 140	3.057	0.794	25	
Benzo(g,h,i)perylene	2.662	0.100	3.03	0	87.9	40 - 140	2.647	0.562	25	
Benzo(k)fluoranthene	3.395	0.100	3.03	0	112	40 - 140	3.382	0.406	25	
Chrysene	2.95	0.100	3.03	0	97.4	40 - 140	2.894	1.9	25	
Dibenz(a,h)anthracene	2.829	0.100	3.03	0	93.4	40 - 140	2.947	4.09	25	
Dibenzofuran	3.1	0.100	3.03	0	102	40 - 140	2.977	4.04	25	
Fluoranthene	2.845	0.100	3.03	0	93.9	40 - 140	2.825	0.693	25	
Fluorene	3.176	0.100	3.03	0	105	40 - 140	3.014	5.22	25	
Indeno(1,2,3-cd)pyrene	3.596	0.100	3.03	0	119	40 - 140	3.566	0.855	25	
Naphthalene	3.207	0.100	3.03	0	106	40 - 140	3.228	0.642	25	
Phenanthrene	2.996	0.100	3.03	0	98.9	40 - 140	3.03	1.14	25	
Pyrene	3.007	0.100	3.03	0	99.2	40 - 140	2.984	0.783	25	
Surr: 2-Fluorobiphenyl	2.97	0.100	3.03	0	98.0	32 - 130	2.829	4.87	25	
Surr: 4-Terphenyl-d14	2.8	0.100	3.03	0	92.4	40 - 135	2.769	1.11	25	
Surr: Nitrobenzene-d5	3.215	0.100	3.03	0	106	45 - 142	3.404	5.71	25	

The following samples were analyzed in this batch:

HS20120738-01	HS20120738-02	HS20120738-03	HS20120738-04
HS20120738-05	HS20120738-06	HS20120738-07	HS20120738-08
HS20120738-09			

ALS Houston, US

Date: 29-Dec-20

Client: Permian Basin Environmental Lab, LP
Project: 0L11001
WorkOrder: HS20120738

**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: 29-Dec-20

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arkansas	20-030-0	26-Mar-2021
California	2919, 2020-2021	30-Apr-2021
Dept of Defense	PJLA L20-507	22-Dec-2021
Florida	E87611-30-07/01/2020	30-Jun-2021
Illinois	2000322020-4	09-May-2021
Kansas	E-10352 2020-2021	31-Jul-2021
Kentucky	123043, 2020-2021	30-Apr-2021
Louisiana	03087, 2020-2021	30-Jun-2021
North Carolina	624-2020	31-Dec-2020
North Dakota	R-193 2020-2021	30-Apr-2021
Oklahoma	2020-165	31-Aug-2021
Texas	T104704231-20-26	30-Apr-2021

ALS Houston, US

Date: 29-Dec-20

Sample Receipt Checklist

Work Order ID: HS20120738

Date/Time Received: 15-Dec-2020 10:25

Client Name: Permian Basin Lab

Received by: Jared R. Makan

Completed By: <u>/S/ Paresh M. Giga</u>	15-Dec-2020 12:00	Reviewed by: <u>/S/ Bernadette A. Fini</u>	15-Dec-2020 12:08
eSignature	Date/Time	eSignature	Date/Time

Matrices: WaterCarrier name: FedEx

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):	1.2C U/C IR31		
Cooler(s)/Kit(s):	Red		
Date/Time sample(s) sent to storage:	12/15/2020 12:15		
Water - VOA vials have zero headspace?	Yes ☒	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☒
pH adjusted?	Yes ☐	No ☐	N/A ☒
pH adjusted by:			

Login Notes:

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

Corrective Action:



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235

Project Manager: Brent BarronProject Name: SubcontractCompany Name: Permian Basin Environmental Lab, LPProject #: 0L11001Company Address: 1400 Rankin HwyProject Loc: Midland, TexasCity/State/Zip: Midland, Texas 79701

PO #: _____

Telephone No: 432-686-7235

Fax No: _____

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

Sampler Signature: _____

e-mail: brentbarron@gmail.com

(lab use only)

ORDER #:

(lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers										Matrix	PAHs by 8270 LL	Analyze For:	Day	Tat
								Ice	HNO ₃ 250ml vial	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₈	None 500 ml Plastic	NaOH/ZnAc	DW=Drinking Water SL=Sludge	GW=Groundwater S=Soil/Solid	NP=Non-Petroleum Specify Other				
	0L11001-17			12/10/20	1115	3	X									W			X			X
	0L11001-18			12/10/20	1146	3	X									W			X			X
	0L11001-19			12/10/20	1203	3	X									W			X			X
	0L11001-20			12/10/20	1238	3	X									W			X			X
	0L11001-21			12/10/20	1320	3	X									W			X			X
	0L11001-22			12/10/20	1341	3	X									W			X			X
	0L11001-23			12/10/20	1403	3	X									W			X			X
	0L11001-24			12/10/20	1431	3	X									W			X			X
	0L11001-25			12/10/20	1446	3	X									W			X			X

Special Instructions:

High Dissolved solids content

Relinquished by:
Brent Barron

Date

12/14/20

Time

1600

Received by:

J. W. Warrick

Date

12/15/20

Time

10:25

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

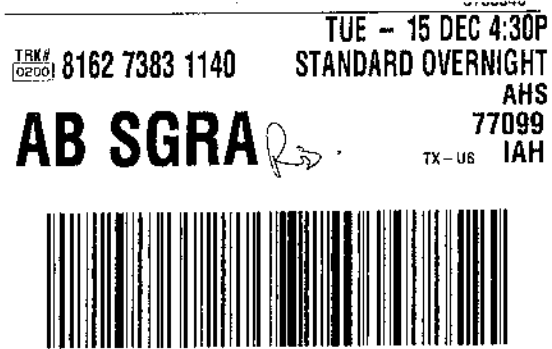
Received by:

Date

Time

Laboratory Comments:

Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
Labels on container(s) Y N
Custody seals on container(s) Y N
Custody seals on cooler(s) Y N
Sample Hand Delivered Y N
by Sampler/Client Rep. ? Y N
by Courier? UPS DHL FedEx Lone Star
Temperature Upon Receipt:
Received: 112 °C
Adjusted: 0 °C Factor



Appendix B
Release Notification and Corrective Action
(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-141
Originated 2/13/97

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

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name Texas-New Mexico Pipe Line Company	Contact Edwin H. Gripp
Address Box 60028, 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>Delina T. Wardlaw</i>	
By Whom? <i>Johanny 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: *E. H. Gripp*

Printed Name: Edwin H. Gripp

Title: District Manager

Date: 8-14-97

Phone: 915-947-9001

OIL CONSERVATION DIVISION

Approved by
District Supervisor:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐

* Attach Additional Sheets If Necessary

State Corp. Commission
Pipe Line 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 22913

CONDITIONS

Operator: PLAINS MARKETING L.P. 333 Clay St, Ste 1600 Houston, TX 77002	OGRID: 34053
	Action Number: 22913
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Review of 2020 ANNUAL GROUNDWATER MONITORING REPORT: Content satisfactory Contractor anticipated actions approved by OCD and are as follows; 1. Continue monthly gauging and quartering sampling in 2021 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 recovery wells RW-3 through RW-6 4. Submit the Annual Monitoring Report to the OCD no later than March 31, 2022.	1/11/2022