



**2023
ANNUAL MONITORING REPORT**

REVIEWED

By Mike Buchanan at 4:34 pm, Jun 12, 2024

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

Review of the 2023 Annual
Monitoring Report for TNM
97-17 Site; Content

Satisfactory

1. Continue to gauge wells monthly, and sample groundwater on a quarterly basis as planned.
2. Conduct PAH analysis on wells: MW-4, MW-6, MW-7, MW-8, MW-14, MW-15 and MW-19 as planned in the report.
3. Conduct low flow sampling on MW-11, MW-5, MW-7 and MW-19, MW-25, RW-3.
4. Submit next annual groundwater report with findings to NMOCD by April 1, 2025.

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May 2024

Misti Bryant

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Assistant Project Manager

A handwritten signature in black ink, appearing to read "Jonathan P. Repman".

Jonathan P. Repman, P.G.
Midland Office Practice Lead

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INTRODUCTION

On behalf of Plains Marketing, L.P., (Plains), TRC Environmental Corporation (TRC) is pleased to submit this 2023 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 2023. For reference, the Site Location Map is provided as Figure 1.

Groundwater monitoring was conducted during all four (4) quarters of 2023 to assess the levels and extent of dissolved phase constituents and Phase Separated Hydrocarbon (PSH). Each groundwater monitoring event consisted of measuring static water levels in monitor wells, checking for the presence of PSH on the water column and purging and sampling of each well exhibiting sufficient recharge. Monitor wells containing a thickness of PSH greater than 0.01 foot were not sampled as per a NMOCD directive, with the exception of monitor wells selected as part of monitored natural attenuation (MNA) sampling activities.

SITE DESCRIPTION AND BACKGROUND INFORMATION

The legal description of the Site is NW1/4 SW1/4, Section 21, Township 20 South, Range 37 East, in Lea County, New Mexico. The TNM 97-17 Release was discovered by Texas New Mexico Pipe Line Company (TNMPL) and reported on August 19, 1997. An estimated one-hundred seventy (170) barrels of crude oil were released with one-hundred sixty (160) barrels recovered. The Release occurred from a sixteen (16)-inch pipeline and was attributed to structural failure associated with internal pipeline corrosion. Following completion of repairs to the pipeline, approximately 1,160 cubic yards (cy) of impacted soil was excavated and stockpiled on-site pending treatment. The groundwater at the Site ranges from approximately nineteen (19) to twenty-four (24) feet below ground surface (bgs).

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

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

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

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

FIELD ACTIVITIES

Product Recovery Efforts

During the first quarter 2023, a measurable thickness of PSH was recorded in MW-4, MW-6, MW-8 and RW-5. During the second quarter 2023, a measurable thickness of PSH was recorded in MW-6, MW-8, MW-19, and RW-5. During the third quarter 2023, a measurable thickness of PSH was recorded in MW-6, MW-8 and MW-15. During the fourth quarter 2023, a measurable thickness of PSH was recorded in MW-6, MW-8, MW-15, and RW-5.

The average thickness of PSH in monitor wells exhibiting PSH was 0.28 feet. The maximum thickness of PSH in monitor wells during the 2023 reporting period was 1.22 feet in monitor well MW-6 on June 30, 2023. Groundwater elevation data for the 2023 gauging events can be found in Table 1. Approximately 7.40 gallons (0.176 barrels) of PSH were recovered from the Site during the reporting period. Approximately 2,795.53 gallons (approximately 66.556 barrels) of PSH has been recovered since project inception.

Groundwater Monitoring

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

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

The Site monitor wells were gauged and sampled on February 27-March 2, May 10-11, August 16-18, and December 13-15, 2023. During each sampling event, the wells not selected for MNA parameter analyses (MW-1, MW-2, MW-3, MW-4, MW-6, MW-8, MW-10, MW-12, MW-13, MW-14, MW-15, MW-16, MW-17, MW-18, MW-20, MW-21, MW-23, MW-26, MW-27, MW-28, RW-1, RW-4, RW-5 and RW-6) were purged of a minimum of three (3) well volumes of water or until the wells were dry

using a PVC bailer. Groundwater was allowed to recharge and samples were collected using disposable PVC 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.

Alternatively, wells selected as MNA parameter wells (MW-5, MW-7, MW-11, MW-19, MW-25 and RW-3) were sampled using industry standard low-flow sampling techniques. A water quality meter was utilized to monitor the flow of groundwater for pH, temperature (°C), conductivity, Oxygen Reduction Potential (ORP), Dissolved Oxygen (DO), and Turbidity. The above parameters were monitored until three (3) of the six (6) parameters stabilized to within a ten percent (10%) “window”, at which time groundwater samples were collected. The five (5) monitor wells (MW-11, MW-5, MW-7, MW-19, and MW-25) and recovery well RW-3 were sampled for concentrations of BTEX using Method EPA 8021B, Total Organic Carbon (TOC) using Method EPA 415.1, Dissolved Methane Gas using RSK-175, Dissolved Ethane Gas using RSK-175, Dissolved Ethene Gas using RSK-175, Dissolved Iron (filtered) using Method EPA 6010B, Dissolved Manganese (filtered) using Method EPA 6010B, Anion Nitrate and Sulfate by Method EPA 300.0, and Chemical Oxygen Demand (COD) by 8000.

Locations of the monitor wells and the inferred groundwater gradient, which were constructed from measurements collected during the four (4) quarterly monitoring events, are depicted as Figures 2A through 2D, the Inferred Groundwater Gradient Maps. Groundwater elevation data for 2023 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 0.0032 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, 3rd and 4th quarters indicated the inferred groundwater gradient ranged from 0.0022 feet/foot during the 1st quarter to 0.0037 feet/foot during the 2nd quarter. The corrected groundwater elevations ranged from 3,887.77 to 3,490.33 feet, in monitor well MW-21 on August 16, 2023, and in monitor well MW-11 on May 11, 2023, respectively.

LABORATORY RESULTS

Groundwater samples collected during the four (4) quarterly sampling events of the 2023 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 2023 calendar year on monitor well MW-4, MW-7, MW-14, MW-15, MW-19 and recovery wells RW-3, RW-4, and 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 2023 concentrations of BTEX in groundwater is summarized in Table 2 and historical concentrations of BTEX in groundwater are summarized in Table 5. The 2023 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 2023 are provided in Appendix A. The quarterly groundwater sample results for BTEX constituent concentrations are depicted on Figures 3A through 3D.

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

Monitor well MW-2 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 2nd quarter of 2003. PAH analysis was not required on samples from MW-2 during the 4th quarter sampling event.

Monitor well MW-3 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 2nd quarter of 2003. PAH analysis was not required on samples from MW-3 during the 4th quarter sampling event.

Monitor well MW-4 is sampled/monitored on a quarterly schedule but was not sampled in the 1st quarter due to the presence of PSH. The analytical results indicated benzene concentrations ranged from 1.62 mg/L during the 3rd and 4th quarters to 6.98 mg/L during the 2nd quarter of 2023. Benzene concentrations were above the NMOCD regulatory guidelines during the 2nd, 3rd, and 4th quarters of the reporting period. Toluene concentrations ranged from 0.00810 mg/L during the 3rd quarter to 0.0880 mg/L during the 2nd quarter of 2023. Toluene concentrations were below the NMOCD regulatory guidelines during the 2nd, 3rd, and 4th quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0175 mg/L during the 2nd quarter to 0.138 mg/L during the 2nd quarter of 2023. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during the 2nd, 3rd, and 4th quarters of the reporting period. Xylene concentrations ranged from 0.06930 mg/L during the 4th quarter to 0.3732 mg/L during the 2nd quarter of 2023. Xylene concentrations were below the NMOCD regulatory guidelines during the 2nd, 3rd, and 4th quarters of the reporting period.

PAH analysis during the 4th quarter sampling event indicated elevated concentrations above New Mexico Water Quality Control Commission (NMWQCC) Drinking Water Standards for chrysene (0.010 mg/L) and fluoranthene (0.013 mg/L).

Monitor well MW-5 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.00174 mg/L during the 3rd quarter to 0.00478 mg/L during the 1st quarter of 2023. 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 4th quarter to 0.00146 mg/L during the 2nd quarter of 2023. Toluene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from less than the applicable laboratory RL during the 3rd and 4th quarters to 0.00134 mg/L during the 1st quarter of the reporting period. Ethylbenzene concentrations were below the NMOCD regulatory guidelines all four (4) quarters of the

reporting period. Xylene concentrations ranged from less than the applicable laboratory RL during the 2nd, 3rd, and 4th quarters to 0.00101 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 MW-5 during the 4th quarter sampling event.

Please note, monitor well MW-5 was selected as MNA parameter well and is located at the “up-gradient within plume” location. Groundwater samples collected during the reporting period were obtained using low-flow sampling techniques. The table below list the stabilization levels for the water quality parameters during the reporting period for monitor well MW-5.

Sample Date	Sample Location	pH (SU) ±10%	Temp C ±10%	Conductivity (u-mhos/cm) ±10%	ORP (mV) ±10%	DO mg/L ±10%	Turbidity (NTUs) ±10% or < 5 NTUs
02/28/23	MW-5	3.43	22.87	15.2	-65	0.23	1000.0
05/11/23	MW-5	7.39	21.50	13,677	-468.7	0.12	168.67
08/17/23	MW-5	7.17	24.56	14.33	-450.7	1.74	45.94
12/14/23	MW-5	7.69	18.08	15.49	-371.1	1.05	224.76

Analytical benzene data for up to the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “Decreasing” in monitor well MW-5. Analytical toluene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “Probably Decreasing” in monitor well MW-5. Analytical ethylbenzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “Decreasing” in monitor well MW-5. Analytical xylene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “Decreasing” in monitor well MW-5.

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

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

Monitor well MW-6 is monitored/sampled on a quarterly schedule. Monitor well MW-6 was not sampled during all four (4) quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 0.13 feet, 0.10 feet, 0.10 feet, and 0.56 feet were reported during the 1st, 2nd, 3rd, and 4th quarters of 2023, respectively. PAH analysis was not conducted during the 4th quarter due to PSH being present in the well.

Monitor well MW-7 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.0434 mg/L during the 4th quarter to 0.824 mg/L during the 3rd quarter of

2023. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations were less than the applicable laboratory RL and the the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.00245 mg/L during the 4th quarter to 0.0390 mg/L during the 1st quarter of the reporting period. Ethylbenzene concentrations were below the NMOCD regulatory guidelines all four (4) quarters of the reporting period. Xylene concentrations ranged from less than the applicable laboratory RL during the 4th quarter to 0.01683 mg/L during the 1st quarter. Xylene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period.

PAH analysis during the 4th quarter sampling event indicated concentrations were below New Mexico Water Quality Control Commission (NMWQCC) Drinking Water Standards for PAH constituents.

Monitor well MW-7 was selected as an MNA parameter well and is located in the “Center of Plume” location. The table below list the stabilization levels for the water quality parameters during the reporting period for monitor well MW-7.

Sample Date	Sample Location	pH (SU) ±10%	Temp C ±10%	Conductivity (u-mhos/cm) ±10%	ORP (mV) ±10%	DO mg/L ±10%	Turbidity (NTUs) ±10% or < 5 NTUs
02/28/23	MW-7	5.38	22.67	14.9	-201	2.60	92.3
05/11/23	MW-7	7.17	21.79	13,467	-451.5	0.18	88.62
08/17/23	MW-7	6.99	24.04	12.71	-446.2	1.94	31.54
12/14/23	MW-7	7.57	19.91	15.19	-392.9	0.24	339.27

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

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

Monitor well MW-8 is monitored on a quarterly schedule. Monitor well MW-8 was not sampled during all four (4) quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 0.37 feet, 0.36 feet, 0.54 feet, and 0.34 feet were reported during the 1st, 2nd, 3rd, and 4th quarters of 2023, respectively. PAH analysis was not conducted on samples from MW-8 during the 4th quarter sampling event due to the presence of PSH.

Monitor well MW-10 is sampled on an annual schedule and the analytical results indicated the benzene and toluene concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 4th quarter of the reporting period. The ethylbenzene concentration was 0.00331 mg/L and less than the NMOCD regulatory guideline during the 3rd quarter of the reporting period. The xylene concentration was 0.00135 mg/L and less than the NMOCD regulatory guideline during the 4th quarter of the reporting period. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 2nd quarter of 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 however, MW-11 was selected as a MNA parameter well and was sampled all four (4) quarters. Analytical results indicated benzene, toluene, ethylbenzene, and xylene concentrations ranged from below the applicable laboratory RL during all four (4) quarters of the reporting period and were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period.

Monitor well MW-11 was selected as an MNA parameter well and is located in the “Up-gradient of Plume” location. The table below list the stabilization levels for the water quality parameters during the reporting period for monitor well MW-11.

Sample Date	Sample Location	pH (SU) ±10%	Temp C ±10%	Conductivity (u-mhos/cm) ±10%	ORP (mV) ±10%	DO mg/L ±10%	Turbidity (NTUs) ±10% or < 5 NTUs
02/28/23	MW-11	5.50	21.68	14.0	178	0.55	272
05/11/23	MW-11	7.26	20.56	12,771	-90.5	0.18	1,207.30
08/17/23	MW-11	7.13	22.78	14.23	4.7	1.90	43.95
12/14/23	MW-11	7.57	18.30	0.10	17.9	7.49	19.36

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

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

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

Monitor well MW-13 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below regulatory guidelines since the 1st quarter of 2007. PAH analysis was not required on samples from MW-13 during the 4th quarter sampling event.

Monitor well MW-14 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.178 mg/L during the 3rd quarter to 0.270 mg/L during the 2nd quarter of 2023. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from 0.00113 mg/L during the 4th quarter to 0.00526 mg/L during the 3rd quarter. Toluene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.151 during the 3rd quarter to 0.192 mg/L during the 2nd quarter of 2023. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.04654 mg/L during the 4th quarter to 0.0610 mg/L during the 3rd quarter of 2023. 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 (0.056 mg/L), indeno[1,2,3-cd]pyrene (0.0081 mg/L), phenanthrene (0.011 mg/L), pyrene (0.0014 mg/L), and naphthalene (0.0401 mg/L).

Monitor well MW-15 is sampled on a quarterly schedule but was not sampled during the 3rd and 4th quarter due to the presence of PSH. The analytical results indicated benzene concentrations ranged from below the applicable laboratory RL during the 2nd quarter to 0.00955 mg/L during the 1st quarter of 2023. Benzene concentrations were below the NMOCD regulatory guidelines during the 1st and 2nd quarters of the reporting period. Toluene concentrations ranged from below the applicable laboratory RL during the 2nd quarter to 0.0136 mg/L during the 1st quarter of 2023. Toluene concentrations were below the NMOCD regulatory guidelines during the 1st and 2nd quarters of the reporting period. Ethylbenzene concentrations ranged from less than the applicable laboratory RL during the 2nd quarter to 0.0374 mg/L during the 1st quarter of 2023. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during the 1st and 2nd quarters of the reporting period. Xylene concentrations ranged from below the applicable laboratory RL during the 2nd quarter to 0.1211 mg/L during the 1st quarter of 2023. Xylene concentrations were below the NMOCD regulatory guidelines during the 1st and 2nd quarter of the reporting period. PAH analysis was not sampled during the 4th quarter due to the presence of PSH.

Monitor well MW-16 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below regulatory guidelines since the 1st quarter of 2007. PAH analysis was not required on samples from MW-16 during the 4th quarter sampling event.

Monitor well MW-17 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 4th quarter sampling event. The analytical results indicated BTEX constituent

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

Monitor well MW-18 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below regulatory guidelines since the 2nd quarter 2012. PAH analysis was not required on samples from MW-18 during the 4th quarter sampling event.

Monitor well MW-19 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.116 mg/L during the 4th quarter to 0.197 mg/L during the 2nd quarter of 2023. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from below the applicable laboratory RL during the 4th quarter to 0.00227 mg/L during the 2nd quarter of 2023. Toluene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.00279 mg/L during the 3rd quarter to 0.00567 mg/L during the 2nd quarter of 2023. Ethylbenzene concentrations were below the NMOCD regulatory guidelines all four (4) quarters of the reporting period. Xylene concentrations ranged from less than the applicable laboratory RL during the 2nd and 3rd quarters to 0.0130 mg/L during the 1st quarter of 2023. Xylene concentrations were below the NMOCD regulatory guidelines all four (4) quarters of the reporting period.

PAH analysis during the 4th quarter sampling event indicated concentrations were below New Mexico Water Quality Control Commission (NMWQCC) Drinking Water Standards for PAH constituents.

Please note, monitor well MW-19 was selected as MNA parameter well and is located at the “down-gradient within plume” location. Groundwater samples collected during the reporting period were obtained using low-flow sampling techniques. The table below list the stabilization levels for the water quality parameters during the reporting period for monitor well MW-19.

Sample Date	Sample Location	pH (SU) ±10%	Temp C ±10%	Conductivity (u-mhos/cm) ±10%	ORP (mV) ±10%	DO mg/L ±10%	Turbidity (NTUs) ±10% or < 5 NTUs
02/28/23	MW-19	4.90	22.95	8.04	-134	0.44	121
05/11/23	MW-19	7.17	21.65	7,610.90	-450.2	0.13	175.29
08/17/23	MW-19	6.98	24.51	9.36	-444.4	1.81	16.44
12/14/23	MW-19	7.54	19.58	9.52	391.9	0.23	29.85

Analytical benzene data for up to the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “Decreasing” in monitor well MW-19. Analytical toluene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “Decreasing” in monitor well MW-19. Analytical ethylbenzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “Decreasing”

in monitor well MW-19. Analytical xylene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “No Trend” in monitor well MW-19.

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

Monitor well MW-20 is sampled on a quarterly schedule and the analytical results indicated benzene, toluene, ethylbenzene, and xylene concentrations were less than the applicable laboratory RL and the NMOCD regulatory guidelines during all four (4) quarters of reporting period. PAH analysis was not required on samples from MW-20 during the 4th quarter sampling event.

Monitor well MW-21 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below 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-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-25 is sampled on a semi-annual schedule however, MW-25 was selected as an MNA parameter well and was sampled during all four (4) quarters of the reporting period. Analytical results indicated benzene, toluene, ethylbenzene, and xylene concentrations ranged from below the applicable laboratory RL and were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period.

Please note, monitor well MW-25 was selected as MNA parameter well and is located “down-gradient of plume” location. Groundwater samples collected during the reporting period were obtained using low-flow sampling techniques. The table below list the stabilization levels for the water quality parameters during the reporting period for monitor well MW-25.

Sample Date	Sample Location	pH (SU) ±10%	Temp C ±10%	Conductivity (u-mhos/cm) ±10%	ORP (mV) ±10%	DO mg/L ±10%	Turbidity (NTUs) ±10% or < 5 NTUs
02/28/23	MW-25	4.23	21.64	12.3	221	0.39	108
05/11/23	MW-25	7.20	19.92	10,961	-116.8	0.13	194.92
08/17/23	MW-25	7.13	21.86	12.10	4.8	-	4.49
12/14/23	MW-25	7.69	18.43	13.68	285.3	0.24	368.4

Analytical benzene data for up to the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “Stable” in monitor well MW-25. Analytical toluene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “No Trend” in monitor well MW-25. Analytical ethylbenzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “Probably Decreasing” in monitor well MW-25. Analytical xylene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “No Trend” in monitor well MW-25.

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

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

Monitor well MW-26 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 4th quarter of 2023. 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 0.00161 mg/L during the 1st quarter to 0.171 mg/L during the 4th quarter of 2023. Benzene concentrations were above the NMOCD regulatory guideline during the 4th quarter of the reporting period. Toluene concentrations ranged from below the applicable laboratory RL during the 4th quarter to 0.0105 mg/L during the 2nd 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 0.00413 mg/L during the 3rd quarter to 0.0567 mg/L during the 2nd 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 0.01084 mg/L during the 3rd quarter to 0.05489 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 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 below the applicable laboratory RL during the 1st, 2nd, and 4th quarters to 0.0707 mg/L during the 3rd quarter of 2023. Benzene concentrations were above the NMOCD regulatory guidelines during the 3rd quarter of the reporting period. Toluene, ethylbenzene, and xylene concentrations were below the applicable laboratory RL and the NMOCD regulatory guidelines all four (4) quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated all PAH constituent concentrations were below NMWQCC Drinking Water Standards.

Please note, recovery well RW-3 was selected as MNA parameter well and is located at the “cross-gradient of plume” location. Groundwater samples collected during the reporting period were obtained using low-flow sampling techniques. The table below list the stabilization levels for the water quality parameters during the reporting period for recovery well RW-3.

Sample Date	Sample Location	pH (SU) ±10%	Temp C ±10%	Conductivity (u-mhos/cm) ±10%	ORP (mV) ±10%	DO mg/L ±10%	Turbidity (NTUs) ±10% or < 5 NTUs
02/28/23	RW-3	1.8	22	14.1	119	0.10	942
05/11/23	RW-3	7.23	21.47	13,182	-283.1	0.09	1,940.20
08/17/23	RW-3	-	-	-	-	-	-
12/14/23	RW-3	7.60	20.07	15.11	-348.2	0.17	581.89

Analytical benzene data for up to the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “Decreasing” in recovery well RW-3. Analytical toluene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “Decreasing” in recovery well RW-3. Analytical ethylbenzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “Decreasing” in recovery well RW-3. Analytical xylene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was “Decreasing” in recovery well RW-3.

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

Recovery well RW-4 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.0204 mg/L during the 1st quarter to 0.245 mg/L during the 4th quarter of 2023. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from below the applicable laboratory RL during the 1st, 2nd, and 4th quarters to 0.00505 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 0.00371 mg/L during the 1st quarter to 0.0918 mg/L during the 3rd quarter of 2023. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.00448 mg/L during the 1st quarter to 0.07675 mg/L during the 3rd quarter of 2023. 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 dibenz[a,h]anthene (0.0013 mg/L), fluoranthene (0.012 mg/L), phenanthrene (0.030 mg/L), pyrene (0.0011 mg/L), and naphthalene (0.060 mg/L).

Recovery well RW-5 is sampled on a quarterly schedule but was not sampled due to the presence of PSH during the 1st, 2nd, and 4th quarters. The analytical results indicated benzene concentrations were 0.146 mg/L during the 3rd quarter of the reporting period. Benzene concentrations were above the NMOCD regulatory guidelines during the 3rd quarter of the reporting period. Toluene concentrations were below the applicable laboratory RL and were below the NMOCD regulatory guidelines the 3rd quarter of the reporting period. Ethylbenzene concentrations were 0.00477 mg/L during the 3rd quarter of the reporting period. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during the 3rd quarter of the reporting period. Xylene concentrations were 0.00693 mg/L during the 3rd quarter of the reporting period. Xylene concentrations were below the NMOCD regulatory guidelines during the 3rd quarter of the reporting period. PAH was not sampled during the 4th quarter due to the presence of PSH.

Recovery well RW-6 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.0730 mg/L during the 1st quarter to 0.131 mg/L during the 2nd quarter of the reporting period. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from 0.00943 mg/L during the 1st quarter to 0.0598 mg/L during the 2nd 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 0.0191 mg/L during the 1st quarter to 0.0854 mg/L during the 2nd 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 0.0363 mg/L during the 4th quarter to 0.2560 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 elevated concentrations above NMWQCC Drinking Water Standards for fluoranthene (0.0066 mg/L), indeno[1,2,3-cd]pyrene (0.0077 mg/L), phenanthrene (0.0022 mg/L), pyrene (0.083 mg/L), and naphthalene (0.0505 mg/L).

Laboratory analytical results were compared to NMOCD regulatory limits based on the New Mexico groundwater guidelines found in Section 20.6.2.3103 of the New Mexico Administrative Code.

MONITORED NATURAL ATTENUATION RESULTS SUMMARY

The New Mexico Administrative Code (NMAC) 20.5.13 has defined Monitored Natural Attenuation as “a methodology for remediation that relies upon a variety of naturally occurring chemical, physical, and biological processes to achieve target concentrations in a manner that is equally as protective of public health, safety, and welfare, and the environment as other methods and is accompanied by a program of monitoring to document the process and results of the above mentioned processes.”

Following a release, bacteria and archaea begin to degrade petroleum plumes by oxidizing hydrocarbons. In order for this biodegradation to occur, reducers such as oxygen, nitrate, manganese²⁺, iron³⁺, sulfate, and carbon dioxide must be present. These reactions, termed oxidation-reduction, or “REDOX” reactions, provide bacteria and archaea varying amounts of energy.

The microbial population will utilize the most energetically favorable reaction available and subsequently move to less favorable reactions as electron acceptors are consumed. This process is generally termed the “REDOX Ladder”, which is depicted in the figure below.

Common Hydrocarbon REDOX Reactions in Groundwater		
Reaction	Process	Energy
Aerobic Oxidation	$\text{CH}_2\text{O} + \text{O}_2 \rightarrow \text{CO}_2 + \text{H}_2\text{O}$	-120 Kcal/mol
Denitrification	$5\text{CH}_2\text{O} + 3\text{NO}_3 + 4\text{H}^+ \rightarrow \text{CO}_2 + 7\text{H}_2\text{O} + 2\text{N}_2$	-114 Kcal/mol
Manganese Reduction	$\text{CH}_2\text{O} + 2\text{MnO}_2 + 4\text{H}^+ \rightarrow \text{CO}_2 + 3\text{H}_2\text{O} + 2\text{Mn}^{2+}$	-81 Kcal/mol
Iron Reduction	$\text{CH}_2\text{O} + 4\text{Fe}(\text{OH})_3 + 8\text{H}^+ \rightarrow \text{CO}_2 + 11\text{H}_2\text{O} + 4\text{Fe}^{2+}$	-28 Kcal/mol
Sulfate Reduction	$2\text{CH}_2\text{O} + \text{SO}_4^{2-} + \text{H}^+ \rightarrow 2\text{CO}_2 + 2\text{H}_2\text{O} + \text{HS}^-$	-25 Kcal/mol
Methanogenesis	$2\text{CH}_2\text{O} \rightarrow \text{CH}_3\text{COOH} \rightarrow \text{CH}_4 + \text{CO}_2$	-22 Kcal/mol

The most energetically favorable electron acceptors tend to get consumed first and plumes tend to be limited in them toward the plume center while having excess of the other electron acceptors toward the periphery. For this reason, the groundwater geochemistry of hydrocarbon plumes tends to be characterized by concentric three-dimensional regions each dominated by one of the reactions listed above. The largest source of electron donors is typically light non-aqueous phase liquids (LNAPLs); therefore, the center of the concentric regions tends to be at the location of LNAPL. Please note, LNAPL and PSH are used interchangeably in this report.

The lateral and vertical location as well as the morphology of each region can be determined using the concentration of the electron acceptors, electron donors, and the field-measured parameters such as ORP, pH, and DO.

Dissolved-phase hydrocarbon plumes begin to spread out within the subsurface along the direction of groundwater flow (controlled by advection), perpendicular to groundwater flow (controlled by diffusion), and vertically (controlled by infiltration and advection) following the release. LNAPL, when present, tends to be smeared within the soil vertically and along the direction of groundwater flow, however due to higher viscosity, will travel more slowly than groundwater. For these reasons, the plume shape, COC concentrations, and biogeochemistry change with time.

To determine the morphology of each biodegradation region, six (6) monitor/recovery wells were sampled. These wells generally included one (1) well upgradient of the plume (MW-11), one (1) well upgradient within the plume (MW-5), one (1) well near the center of the plume (MW-7), one (1) well downgradient within the plume (MW-19), one (1) well downgradient of the plume (MW-25), and one (1) well cross-gradient of the plume center (RW-3).

The six (6) monitor/recovery wells (MW-11, MW-5, MW-7, MW-19, MW-25, and RW-3) were sampled for concentrations of BTEX using Method EPA 8021B, Total Organic Carbon using Method EPA 415.1, Dissolved Methane Gas using RSK-175, Dissolved Ethane Gas using RSK-175, Dissolved Ethene Gas using RSK-175, Dissolved Iron (filtered) using Method EPA 6010B, Dissolved Manganese (filtered) using Method EPA 6010B, Anion Nitrate and Sulfate by Method EPA 300.0, and Chemical Oxygen Demand by 8000.

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

For the 1st quarter the analytical results for concentrations of benzene ranged from less than the applicable laboratory RL for monitor wells MW-11, MW-25, and recovery well RW-3 to 0.327 mg/L for monitor well MW-7.

For the 2nd quarter the analytical results for concentrations of benzene ranged from less than the applicable laboratory RL for monitor wells MW-11 MW-25, and recovery well RW-3 to 0.257 mg/L for monitor well MW-7.

For the 3rd quarter the analytical results for concentrations of benzene ranged from less than the applicable laboratory RL for monitor wells MW-11 and MW-25 to 0.824 mg/L for monitor well MW-7.

For the 4th quarter the analytical results for concentrations of benzene ranged from less than the applicable laboratory RL for monitor wells MW-11 MW-25, and recovery well RW-3 to 0.116 mg/L for monitor well MW-19.

Please reference Table 7 for GSI-MKT benzene results. Analytical benzene data for up to the previous ten (10) years was entered into the GSI Mann-Kendall Toolkit (GSI-MKT) for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3. The GSI-MKT indicated the Concentration Trends for MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3 were as follows “No Trend”, “Decreasing”, “No Trend”, “Decreasing”, “Stable”, and “Decreasing.”

For the 1st quarter the analytical results for concentrations of toluene were less than the applicable laboratory RL for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3.

For the 2nd quarter the analytical results for concentrations of toluene ranged from less than the applicable laboratory RL for monitor wells MW-11, MW-7, MW-25, and recovery well RW-3 to 0.00227 mg/L for monitor well MW-19.

For the 3rd quarter the analytical results for concentrations of toluene ranged from less than the applicable laboratory RL for monitor wells MW-11, MW-7, MW-25, and recovery well RW-3 to 0.00137 mg/L for monitor well MW-5.

For the 4th quarter the analytical results for concentrations of toluene were less than the applicable laboratory RL for monitor well MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3.

Please reference Table 8 for GSI-MKT toluene results. Analytical toluene data for up to the previous ten (10) years was entered into the GSI Mann-Kendall Toolkit (GSI-MKT) for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3. The GSI-MKT indicated the Concentration Trends for MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3 were as follows “No Trend”, “Probably Decreasing”, “Probably Decreasing”, “Decreasing”, “No Trend”, and “Decreasing”.

For the 1st quarter the analytical results for concentrations of ethylbenzene ranged from less than the applicable laboratory RL for monitor wells MW-11, MW-25, and recovery well RW-3 to 0.0390 mg/L for monitor well MW-7.

For the 2nd quarter the analytical results for concentrations of ethylbenzene ranged from less than the applicable laboratory RL for monitor wells MW-11, MW-25, and recovery well RW-3 to 0.00579 mg/L for monitor well MW-7.

For the 3rd quarter the analytical results for concentrations of ethylbenzene ranged from less than the applicable laboratory RL for monitor wells MW-11, MW-5, MW-25, and recovery well RW-3 to 0.0148 mg/L for monitor well MW-7.

For the 4th quarter the analytical results for concentrations of ethylbenzene ranged from less than the applicable laboratory RL for monitor wells MW-11, MW-5, MW-25, and recovery well RW-3 to 0.00357 mg/L for monitor well MW-19.

Please reference Table 9 for GSI-MKT ethylbenzene results. Analytical ethylbenzene data up to for the previous ten (10) years was entered into the GSI Mann-Kendall Toolkit (GSI-MKT) for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3. The GSI-MKT indicated the Concentration Trends for MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3 were as follows “Stable”, “Decreasing”, “Probably Decreasing”, “Decreasing”, “Probably Decreasing”, and “Decreasing”.

For the 1st quarter the analytical results for concentrations of xylene ranged from less than the applicable laboratory RL for monitor wells MW-11, MW-25, and recovery well RW-3 to 0.01683 mg/L for monitor well MW-7.

For the 2nd quarter the analytical results for concentrations of xylene ranged from less than the applicable laboratory RL for monitor wells MW-11, MW-5, MW-19, MW-25, and recovery well RW-3 to 0.00260 mg/L for monitor well MW-7.

For the 3rd quarter the analytical results for concentrations of xylene ranged from less than the applicable laboratory RL for monitor wells MW-11, MW-5, MW-19, MW-25, and recovery well RW-3 to 0.00575 mg/L for monitor well MW-7.

For the 4th quarter the analytical results for concentrations of xylene ranged from less than the applicable laboratory RL for monitor wells MW-11, MW-5, MW-7, MW-25, and recovery well RW-3 to 0.00562 mg/L for monitor well MW-19.

Please reference Table 10 for GSI-MKT xylene results. Analytical xylene data for up to the previous ten (10) years was entered into the GSI Mann-Kendall Toolkit (GSI-MKT) for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3. The GSI-MKT indicated the Concentration Trends for MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3 were as follows “No Trend”, “Decreasing”, “Decreasing”, “No Trend”, “No Trend”, and “Decreasing”.

For the 1st quarter the analytical results for concentrations of TOC ranged from 6.77 mg/L for monitor well MW-11 to 213 mg/L for monitor well MW-19.

For the 2nd quarter the analytical results for concentrations of TOC ranged from below the applicable laboratory RL for monitor well MW-11 to 198 mg/L for monitor well MW-19.

For the 3rd quarter the analytical results for concentrations of TOC ranged from 6.87 mg/L for monitor well MW-11 to 146 mg/L for monitor well MW-19.

For the 4th quarter the analytical results for concentrations of TOC ranged from below the applicable laboratory RL for monitor well MW-11 to 167 mg/L for monitor well MW-19.

Please reference Table 11 for GSI-MKT TOC results. Analytical TOC data for the previous nine (9) quarters was entered into the GSI Mann-Kendall Toolkit (GSI-MKT) for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3. The GSI-MKT indicated the Concentration Trends for MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3 were as follows “Stable”, “No Trend”, “No Trend”, “Stable”, “No Trend”, and “Stable”.

For the 1st quarter the analytical results for concentrations of Dissolved Methane ranged from 0.00137 mg/L for monitor well MW-11 to 2.85 mg/L for monitor well MW-19.

For the 2nd quarter the analytical results for concentrations of Dissolved Methane ranged from 0.000982 mg/L for monitor well MW-11 to 3.60 mg/L for monitor well MW-19.

For the 3rd quarter the analytical results for concentrations of Dissolved Methane were less than the applicable laboratory RL for monitor wells MW-11, MW-5, MW-7, MW-19, MW-15, and recovery well RW-3.

For the 4th quarter the analytical results for concentrations of Dissolved Methane ranged from 0.00339 mg/L for monitor well MW-11 to 2.22 mg/L for monitor well MW-19.

Please reference Table 12 for GSI-MKT Dissolved Methane results. Analytical Methane data for the previous nine (9) quarters was entered into the GSI Mann-Kendall Toolkit (GSI-MKT) for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3. The GSI-MKT indicated the Concentration Trends for MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3 were as follows “Stable”, “Decreasing”, “Stable”, “Stable”, “No Trend”, and “Probably Decreasing”.

For the 1st quarter the analytical results for concentrations of Dissolved Ethane ranged from less than the applicable laboratory RL for monitor wells MW-11, MW-7, MW-19, MW-25 and recovery well RW-3 to 0.00122 mg/L for monitor well MW-5.

For the 2nd quarter the analytical results for concentrations of Dissolved Ethane were less than the applicable laboratory RL for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3.

For the 3rd quarter the analytical results for concentrations of Dissolved Ethane were less than the applicable laboratory RL for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3.

For the 4th quarter the analytical results for concentrations of Dissolved Ethane ranged from less than the applicable laboratory RL for monitor wells MW-5, MW-19, MW-25, and recovery well RW-3 to 0.00301 mg/L for monitor well MW-11.

Please reference Table 13 for GSI-MKT Dissolved Ethane results. Analytical Dissolved Ethane data for the previous nine (9) quarters was entered into the GSI Mann-Kendall Toolkit (GSI-MKT) for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3. The GSI-MKT indicated the Concentration Trends for MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3 were as follows “No Trend”, “Stable”, “Stable”, “Decreasing”, “No Trend”, and “Stable”.

For the 1st quarter the analytical results for concentrations of Dissolved Ethene were less than the applicable laboratory RL for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3.

For the 2nd quarter the analytical results for concentrations of Dissolved Ethene were less than the applicable laboratory RL for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3.

For the 3rd quarter the analytical results for concentrations of Dissolved Ethene were less than the applicable laboratory RL for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3.

For the 4th quarter the analytical results for concentrations of Dissolved Ethene ranged from less than the applicable laboratory RL for monitor wells MW-11, MW-7, MW-19, and MW-25 to 0.00225 mg/L for monitor well MW-5.

Please reference Table 14 for GSI-MKT Dissolved Ethene results. Analytical Dissolved Ethene data for the previous nine (9) quarters was entered into the GSI Mann-Kendall Toolkit (GSI-MKT) for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3. The GSI-MKT indicated the Concentration Trends for MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3 were as follows “Stable”, “No Trend”, “No Trend”, “Probably Decreasing”, “Stable”, and “No Trend”.

For the 1st quarter the analytical results for concentrations of Dissolved Iron (filtered) ranged from less than the applicable laboratory RL for monitor wells MW-11, MW-5, MW-7, MW-19, and MW-25 to 0.247 mg/L for recovery well RW-3.

For the 2nd quarter the analytical results for concentrations of Dissolved Iron (filtered) ranged from less than the applicable laboratory RL for monitor wells MW-11, MW-5, MW-7, MW-19, and MW-25 to 0.326 mg/L for recovery well RW-3.

For the 3rd quarter the analytical results for concentrations of Dissolved Iron (filtered) ranged from less than the applicable laboratory RL for monitor wells MW-11, MW-7, MW-19, and MW-25 to 1.78 mg/L for recovery well RW-3.

For the 4th quarter the analytical results for concentrations of Dissolved Iron (filtered) were less than the applicable laboratory RL for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3.

Please reference Table 15 for GSI-MKT Dissolved Iron (filtered) results. Analytical Dissolved Iron data for the previous nine (9) quarters was entered into the GSI Mann-Kendall Toolkit (GSI-MKT) for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3. The GSI-MKT indicated the Concentration Trends for MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3 were as follows “Increasing”, “Increasing”, “Increasing”, “Increasing”, “Increasing”, and “No Trend”.

For the 1st quarter the analytical results for concentrations of Dissolved Manganese (filtered) ranged from 0.00693 mg/L for monitor well MW-5 to 0.0484 mg/L for monitor well MW-25.

For the 2nd quarter the analytical results for concentrations of Dissolved Manganese (filtered) ranged from below the applicable laboratory RL for monitor well MW-5 to 0.0454 mg/L for monitor well MW-25.

For the 3rd quarter the analytical results for concentrations of Dissolved Manganese (filtered) ranged from 0.00774 mg/L for monitor well MW-7 to 0.0501 mg/L for recovery well RW-3.

For the 4th quarter the analytical results for concentrations of Dissolved Manganese (filtered) ranged from 0.00616 mg/L for monitor well MW-5 to 0.0556 mg/L for monitor well MW-25.

Please reference Table 16 for GSI-MKT Dissolved Manganese (filtered) results. Analytical Dissolved Manganese data for the previous nine (9) quarters was entered into the GSI Mann-Kendall Toolkit (GSI-MKT) for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3. The GSI-MKT indicated the Concentration Trends for MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3 were as follows “No Trend”, “No Trend”, “No Trend”, “No Trend”, “No Trend”, and “No Trend”.

For the 1st quarter the analytical results for concentrations of Nitrate were less than the applicable laboratory RL for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3.

For the 2nd quarter the analytical results for concentrations of Nitrate were less than the applicable laboratory RL for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3.

For the 3rd quarter the analytical results for concentrations of Nitrate ranged from less than the applicable laboratory RL for monitor well MW-25 to 0.221 for recovery well RW-3.

For the 4th quarter the analytical results for concentrations of Nitrate were less than the applicable laboratory RL for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3.

Please reference Table 17 for GSI-MKT Nitrate results. Analytical Nitrate data for the previous nine (9) quarters was entered into the GSI Mann-Kendall Toolkit (GSI-MKT) for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3. The GSI-MKT indicated the Concentration Trends for MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3 were as follows “No Trend”, “No Trend”, “No Trend”, “No Trend”, “Stable”, and “No Trend”.

For the 1st quarter the analytical results for concentrations of Sulfate ranged from 815 mg/L monitor well MW-19 to 2,320 mg/L for monitor well MW-5.

For the 2nd quarter the analytical results for concentrations of Sulfate ranged from 1,150 mg/L monitor well MW-19 to 3,260 mg/L for recovery well RW-3.

For the 3rd quarter the analytical results for concentrations of Sulfate ranged from 1,080 mg/L monitor well MW-19 to 2,420 mg/L for recovery well RW-3.

For the 4th quarter the analytical results for concentrations of Sulfate ranged from 1,200 mg/L monitor well MW-19 to 2,860 mg/L for recovery well RW-3.

Please reference Table 18 for GSI-MKT Sulfate results. Analytical Sulfate data for the previous nine (9) quarters was entered into the GSI Mann-Kendall Toolkit (GSI-MKT) for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3. The GSI-MKT indicated the Concentration Trends for MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3 were as follows “No Trend”, “Probably Decreasing”, “No Trend”, “Increasing”, “No Trend”, and “No Trend”.

For the 1st quarter the analytical results for concentrations of COD ranged from 42.0 mg/L for monitor well MW-11 to 740 mg/L for monitor well MW-19.

For the 2nd quarter the analytical results for concentrations of COD ranged from 34.0 mg/L for monitor well MW-11 to 637 mg/L for monitor well MW-19.

For the 3rd quarter the analytical results for concentrations of COD ranged from 48.0 mg/L for recovery well RW-3 to 227 mg/L for monitor well MW-25. However, monitor well MW-5 COD was not run do to human error.

For the 4th quarter the analytical results for concentrations of COD ranged from 36.0 mg/L for monitor well MW-11 to 406 mg/L for monitor well MW-19.

Please reference Table 19 for GSI-MKT COD results. Analytical COD data for the previous nine (9) quarters was entered into the GSI Mann-Kendall Toolkit (GSI-MKT) for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3. The GSI-MKT indicated the Concentration Trends for MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3 were as follows “No Trend”, “Probably Increasing”, “Stable”, “Probably Decreasing”, “No Trend”, and “Stable”.

SUMMARY

This report summarizes the results of monitoring activities for the 2023 annual monitoring period. Currently, there are twenty-five (25) groundwater monitor wells (MW-1 through MW-8, and MW-10 through MW-21, MW-23, and MW-25 through MW-28) and five (5) recovery wells (RW-1 and RW-3 through RW-6) on-site. A pneumatic product recovery system formerly operated on-site, which incorporated recovery well RW-6 and monitor wells MW-8, MW-14, and MW-15. The automated recovery system was decommissioned in the summer of 2007 due to declining PSH thickness. Currently, manual PSH recovery is performed on a monthly basis for monitor and recovery wells exhibiting PSH.

A measurable thickness of PSH was recorded in four (4) monitor wells (MW-4, MW-6, MW-8, and MW-19) and one (1) recover well (RW-5) during at least one (1) quarter of the reporting period.

The average thickness of PSH in monitor wells exhibiting PSH was 0.28 feet. The maximum thickness of PSH in monitor wells during the 2023 reporting period was 1.22 feet in monitor well MW-6 on June 30, 2023. Groundwater elevation data for the 2023 gauging events can be found in Table 1. Approximately 7.40 gallons (0.176 barrels) of PSH were recovered from the Site during the reporting period. Approximately 2,795.53 gallons (approximately 66.556 barrels) of PSH has been recovered since project inception.

The most recent Inferred Groundwater Gradient Map, Figure 2D, indicated a general gradient of approximately 0.0032 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 and 4th quarters indicated the inferred groundwater gradient ranged from 0.0022 feet/foot during the 1st quarter to 0.0037 feet/foot during the 2nd quarter. The corrected groundwater elevations ranged from 3,487.77 to 3,490.33 feet, in monitor well MW-21 on August 16, 2023, and in monitor well MW-11 on May 11, 2023, respectively.

Review of laboratory analytical results of the groundwater samples obtained during the 2023 monitoring period indicated BTEX constituent concentrations were below applicable the NMOCD regulatory guidelines for at least one (1) quarter in twenty-one (21) of the thirty (30) monitor/recovery wells currently on-site. Dissolved phase hydrocarbon impact appears to be limited to monitor wells MW-4, MW-6, MW-7, MW-14, MW-15 and recovery wells RW-3 through RW-6. PSH appears to be limited to monitor wells MW-6 and MW-8 and sporadic observations in monitor wells MW-4, MW-15 MW-19, and recovery well RW-5.

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 2024. 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, 2025.

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

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

LIMITATIONS

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

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

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

DISTRIBUTION

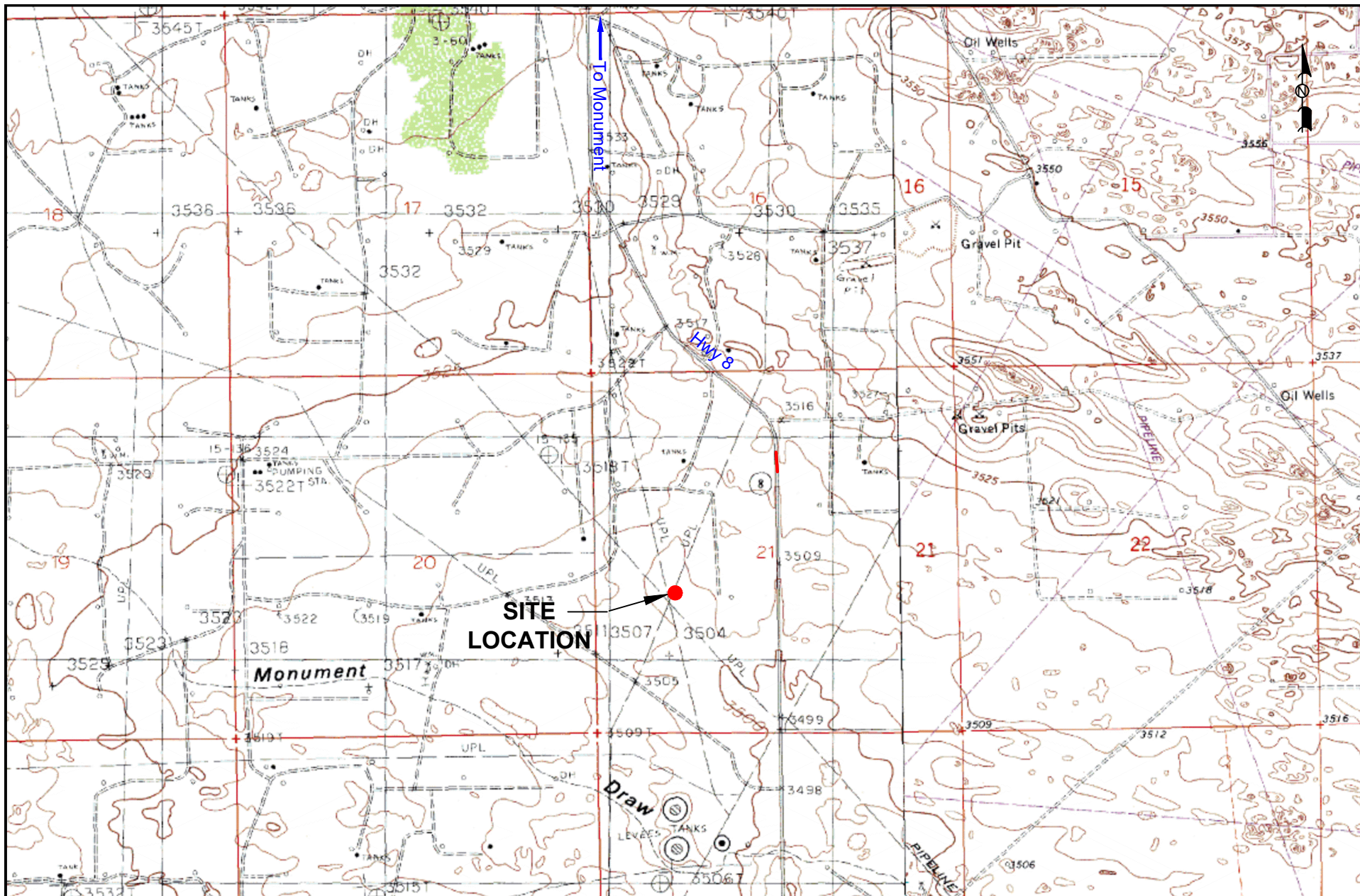
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FIGURES



LEGEND:

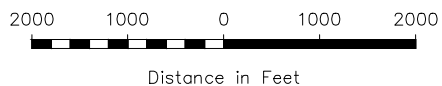


Figure 1
Site Location Map
Plains Marketing, L.P.
TNM 97-17
NMOCD Reference # AP-17-0
Lea County, NM

Scale: 1" = 2000'

CAD By: TA Checked By: CS

Draft: February 29, 2016

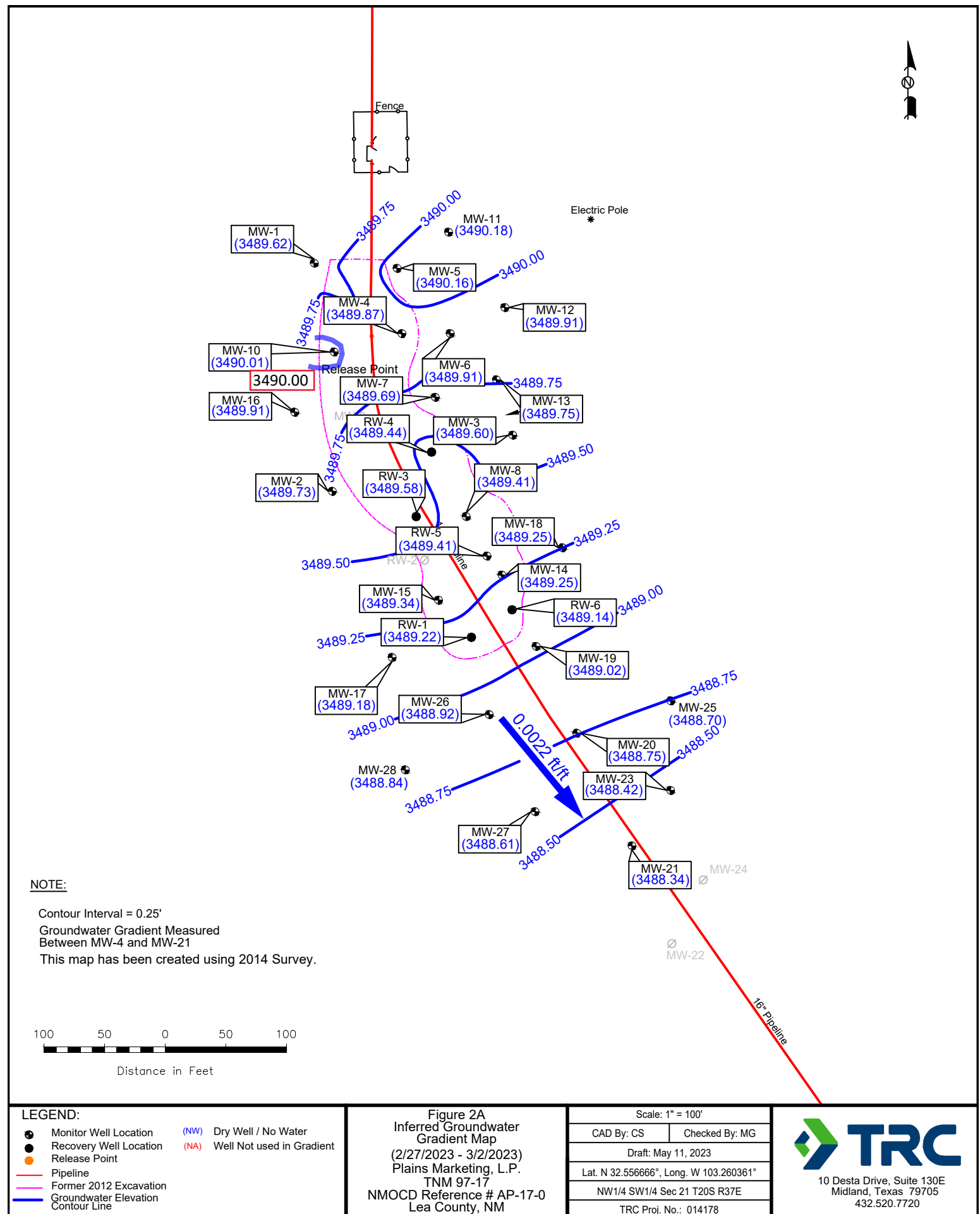
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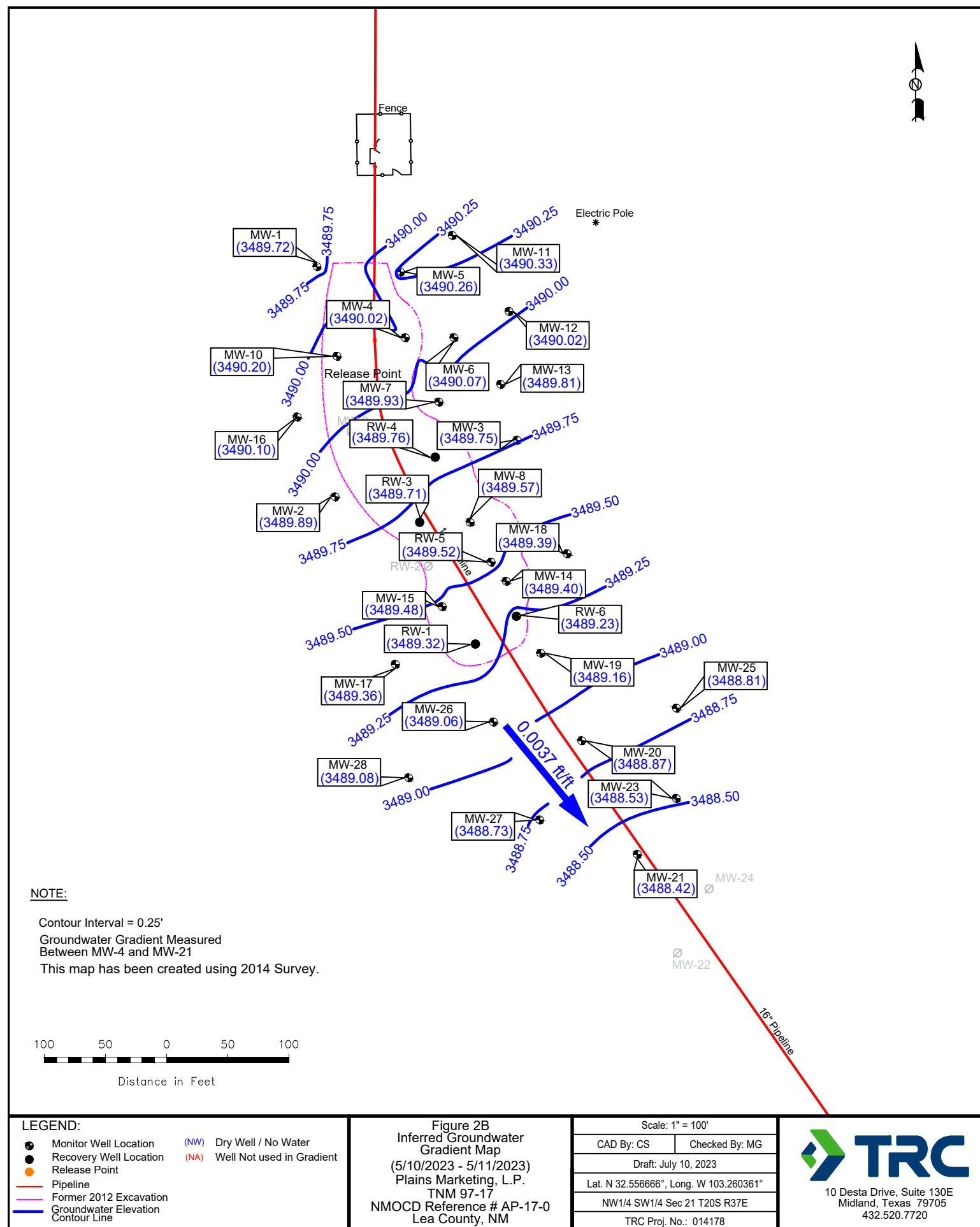
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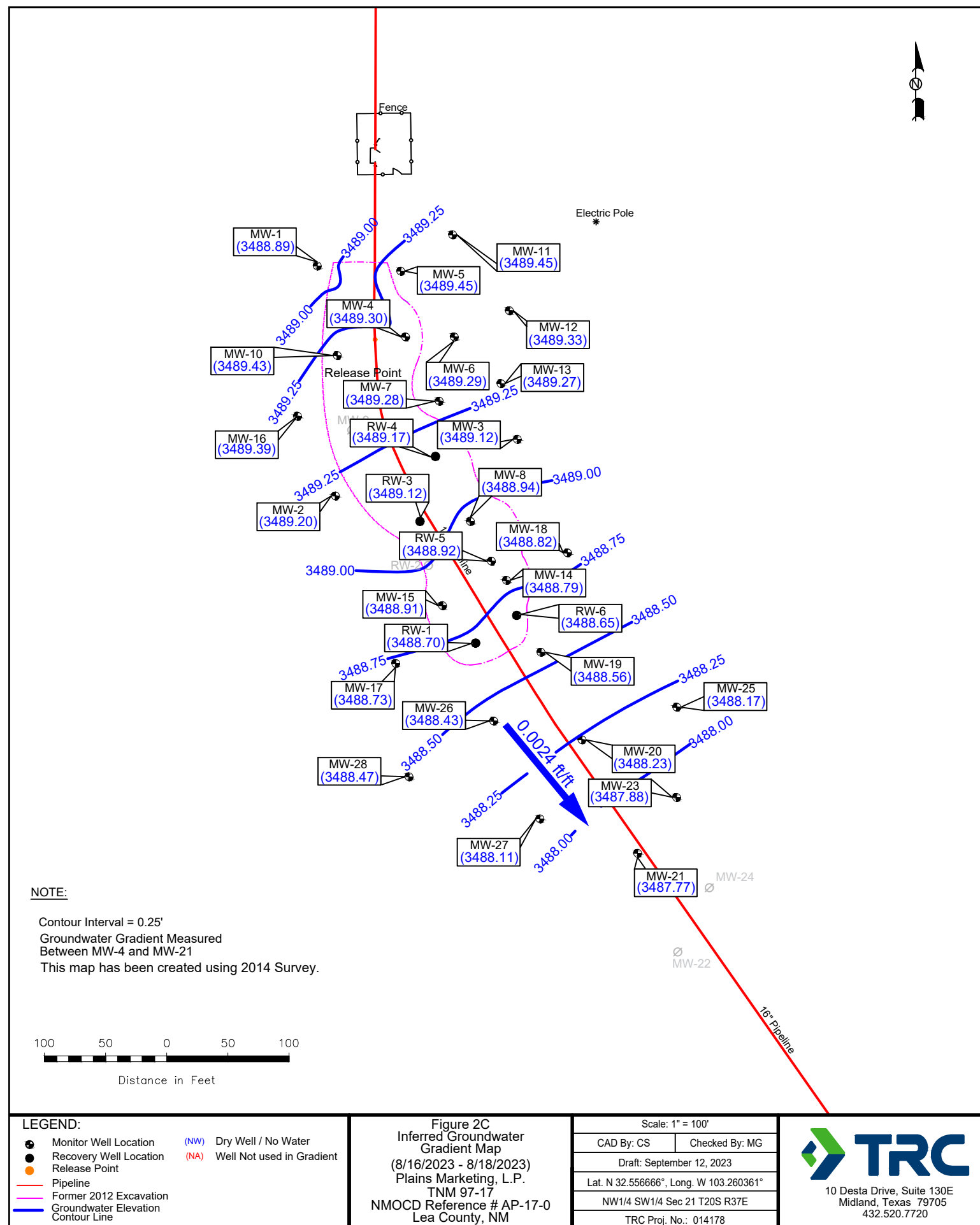
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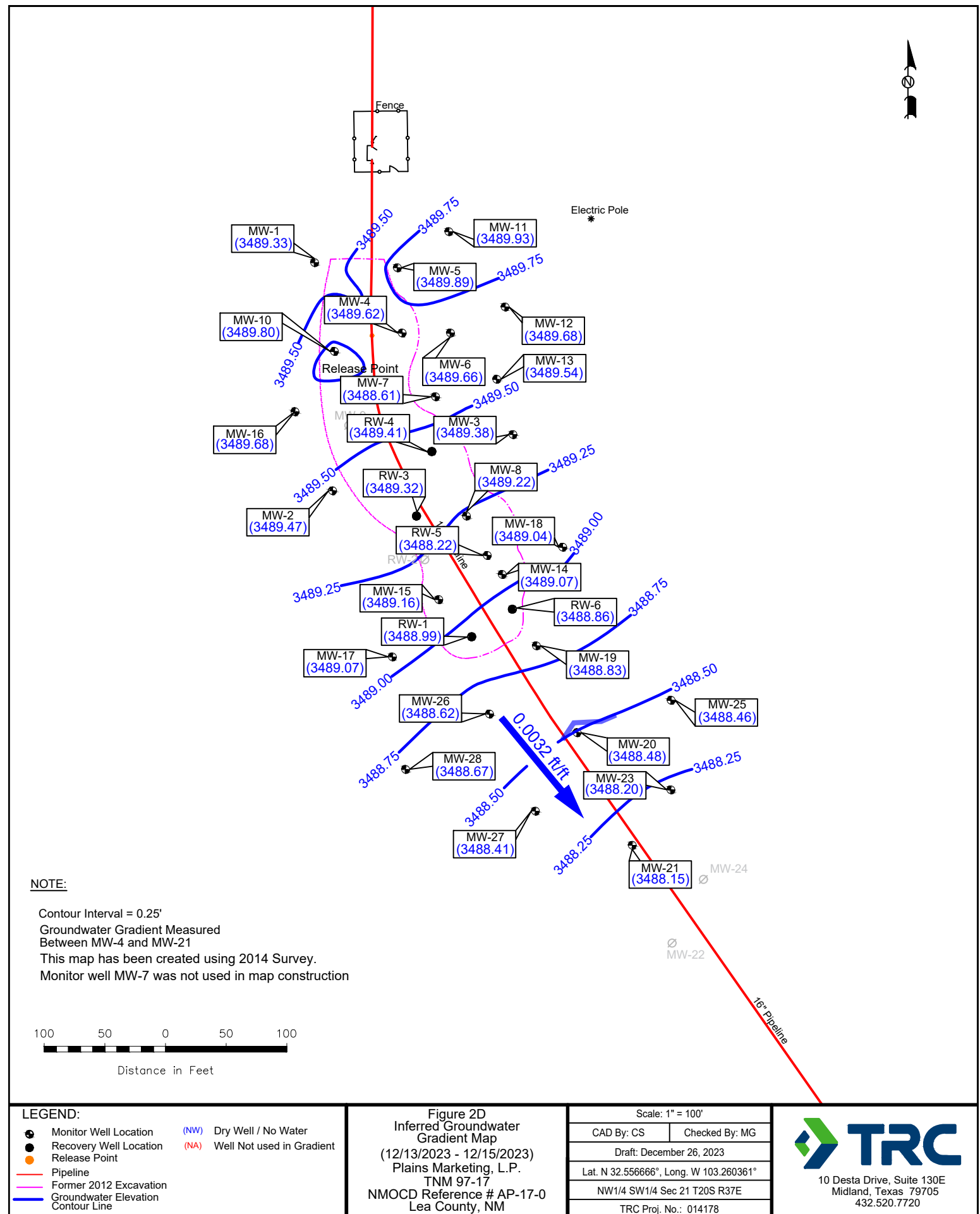


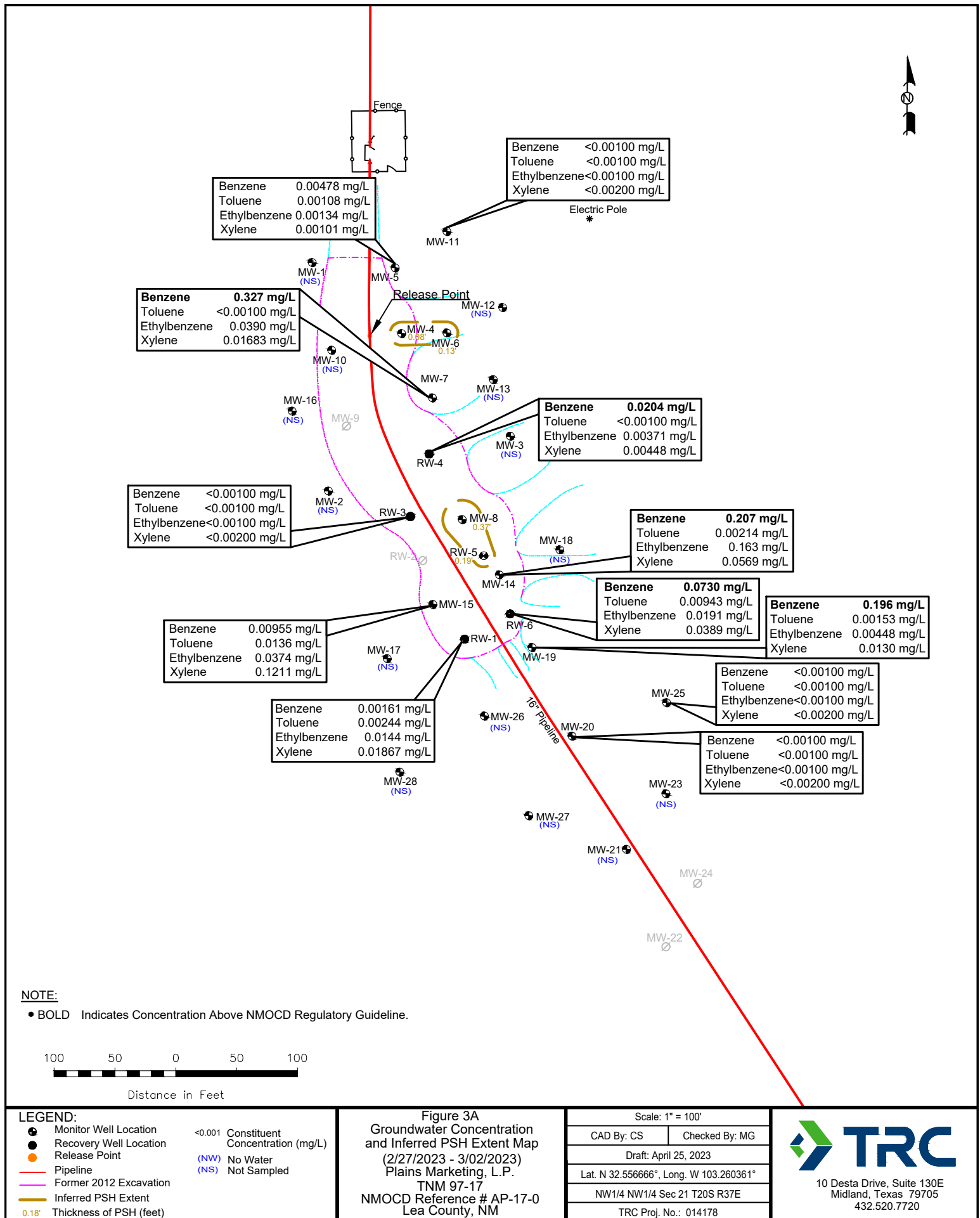
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Midland, Texas 79705
432.520.7720

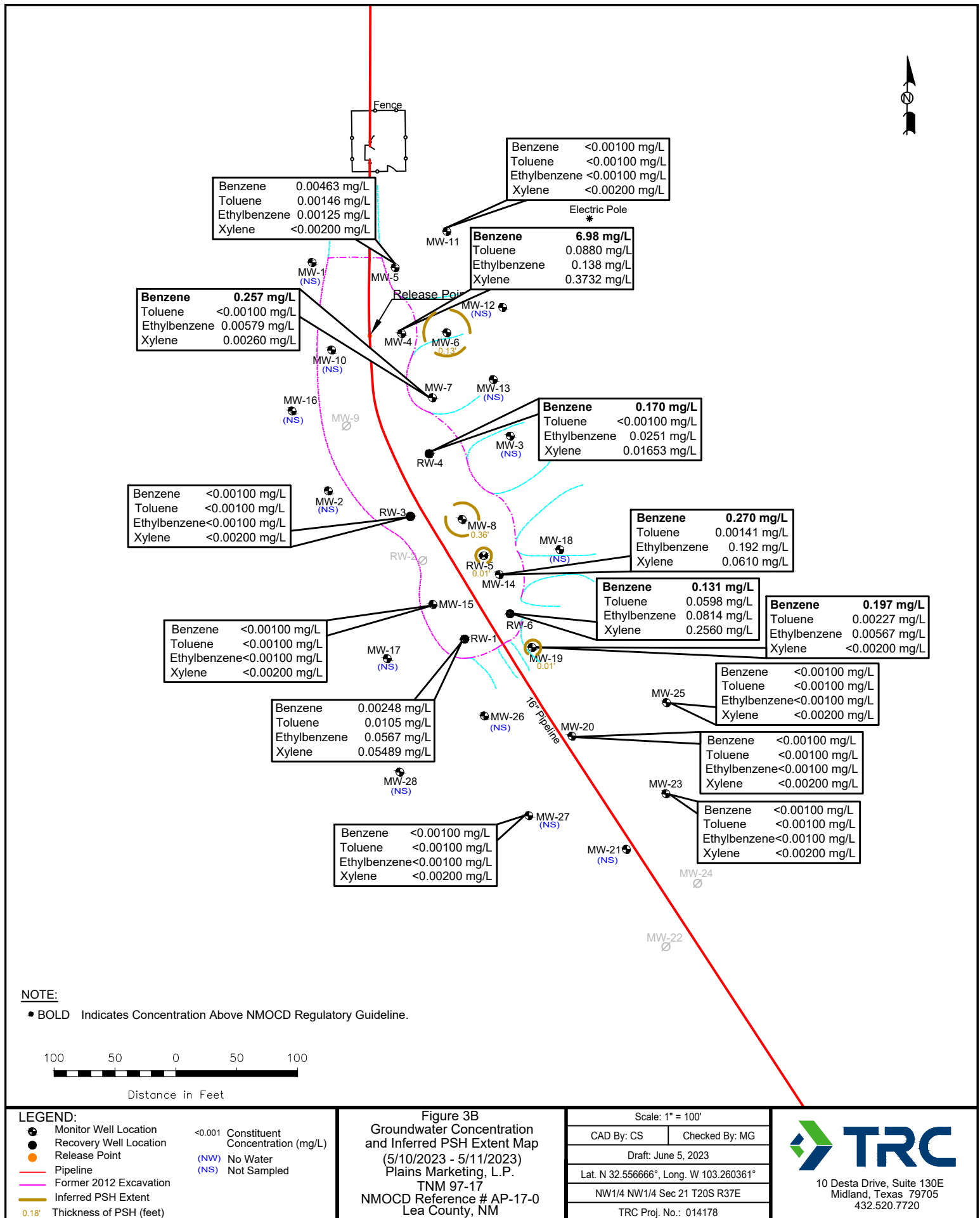


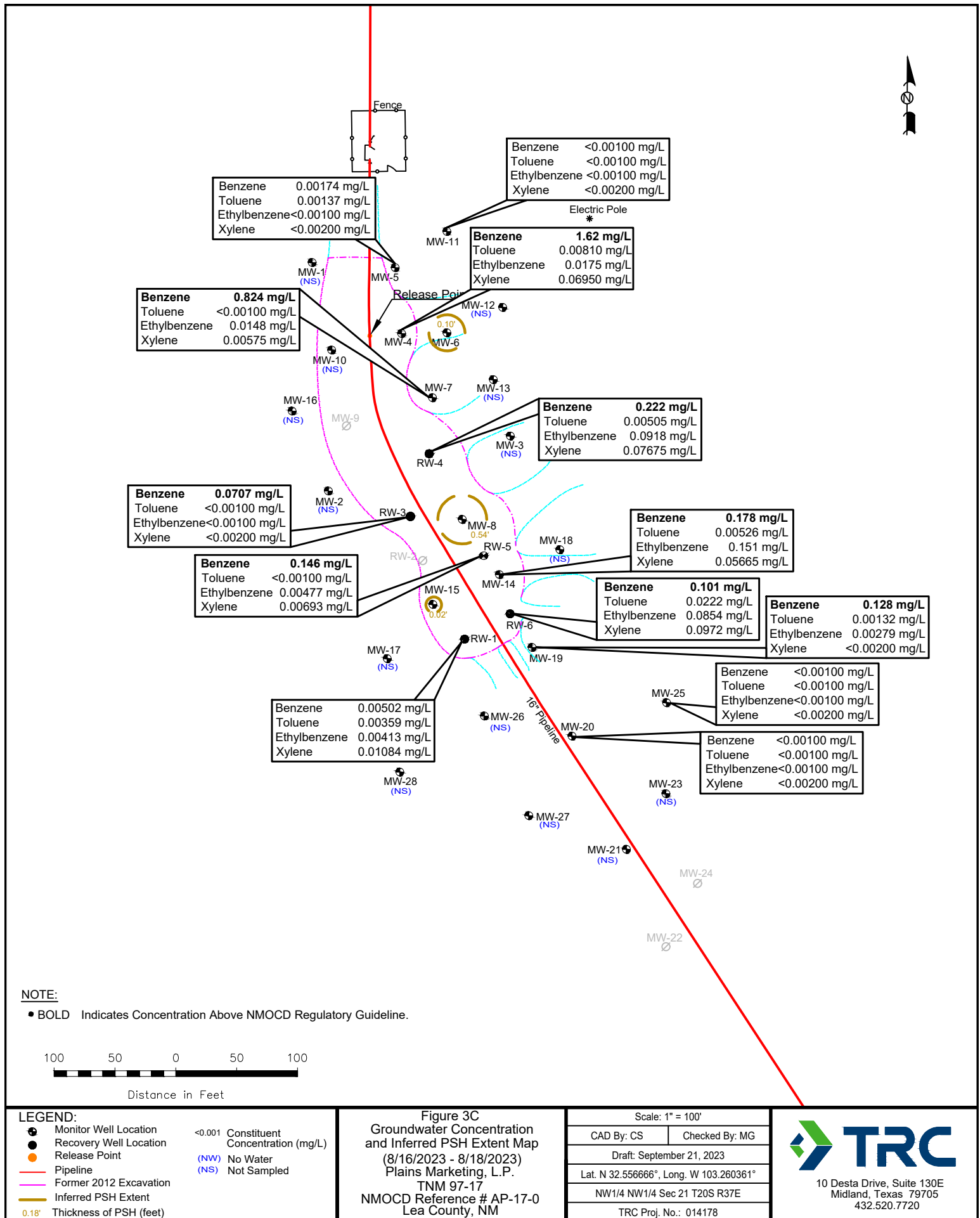


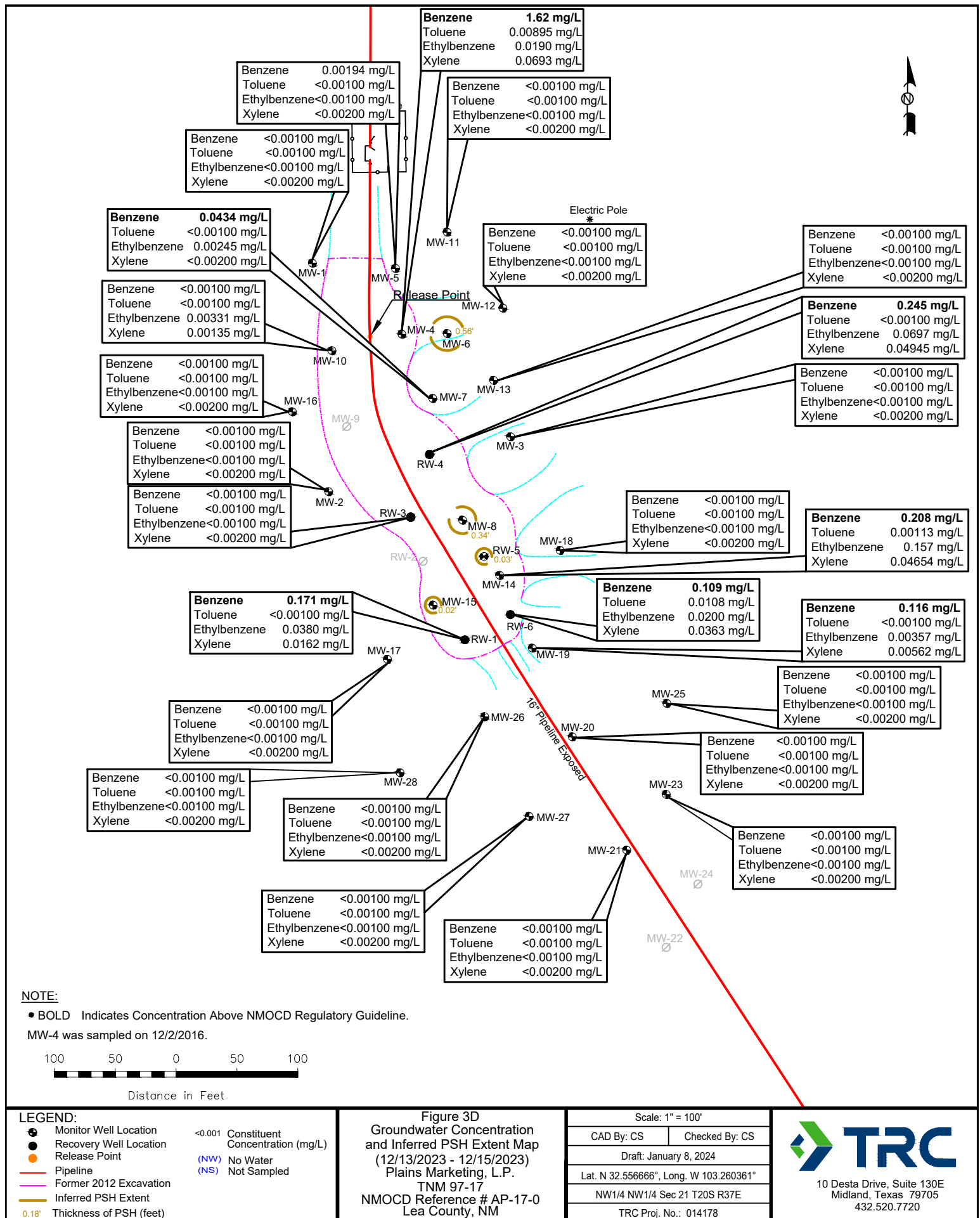












TABLES

TABLE 1
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	02/27/23	3511.93	-	22.31	0.00	3489.62
MW - 1	05/10/23	3511.93	-	22.21	0.00	3489.72
MW - 1	08/16/23	3511.93	-	23.04	0.00	3488.89
MW - 1	12/13/23	3511.93	-	22.60	0.00	3489.33
MW - 2	02/27/23	3510.19	-	20.46	0.00	3489.73
MW - 2	05/10/23	3510.19	-	20.30	0.00	3489.89
MW - 2	08/16/23	3510.19	-	20.99	0.00	3489.20
MW - 2	12/15/23	3510.19	-	20.72	0.00	3489.47
MW - 3	02/27/23	3509.87	-	20.27	0.00	3489.60
MW - 3	05/10/23	3509.87	-	20.12	0.00	3489.75
MW - 3	08/16/23	3509.87	-	20.75	0.00	3489.12
MW - 3	12/15/23	3509.87	-	20.49	0.00	3489.38
MW - 4	02/28/23	3513.35	23.47	23.55	0.08	3489.87
MW - 4	04/13/23	3513.35	-	23.38	0.00	3489.97
MW - 4	05/11/23	3513.35	-	23.33	0.00	3490.02
MW - 4	08/18/23	3513.35	-	24.05	0.00	3489.30
MW - 4	12/14/23	3513.35	-	23.73	0.00	3489.62
MW - 5	02/28/23	3513.99	-	23.83	0.00	3490.16
MW - 5	05/11/23	3513.99	-	23.73	0.00	3490.26
MW - 5	08/17/23	3513.99	-	24.54	0.00	3489.45
MW - 5	12/14/23	3513.99	-	24.10	0.00	3489.89
MW - 6	01/17/23	3512.05	22.22	22.95	0.73	3489.72
MW - 6	02/08/23	3512.05	22.18	22.50	0.32	3489.82
MW - 6	02/28/23	3512.05	22.12	22.25	0.13	3489.91
MW - 6	03/27/23	3512.05	22.07	22.30	0.23	3489.95
MW - 6	04/13/23	3512.05	21.91	22.20	0.29	3490.10
MW - 6	05/11/23	3512.05	21.97	22.07	0.10	3490.07
MW - 6	05/25/23	3512.05	22.02	22.45	0.43	3489.97
MW - 6	06/30/23	3512.05	22.08	23.30	1.22	3489.79
MW - 6	07/26/23	3512.05	22.42	22.95	0.53	3489.55
MW - 6	08/10/23	3512.05	22.68	22.88	0.20	3489.34
MW - 6	08/16/23	3512.05	22.75	22.85	0.10	3489.29
MW - 6	11/06/23	3512.05	22.42	22.98	0.56	3489.55
MW - 6	12/14/23	3512.05	22.31	22.87	0.56	3489.66
MW - 7	01/17/23	3511.57	-	21.88	0.00	3489.69
MW - 7	02/08/23	3511.57	-	21.90	0.00	3489.67
MW - 7	02/28/23	3511.57	-	21.88	0.00	3489.69
MW - 7	04/13/23	3511.57	-	21.70	0.00	3489.87
MW - 7	05/11/23	3511.57	-	21.64	0.00	3489.93
MW - 7	08/17/23	3511.57	-	22.29	0.00	3489.28
MW - 7	12/14/23	3511.57	-	22.96	0.00	3488.61
MW - 8	02/28/23	3511.82	22.35	22.72	0.37	3489.41
MW - 8	05/11/23	3511.82	22.20	22.56	0.36	3489.57
MW - 8	08/16/23	3511.82	22.80	23.34	0.54	3488.94

TABLE 1
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 - 8	12/14/23	3511.82	22.55	22.89	0.34	3489.22
MW - 10	02/27/23	3513.79	-	23.78	0.00	3490.01
MW - 10	05/10/23	3513.79	-	23.59	0.00	3490.20
MW - 10	08/16/23	3513.79	-	24.36	0.00	3489.43
MW - 10	12/13/23	3513.79	-	23.99	0.00	3489.80
MW - 11	02/28/23	3512.89	-	22.71	0.00	3490.18
MW - 11	05/11/23	3512.89	-	22.56	0.00	3490.33
MW - 11	08/17/23	3512.89	-	23.44	0.00	3489.45
MW - 11	12/14/23	3512.89	-	22.96	0.00	3489.93
MW - 12	02/27/23	3509.69	-	19.78	0.00	3489.91
MW - 12	05/10/23	3509.69	-	19.67	0.00	3490.02
MW - 12	08/16/23	3509.69	-	20.36	0.00	3489.33
MW - 12	12/13/23	3509.69	-	20.01	0.00	3489.68
MW - 13	02/27/23	3509.57	-	19.82	0.00	3489.75
MW - 13	05/10/23	3509.57	-	19.76	0.00	3489.81
MW - 13	08/16/23	3509.57	-	20.30	0.00	3489.27
MW - 13	12/13/23	3509.57	-	20.03	0.00	3489.54
MW - 14	03/01/23	3511.85	-	22.60	0.00	3489.25
MW - 14	04/13/23	3511.85	-	22.48	0.00	3489.37
MW - 14	05/11/23	3511.85	-	22.45	0.00	3489.40
MW - 14	08/17/23	3511.85	-	23.06	0.00	3488.79
MW - 14	12/14/23	3511.85	-	22.78	0.00	3489.07
MW - 15	03/01/23	3511.77	-	22.43	0.00	3489.34
MW - 15	05/11/23	3511.77	-	22.29	0.00	3489.48
MW - 15	08/17/23	3511.77	22.86	22.88	0.02	3488.91
MW - 15	12/14/23	3511.77	22.61	22.63	0.02	3489.16
MW - 16	02/27/23	3510.44	-	20.53	0.00	3489.91
MW - 16	05/10/23	3510.44	-	20.34	0.00	3490.10
MW - 16	08/16/23	3510.44	-	21.05	0.00	3489.39
MW - 16	12/13/23	3510.44	-	20.76	0.00	3489.68
MW - 17	02/27/23	3509.33	-	20.15	0.00	3489.18
MW - 17	05/10/23	3509.33	-	19.97	0.00	3489.36
MW - 17	08/16/23	3509.33	-	20.60	0.00	3488.73
MW - 17	12/15/23	3509.33	-	20.26	0.00	3489.07
MW - 18	02/27/23	3510.17	-	20.92	0.00	3489.25
MW - 18	05/10/23	3510.17	-	20.78	0.00	3489.39
MW - 18	08/16/23	3510.17	-	21.35	0.00	3488.82
MW - 18	12/15/23	3510.17	-	21.13	0.00	3489.04
MW - 19	01/17/23	3511.96	23.00	23.10	0.10	3488.95
MW - 19	02/28/23	3511.96	-	22.94	0.00	3489.02
MW - 19	04/13/23	3511.96	-	22.83	0.00	3489.13
MW - 19	05/11/23	3511.96	22.80	22.81	0.01	3489.16
MW - 19	08/17/23	3511.96	-	23.40	0.00	3488.56
MW - 19	12/14/23	3511.96	-	23.13	0.00	3488.83

TABLE 1
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 - 20	03/01/23	3509.47	-	20.72	0.00	3488.75
MW - 20	05/10/23	3509.47	-	20.60	0.00	3488.87
MW - 20	08/17/23	3509.47	-	21.24	0.00	3488.23
MW - 20	12/15/23	3509.47	-	20.99	0.00	3488.48
MW - 21	02/27/23	3508.05	-	19.71	0.00	3488.34
MW - 21	05/10/23	3508.05	-	19.63	0.00	3488.42
MW - 21	08/16/23	3508.05	-	20.28	0.00	3487.77
MW - 21	12/13/23	3508.05	-	19.90	0.00	3488.15
MW - 23	02/27/23	3510.83	-	22.41	0.00	3488.42
MW - 23	05/10/23	3510.83	-	22.30	0.00	3488.53
MW - 23	08/16/23	3510.83	-	22.95	0.00	3487.88
MW - 23	12/15/23	3510.83	-	22.63	0.00	3488.20
MW - 25	02/28/23	3510.71	-	22.01	0.00	3488.70
MW - 25	05/11/23	3510.71	-	21.90	0.00	3488.81
MW - 25	08/17/23	3510.71	-	22.54	0.00	3488.17
MW - 25	12/14/23	3510.71	-	22.25	0.00	3488.46
MW - 26	02/27/23	3508.57	-	19.65	0.00	3488.92
MW - 26	05/10/23	3508.57	-	19.51	0.00	3489.06
MW - 26	08/16/23	3508.57	-	20.14	0.00	3488.43
MW - 26	12/13/23	3508.57	-	19.95	0.00	3488.62
MW - 27	02/27/23	3508.73	-	20.12	0.00	3488.61
MW - 27	05/10/23	3508.73	-	20.00	0.00	3488.73
MW - 27	08/16/23	3508.73	-	20.62	0.00	3488.11
MW - 27	12/15/23	3508.73	-	20.32	0.00	3488.41
MW - 28	02/27/23	3509.44	-	20.60	0.00	3488.84
MW - 28	05/10/23	3509.44	-	20.36	0.00	3489.08
MW - 28	08/16/23	3509.44	-	20.97	0.00	3488.47
MW - 28	12/15/23	3509.44	-	20.77	0.00	3488.67
RW - 1	03/01/23	3512.54	-	23.32	0.00	3489.22
RW - 1	05/10/23	3512.54	-	23.22	0.00	3489.32
RW - 1	08/17/23	3512.54	-	23.84	0.00	3488.70
RW - 1	12/15/23	3512.54	-	23.55	0.00	3488.99
RW - 3	02/28/23	3512.17	-	22.59	0.00	3489.58
RW - 3	05/11/23	3512.17	-	22.46	0.00	3489.71
RW - 3	08/17/23	3512.17	-	23.05	0.00	3489.12
RW - 3	12/14/23	3512.17	-	22.85	0.00	3489.32
RW - 4	03/01/23	3512.62	-	23.18	0.00	3489.44
RW - 4	04/13/23	3512.62	-	22.98	0.00	3489.64
RW - 4	05/11/23	3512.62	-	22.86	0.00	3489.76
RW - 4	08/17/23	3512.62	-	23.45	0.00	3489.17
RW - 4	12/14/23	3512.62	-	23.21	0.00	3489.41
RW - 5	01/17/23	3512.12	22.81	22.90	0.09	3489.30
RW - 5	02/28/23	3512.12	22.71	22.74	0.03	3489.41
RW - 5	04/13/23	3512.12	-	22.68	0.00	3489.44

TABLE 1
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	05/11/23	3512.12	22.60	22.61	0.01	3489.52
RW - 5	08/18/23	3512.12	-	23.20	0.00	3488.92
RW - 5	12/14/23	3512.12	22.90	22.93	0.03	3489.22
RW - 6	03/01/23	3512.44	-	23.30	0.00	3489.14
RW - 6	05/11/23	3512.44	-	23.21	0.00	3489.23
RW - 6	08/17/23	3512.44	-	23.79	0.00	3488.65
RW - 6	12/14/23	3512.44	-	23.58	0.00	3488.86

TABLE 2

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		0.010	0.75	0.75	0.62	
MW - 1	03/02/23	Not Sampled on Current Sample Schedule				
MW - 1	05/11/23	Not Sampled on Current Sample Schedule				
MW - 1	08/16/23	Not Sampled on Current Sample Schedule				
MW - 1	12/13/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 2	03/02/23	Not Sampled on Current Sample Schedule				
MW - 2	05/11/23	Not Sampled on Current Sample Schedule				
MW - 2	08/16/23	Not Sampled on Current Sample Schedule				
MW - 2	12/15/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 3	03/02/23	Not Sampled on Current Sample Schedule				
MW - 3	05/11/23	Not Sampled on Current Sample Schedule				
MW - 3	08/16/23	Not Sampled on Current Sample Schedule				
MW - 3	12/15/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 4	03/02/23	Not Sampled Due to PSH in Well				
MW - 4	05/11/23	6.98	0.0880	0.138	0.3732	
MW - 4	08/18/23	1.62	0.00810	0.0175	0.06950	
MW - 4	12/15/23	1.62	0.00895	0.0190	0.0693	
MW - 5	02/28/23	0.00478	0.00108	0.00134	0.00101	
MW - 5	05/11/23	0.00463	0.00146	0.00125	<0.00200	
MW - 5	08/17/23	0.00174	0.00137	<0.00100	<0.00200	
MW - 5	12/14/23	0.00194	<0.00100	<0.00100	<0.00200	
MW - 6	03/02/23	Not Sampled Due to PSH in Well				
MW - 6	05/11/23	Not Sampled Due to PSH in Well				
MW - 6	08/16/23	Not Sampled Due to PSH in Well				
MW - 6	12/14/23	Not Sampled Due to PSH in Well				
MW - 7	02/28/23	0.327	<0.00100	0.0390	0.01683	
MW - 7	05/11/23	0.257	<0.00100	0.00579	0.00260	
MW - 7	08/17/23	0.824	<0.00100	0.0148	0.00575	
MW - 7	12/14/23	0.0434	<0.00100	0.00245	<0.00200	
MW - 8	03/02/23	Not Sampled Due to PSH in Well				
MW - 8	05/11/23	Not Sampled Due to PSH in Well				
MW - 8	08/16/23	Not Sampled Due to PSH in Well				
MW - 8	12/14/23	Not Sampled Due to PSH in Well				
MW - 10	03/02/23	Not Sampled on Current Sample Schedule				
MW - 10	05/11/23	Not Sampled on Current Sample Schedule				

TABLE 2
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		0.010	0.75	0.75	0.62	
MW - 10	08/16/23	Not Sampled on Current Sample Schedule				
MW - 10	12/13/23	<0.00100	<0.00100	0.00331	0.00135	
MW - 11	02/28/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11	05/11/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11	08/17/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11	12/14/23	<0.00100	<0.00100	<0.00100	<0.010200	
MW - 12	03/02/23	Not Sampled on Current Sample Schedule				
MW - 12	05/11/23	Not Sampled on Current Sample Schedule				
MW - 12	08/16/23	Not Sampled on Current Sample Schedule				
MW - 12	12/13/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 13	03/02/23	Not Sampled on Current Sample Schedule				
MW - 13	05/11/23	Not Sampled on Current Sample Schedule				
MW - 13	08/16/23	Not Sampled on Current Sample Schedule				
MW - 13	12/13/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 14	03/02/23	0.207	0.00214	0.163	0.0569	
MW - 14	05/11/23	0.270	0.00141	0.192	0.0610	
MW - 14	08/18/23	0.178	0.00526	0.151	0.05665	
MW - 14	12/14/23	0.208	0.00113	0.157	0.04654	
MW - 15	03/02/23	0.00955	0.0136	0.0374	0.1211	
MW - 15	05/11/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 15	08/17/23	Not Sampled Due to PSH in Well				
MW - 15	12/14/23	Not Sampled Due to PSH in Well				
MW - 16	03/02/23	Not Sampled on Current Sample Schedule				
MW - 16	05/11/23	Not Sampled on Current Sample Schedule				
MW - 16	08/16/23	Not Sampled on Current Sample Schedule				
MW - 16	12/13/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 17	03/02/23	Not Sampled on Current Sample Schedule				
MW - 17	05/11/23	Not Sampled on Current Sample Schedule				
MW - 17	08/16/23	Not Sampled on Current Sample Schedule				
MW - 17	12/15/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 18	03/02/23	Not Sampled on Current Sample Schedule				
MW - 18	05/11/23	Not Sampled on Current Sample Schedule				
MW - 18	08/16/23	Not Sampled on Current Sample Schedule				
MW - 18	12/15/23	<0.00100	<0.00100	<0.00100	<0.00200	

TABLE 2

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		0.010	0.75	0.75	0.62	
MW - 19	02/28/23	0.196	0.00153	0.00448	0.0130	
MW - 19	05/11/23	0.197	0.00227	0.00567	<0.00200	
MW - 19	08/17/23	0.128	0.00132	0.00279	<0.00200	
MW - 19	12/14/23	0.116	<0.00100	0.00357	0.00562	
MW - 20	03/02/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 20	05/10/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 20	08/17/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 20	12/15/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 21	03/02/23	Not Sampled on Current Sample Schedule				
MW - 21	05/11/23	Not Sampled on Current Sample Schedule				
MW - 21	08/16/23	Not Sampled on Current Sample Schedule				
MW - 21	12/13/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 23	03/02/23	Not Sampled on Current Sample Schedule				
MW - 23	05/10/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 23	08/16/23	Not Sampled on Current Sample Schedule				
MW - 23	12/15/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 25	02/28/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 25	05/11/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 25	08/17/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 25	12/14/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 26	03/02/23	Not Sampled on Current Sample Schedule				
MW - 26	05/11/23	Not Sampled on Current Sample Schedule				
MW - 26	08/16/23	Not Sampled on Current Sample Schedule				
MW - 26	12/13/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 27	03/02/23	Not Sampled on Current Sample Schedule				
MW - 27	05/10/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 27	08/16/23	Not Sampled on Current Sample Schedule				
MW - 27	12/15/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 28	03/02/23	Not Sampled on Current Sample Schedule				
MW - 28	05/11/23	Not Sampled on Current Sample Schedule				
MW - 28	08/16/23	Not Sampled on Current Sample Schedule				
MW - 28	12/15/23	<0.00100	<0.00100	<0.00100	<0.00200	

TABLE 2
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		0.010	0.75	0.75	0.62	
RW - 1	03/02/23	0.00161	0.00244	0.0144	0.01867	
RW - 1	05/10/23	0.00248	0.0105	0.0567	0.05489	
RW - 1	08/17/23	0.00502	0.00359	0.00413	0.01084	
RW - 1	12/15/23	0.171	<0.00100	0.0380	0.0162	
RW - 3	02/28/23	<0.00100	<0.00100	<0.00100	<0.00200	
RW - 3	05/11/23	<0.00100	<0.00100	<0.00100	<0.00200	
RW - 3	08/17/23	0.0707	<0.00100	<0.00100	<0.00200	
RW - 3	12/14/23	<0.00100	<0.00100	<0.00100	<0.00200	
RW - 4	03/02/23	0.0204	<0.00100	0.00371	0.00448	
RW - 4	05/11/23	0.170	<0.00100	0.0251	0.01653	
RW - 4	08/18/23	0.222	0.00505	0.0918	0.07675	
RW - 4	12/14/23	0.245	<0.00100	0.0697	0.04945	
RW - 5	03/02/23	Not Sampled Due to PSH in Well				
RW - 5	05/11/23	Not Sampled Due to PSH in Well				
RW - 5	08/18/23	0.146	<0.00100	0.00477	0.00693	
RW - 5	12/14/23	Not Sampled Due to PSH in Well				
RW - 6	03/02/23	0.0730	0.00943	0.0191	0.0389	
RW - 6	05/11/23	0.131	0.0598	0.0814	0.2560	
RW - 6	08/18/23	0.101	0.0222	0.0854	0.0972	
RW - 6	12/14/23	0.109	0.0108	0.0200	0.0363	

2023 POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-17

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER AP-017

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																			
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran	
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---		
MW-1	12/14/23	Not Sampled as part of Quarterly Monitoring Event.																			
MW-2	12/14/23	Not Sampled as part of Quarterly Monitoring Event.																			
MW-3	12/14/23	Not Sampled as part of Quarterly Monitoring Event.																			
MW-4	12/14/23	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.010	<0.0010	0.013	<0.0010	<0.0010	<0.0010	<0.0010	0.0065				
MW-5	12/14/23	Not Sampled as part of Quarterly Monitoring Event.																			
MW-6	12/14/23	Not Sampled due to the presence of PSH.																			
MW-7	12/14/23	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.00026	<0.00010	<0.00010	<0.00010	0.00573				
MW-8	12/14/23	Not Sampled due to the presence of PSH.																			
MW-10	12/14/23	Not Sampled as part of Quarterly Monitoring Event.																			
MW-11	12/14/23	Not Sampled as part of Quarterly Monitoring Event.																			
MW-12	12/14/23	Not Sampled as part of Quarterly Monitoring Event.																			
MW-13	12/14/23	Not Sampled as part of Quarterly Monitoring Event.																			
MW-14	12/14/23	0.0011	0.0023	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.056	0.0081	0.011	0.0014	0.0401		-		
MW-15	12/14/23	Not Sampled due to the presence of PSH.																			-

2023 POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-17

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER AP-017

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																	
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---
MW-16	12/14/23	Not Sampled as part of Quarterly Monitoring Event.																	
MW-17	12/14/23	Not Sampled as part of Quarterly Monitoring Event.																	
MW-18	12/14/23	Not Sampled as part of Quarterly Monitoring Event.																	
MW-19	12/14/23	0.00029	0.00034	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	0.00092	<0.00011	0.00046	<0.00011	0.0114		-
MW-20	12/14/23	Not Sampled as part of Quarterly Monitoring Event.																	
MW-21	12/14/23	Not Sampled as part of Quarterly Monitoring Event.																	
MW-23	12/14/23	Not Sampled as part of Quarterly Monitoring Event.																	
MW-25	12/14/23	Not Sampled as part of Quarterly Monitoring Event.																	
MW-26	12/14/23	Not Sampled as part of Quarterly Monitoring Event.																	
MW-27	12/14/23	Not Sampled as part of Quarterly Monitoring Event.																	
MW-28	12/14/23	Not Sampled as part of Quarterly Monitoring Event.																	
RW-1	12/14/23	Not Sampled as part of Quarterly Monitoring Event.																	
RW-3	12/14/23	<0.0011	<0.0011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	0.00174		-
RW-4	12/14/23	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0013	0.012	<0.0010	<0.0010	0.030	0.0011	0.060		-

2023 POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-17

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER AP-017

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																	
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenzo[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---
RW-5	12/14/23	Not Sampled due to the presence of PSH.																	
RW-6	12/14/23	0.0012	0.0015	0.0028	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0066	<0.0010	0.0077	0.0022	0.083	0.0505		-

* = Sample Detection Limit (SDL)

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 1	03/03/00	3510.90	-	22.33	0.00	3488.57
MW - 1	04/11/00	3510.90	-	22.31	0.00	3488.59
MW - 1	09/01/00	3510.90	-	23.43	0.00	3487.47
MW - 1	11/21/00	3510.90	-	23.10	0.00	3487.80
MW - 1	02/22/01	3510.90	-	22.54	0.00	3488.36
MW - 1	05/17/01	3510.90	-	22.29	0.00	3488.61
MW - 1	08/08/01	3510.90	-	23.34	0.00	3487.56
MW - 1	10/24/01	3510.90	-	22.58	0.00	3488.32
MW - 1	03/27/02	3510.90	-	22.14	0.00	3488.76
MW - 1	05/14/02	3510.90	-	21.93	0.00	3488.97
MW - 1	06/20/02	3510.90	-	22.02	0.00	3488.88
MW - 1	09/26/02	3510.90	-	22.62	0.00	3488.28
MW - 1	11/12/02	3510.90	-	22.33	0.00	3488.57
MW - 1	02/12/03	3510.90	-	21.95	0.00	3488.95
MW - 1	05/14/03	3510.90	-	22.07	0.00	3488.83
MW - 1	08/21/03	3510.90	-	23.07	0.00	3487.83
MW - 1	12/10/03	3510.90	-	23.04	0.00	3487.86
MW - 1	02/11/04	3510.90	-	22.94	0.00	3487.96
MW - 1	05/11/04	3510.90	-	21.24	0.00	3489.66
MW - 1	08/25/04	3510.90	-	22.22	0.00	3488.68
MW - 1	12/02/04	3510.90	-	21.55	0.00	3489.35
MW - 1	03/08/05	3510.90	-	20.78	0.00	3490.12
MW - 1	06/08/05	3510.90	-	20.30	0.00	3490.60
MW - 1	09/15/05	3510.90	-	20.71	0.00	3490.19
MW - 1	12/12/05	3510.90	-	20.48	0.00	3490.42
MW - 1	03/16/06	3510.90	-	20.38	0.00	3490.52
MW - 1	06/15/06	3510.90	-	20.98	0.00	3489.92
MW - 1	09/18/06	3510.90	-	20.68	0.00	3490.22
MW - 1	11/30/06	3510.90	-	20.72	0.00	3490.18
MW - 1	02/27/07	3510.90	-	20.46	0.00	3490.44
MW - 1	05/22/07	3510.90	-	20.24	0.00	3490.66
MW - 1	08/15/07	3510.90	-	21.09	0.00	3489.81
MW - 1	11/06/07	3510.90	-	20.81	0.00	3490.09
MW - 1	02/12/08	3510.90	-	25.64	0.00	3485.26
MW - 1	05/13/08	3510.90	-	20.56	0.00	3490.34
MW - 1	08/14/08	3510.90	-	21.51	0.00	3489.39
MW - 1	11/12/08	3510.90	-	20.88	0.00	3490.02
MW - 1	02/10/09	3510.90	-	20.73	0.00	3490.17
MW - 1	02/16/09	3510.90	-	18.71	0.00	3492.19
MW - 1	05/12/09	3510.90	-	20.72	0.00	3490.18
MW - 1	08/10/09	3510.90	-	21.50	0.00	3489.40
MW - 1	11/18/09	3510.90	-	21.60	0.00	3489.30
MW - 1	01/04/10	3510.90	-	21.41	0.00	3489.49
MW - 1	02/09/10	3510.90	-	21.33	0.00	3489.57
MW - 1	05/12/10	3510.90	-	20.91	0.00	3489.99
MW - 1	08/11/10	3510.90	-	20.90	0.00	3490.00
MW - 1	11/11/10	3510.90	-	21.62	0.00	3489.28
MW - 1	02/16/11	3510.90	-	21.62	0.00	3489.28
MW - 1	05/19/11	3510.90	-	21.83	0.00	3489.07
MW - 1	08/10/11	3510.90	-	21.84	0.00	3489.06
MW - 1	11/14/11	3510.90	-	21.70	0.00	3489.20
MW - 1	02/29/12	3510.90	-	21.34	0.00	3489.56
MW - 1	05/02/12	3510.90	-	21.29	0.00	3489.61
MW - 1	12/06/12	3510.90	-	21.62	0.00	3489.28
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 - 1	01/12/21	3511.93	-	22.30	0.00	3489.63
MW - 1	02/10/21	3511.93	-	22.21	0.00	3489.72
MW - 1	04/21/21	3511.93	-	22.09	0.00	3489.84
MW - 1	06/09/21	3511.93	-	22.14	0.00	3489.79
MW - 1	09/22/21	3511.93	-	22.54	0.00	3489.39
MW - 1	10/14/21	3511.93	-	22.55	0.00	3489.38
MW - 1	12/06/21	3511.93	-	22.52	0.00	3489.41
MW - 1	03/14/22	3511.93	-	22.41	0.00	3489.52
MW - 1	04/20/22	3511.93	-	22.34	0.00	3489.59
MW - 1	05/10/22	3511.93	-	22.47	0.00	3489.46
MW - 1	08/16/22	3511.93	-	23.09	0.00	3488.84
MW - 1	11/09/22	3511.93	-	22.71	0.00	3489.22
MW - 1	02/27/23	3511.93	-	22.31	0.00	3489.62
MW - 1	05/10/23	3511.93	-	22.21	0.00	3489.72
MW - 1	08/16/23	3511.93	-	23.04	0.00	3488.89
MW - 1	12/13/23	3511.93	-	22.60	0.00	3489.33
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	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
MW - 2	07/11/18	3510.19	-	19.73	0.00	3490.46
MW - 2	08/08/18	3510.19	-	19.92	0.00	3490.27
MW - 2	09/12/18	3510.19	-	20.03	0.00	3490.16
MW - 2	11/12/18	3510.19	-	19.71	0.00	3490.48
MW - 2	01/09/19	3510.19	-	19.53	0.00	3490.66
MW - 2	02/12/19	3510.19	-	19.48	0.00	3490.71
MW - 2	03/12/19	3510.19	-	19.42	0.00	3490.77
MW - 2	04/01/19	3510.19	-	19.36	0.00	3490.83
MW - 2	05/07/19	3510.19	-	19.28	0.00	3490.91
MW - 2	06/14/19	3510.19	-	19.50	0.00	3490.69
MW - 2	07/11/19	3510.19	-	19.80	0.00	3490.39
MW - 2	08/07/19	3510.19	-	20.00	0.00	3490.19
MW - 2	09/12/19	3510.19	-	20.16	0.00	3490.03
MW - 2	10/15/19	3510.19	-	19.96	0.00	3490.23
MW - 2	11/06/19	3510.19	-	19.89	0.00	3490.30
MW - 2	12/17/19	3510.19	-	19.70	0.00	3490.49
MW - 2	01/06/20	3510.19	-	19.65	0.00	3490.54
MW - 2	03/04/20	3510.19	-	19.55	0.00	3490.64
MW - 2	05/14/20	3510.19	-	19.30	0.00	3490.89
MW - 2	06/17/20	3510.19	-	19.73	0.00	3490.46
MW - 2	07/21/20	3510.19	-	20.05	0.00	3490.14
MW - 2	08/12/20	3510.19	-	20.17	0.00	3490.02
MW - 2	09/14/20	3510.19	-	20.32	0.00	3489.87
MW - 2	12/09/20	3510.19	-	20.44	0.00	3489.75
MW - 2	01/13/21	3510.19	-	20.39	0.00	3489.80
MW - 2	02/10/21	3510.19	-	20.32	0.00	3489.87
MW - 2	04/21/21	3510.19	-	20.20	0.00	3489.99
MW - 2	06/09/21	3510.19	-	20.20	0.00	3489.99
MW - 2	09/22/21	3510.19	-	20.05	0.00	3490.14
MW - 2	10/14/21	3510.19	-	20.54	0.00	3489.65
MW - 2	12/06/21	3510.19	-	20.61	0.00	3489.58
MW - 2	03/14/22	3510.19	-	20.52	0.00	3489.67
MW - 2	04/20/22	3510.19	-	20.46	0.00	3489.73
MW - 2	05/10/22	3510.19	-	20.51	0.00	3489.68
MW - 2	08/16/22	3510.19	-	21.00	0.00	3489.19
MW - 2	11/10/22	3510.19	-	20.81	0.00	3489.38
MW - 2	02/27/23	3510.19	-	20.46	0.00	3489.73
MW - 2	05/10/23	3510.19	-	20.30	0.00	3489.89
MW - 2	08/16/23	3510.19	-	20.99	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
MW - 2	12/15/23	3510.19	-	20.72	0.00	3489.47
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
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	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 - 3	01/13/21	3509.87	-	20.17	0.00	3489.70
MW - 3	02/10/21	3509.87	-	20.12	0.00	3489.75
MW - 3	04/21/21	3509.87	-	20.02	0.00	3489.85
MW - 3	06/09/21	3509.87	-	20.01	0.00	3489.86
MW - 3	09/22/21	3509.87	-	20.29	0.00	3489.58
MW - 3	10/14/21	3509.87	-	20.32	0.00	3489.55
MW - 3	12/06/21	3509.87	-	20.39	0.00	3489.48
MW - 3	03/14/22	3509.87	-	20.30	0.00	3489.57
MW - 3	04/20/22	3509.87	-	20.27	0.00	3489.60
MW - 3	05/10/22	3509.87	-	20.36	0.00	3489.51
MW - 3	08/16/22	3509.87	-	20.74	0.00	3489.13
MW - 3	11/10/22	3509.87	-	20.62	0.00	3489.25
MW - 3	02/27/23	3509.87	-	20.27	0.00	3489.60
MW - 3	05/10/23	3509.87	-	20.12	0.00	3489.75
MW - 3	08/16/23	3509.87	-	20.75	0.00	3489.12
MW - 3	12/15/23	3509.87	-	20.49	0.00	3489.38
MW - 4	03/03/00	3509.15	20.71	22.10	1.39	3488.23
MW - 4	04/11/00	3509.15	20.71	22.10	1.39	3488.23
MW - 4	09/01/00	3509.15	21.81	21.95	0.14	3487.32
MW - 4	11/21/00	3509.15	21.51	22.42	0.91	3487.50
MW - 4	02/22/01	3509.15	20.99	22.55	1.56	3487.93
MW - 4	05/17/01	3509.15	20.70	22.89	2.19	3488.12
MW - 4	08/08/01	3509.15	21.54	23.64	2.10	3487.30
MW - 4	10/24/01	3509.15	21.02	22.83	1.81	3487.86
MW - 4	03/27/02	3509.15	20.50	23.72	3.22	3488.17
MW - 4	05/14/02	3509.15	20.48	20.97	0.49	3488.60
MW - 4	06/20/02	3509.15	20.51	21.13	0.62	3488.55
MW - 4	09/26/02	3509.15	20.82	22.61	1.79	3488.06
MW - 4	11/12/02	3509.15	19.97	20.06	0.09	3489.17
MW - 4	01/07/03	3509.15	-	20.20	0.00	3488.95
MW - 4	01/27/03	3509.15	20.39	22.40	2.01	3488.46
MW - 4	02/26/03	3509.15	19.26	22.56	3.30	3489.40
MW - 4	03/11/03	3509.15	20.31	22.42	2.11	3488.52
MW - 4	03/19/03	3509.15	20.32	22.45	2.13	3488.51
MW - 4	03/25/03	3509.15	20.28	22.54	2.26	3488.53
MW - 4	04/16/03	3509.15	20.22	22.33	2.11	3488.61
MW - 4	04/23/03	3509.15	20.21	22.54	2.33	3488.59
MW - 4	04/29/03	3509.15	20.23	22.53	2.30	3488.58
MW - 4	05/14/03	3509.15	20.40	22.55	2.15	3488.43

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	05/20/03	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
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	12/01/04	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	09/13/05	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	10/02/06	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	01/16/08	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	03/09/09	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	12/28/09	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	03/01/11	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
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	03/15/13	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	07/08/14	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	08/03/15	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
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	10/07/16	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
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	03/29/18	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
MW - 4	07/11/19	3513.35	-	22.88	0.00	3490.47
MW - 4	08/08/19	3513.35	-	23.08	0.00	3490.27
MW - 4	09/12/19	3513.35	-	23.27	0.00	3490.08
MW - 4	09/17/19	3513.35	-	23.26	0.00	3490.09
MW - 4	10/15/19	3513.35	-	23.07	0.00	3490.28
MW - 4	11/06/19	3513.35	-	22.99	0.00	3490.36
MW - 4	11/13/19	3513.35	-	22.93	0.00	3490.42

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	12/17/19	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 - 4	01/13/21	3513.35	-	23.42	0.00	3489.93
MW - 4	02/11/21	3513.35	-	23.37	0.00	3489.98
MW - 4	04/21/21	3513.35	-	23.25	0.00	3490.10
MW - 4	06/11/21	3513.35	-	23.27	0.00	3490.08
MW - 4	09/23/21	3513.35	23.57	23.59	0.02	3489.78
MW - 4	10/14/21	3513.35	23.60	23.61	0.01	3489.75
MW - 4	10/28/21	3513.35	23.65	23.66	0.01	3489.70
MW - 4	12/06/21	3513.35	-	23.69	0.00	3489.66
MW - 4	03/16/22	3513.35	-	23.53	0.00	3489.82
MW - 4	04/20/22	3513.35	-	23.52	0.00	3489.83
MW - 4	05/11/22	3513.35	-	23.71	0.00	3489.64
MW - 4	08/16/22	3513.35	24.07	24.08	0.01	3489.28
MW - 4	11/11/22	3513.35	-	23.82	0.00	3489.53
MW - 4	02/28/23	3513.35	23.47	23.55	0.08	3489.87
MW - 4	04/13/23	3513.35	-	23.38	0.00	3489.97
MW - 4	05/11/23	3513.35	-	23.33	0.00	3490.02
MW - 4	08/18/23	3513.35	-	24.05	0.00	3489.30
MW - 4	12/14/23	3513.35	-	23.73	0.00	3489.62
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	10/16/03	3509.96	-	22.67	0.00	3487.29
MW - 5	10/28/03	3509.96	-	22.72	0.00	3487.24
MW - 5	11/18/03	3509.96	-	22.55	0.00	3487.41
MW - 5	12/10/03	3509.96	22.41	22.42	0.01	3487.55
MW - 5	02/02/04	3509.96	-	22.76	0.00	3487.20
MW - 5	02/11/04	3509.96	-	22.22	0.00	3487.74
MW - 5	02/26/04	3509.96	-	22.22	0.00	3487.74
MW - 5	03/16/04	3509.96	-	22.21	0.00	3487.75
MW - 5	03/19/04	3509.96	-	22.36	0.00	3487.60
MW - 5	03/25/04	3509.96	-	22.35	0.00	3487.61
MW - 5	04/01/04	3509.96	-	22.32	0.00	3487.64
MW - 5	04/08/04	3509.96	-	21.74	0.00	3488.22
MW - 5	04/14/04	3509.96	-	21.71	0.00	3488.25
MW - 5	04/16/04	3509.96	-	21.84	0.00	3488.12
MW - 5	04/22/04	3509.96	-	21.04	0.00	3488.92
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	02/11/05	3509.96	sheen	20.14	0.00	3489.82
MW - 5	02/15/05	3509.96	sheen	20.07	0.00	3489.89
MW - 5	02/18/05	3509.96	sheen	20.07	0.00	3489.89
MW - 5	02/22/05	3509.96	sheen	20.03	0.00	3489.93
MW - 5	02/25/05	3509.96	sheen	20.00	0.00	3489.96
MW - 5	03/01/05	3509.96	sheen	19.96	0.00	3490.00
MW - 5	03/04/05	3509.96	sheen	19.97	0.00	3489.99
MW - 5	03/08/05	3509.96	sheen	19.92	0.00	3490.04
MW - 5	03/08/05	3509.96	sheen	19.92	0.00	3490.04
MW - 5	03/11/05	3509.96	sheen	19.96	0.00	3490.00
MW - 5	03/15/05	3509.96	sheen	19.90	0.00	3490.06
MW - 5	03/18/05	3509.96	sheen	19.91	0.00	3490.05
MW - 5	03/22/05	3509.96	sheen	19.87	0.00	3490.09
MW - 5	03/28/05	3509.96	sheen	19.75	0.00	3490.21
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	12/16/05	3509.96	sheen	19.58	0.00	3490.38
MW - 5	12/22/05	3509.96	sheen	19.59	0.00	3490.37
MW - 5	12/27/05	3509.96	sheen	19.57	0.00	3490.39
MW - 5	01/03/06	3509.96	sheen	19.55	0.00	3490.41
MW - 5	01/09/06	3509.96	sheen	19.60	0.00	3490.36
MW - 5	01/16/06	3509.96	sheen	19.54	0.00	3490.42
MW - 5	01/23/06	3509.96	sheen	19.55	0.00	3490.41
MW - 5	01/30/06	3509.96	sheen	19.55	0.00	3490.41
MW - 5	02/06/06	3509.96	sheen	19.54	0.00	3490.42
MW - 5	02/14/06	3509.96	sheen	19.53	0.00	3490.43
MW - 5	02/21/06	3509.96	sheen	19.50	0.00	3490.46
MW - 5	03/01/06	3509.96	sheen	19.49	0.00	3490.47
MW - 5	03/06/06	3509.96	sheen	19.53	0.00	3490.43
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	01/18/07	3509.96	sheen	19.72	0.00	3490.24
MW - 5	01/22/07	3509.96	sheen	19.71	0.00	3490.25
MW - 5	02/05/07	3509.96	sheen	19.68	0.00	3490.28
MW - 5	02/12/07	3509.96	-	19.66	0.00	3490.30
MW - 5	02/19/07	3509.96	-	19.59	0.00	3490.37
MW - 5	02/27/07	3509.96	-	19.60	0.00	3490.36
MW - 5	03/05/07	3509.96	-	18.65	0.00	3491.31
MW - 5	03/19/07	3509.96	-	19.64	0.00	3490.32
MW - 5	04/02/07	3509.96	-	18.63	0.00	3491.33
MW - 5	04/09/07	3509.96	-	19.54	0.00	3490.42
MW - 5	05/22/07	3509.96	sheen	19.38	0.00	3490.58
MW - 5	08/15/07	3509.96	-	20.21	0.00	3489.75
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	04/16/09	3509.96	-	20.00	0.00	3489.96
MW - 5	04/21/09	3509.96	-	19.98	0.00	3489.98
MW - 5	04/27/09	3509.96	-	19.91	0.00	3490.05
MW - 5	04/30/09	3509.96	-	19.99	0.00	3489.97
MW - 5	05/06/09	3509.96	-	20.00	0.00	3489.96
MW - 5	05/12/09	3509.96	-	19.88	0.00	3490.08
MW - 5	05/19/09	3509.96	-	20.01	0.00	3489.95
MW - 5	05/26/09	3509.96	-	20.06	0.00	3489.90
MW - 5	06/01/09	3509.96	-	20.15	0.00	3489.81
MW - 5	06/12/09	3509.96	-	20.26	0.00	3489.70
MW - 5	06/22/09	3509.96	-	20.38	0.00	3489.58
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	02/26/10	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	06/23/11	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
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	06/11/13	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	10/07/14	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	11/18/15	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
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	03/09/17	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
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	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
MW - 5	10/31/18	3513.99	-	23.24	0.00	3490.75
MW - 5	11/06/18	3513.99	-	23.34	0.00	3490.65
MW - 5	11/13/18	3513.99	-	23.29	0.00	3490.70
MW - 5	12/03/18	3513.99	-	23.20	0.00	3490.79
MW - 5	12/27/18	3513.99	-	22.98	0.00	3491.01
MW - 5	01/03/19	3513.99	-	23.07	0.00	3490.92
MW - 5	01/09/19	3513.99	-	22.95	0.00	3491.04
MW - 5	01/16/19	3513.99	-	23.01	0.00	3490.98
MW - 5	02/12/19	3513.99	-	22.92	0.00	3491.07
MW - 5	02/28/19	3513.99	-	22.91	0.00	3491.08
MW - 5	03/06/19	3513.99	-	22.86	0.00	3491.13
MW - 5	03/12/19	3513.99	-	22.86	0.00	3491.13
MW - 5	03/06/19	3513.99	-	22.86	0.00	3491.13
MW - 5	03/19/19	3513.99	-	22.89	0.00	3491.10
MW - 5	03/28/19	3513.99	-	22.83	0.00	3491.16
MW - 5	04/01/19	3513.99	-	22.78	0.00	3491.21
MW - 5	04/10/19	3513.99	-	22.76	0.00	3491.23
MW - 5	04/17/19	3513.99	-	22.77	0.00	3491.22
MW - 5	04/24/19	3513.99	-	22.77	0.00	3491.22
MW - 5	05/01/19	3513.99	-	22.78	0.00	3491.21
MW - 5	05/08/19	3513.99	-	22.78	0.00	3491.21
MW - 5	06/14/19	3513.99	-	23.07	0.00	3490.92
MW - 5	07/11/19	3513.99	-	23.34	0.00	3490.65
MW - 5	08/08/19	3513.99	-	23.54	0.00	3490.45
MW - 5	09/12/19	3513.99	-	23.71	0.00	3490.28
MW - 5	09/17/19	3513.99	-	23.73	0.00	3490.26
MW - 5	10/15/19	3513.99	-	23.49	0.00	3490.50
MW - 5	11/06/19	3513.99	-	23.40	0.00	3490.59
MW - 5	11/13/19	3513.99	-	23.36	0.00	3490.63
MW - 5	12/17/19	3513.99	-	23.17	0.00	3490.82
MW - 5	01/06/20	3513.99	-	23.12	0.00	3490.87
MW - 5	01/23/20	3513.99	-	23.06	0.00	3490.93
MW - 5	01/29/20	3513.99	-	23.06	0.00	3490.93
MW - 5	02/28/20	3513.99	-	23.00	0.00	3490.99
MW - 5	03/04/20	3513.99	-	22.46	0.00	3491.53
MW - 5	05/14/20	3513.99	-	22.78	0.00	3491.21
MW - 5	06/17/20	3513.99	-	23.30	0.00	3490.69
MW - 5	07/21/20	3513.99	-	23.62	0.00	3490.37
MW - 5	08/13/20	3513.99	-	23.75	0.00	3490.24
MW - 5	09/14/20	3513.99	-	23.86	0.00	3490.13
MW - 5	12/09/20	3513.99	-	23.91	0.00	3490.08
MW - 5	01/13/21	3513.99	-	23.85	0.00	3490.14
MW - 5	02/11/21	3513.99	-	23.78	0.00	3490.21
MW - 5	04/21/21	3513.99	-	23.65	0.00	3490.34
MW - 5	06/11/21	3513.99	-	23.69	0.00	3490.30

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	07/31/21	3513.99	-	23.66	0.00	3490.33
MW - 5	09/23/21	3513.99	-	24.03	0.00	3489.96
MW - 5	10/14/21	3513.99	-	24.06	0.00	3489.93
MW - 5	12/06/21	3513.99	-	24.03	0.00	3489.96
MW - 5	03/15/22	3513.99	-	23.91	0.00	3490.08
MW - 5	04/20/22	3513.99	-	23.88	0.00	3490.11
MW - 5	05/10/22	3513.99	-	24.02	0.00	3489.97
MW - 5	08/16/22	3513.99	-	24.54	0.00	3489.45
MW - 5	11/09/22	3513.99	-	24.20	0.00	3489.79
MW - 5	02/28/23	3513.99	-	23.83	0.00	3490.16
MW - 5	05/11/23	3513.99	-	23.73	0.00	3490.26
MW - 5	08/17/23	3513.99	-	24.54	0.00	3489.45
MW - 5	12/14/23	3513.99	-	24.10	0.00	3489.89
MW - 6	06/20/02	3507.94	-	19.48	0.00	3488.46
MW - 6	09/26/02	3507.94	19.84	20.02	0.18	3488.07
MW - 6	11/07/02	3507.94	19.82	20.11	0.29	3488.08
MW - 6	11/12/02	3507.94	19.79	20.11	0.32	3488.10
MW - 6	01/07/03	3507.94	19.53	20.05	0.52	3488.33
MW - 6	01/27/03	3507.94	19.53	19.70	0.17	3488.38
MW - 6	03/11/03	3507.94	19.38	19.86	0.48	3488.49
MW - 6	03/19/03	3507.94	19.40	19.87	0.47	3488.47
MW - 6	04/16/03	3507.94	19.28	19.55	0.27	3488.62
MW - 6	05/14/03	3507.94	19.40	20.17	0.77	3488.42
MW - 6	05/20/03	3507.94	19.60	20.41	0.81	3488.22
MW - 6	05/27/03	3507.94	19.63	20.21	0.58	3488.22
MW - 6	06/04/03	3507.94	19.60	20.14	0.54	3488.26
MW - 6	07/07/03	3507.94	20.09	20.54	0.45	3487.78
MW - 6	07/30/03	3507.94	20.16	20.58	0.42	3487.72
MW - 6	08/06/03	3507.94	20.39	20.90	0.51	3487.47
MW - 6	08/21/03	3507.94	20.58	21.00	0.42	3487.30
MW - 6	08/26/03	3507.94	20.67	20.92	0.25	3487.23
MW - 6	09/08/03	3507.94	20.51	20.89	0.38	3487.37
MW - 6	09/15/03	3507.94	20.53	20.91	0.38	3487.35
MW - 6	09/24/03	3507.94	20.81	21.18	0.37	3487.07
MW - 6	10/02/03	3507.94	20.61	20.99	0.38	3487.27
MW - 6	10/08/03	3507.94	20.52	20.76	0.24	3487.38
MW - 6	10/16/03	3507.94	20.83	21.09	0.26	3487.07
MW - 6	10/28/03	3507.94	20.83	21.14	0.31	3487.06
MW - 6	11/11/03	3507.94	20.95	21.07	0.12	3486.97
MW - 6	11/18/03	3507.94	20.66	20.81	0.15	3487.26
MW - 6	12/10/03	3507.94	20.53	21.08	0.55	3487.33
MW - 6	02/02/04	3507.94	20.88	21.09	0.21	3487.03
MW - 6	02/26/04	3507.94	20.41	20.85	0.44	3487.46
MW - 6	03/16/04	3507.94	20.62	21.17	0.55	3487.24
MW - 6	03/19/04	3507.94	20.60	21.09	0.49	3487.27
MW - 6	03/25/04	3507.94	20.56	21.14	0.58	3487.29
MW - 6	04/01/04	3507.94	20.22	20.87	0.65	3487.62
MW - 6	04/08/04	3507.94	20.47	21.10	0.63	3487.38
MW - 6	04/14/04	3507.94	19.92	20.63	0.71	3487.91
MW - 6	04/16/04	3507.94	20.06	20.47	0.41	3487.82
MW - 6	04/22/04	3507.94	19.27	19.48	0.21	3488.64
MW - 6	04/29/04	3507.94	19.22	19.40	0.18	3488.69
MW - 6	05/11/04	3507.94	19.20	19.24	0.04	3488.73
MW - 6	06/08/04	3507.94	19.26	19.55	0.29	3488.64

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	06/17/04	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	04/15/05	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	04/03/06	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	06/06/07	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
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	09/29/08	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	08/31/09	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	07/12/10	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
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	04/18/12	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
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	-

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	04/04/15	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	04/08/16	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
MW - 6	12/06/16	3512.05	-	20.82	0.00	3491.23
MW - 6	12/15/16	3512.05	20.83	20.89	0.06	3491.21
MW - 6	12/22/16	3512.05	-	20.93	0.00	3491.12
MW - 6	12/29/16	3512.05	-	21.99	0.00	3490.06
MW - 6	01/05/17	3512.05	-	20.86	0.00	3491.19
MW - 6	01/11/17	3512.05	-	20.90	0.00	3491.15
MW - 6	01/18/17	3512.05	-	20.87	0.00	3491.18
MW - 6	01/26/17	3512.05	-	20.96	0.00	3491.09
MW - 6	01/31/17	3512.05	-	20.86	0.00	3491.19
MW - 6	02/10/17	3512.05	-	20.84	0.00	3491.21
MW - 6	02/17/17	3512.05	-	20.80	0.00	3491.25
MW - 6	02/24/17	3512.05	-	20.84	0.00	3491.21
MW - 6	03/01/17	3512.05	-	20.89	0.00	3491.16
MW - 6	03/09/17	3512.05	-	20.88	0.00	3491.17
MW - 6	03/15/17	3512.05	-	20.82	0.00	3491.23
MW - 6	03/22/17	3512.05	-	20.81	0.00	3491.24
MW - 6	03/29/17	3512.05	-	20.86	0.00	3491.19
MW - 6	04/07/17	3512.05	-	20.83	0.00	3491.22
MW - 6	04/11/17	3512.05	-	20.81	0.00	3491.24
MW - 6	04/20/17	3512.05	-	20.76	0.00	3491.29
MW - 6	05/02/17	3512.05	-	20.74	0.00	3491.31
MW - 6	05/12/17	3512.05	-	20.80	0.00	3491.25
MW - 6	05/16/17	3512.05	-	20.79	0.00	3491.26
MW - 6	05/24/17	3512.05	-	20.87	0.00	3491.18
MW - 6	06/05/17	3512.05	-	20.95	0.00	3491.10
MW - 6	06/15/17	3512.05	-	21.15	0.00	3490.90
MW - 6	06/28/17	3512.05	-	21.23	0.00	3490.82
MW - 6	07/05/17	3512.05	-	21.30	0.00	3490.75

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	07/11/17	3512.05	-	21.32	0.00	3490.73
MW - 6	07/17/17	3512.05	-	21.41	0.00	3490.64
MW - 6	07/20/17	3512.05	-	21.41	0.00	3490.64
MW - 6	08/16/17	3512.05	-	21.31	0.00	3490.74
MW - 6	09/05/17	3512.05	-	21.16	0.00	3490.89
MW - 6	09/13/17	3512.05	-	21.36	0.00	3490.69
MW - 6	09/19/17	3512.05	-	21.40	0.00	3490.65
MW - 6	09/29/17	3512.05	-	21.24	0.00	3490.81
MW - 6	10/05/17	3512.05	-	21.28	0.00	3490.77
MW - 6	10/12/17	3512.05	-	21.05	0.00	3491.00
MW - 6	10/20/17	3512.05	-	20.94	0.00	3491.11
MW - 6	10/24/17	3512.05	-	21.04	0.00	3491.01
MW - 6	11/02/17	3512.05	-	20.99	0.00	3491.06
MW - 6	11/14/17	3512.05	-	19.97	0.00	3492.08
MW - 6	11/21/17	3512.05	21.19	21.36	0.17	3490.83
MW - 6	12/20/17	3512.05	-	20.89	0.00	3491.16
MW - 6	12/28/17	3512.05	-	20.88	0.00	3491.17
MW - 6	01/03/18	3512.05	-	20.89	0.00	3491.16
MW - 6	01/09/18	3512.05	-	20.86	0.00	3491.19
MW - 6	01/19/18	3512.05	-	20.85	0.00	3491.20
MW - 6	01/24/18	3512.05	-	20.87	0.00	3491.18
MW - 6	02/08/18	3512.05	-	20.88	0.00	3491.17
MW - 6	02/12/18	3512.05	-	20.84	0.00	3491.21
MW - 6	02/22/18	3512.05	-	20.82	0.00	3491.23
MW - 6	03/02/18	3512.05	-	20.82	0.00	3491.23
MW - 6	03/07/18	3512.05	-	20.81	0.00	3491.24
MW - 6	03/19/18	3512.05	-	20.79	0.00	3491.26
MW - 6	03/29/18	3512.05	-	22.81	0.00	3489.24
MW - 6	04/02/18	3512.05	-	20.76	0.00	3491.29
MW - 6	04/11/18	3512.05	-	19.75	0.00	3492.30
MW - 6	04/16/18	3512.05	-	20.79	0.00	3491.26
MW - 6	04/25/18	3512.05	-	20.78	0.00	3491.27
MW - 6	05/01/18	3512.05	-	20.76	0.00	3491.29
MW - 6	05/08/18	3512.05	-	20.80	0.00	3491.25
MW - 6	05/22/18	3512.05	-	20.98	0.00	3491.07
MW - 6	05/31/18	3512.05	-	21.11	0.00	3490.94
MW - 6	06/06/18	3512.05	-	21.19	0.00	3490.86
MW - 6	06/13/18	3512.05	-	21.24	0.00	3490.81
MW - 6	06/18/18	3512.05	-	21.27	0.00	3490.78
MW - 6	06/25/18	3512.05	-	21.31	0.00	3490.74
MW - 6	07/02/18	3512.05	-	21.38	0.00	3490.67
MW - 6	07/11/18	3512.05	-	21.49	0.00	3490.56
MW - 6	07/19/18	3512.05	-	21.50	0.00	3490.55
MW - 6	07/27/18	3512.05	-	21.38	0.00	3490.67
MW - 6	08/08/18	3512.05	-	21.68	0.00	3490.37
MW - 6	08/30/18	3512.05	-	21.74	0.00	3490.31
MW - 6	09/12/18	3512.05	-	21.74	0.00	3490.31
MW - 6	09/20/18	3512.05	-	21.63	0.00	3490.42
MW - 6	09/26/18	3512.05	-	21.66	0.00	3490.39
MW - 6	10/03/18	3512.05	-	21.61	0.00	3490.44
MW - 6	10/19/18	3512.05	-	21.61	0.00	3490.44
MW - 6	10/31/18	3512.05	-	21.49	0.00	3490.56
MW - 6	11/06/18	3512.05	-	21.42	0.00	3490.63
MW - 6	11/13/18	3512.05	-	21.43	0.00	3490.62
MW - 6	12/03/18	3512.05	-	21.35	0.00	3490.70

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	07/01/20	3512.05	-	21.64	0.00	3490.41
MW - 6	07/21/20	3512.05	-	21.81	0.00	3490.24
MW - 6	08/13/20	3512.05	-	21.92	0.00	3490.13
MW - 6	09/14/20	3512.05	-	22.04	0.00	3490.01
MW - 6	09/30/20	3512.05	-	22.05	0.00	3490.00
MW - 6	10/16/20	3512.05	-	22.12	0.00	3489.93
MW - 6	11/23/20	3512.05	-	22.04	0.00	3490.01
MW - 6	12/10/20	3512.05	-	22.14	0.00	3489.91
MW - 6	12/31/20	3512.05	-	22.11	0.00	3489.94
MW - 6	01/13/21	3512.05	-	22.07	0.00	3489.98
MW - 6	01/22/21	3512.05	-	22.07	0.00	3489.98
MW - 6	02/11/21	3512.05	-	22.02	0.00	3490.03
MW - 6	04/21/21	3512.05	-	21.90	0.00	3490.15
MW - 6	04/28/21	3512.05	-	21.88	0.00	3490.17
MW - 6	06/10/21	3512.05	-	21.93	0.00	3490.12
MW - 6	07/31/21	3512.05	-	21.97	0.00	3490.08
MW - 6	08/31/21	3512.05	-	22.20	0.00	3489.85
MW - 6	09/23/21	3512.05	-	22.22	0.00	3489.83
MW - 6	10/14/21	3512.05	22.25	22.32	0.07	3489.79
MW - 6	10/28/21	3512.05	22.28	22.40	0.12	3489.75
MW - 6	11/22/21	3512.05	-	22.34	0.00	3489.71
MW - 6	12/06/21	3512.05	-	22.34	0.00	3489.71
MW - 6	01/19/22	3512.05	22.14	22.28	0.14	3489.89
MW - 6	02/23/22	3512.05	22.22	22.50	0.28	3489.79
MW - 6	03/15/22	3512.05	22.21	22.39	0.18	3489.81
MW - 6	03/30/22	3512.05	22.18	22.25	0.07	3489.86
MW - 6	04/13/22	3512.05	22.18	22.49	0.31	3489.82
MW - 6	04/20/22	3512.05	22.16	22.60	0.44	3489.82
MW - 6	05/11/22	3512.05	22.23	22.43	0.20	3489.79
MW - 6	05/31/22	3512.05	22.36	22.45	0.09	3489.68
MW - 6	06/27/22	3512.05	22.42	23.92	1.50	3489.41
MW - 6	07/25/22	3512.05	22.62	25.43	2.81	3489.01
MW - 6	08/16/22	3512.05	22.68	23.97	1.29	3489.18
MW - 6	09/08/22	3512.05	22.58	23.33	0.75	3489.36
MW - 6	11/08/22	3512.05	22.45	23.00	0.55	3489.52
MW - 6	01/17/23	3512.05	22.22	22.95	0.73	3489.72
MW - 6	02/08/23	3512.05	22.18	22.50	0.32	3489.82
MW - 6	02/28/23	3512.05	22.12	22.25	0.13	3489.91
MW - 6	03/27/23	3512.05	22.07	22.30	0.23	3489.95
MW - 6	04/13/23	3512.05	21.91	22.20	0.29	3490.10
MW - 6	05/11/23	3512.05	21.97	22.07	0.10	3490.07
MW - 6	05/25/23	3512.05	22.02	22.45	0.43	3489.97
MW - 6	06/30/23	3512.05	22.08	23.30	1.22	3489.79
MW - 6	07/26/23	3512.05	22.42	22.95	0.53	3489.55
MW - 6	08/10/23	3512.05	22.68	22.88	0.20	3489.34
MW - 6	08/16/23	3512.05	22.75	22.85	0.10	3489.29
MW - 6	11/06/23	3512.05	22.42	22.98	0.56	3489.55
MW - 6	12/14/23	3512.05	22.31	22.87	0.56	3489.66
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	03/11/03	3507.08	18.75	19.09	0.34	3488.28
MW - 7	03/19/03	3507.08	18.72	19.15	0.43	3488.30
MW - 7	03/25/03	3507.08	18.68	19.18	0.50	3488.33
MW - 7	04/16/03	3507.08	18.59	19.17	0.58	3488.40
MW - 7	04/23/03	3507.08	18.58	19.32	0.74	3488.39
MW - 7	04/29/03	3507.08	18.57	19.30	0.73	3488.40
MW - 7	05/14/03	3507.08	18.69	19.66	0.97	3488.24
MW - 7	05/20/03	3507.08	18.86	19.90	1.04	3488.06
MW - 7	05/27/03	3507.08	18.89	19.94	1.05	3488.03
MW - 7	06/04/03	3507.08	18.90	19.29	0.39	3488.12
MW - 7	06/26/03	3507.08	18.46	19.09	0.63	3488.53
MW - 7	07/07/03	3507.08	19.34	20.04	0.70	3487.64
MW - 7	07/30/03	3507.08	19.44	19.52	0.08	3487.63
MW - 7	08/06/03	3507.08	19.69	19.84	0.15	3487.37
MW - 7	08/21/03	3507.08	19.85	19.98	0.13	3487.21
MW - 7	08/26/03	3507.08	19.92	20.11	0.19	3487.13
MW - 7	09/08/03	3507.08	19.80	19.88	0.08	3487.27
MW - 7	09/15/03	3507.08	19.77	19.81	0.04	3487.30
MW - 7	09/24/03	3507.08	20.06	20.20	0.14	3487.00
MW - 7	10/02/03	3507.08	19.94	20.10	0.16	3487.12
MW - 7	10/08/03	3507.08	19.82	19.94	0.12	3487.24
MW - 7	10/16/03	3507.08	20.14	20.25	0.11	3486.92
MW - 7	10/28/03	3507.08	20.20	20.37	0.17	3486.85
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	10/26/04	3507.08	18.53	19.00	0.47	3488.48
MW - 7	11/08/04	3507.08	18.64	19.47	0.83	3488.32
MW - 7	11/15/04	3507.08	18.10	19.85	1.75	3488.72
MW - 7	12/01/04	3507.08	17.95	19.95	2.00	3488.83
MW - 7	12/03/04	3507.08	17.95	19.95	2.00	3488.83
MW - 7	12/14/04	3507.08	18.06	18.31	0.25	3488.98
MW - 7	12/21/04	3507.08	18.00	18.43	0.43	3489.02
MW - 7	12/29/04	3507.08	17.93	18.20	0.27	3489.11
MW - 7	01/11/05	3507.08	17.87	18.24	0.37	3489.15
MW - 7	01/14/05	3507.08	17.90	18.29	0.39	3489.12
MW - 7	01/18/05	3507.08	17.80	18.22	0.42	3489.22
MW - 7	01/21/05	3507.08	17.80	18.11	0.31	3489.23
MW - 7	01/25/05	3507.08	17.79	18.23	0.44	3489.22
MW - 7	01/28/05	3507.08	17.81	18.25	0.44	3489.20
MW - 7	02/02/05	3507.08	17.69	18.15	0.46	3489.32
MW - 7	02/05/05	3507.08	17.85	18.04	0.19	3489.20
MW - 7	02/08/05	3507.08	17.65	18.10	0.45	3489.36
MW - 7	02/11/05	3507.08	17.69	18.11	0.42	3489.33
MW - 7	02/15/05	3507.08	17.61	18.08	0.47	3489.40
MW - 7	02/18/05	3507.08	17.59	18.03	0.44	3489.42
MW - 7	02/22/05	3507.08	17.59	18.03	0.44	3489.42
MW - 7	02/25/05	3507.08	17.64	17.95	0.31	3489.39
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	08/23/05	3507.08	17.31	17.40	0.09	3489.76
MW - 7	08/30/05	3507.08	17.28	17.42	0.14	3489.78
MW - 7	09/06/05	3507.08	17.22	17.27	0.05	3489.85
MW - 7	09/13/05	3507.08	17.28	17.35	0.07	3489.79
MW - 7	09/15/05	3507.08	17.23	17.33	0.10	3489.84
MW - 7	09/19/05	3507.08	sheen	17.26	0.00	3489.82
MW - 7	09/27/05	3507.08	17.25	17.45	0.20	3489.80
MW - 7	10/03/05	3507.08	17.30	17.70	0.40	3489.72
MW - 7	10/08/05	3507.08	17.24	17.31	0.07	3489.83
MW - 7	10/10/05	3507.08	17.25	17.71	0.46	3489.76
MW - 7	10/17/05	3507.08	17.20	17.45	0.25	3489.84
MW - 7	10/24/05	3507.08	17.16	17.41	0.25	3489.88
MW - 7	10/31/05	3507.08	17.18	17.38	0.20	3489.87
MW - 7	11/15/05	3507.08	17.13	17.51	0.38	3489.89
MW - 7	11/22/05	3507.08	17.11	17.50	0.39	3489.91
MW - 7	11/27/05	3507.08	17.08	17.42	0.34	3489.95
MW - 7	12/07/05	3507.08	17.11	17.28	0.17	3489.94
MW - 7	12/12/05	3507.08	17.17	17.34	0.17	3489.88
MW - 7	12/16/05	3507.08	17.22	17.39	0.17	3489.83
MW - 7	12/22/05	3507.08	17.29	17.49	0.20	3489.76
MW - 7	12/27/05	3507.08	17.06	17.38	0.32	3489.97
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	09/11/06	3507.08	17.28	17.62	0.34	3489.75
MW - 7	09/18/06	3507.08	18.26	18.52	0.26	3488.78
MW - 7	09/25/06	3507.08	17.24	17.65	0.41	3489.78
MW - 7	10/02/06	3507.08	17.20	17.61	0.41	3489.82
MW - 7	10/09/06	3507.08	17.30	17.72	0.42	3489.72
MW - 7	10/17/06	3507.08	17.30	17.75	0.45	3489.71
MW - 7	10/23/06	3507.08	17.28	17.62	0.34	3489.75
MW - 7	10/30/06	3507.08	17.27	17.60	0.33	3489.76
MW - 7	11/06/06	3507.08	17.24	17.59	0.35	3489.79
MW - 7	11/13/06	3507.08	17.20	17.50	0.30	3489.84
MW - 7	11/20/06	3507.08	17.23	17.62	0.39	3489.79
MW - 7	11/27/06	3507.08	17.17	17.48	0.31	3489.86
MW - 7	11/30/06	3507.08	17.20	17.59	0.39	3489.82
MW - 7	12/04/06	3507.08	17.26	17.82	0.56	3489.74
MW - 7	12/12/06	3507.08	17.27	17.82	0.55	3489.73
MW - 7	12/18/06	3507.08	17.05	17.54	0.49	3489.96
MW - 7	01/02/07	3507.08	17.18	17.62	0.44	3489.83
MW - 7	01/11/07	3507.08	17.15	17.48	0.33	3489.88
MW - 7	01/18/07	3507.08	17.20	17.41	0.21	3489.85
MW - 7	01/22/07	3507.08	17.14	17.48	0.34	3489.89
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	12/14/07	3507.08	17.45	17.64	0.19	3489.60
MW - 7	12/17/07	3507.08	17.33	17.59	0.26	3489.71
MW - 7	01/09/08	3507.08	17.25	17.58	0.33	3489.78
MW - 7	01/16/08	3507.08	17.29	17.64	0.35	3489.74
MW - 7	01/21/08	3507.08	17.31	17.72	0.41	3489.71
MW - 7	01/30/08	3507.08	17.23	17.54	0.31	3489.80
MW - 7	02/08/08	3507.08	17.24	17.58	0.34	3489.79
MW - 7	02/12/08	3507.08	17.24	17.58	0.34	3489.79
MW - 7	02/14/08	3507.08	17.23	17.51	0.28	3489.81
MW - 7	02/20/08	3507.08	17.21	17.50	0.29	3489.83
MW - 7	02/28/08	3507.08	17.22	17.54	0.32	3489.81
MW - 7	03/05/08	3507.08	17.23	17.63	0.40	3489.79
MW - 7	03/13/08	3507.08	17.19	17.57	0.38	3489.83
MW - 7	03/19/08	3507.08	17.23	17.60	0.37	3489.79
MW - 7	03/24/08	3507.08	17.19	17.58	0.39	3489.83
MW - 7	04/02/08	3507.08	17.18	17.52	0.34	3489.85
MW - 7	04/07/08	3507.08	17.18	17.52	0.34	3489.85
MW - 7	04/14/08	3507.08	17.19	17.48	0.29	3489.85
MW - 7	04/23/08	3507.08	17.19	17.52	0.33	3489.84
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	02/16/09	3507.08	17.40	17.98	0.58	3489.59
MW - 7	02/24/09	3507.08	17.43	18.00	0.57	3489.56
MW - 7	03/02/09	3507.08	17.43	17.56	0.13	3489.63
MW - 7	03/05/09	3507.08	17.39	17.69	0.30	3489.65
MW - 7	03/09/09	3507.08	19.20	19.23	0.03	3487.88
MW - 7	03/16/09	3507.08	17.35	17.64	0.29	3489.69
MW - 7	03/19/09	3507.08	17.46	17.59	0.13	3489.60
MW - 7	03/25/09	3507.08	17.48	17.61	0.13	3489.58
MW - 7	03/30/09	3507.08	17.49	17.59	0.10	3489.58
MW - 7	04/13/09	3507.08	17.29	17.65	0.36	3489.74
MW - 7	04/16/09	3507.08	17.51	17.54	0.03	3489.57
MW - 7	04/21/09	3507.08	17.53	17.56	0.03	3489.55
MW - 7	04/27/09	3507.08	17.29	17.59	0.30	3489.75
MW - 7	04/30/09	3507.08	17.53	17.57	0.04	3489.54
MW - 7	05/06/09	3507.08	17.53	17.58	0.05	3489.54
MW - 7	05/12/09	3507.08	17.31	17.40	0.09	3489.76
MW - 7	05/19/09	3507.08	17.39	17.76	0.37	3489.63
MW - 7	05/26/09	3507.08	17.45	17.88	0.43	3489.57
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	12/11/09	3507.08	18.17	18.41	0.24	3488.87
MW - 7	12/16/09	3507.08	18.15	18.40	0.25	3488.89
MW - 7	12/21/09	3507.08	18.18	18.44	0.26	3488.86
MW - 7	12/28/09	3507.08	18.14	18.33	0.19	3488.91
MW - 7	01/04/10	3507.08	18.13	18.42	0.29	3488.91
MW - 7	01/14/10	3507.08	18.13	18.45	0.32	3488.90
MW - 7	01/20/10	3507.08	18.02	18.44	0.42	3489.00
MW - 7	01/25/10	3507.08	18.16	18.31	0.15	3488.90
MW - 7	01/27/10	3507.08	18.03	18.16	0.13	3489.03
MW - 7	02/01/10	3507.08	18.00	18.17	0.17	3489.05
MW - 7	02/08/10	3507.08	17.98	18.15	0.17	3489.07
MW - 7	02/08/10	3507.08	sheen	18.52	0.00	3488.56
MW - 7	02/09/10	3507.08	18.05	18.20	0.15	3489.01
MW - 7	02/19/10	3507.08	17.92	18.26	0.34	3489.11
MW - 7	02/26/10	3507.08	17.95	18.12	0.17	3489.10
MW - 7	03/01/10	3507.08	18.19	18.30	0.11	3488.87
MW - 7	03/04/10	3507.08	17.89	18.01	0.12	3489.17
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	12/09/10	3507.08	17.41	17.66	0.25	3489.63
MW - 7	01/18/11	3507.08	17.66	18.06	0.40	3489.36
MW - 7	02/16/11	3507.08	17.65	18.10	0.45	3489.36
MW - 7	03/01/11	3507.08	17.50	18.00	0.50	3489.51
MW - 7	03/07/11	3507.08	17.48	18.31	0.83	3489.48
MW - 7	03/22/11	3507.08	17.61	18.11	0.50	3489.40
MW - 7	04/27/11	3507.08	17.41	18.31	0.90	3489.54
MW - 7	05/05/11	3507.08	17.62	18.13	0.51	3489.38
MW - 7	05/10/11	3507.08	17.61	18.29	0.68	3489.37
MW - 7	05/17/11	3507.08	17.60	18.21	0.61	3489.39
MW - 7	05/19/11	3507.08	17.60	18.21	0.61	3489.39
MW - 7	05/24/11	3507.08	17.75	18.48	0.73	3489.22
MW - 7	06/07/11	3507.08	17.82	18.41	0.59	3489.17
MW - 7	06/08/11	3507.08	17.89	18.40	0.51	3489.11
MW - 7	06/14/11	3507.08	17.86	18.45	0.59	3489.13
MW - 7	06/23/11	3507.08	17.80	18.30	0.50	3489.21
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	02/07/13	3507.08	18.13	18.89	0.76	3488.84
MW - 7	02/13/13	3507.08	18.11	18.60	0.49	3488.90
MW - 7	02/20/13	3507.08	18.50	19.19	0.69	3488.48
MW - 7	03/15/13	3507.08	18.11	18.63	0.52	3488.89
MW - 7	03/19/13	3507.08	18.05	18.83	0.78	3488.91
MW - 7	04/02/13	3507.08	18.02	18.61	0.59	3488.97
MW - 7	04/09/13	3507.08	18.00	18.54	0.54	3489.00
MW - 7	04/16/13	3507.08	17.99	18.51	0.52	3489.01
MW - 7	04/23/13	3507.08	18.01	18.46	0.45	3489.00
MW - 7	04/30/13	3507.08	17.96	18.84	0.88	3488.99
MW - 7	05/08/13	3507.08	17.99	18.45	0.46	3489.02
MW - 7	05/14/13	3507.08	17.96	18.29	0.33	3489.07
MW - 7	05/22/13	3507.08	17.95	18.33	0.38	3489.07
MW - 7	05/28/13	3507.08	17.96	18.38	0.42	3489.06
MW - 7	06/04/13	3507.08	17.98	18.37	0.39	3489.04
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	06/16/14	3511.57	21.79	22.22	0.43	3489.72
MW - 7	06/24/14	3511.57	21.90	22.28	0.38	3489.61
MW - 7	07/01/14	3511.57	21.96	22.35	0.39	3489.55
MW - 7	07/08/14	3511.57	22.08	22.15	0.07	3489.48
MW - 7	07/15/14	3511.57	22.05	22.30	0.25	3489.48
MW - 7	07/22/14	3511.57	22.13	22.85	0.72	3489.33
MW - 7	07/23/14	3511.57	22.13	22.85	0.72	3489.33
MW - 7	07/31/14	3511.57	22.17	22.52	0.35	3489.35
MW - 7	08/05/14	3511.57	22.22	22.35	0.13	3489.33
MW - 7	08/07/14	3511.57	22.22	22.50	0.28	3489.31
MW - 7	08/15/14	3511.57	22.22	22.85	0.63	3489.26
MW - 7	08/20/14	3511.57	22.23	22.44	0.21	3489.31
MW - 7	08/27/14	3511.57	22.26	22.49	0.23	3489.28
MW - 7	09/24/14	3511.57	21.68	21.95	0.27	3489.85
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	07/08/15	3511.57	20.93	21.16	0.23	3490.61
MW - 7	07/09/15	3511.57	20.93	21.07	0.14	3490.62
MW - 7	07/14/15	3511.57	20.97	21.18	0.21	3490.57
MW - 7	07/20/15	3511.57	21.04	21.22	0.18	3490.50
MW - 7	07/28/15	3511.57	21.12	21.35	0.23	3490.42
MW - 7	08/03/15	3511.57	21.18	21.43	0.25	3490.35
MW - 7	08/04/15	3511.57	21.21	21.46	0.25	3490.32
MW - 7	08/10/15	3511.57	21.27	21.43	0.16	3490.28
MW - 7	08/17/15	3511.57	21.30	21.52	0.22	3490.24
MW - 7	08/25/15	3511.57	21.33	21.54	0.21	3490.21
MW - 7	08/31/15	3511.57	21.36	21.58	0.22	3490.18
MW - 7	09/08/15	3511.57	21.35	21.66	0.31	3490.17
MW - 7	09/15/15	3511.57	21.37	21.69	0.32	3490.15
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	08/16/16	3511.57	21.49	22.00	0.51	3490.00
MW - 7	08/23/16	3511.57	21.51	21.98	0.47	3489.99
MW - 7	08/31/16	3511.57	21.34	21.71	0.37	3490.17
MW - 7	09/14/16	3511.57	20.68	20.96	0.28	3490.85
MW - 7	09/22/16	3511.57	20.49	20.77	0.28	3491.04
MW - 7	09/27/16	3511.57	20.41	20.71	0.30	3491.12
MW - 7	10/07/16	3511.57	20.39	20.63	0.24	3491.14
MW - 7	10/21/16	3511.57	20.36	20.58	0.22	3491.18
MW - 7	10/28/16	3511.57	20.38	20.67	0.29	3491.15
MW - 7	11/04/16	3511.57	20.41	20.55	0.14	3491.14
MW - 7	11/09/16	3511.57	20.41	20.65	0.24	3491.12
MW - 7	12/06/16	3511.57	20.39	20.42	0.03	3491.18
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	12/08/17	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
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	03/06/19	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	11/23/20	3511.57	21.70	22.15	0.45	3489.80
MW - 7	12/10/20	3511.57	21.70	22.02	0.32	3489.82
MW - 7	12/31/20	3511.57	21.67	22.10	0.43	3489.84
MW - 7	01/13/21	3511.57	21.64	22.04	0.40	3489.87
MW - 7	01/22/21	3511.57	21.65	22.05	0.40	3489.86
MW - 7	02/11/21	3511.57	21.60	22.02	0.42	3489.91
MW - 7	03/12/21	3511.57	21.53	21.95	0.42	3489.98
MW - 7	04/21/21	3511.57	21.48	21.90	0.42	3490.03
MW - 7	04/28/21	3511.57	21.46	22.11	0.65	3490.01
MW - 7	05/20/21	3511.57	21.35	21.80	0.45	3490.15
MW - 7	06/11/21	3511.57	21.48	22.05	0.57	3490.00
MW - 7	07/31/21	3511.57	21.50	22.58	1.08	3489.91
MW - 7	08/31/21	3511.57	21.80	22.59	0.79	3489.65
MW - 7	09/23/21	3511.57	21.82	22.22	0.40	3489.69
MW - 7	10/14/21	3511.57	21.84	22.20	0.36	3489.68
MW - 7	11/22/21	3511.57	21.93	22.60	0.67	3489.54
MW - 7	12/07/21	3511.57	21.93	22.20	0.27	3489.60
MW - 7	01/19/22	3511.57	21.95	22.32	0.37	3489.56
MW - 7	02/23/22	3511.57	21.80	22.03	0.23	3489.74
MW - 7	03/15/22	3511.57	21.76	21.97	0.21	3489.78
MW - 7	03/30/22	3511.57	21.79	21.99	0.20	3489.75
MW - 7	04/13/22	3511.57	21.80	21.90	0.10	3489.76
MW - 7	04/20/22	3511.57	21.77	21.92	0.15	3489.78
MW - 7	05/11/22	3511.57	21.84	22.20	0.36	3489.68
MW - 7	05/31/22	3511.57	22.00	23.21	1.21	3489.39
MW - 7	06/27/22	3511.57	22.06	23.04	0.98	3489.36
MW - 7	07/25/22	3511.57	22.20	23.20	1.00	3489.22
MW - 7	08/16/22	3511.57	22.30	22.96	0.66	3489.17
MW - 7	09/08/22	3511.57	22.38	22.78	0.40	3489.13
MW - 7	11/10/22	3511.57	22.10	22.13	0.03	3489.47
MW - 7	01/17/23	3511.57	-	21.88	0.00	3489.69
MW - 7	02/08/23	3511.57	-	21.90	0.00	3489.67
MW - 7	02/28/23	3511.57	-	21.88	0.00	3489.69
MW - 7	04/13/23	3511.57	-	21.70	0.00	3489.87
MW - 7	05/11/23	3511.57	-	21.64	0.00	3489.93
MW - 7	08/17/23	3511.57	-	22.29	0.00	3489.28
MW - 7	12/14/23	3511.57	-	22.96	0.00	3488.61
MW - 8	11/11/03	3506.39	20.25	20.39	0.14	3486.12
MW - 8	11/18/03	3506.39	19.95	20.09	0.14	3486.42
MW - 8	12/10/03	3506.39	19.83	20.09	0.26	3486.52
MW - 8	06/20/02	3506.39	18.31	18.99	0.68	3487.98
MW - 8	09/26/02	3506.39	18.58	19.83	1.25	3487.62
MW - 8	11/12/02	3506.39	18.67	19.63	0.96	3487.58
MW - 8	01/07/03	3506.39	18.40	19.36	0.96	3487.85
MW - 8	01/27/03	3506.39	18.46	18.93	0.47	3487.86
MW - 8	02/26/03	3506.39	18.27	19.12	0.85	3487.99
MW - 8	03/11/03	3506.39	18.37	18.61	0.24	3487.98
MW - 8	03/19/03	3506.39	18.39	18.58	0.19	3487.97
MW - 8	03/25/03	3506.39	18.34	18.53	0.19	3488.02
MW - 8	04/16/03	3506.39	18.32	18.48	0.16	3488.05
MW - 8	04/23/03	3506.39	18.28	18.77	0.49	3488.04
MW - 8	04/29/03	3506.39	18.26	18.78	0.52	3488.05
MW - 8	05/14/03	3506.39	18.37	19.02	0.65	3487.92
MW - 8	05/20/03	3506.39	18.56	19.20	0.64	3487.73

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	05/27/03	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 8	12/14/04	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	10/03/05	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			
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	01/02/07	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	04/07/08	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	05/12/09	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
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	03/04/10	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 8	06/28/11	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 8	06/19/13	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	10/14/14	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	10/26/15	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
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	01/11/17	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	04/02/18	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
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	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 - 8	01/13/21	3511.82	22.23	22.40	0.17	3489.56
MW - 8	02/11/21	3511.82	22.21	22.35	0.14	3489.59
MW - 8	04/21/21	3511.82	22.11	22.30	0.19	3489.68
MW - 8	06/11/21	3511.82	22.10	22.35	0.25	3489.68
MW - 8	09/23/21	3511.82	22.40	22.64	0.24	3489.38
MW - 8	10/14/21	3511.82	22.45	22.65	0.20	3489.34
MW - 8	12/07/21	3511.82	22.49	22.78	0.29	3489.29
MW - 8	03/15/22	3511.82	22.38	22.81	0.43	3489.38
MW - 8	04/20/22	3511.82	22.38	22.85	0.47	3489.37
MW - 8	05/11/22	3511.82	22.43	22.80	0.37	3489.33
MW - 8	08/16/22	3511.82	22.83	23.25	0.42	3488.93
MW - 8	11/08/22	3511.82	22.70	23.00	0.30	3489.08
MW - 8	02/28/23	3511.82	22.35	22.72	0.37	3489.41
MW - 8	05/11/23	3511.82	22.20	22.56	0.36	3489.57
MW - 8	08/16/23	3511.82	22.80	23.34	0.54	3488.94
MW - 8	12/14/23	3511.82	22.55	22.89	0.34	3489.22
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	09/24/03	3509.36	-	22.40	0.00	3486.96
MW - 9	10/02/03	3509.36	-	22.25	0.00	3487.11
MW - 9	10/08/03	3509.36	-	22.14	0.00	3487.22
MW - 9	10/16/03	3509.36	-	22.44	0.00	3486.92
MW - 9	10/28/03	3509.36	-	22.51	0.00	3486.85
MW - 9	11/11/03	3509.36	-	22.53	0.00	3486.83
MW - 9	11/18/03	3509.36	-	22.28	0.00	3487.08
MW - 9	12/10/03	3509.36	sheen	22.18	0.00	3487.18
MW - 9	02/02/04	3509.36	-	22.76	0.00	3486.60
MW - 9	02/11/04	3509.36	-	21.96	0.00	3487.40
MW - 9	02/26/04	3509.36	-	22.02	0.00	3487.34
MW - 9	03/16/04	3509.36	-	22.23	0.00	3487.13
MW - 9	03/19/04	3509.36	-	22.19	0.00	3487.17
MW - 9	03/25/04	3509.36	-	22.17	0.00	3487.19
MW - 9	04/01/04	3509.36	-	22.13	0.00	3487.23
MW - 9	04/08/04	3509.36	-	22.10	0.00	3487.26
MW - 9	04/14/04	3509.36	-	21.49	0.00	3487.87
MW - 9	04/16/04	3509.36	-	21.56	0.00	3487.80
MW - 9	04/22/04	3509.36	-	20.74	0.00	3488.62
MW - 9	04/29/04	3509.36	-	20.74	0.00	3488.62
MW - 9	05/11/04	3509.36	-	20.80	0.00	3488.56
MW - 9	06/08/04	3509.36	-	20.90	0.00	3488.46
MW - 9	06/17/04	3509.36	-	20.84	0.00	3488.52
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	01/28/05	3509.36	sheen	20.03	0.00	3489.33
MW - 9	02/02/05	3509.36	sheen	20.03	0.00	3489.33
MW - 9	02/05/05	3509.36	sheen	20.00	0.00	3489.36
MW - 9	02/08/05	3509.36	sheen	19.99	0.00	3489.37
MW - 9	02/11/05	3509.36	sheen	20.02	0.00	3489.34
MW - 9	02/15/05	3509.36	sheen	19.95	0.00	3489.41
MW - 9	02/18/05	3509.36	sheen	19.94	0.00	3489.42
MW - 9	02/22/05	3509.36	sheen	19.91	0.00	3489.45
MW - 9	02/25/05	3509.36	sheen	19.92	0.00	3489.44
MW - 9	03/01/05	3509.36	sheen	19.86	0.00	3489.50
MW - 9	03/04/05	3509.36	sheen	19.85	0.00	3489.51
MW - 9	03/08/05	3509.36	sheen	19.84	0.00	3489.52
MW - 9	03/08/05	3509.36	sheen	19.84	0.00	3489.52
MW - 9	03/11/05	3509.36	sheen	19.87	0.00	3489.49
MW - 9	03/15/05	3509.36	sheen	19.79	0.00	3489.57
MW - 9	03/18/05	3509.36	sheen	19.80	0.00	3489.56
MW - 9	03/22/05	3509.36	sheen	19.80	0.00	3489.56
MW - 9	03/28/05	3509.36	sheen	19.65	0.00	3489.71
MW - 9	04/01/05	3509.36	sheen	19.66	0.00	3489.70
MW - 9	04/05/05	3509.36	sheen	19.63	0.00	3489.73
MW - 9	04/08/05	3509.36	sheen	19.63	0.00	3489.73
MW - 9	04/12/05	3509.36	sheen	19.61	0.00	3489.75
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	11/15/05	3509.36	sheen	19.48	0.00	3489.88
MW - 9	11/22/05	3509.36	sheen	19.44	0.00	3489.92
MW - 9	11/27/05	3509.36	19.41	19.42	0.01	3489.95
MW - 9	12/07/05	3509.36	sheen	19.42	0.00	3489.94
MW - 9	12/12/05	3509.36	-	19.41	0.00	3489.95
MW - 9	12/16/05	3509.36	sheen	19.40	0.00	3489.96
MW - 9	12/22/05	3509.36	sheen	19.40	0.00	3489.96
MW - 9	12/27/05	3509.36	sheen	19.40	0.00	3489.96
MW - 9	01/03/06	3509.36	sheen	19.37	0.00	3489.99
MW - 9	01/09/06	3509.36	sheen	19.43	0.00	3489.93
MW - 9	01/16/06	3509.36	sheen	19.38	0.00	3489.98
MW - 9	01/23/06	3509.36	sheen	19.40	0.00	3489.96
MW - 9	01/30/06	3509.36	sheen	19.39	0.00	3489.97
MW - 9	02/06/06	3509.36	sheen	19.38	0.00	3489.98
MW - 9	02/14/06	3509.36	sheen	19.35	0.00	3490.01
MW - 9	02/21/06	3509.36	sheen	19.36	0.00	3490.00
MW - 9	03/01/06	3509.36	sheen	19.34	0.00	3490.02
MW - 9	03/06/06	3509.36	sheen	19.35	0.00	3490.01
MW - 9	03/15/06	3509.36	sheen	19.34	0.00	3490.02
MW - 9	03/16/06	3509.36	-	19.34	0.00	3490.02
MW - 9	03/21/06	3509.36	sheen	19.35	0.00	3490.01
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	08/11/10	3509.36	-	19.85	0.00	3489.51
MW - 9	08/19/10	3509.36	-	19.62	0.00	3489.74
MW - 9	11/11/10	3509.36	-	20.49	0.00	3488.87
MW - 9	02/16/11	3509.36	-	20.48	0.00	3488.88
MW - 9	03/01/11	3509.36	-	19.83	0.00	3489.53
MW - 9	03/07/11	3509.36	-	19.81	0.00	3489.55
MW - 9	04/27/11	3509.36	sheen	19.85	0.00	3489.51
MW - 9	05/19/11	3509.36	-	20.51	0.00	3488.85
MW - 9	06/08/11	3509.36	-	20.10	0.00	3489.26
MW - 9	07/06/11	3509.36	-	20.40	0.00	3488.96
MW - 9	08/10/11	3509.36	-	20.60	0.00	3488.76
MW - 9	11/14/11	3509.36	-	20.59	0.00	3488.77
MW - 9	02/29/12	3509.36	-	20.28	0.00	3489.08
MW - 9	05/02/12	3509.36	-	20.19	0.00	3489.17
MW - 9	02/04/14	3509.36	Plugged and Abandoned			
MW - 10	06/20/02	3509.92	-	21.40	0.00	3488.52
MW - 10	09/26/02	3509.92	21.84	21.95	0.11	3488.06
MW - 10	11/07/02	3509.92	21.77	21.84	0.07	3488.14
MW - 10	11/12/02	3509.91	21.75	21.81	0.06	3488.15
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	04/29/04	3509.91	21.11	21.12	0.01	3488.80
MW - 10	05/11/04	3509.91	-	21.17	0.00	3488.74
MW - 10	06/08/04	3509.91	21.24	21.25	0.01	3488.67
MW - 10	06/17/04	3509.91	21.20	22.22	1.02	3488.56
MW - 10	06/22/04	3509.91	21.24	22.18	0.94	3488.53
MW - 10	06/29/04	3509.91	21.23	22.10	0.87	3488.55
MW - 10	07/06/04	3509.91	21.24	21.26	0.02	3488.67
MW - 10	07/13/04	3509.91	21.28	21.29	0.01	3488.63
MW - 10	07/20/04	3509.91	21.43	21.44	0.01	3488.48
MW - 10	08/04/04	3509.91	21.45	21.46	0.01	3488.46
MW - 10	08/10/04	3509.91	21.46	21.47	0.01	3488.45
MW - 10	08/16/04	3509.91	21.60	21.80	0.20	3488.28
MW - 10	08/23/04	3509.91	21.48	21.58	0.10	3488.42
MW - 10	08/25/04	3509.91	21.50	21.55	0.05	3488.40
MW - 10	08/26/04	3509.91	21.51	21.64	0.13	3488.38
MW - 10	08/31/04	3509.91	21.58	21.78	0.20	3488.30
MW - 10	09/13/04	3509.91	21.69	21.96	0.27	3488.18
MW - 10	09/20/04	3509.91	21.76	21.95	0.19	3488.12
MW - 10	09/30/04	3509.91	21.83	21.91	0.08	3488.07
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	04/05/05	3509.91	sheen	19.97	0.00	3489.94
MW - 10	04/08/05	3509.91	sheen	19.99	0.00	3489.92
MW - 10	04/12/05	3509.91	sheen	19.95	0.00	3489.96
MW - 10	04/15/05	3509.91	sheen	19.94	0.00	3489.97
MW - 10	05/25/05	3509.91	sheen	19.79	0.00	3490.12
MW - 10	05/27/05	3509.91	sheen	19.77	0.00	3490.14
MW - 10	05/31/05	3509.91	sheen	19.73	0.00	3490.18
MW - 10	06/03/05	3509.91	sheen	19.72	0.00	3490.19
MW - 10	06/06/05	3509.91	sheen	19.70	0.00	3490.21
MW - 10	06/08/05	3509.91	sheen	19.70	0.00	3490.21
MW - 10	06/13/05	3509.91	sheen	19.70	0.00	3490.21
MW - 10	06/20/05	3509.91	sheen	19.74	0.00	3490.17
MW - 10	06/24/05	3509.91	sheen	19.75	0.00	3490.16
MW - 10	06/27/05	3509.91	sheen	19.80	0.00	3490.11
MW - 10	07/11/05	3509.91	sheen	19.97	0.00	3489.94
MW - 10	07/15/05	3509.91	sheen	20.02	0.00	3489.89
MW - 10	07/18/05	3509.91	sheen	20.06	0.00	3489.85
MW - 10	07/21/05	3509.91	sheen	20.06	0.00	3489.85
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	03/16/06	3509.91	19.70	19.71	0.01	3490.21
MW - 10	03/21/06	3509.91	sheen	19.72	0.00	3490.19
MW - 10	03/28/06	3509.91	sheen	19.73	0.00	3490.18
MW - 10	04/03/06	3509.91	sheen	19.65	0.00	3490.26
MW - 10	04/17/06	3509.91	sheen	19.62	0.00	3490.29
MW - 10	05/01/06	3509.91	sheen	19.64	0.00	3490.27
MW - 10	05/08/06	3509.91	sheen	19.66	0.00	3490.25
MW - 10	05/15/06	3509.91	sheen	19.75	0.00	3490.16
MW - 10	05/30/06	3509.91	sheen	19.98	0.00	3489.93
MW - 10	06/05/06	3509.91	20.07	20.67	0.60	3489.75
MW - 10	06/15/06	3509.91	20.22	20.31	0.09	3489.68
MW - 10	06/19/06	3509.91	sheen	20.29	0.00	3489.62
MW - 10	07/03/06	3509.91	sheen	20.41	0.00	3489.50
MW - 10	07/10/06	3509.91	20.41	20.46	0.05	3489.49
MW - 10	07/17/06	3509.91	20.26	20.39	0.13	3489.63
MW - 10	07/26/06	3509.91	20.31	20.36	0.05	3489.59
MW - 10	07/31/06	3509.91	20.39	20.48	0.09	3489.51
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	11/06/07	3509.91	sheen	20.11	0.00	3489.80
MW - 10	11/30/07	3509.91	sheen	20.10	0.00	3489.81
MW - 10	01/09/08	3509.91	sheen	19.96	0.00	3489.95
MW - 10	01/16/08	3509.91	sheen	19.91	0.00	3490.00
MW - 10	01/21/08	3509.91	sheen	19.97	0.00	3489.94
MW - 10	01/30/08	3509.91	sheen	19.94	0.00	3489.97
MW - 10	02/08/08	3509.91	sheen	19.95	0.00	3489.96
MW - 10	02/12/08	3509.91	-	19.93	0.00	3489.98
MW - 10	02/14/08	3509.91	sheen	19.96	0.00	3489.95
MW - 10	02/28/08	3509.91	sheen	19.93	0.00	3489.98
MW - 10	03/05/08	3509.91	sheen	19.94	0.00	3489.97
MW - 10	03/13/08	3509.91	sheen	19.91	0.00	3490.00
MW - 10	03/19/08	3509.91	sheen	19.92	0.00	3489.99
MW - 10	03/24/08	3509.91	sheen	19.88	0.00	3490.03
MW - 10	05/07/08	3509.91	sheen	19.88	0.00	3490.03
MW - 10	05/13/08	3509.91	sheen	19.88	0.00	3490.03
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	06/12/09	3509.91	-	20.31	0.00	3489.60
MW - 10	06/22/09	3509.91	-	20.41	0.00	3489.50
MW - 10	06/29/09	3509.91	-	20.52	0.00	3489.39
MW - 10	07/06/09	3509.91	-	20.61	0.00	3489.30
MW - 10	07/09/09	3509.91	-	20.11	0.00	3489.80
MW - 10	07/13/09	3509.91	-	20.13	0.00	3489.78
MW - 10	07/20/09	3509.91	-	21.14	0.00	3488.77
MW - 10	07/23/09	3509.91	-	20.69	0.00	3489.22
MW - 10	07/27/09	3509.91	-	20.71	0.00	3489.20
MW - 10	07/29/09	3509.91	-	20.65	0.00	3489.26
MW - 10	08/03/09	3509.91	-	20.57	0.00	3489.34
MW - 10	08/10/09	3509.91	-	20.69	0.00	3489.22
MW - 10	08/10/09	3509.91	-	20.69	0.00	3489.22
MW - 10	08/18/09	3509.91	-	20.80	0.00	3489.11
MW - 10	08/24/09	3509.91	-	20.84	0.00	3489.07
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	04/05/10	3509.91	sheen	20.42	0.00	3489.49
MW - 10	04/14/10	3509.91	sheen	20.39	0.00	3489.52
MW - 10	04/16/10	3509.91	-	20.92	0.00	3488.99
MW - 10	04/19/10	3509.91	sheen	20.42	0.00	3489.49
MW - 10	04/28/10	3509.91	sheen	20.34	0.00	3489.57
MW - 10	05/05/10	3509.91	-	20.82	0.00	3489.09
MW - 10	05/12/10	3509.91	sheen	20.37	0.00	3489.54
MW - 10	05/14/10	3509.91	sheen	20.37	0.00	3489.54
MW - 10	05/21/10	3509.91	sheen	20.38	0.00	3489.53
MW - 10	05/26/10	3509.91	sheen	20.33	0.00	3489.58
MW - 10	06/04/10	3509.91	sheen	20.40	0.00	3489.51
MW - 10	06/07/10	3509.91	sheen	20.52	0.00	3489.39
MW - 10	06/12/10	3509.91	sheen	20.56	0.00	3489.35
MW - 10	06/24/10	3509.91	sheen	20.68	0.00	3489.23
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	04/05/12	3509.91	-	20.55	0.00	3489.36
MW - 10	04/18/12	3509.91	-	20.52	0.00	3489.39
MW - 10	04/27/12	3509.91	-	20.55	0.00	3489.36
MW - 10	05/02/12	3509.91	-	20.59	0.00	3489.32
MW - 10	05/31/12	3509.91	-	20.55	0.00	3489.36
MW - 10	06/08/12	3509.91	-	19.61	0.00	3490.30
MW - 10	06/12/12	3509.91	-	20.66	0.00	3489.25
MW - 10	06/21/12	3509.91	-	20.65	0.00	3489.26
MW - 10	06/29/12	3509.91	-	20.75	0.00	3489.16
MW - 10	07/13/12	3509.91	-	20.93	0.00	3488.98
MW - 10	12/06/12	3509.91	-	21.17	0.00	3488.74
MW - 10	12/11/12	3509.91	-	21.17	0.00	3488.74
MW - 10	12/18/12	3509.91	-	21.16	0.00	3488.75
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	-

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	01/21/14	-	-	23.75	0.00	-
MW - 10	01/24/14	-	-	23.74	0.00	-
MW - 10	02/04/14	3513.79	-	23.70	0.00	3490.09
MW - 10	02/10/14	3513.79	-	23.71	0.00	3490.08
MW - 10	02/27/14	3513.79	-	23.67	0.00	3490.12
MW - 10	03/17/14	3513.79	-	23.59	0.00	3490.20
MW - 10	03/27/14	3513.79	-	23.58	0.00	3490.21
MW - 10	04/02/14	3513.79	-	23.60	0.00	3490.19
MW - 10	04/16/14	3513.79	-	23.53	0.00	3490.26
MW - 10	04/22/14	3513.79	-	23.52	0.00	3490.27
MW - 10	04/28/14	3513.79	-	23.55	0.00	3490.24
MW - 10	05/06/14	3513.79	-	23.46	0.00	3490.33
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	06/18/18	3513.79	-	22.91	0.00	3490.88
MW - 10	07/11/18	3513.79	-	23.12	0.00	3490.67
MW - 10	08/08/18	3513.79	-	23.31	0.00	3490.48
MW - 10	09/12/18	3513.79	-	23.37	0.00	3490.42
MW - 10	11/13/18	3513.79	-	23.06	0.00	3490.73
MW - 10	11/15/18	3513.79	-	23.06	0.00	3490.73
MW - 10	12/03/18	3513.79	-	21.63	0.00	3492.16
MW - 10	01/09/19	3513.79	-	22.83	0.00	3490.96
MW - 10	02/12/19	3513.79	-	22.79	0.00	3491.00
MW - 10	02/07/19	3513.79	-	26.84	0.00	3486.95
MW - 10	03/12/19	3513.79	-	22.71	0.00	3491.08
MW - 10	04/01/19	3513.79	-	22.64	0.00	3491.15
MW - 10	05/07/19	3513.79	-	22.58	0.00	3491.21
MW - 10	06/14/19	3513.79	-	22.86	0.00	3490.93
MW - 10	07/11/19	3513.79	-	23.18	0.00	3490.61
MW - 10	08/07/19	3513.79	-	23.37	0.00	3490.42
MW - 10	09/12/19	3513.79	-	23.54	0.00	3490.25
MW - 10	10/15/19	3513.79	-	23.35	0.00	3490.44
MW - 10	11/06/19	3513.79	-	23.24	0.00	3490.55
MW - 10	12/17/19	3513.79	-	23.04	0.00	3490.75
MW - 10	01/06/20	3513.79	-	22.97	0.00	3490.82
MW - 10	03/04/20	3513.79	-	22.87	0.00	3490.92
MW - 10	05/14/20	3513.79	-	22.62	0.00	3491.17
MW - 10	06/17/20	3513.79	-	23.12	0.00	3490.67
MW - 10	07/21/20	3513.79	-	23.45	0.00	3490.34
MW - 10	08/12/20	3513.79	-	23.56	0.00	3490.23
MW - 10	09/14/20	3513.79	-	23.69	0.00	3490.10
MW - 10	12/08/20	3513.79	-	23.76	0.00	3490.03
MW - 10	01/13/21	3513.79	-	23.70	0.00	3490.09
MW - 10	02/10/21	3513.79	-	23.62	0.00	3490.17
MW - 10	04/21/21	3513.79	-	23.50	0.00	3490.29
MW - 10	06/10/21	3513.79	-	23.55	0.00	3490.24
MW - 10	09/22/21	3513.79	-	23.87	0.00	3489.92
MW - 10	10/14/21	3513.79	-	23.90	0.00	3489.89
MW - 10	12/06/21	3513.79	-	23.93	0.00	3489.86
MW - 10	03/14/22	3513.79	-	23.80	0.00	3489.99
MW - 10	04/20/22	3513.79	-	23.80	0.00	3489.99
MW - 10	05/09/22	3513.79	-	23.92	0.00	3489.87
MW - 10	08/16/22	3513.79	-	24.40	0.00	3489.39
MW - 10	11/08/22	3513.79	-	24.11	0.00	3489.68
MW - 10	02/27/23	3513.79	-	23.78	0.00	3490.01
MW - 10	05/10/23	3513.79	-	23.59	0.00	3490.20
MW - 10	08/16/23	3513.79	-	24.36	0.00	3489.43
MW - 10	12/13/23	3513.79	-	23.99	0.00	3489.80
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	06/06/16	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
MW - 11	06/18/18	3512.89	-	21.91	0.00	3490.98
MW - 11	07/11/18	3512.89	-	22.13	0.00	3490.76
MW - 11	08/08/18	3512.89	-	22.34	0.00	3490.55
MW - 11	09/12/18	3512.89	-	22.32	0.00	3490.57
MW - 11	11/12/18	3512.89	-	22.02	0.00	3490.87
MW - 11	01/09/19	3512.89	-	21.82	0.00	3491.07
MW - 11	02/12/19	3512.89	-	21.76	0.00	3491.13
MW - 11	03/12/19	3512.89	-	21.68	0.00	3491.21
MW - 11	04/01/19	3512.89	-	21.62	0.00	3491.27
MW - 11	05/07/19	3512.89	-	21.56	0.00	3491.33
MW - 11	06/14/19	3512.89	-	21.85	0.00	3491.04
MW - 11	07/11/19	3512.89	-	22.18	0.00	3490.71
MW - 11	08/07/19	3512.89	-	22.40	0.00	3490.49
MW - 11	09/12/19	3512.89	-	22.55	0.00	3490.34
MW - 11	10/15/19	3512.89	-	22.34	0.00	3490.55
MW - 11	11/05/19	3512.89	-	22.24	0.00	3490.65
MW - 11	12/17/19	3512.89	-	22.00	0.00	3490.89
MW - 11	01/06/20	3512.89	-	21.95	0.00	3490.94
MW - 11	03/04/20	3512.89	-	21.82	0.00	3491.07
MW - 11	05/14/20	3512.89	-	21.63	0.00	3491.26
MW - 11	06/17/20	3512.89	-	22.16	0.00	3490.73
MW - 11	07/21/20	3512.89	-	22.46	0.00	3490.43
MW - 11	08/12/20	3512.89	-	22.57	0.00	3490.32
MW - 11	09/14/20	3512.89	-	22.69	0.00	3490.20
MW - 11	12/09/20	3512.89	-	22.74	0.00	3490.15
MW - 11	01/13/21	3512.89	-	22.68	0.00	3490.21
MW - 11	02/10/21	3512.89	-	22.59	0.00	3490.30
MW - 11	04/21/21	3512.89	-	22.48	0.00	3490.41
MW - 11	06/09/21	3512.89	-	22.52	0.00	3490.37
MW - 11	09/23/21	3512.89	-	22.88	0.00	3490.01
MW - 11	10/14/21	3512.89	-	22.91	0.00	3489.98
MW - 11	12/06/21	3512.89	-	22.90	0.00	3489.99
MW - 11	03/15/22	3512.89	-	22.77	0.00	3490.12

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 - 11	04/20/22	3512.89	-	22.74	0.00	3490.15
MW - 11	05/10/22	3512.89	-	22.90	0.00	3489.99
MW - 11	08/16/22	3512.89	-	23.38	0.00	3489.51
MW - 11	11/09/22	3512.89	-	23.10	0.00	3489.79
MW - 11	02/28/23	3512.89	-	22.71	0.00	3490.18
MW - 11	05/11/23	3512.89	-	22.56	0.00	3490.33
MW - 11	08/17/23	3512.89	-	23.44	0.00	3489.45
MW - 11	12/14/23	3512.89	-	22.96	0.00	3489.93
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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	11/06/19	3509.69	-	19.26	0.00	3490.43
MW - 12	12/17/19	3509.69	-	19.05	0.00	3490.64
MW - 12	01/06/20	3509.69	-	19.00	0.00	3490.69
MW - 12	03/04/20	3509.69	-	18.90	0.00	3490.79
MW - 12	05/14/20	3509.69	-	18.68	0.00	3491.01
MW - 12	06/17/20	3509.69	-	19.13	0.00	3490.56
MW - 12	07/21/20	3509.69	-	19.42	0.00	3490.27
MW - 12	08/12/20	3509.69	-	19.55	0.00	3490.14
MW - 12	09/14/20	3509.69	-	19.68	0.00	3490.01
MW - 12	12/09/20	3509.69	-	19.78	0.00	3489.91
MW - 12	02/10/21	3509.69	-	19.66	0.00	3490.03
MW - 12	04/21/21	3509.69	-	19.54	0.00	3490.15
MW - 12	06/09/21	3509.69	-	19.55	0.00	3490.14
MW - 12	09/22/21	3509.69	-	19.87	0.00	3489.82
MW - 12	10/14/21	3509.69	-	19.91	0.00	3489.78
MW - 12	12/06/21	3509.69	-	19.95	0.00	3489.74
MW - 12	03/15/22	3509.69	-	19.83	0.00	3489.86
MW - 12	04/20/22	3509.69	-	19.80	0.00	3489.89
MW - 12	05/09/22	3509.69	-	19.89	0.00	3489.80
MW - 12	08/16/22	3509.69	-	20.33	0.00	3489.36
MW - 12	11/09/22	3509.69	-	20.15	0.00	3489.54
MW - 12	02/27/23	3509.69	-	19.78	0.00	3489.91
MW - 12	05/10/23	3509.69	-	19.67	0.00	3490.02
MW - 12	08/16/23	3509.69	-	20.36	0.00	3489.33
MW - 12	12/13/23	3509.69	-	20.01	0.00	3489.68
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
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	05/21/18	3509.57	-	18.65	0.00	3490.92
MW - 13	06/18/18	3509.57	-	18.93	0.00	3490.64
MW - 13	07/11/18	3509.57	-	19.10	0.00	3490.47
MW - 13	08/08/18	3509.57	-	19.29	0.00	3490.28
MW - 13	11/12/18	3509.57	-	19.10	0.00	3490.47
MW - 13	01/09/19	3509.57	-	18.89	0.00	3490.68
MW - 13	02/12/19	3509.57	-	18.85	0.00	3490.72
MW - 13	03/12/19	3509.57	-	18.78	0.00	3490.79
MW - 13	04/01/19	3509.57	-	18.73	0.00	3490.84
MW - 13	05/07/19	3509.57	-	18.65	0.00	3490.92
MW - 13	06/14/19	3509.57	-	18.89	0.00	3490.68
MW - 13	07/11/19	3509.57	-	19.19	0.00	3490.38
MW - 13	08/07/19	3509.57	-	19.37	0.00	3490.20
MW - 13	09/12/19	3509.57	-	19.54	0.00	3490.03
MW - 13	10/15/19	3509.57	-	19.39	0.00	3490.18
MW - 13	11/06/19	3509.57	-	19.21	0.00	3490.36
MW - 13	12/17/19	3509.57	-	19.08	0.00	3490.49
MW - 13	01/06/20	3509.57	-	19.02	0.00	3490.55
MW - 13	03/04/20	3509.57	-	18.92	0.00	3490.65
MW - 13	05/14/20	3509.57	-	18.70	0.00	3490.87
MW - 13	06/17/20	3509.57	-	19.12	0.00	3490.45
MW - 13	07/21/20	3509.57	-	19.42	0.00	3490.15
MW - 13	08/12/20	3509.57	-	19.55	0.00	3490.02
MW - 13	09/14/20	3509.57	-	19.68	0.00	3489.89
MW - 13	12/09/20	3509.57	-	19.79	0.00	3489.78
MW - 13	01/13/21	3509.57	-	19.75	0.00	3489.82
MW - 13	02/10/21	3509.57	-	19.68	0.00	3489.89
MW - 13	04/21/21	3509.57	-	19.57	0.00	3490.00
MW - 13	06/09/21	3509.57	-	19.58	0.00	3489.99
MW - 13	09/22/21	3509.57	-	19.87	0.00	3489.70
MW - 13	10/14/21	3509.57	-	19.91	0.00	3489.66
MW - 13	12/06/21	3509.57	-	19.96	0.00	3489.61
MW - 13	03/14/22	3509.57	-	19.85	0.00	3489.72
MW - 13	04/20/22	3509.57	-	19.83	0.00	3489.74
MW - 13	05/09/22	3509.57	-	19.91	0.00	3489.66
MW - 13	08/16/22	3509.57	-	20.32	0.00	3489.25
MW - 13	11/09/22	3509.57	-	20.16	0.00	3489.41
MW - 13	02/27/23	3509.57	-	19.82	0.00	3489.75
MW - 13	05/10/23	3509.57	-	19.76	0.00	3489.81
MW - 13	08/16/23	3509.57	-	20.30	0.00	3489.27
MW - 13	12/13/23	3509.57	-	20.03	0.00	3489.54
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	05/27/03	3507.46	19.80	20.81	1.01	3487.51
MW - 14	06/04/03	3507.46	19.18	20.36	1.18	3488.10
MW - 14	06/26/03	3507.46	19.42	19.98	0.56	3487.96
MW - 14	07/07/03	3507.46	20.20	21.08	0.88	3487.13
MW - 14	07/30/03	3507.46	20.24	21.17	0.93	3487.08
MW - 14	08/06/03	3507.46	20.47	21.55	1.08	3486.83
MW - 14	08/21/03	3507.46	20.66	21.18	0.52	3486.72
MW - 14	08/26/03	3507.46	20.72	21.75	1.03	3486.59
MW - 14	09/08/03	3507.46	20.62	21.16	0.54	3486.76
MW - 14	09/15/03	3507.46	21.02	21.40	0.38	3486.38
MW - 14	09/24/03	3507.46	20.89	21.60	0.71	3486.46
MW - 14	10/02/03	3507.46	20.73	21.84	1.11	3486.56
MW - 14	10/08/03	3507.46	20.63	21.07	0.44	3486.76
MW - 14	10/16/03	3507.46	20.93	22.06	1.13	3486.36
MW - 14	10/28/03	3507.46	21.00	22.09	1.09	3486.30
MW - 14	11/11/03	3507.46	21.07	22.10	1.03	3486.24
MW - 14	11/18/03	3507.46	20.78	21.78	1.00	3486.53
MW - 14	12/10/03	3507.46	20.62	21.23	0.61	3486.75
MW - 14	02/02/04	3507.46	21.00	22.05	1.05	3486.30
MW - 14	02/26/04	3507.46	20.59	21.67	1.08	3486.71
MW - 14	03/16/04	3507.46	20.75	21.94	1.19	3486.53
MW - 14	03/19/04	3507.46	20.76	21.94	1.18	3486.52
MW - 14	03/25/04	3507.46	20.75	21.90	1.15	3486.54
MW - 14	04/01/04	3507.46	20.69	22.04	1.35	3486.57
MW - 14	04/08/04	3507.46	20.70	21.84	1.14	3486.59
MW - 14	04/14/04	3507.46	19.91	21.78	1.87	3487.27
MW - 14	04/16/04	3507.46	20.03	21.91	1.88	3487.15
MW - 14	04/22/04	3507.46	19.17	21.12	1.95	3488.00
MW - 14	04/29/04	3507.46	19.16	21.27	2.11	3487.98
MW - 14	05/11/04	3507.46	19.09	21.53	2.44	3488.00
MW - 14	06/08/04	3507.46	19.21	21.94	2.73	3487.84
MW - 14	06/17/04	3507.46	19.16	21.89	2.73	3487.89
MW - 14	06/22/04	3507.46	19.19	21.87	2.68	3487.87
MW - 14	06/29/04	3507.46	19.17	21.90	2.73	3487.88
MW - 14	07/06/04	3507.46	19.18	22.15	2.97	3487.83
MW - 14	07/13/04	3507.46	19.22	22.17	2.95	3487.80
MW - 14	07/20/04	3507.46	19.37	22.42	3.05	3487.63
MW - 14	08/04/04	3507.46	19.36	22.43	3.07	3487.64
MW - 14	08/10/04	3507.46	19.39	22.41	3.02	3487.62
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	12/02/04	3507.46	18.90	21.10	2.20	3488.23
MW - 14	12/14/04	3507.46	18.77	21.00	2.23	3488.36
MW - 14	12/21/04	3507.46	18.70	21.22	2.52	3488.38
MW - 14	12/29/04	3507.46	18.73	21.10	2.37	3488.37
MW - 14	01/11/05	3507.46	18.69	20.73	2.04	3488.46
MW - 14	01/14/05	3507.46	18.93	21.00	2.07	3488.22
MW - 14	01/18/05	3507.46	18.85	21.26	2.41	3488.25
MW - 14	01/21/05	3507.46	18.49	20.95	2.46	3488.60
MW - 14	01/25/05	3507.46	18.44	21.26	2.82	3488.60
MW - 14	01/28/05	3507.46	18.59	20.39	1.80	3488.60
MW - 14	02/02/05	3507.46	18.46	21.01	2.55	3488.62
MW - 14	02/05/05	3507.46	18.88	20.27	1.39	3488.37
MW - 14	02/08/05	3507.46	18.40	20.75	2.35	3488.71
MW - 14	02/11/05	3507.46	18.49	20.40	1.91	3488.68
MW - 14	02/15/05	3507.46	18.40	20.60	2.20	3488.73
MW - 14	02/18/05	3507.46	18.61	20.11	1.50	3488.63
MW - 14	02/22/05	3507.46	18.39	20.39	2.00	3488.77
MW - 14	02/25/05	3507.46	18.38	20.11	1.73	3488.82
MW - 14	03/01/05	3507.46	18.33	20.23	1.90	3488.85
MW - 14	03/04/05	3507.46	18.37	19.96	1.59	3488.85
MW - 14	03/08/05	3507.46	18.31	20.11	1.80	3488.88
MW - 14	03/08/05	3507.46	18.31	20.11	1.80	3488.88
MW - 14	03/11/05	3507.46	18.50	19.00	0.50	3488.89
MW - 14	03/15/05	3507.46	18.43	19.11	0.68	3488.93
MW - 14	03/18/05	3507.46	18.46	19.06	0.60	3488.91
MW - 14	03/22/05	3507.46	18.38	18.92	0.54	3489.00
MW - 14	03/28/05	3507.46	18.29	18.98	0.69	3489.07
MW - 14	04/01/05	3507.46	18.32	19.03	0.71	3489.03
MW - 14	04/05/05	3507.46	18.19	19.11	0.92	3489.13
MW - 14	04/08/05	3507.46	18.14	19.04	0.90	3489.19
MW - 14	04/15/05	3507.46	18.17	19.00	0.83	3489.17
MW - 14	05/25/05	3507.46	17.90	19.50	1.60	3489.32
MW - 14	05/27/05	3507.46	18.22	19.06	0.84	3489.11
MW - 14	05/31/05	3507.46	18.01	18.67	0.66	3489.35
MW - 14	06/03/05	3507.46	17.95	18.60	0.65	3489.41
MW - 14	06/06/05	3507.46	17.94	18.44	0.50	3489.45
MW - 14	06/08/05	3507.46	17.94	18.44	0.50	3489.45
MW - 14	06/13/05	3507.46	17.94	18.36	0.42	3489.46
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 14	09/19/05	3507.46	17.96	18.91	0.95	3489.36
MW - 14	09/27/05	3507.46	17.90	20.20	2.30	3489.22
MW - 14	10/03/05	3507.46	18.29	19.10	0.81	3489.05
MW - 14	10/08/05	3507.46	18.81	19.69	0.88	3488.52
MW - 14	10/10/05	3507.46	17.97	19.80	1.83	3489.22
MW - 14	10/17/05	3507.46	17.82	20.21	2.39	3489.28
MW - 14	10/24/05	3507.46	17.95	20.05	2.10	3489.20
MW - 14	10/31/05	3507.46	18.05	19.82	1.77	3489.14
MW - 14	11/15/05	3507.46	17.90	19.90	2.00	3489.26
MW - 14	11/22/05	3507.46	17.90	19.23	1.33	3489.36
MW - 14	11/27/05	3507.46	17.92	18.80	0.88	3489.41
MW - 14	12/07/05	3507.46	17.93	18.68	0.75	3489.42
MW - 14	12/12/05	3507.46	17.89	18.96	1.07	3489.41
MW - 14	12/16/05	3507.46	17.80	19.00	1.20	3489.48
MW - 14	12/22/05	3507.46	17.99	19.00	1.01	3489.32
MW - 14	12/27/05	3507.46	17.90	18.82	0.92	3489.42
MW - 14	01/03/06	3507.46	17.90	18.80	0.90	3489.43
MW - 14	01/09/06	3507.46	17.95	18.60	0.65	3489.41
MW - 14	01/16/06	3507.46	17.93	18.76	0.83	3489.41
MW - 14	01/23/06	3507.46	17.94	18.63	0.69	3489.42
MW - 14	01/30/06	3507.46	17.99	18.60	0.61	3489.38
MW - 14	02/06/06	3507.46	17.95	18.85	0.90	3489.38
MW - 14	02/14/06	3507.46	17.90	18.61	0.71	3489.45
MW - 14	02/21/06	3507.46	17.86	18.66	0.80	3489.48
MW - 14	03/01/06	3507.46	17.89	18.61	0.72	3489.46
MW - 14	03/06/06	3507.46	17.90	18.42	0.52	3489.48
MW - 14	03/16/06	3507.46	17.91	18.48	0.57	3489.46
MW - 14	03/17/06	3507.46	17.90	18.80	0.90	3489.43
MW - 14	03/21/06	3507.46	17.90	18.90	1.00	3489.41
MW - 14	03/28/06	3507.46	17.93	18.81	0.88	3489.40
MW - 14	04/03/06	3507.46	17.83	18.42	0.59	3489.54
MW - 14	04/10/06	3507.46	17.81	18.45	0.64	3489.55
MW - 14	04/17/06	3507.46	17.82	18.48	0.66	3489.54
MW - 14	05/01/06	3507.46	17.74	18.50	0.76	3489.61
MW - 14	05/08/06	3507.46	17.81	18.67	0.86	3489.52
MW - 14	05/15/06	3507.46	17.86	18.41	0.55	3489.52
MW - 14	05/30/06	3507.46	18.18	20.11	1.93	3488.99
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	10/17/06	3507.46	18.20	19.44	1.24	3489.07
MW - 14	10/23/06	3507.46	17.91	20.04	2.13	3489.23
MW - 14	10/30/06	3507.46	17.90	20.00	2.10	3489.25
MW - 14	11/06/06	3507.46	17.94	20.26	2.32	3489.17
MW - 14	11/12/06	3507.46	18.10	19.79	1.69	3489.11
MW - 14	11/20/06	3507.46	17.98	19.52	1.54	3489.25
MW - 14	11/27/06	3507.46	17.91	19.76	1.85	3489.27
MW - 14	11/30/06	3507.46	18.02	19.30	1.28	3489.25
MW - 14	12/04/06	3507.46	18.02	19.85	1.83	3489.17
MW - 14	12/12/06	3507.46	18.11	19.24	1.13	3489.18
MW - 14	12/18/06	3507.46	17.98	19.02	1.04	3489.32
MW - 14	01/02/07	3507.46	17.97	19.03	1.06	3489.33
MW - 14	01/11/07	3507.46	17.94	18.78	0.84	3489.39
MW - 14	01/18/07	3507.46	17.96	18.68	0.72	3489.39
MW - 14	01/22/07	3507.46	17.98	18.87	0.89	3489.35
MW - 14	02/05/07	3507.46	17.97	18.72	0.75	3489.38
MW - 14	02/12/07	3507.46	17.88	18.60	0.72	3489.47
MW - 14	02/19/07	3507.46	17.90	18.56	0.66	3489.46
MW - 14	02/27/07	3507.46	17.72	18.90	1.18	3489.56
MW - 14	03/05/07	3507.46	18.01	18.97	0.96	3489.31
MW - 14	03/12/07	3507.46	17.89	18.55	0.66	3489.47
MW - 14	03/19/07	3507.46	17.88	18.59	0.71	3489.47
MW - 14	04/02/07	3507.46	17.89	19.13	1.24	3489.38
MW - 14	04/09/07	3507.46	17.81	18.51	0.70	3489.55
MW - 14	05/01/07	3507.46	17.84	18.96	1.12	3489.45
MW - 14	05/12/07	3507.46	17.80	18.96	1.16	3489.49
MW - 14	05/17/07	3507.46	17.64	18.55	0.91	3489.68
MW - 14	05/21/07	3507.46	17.64	19.01	1.37	3489.61
MW - 14	05/22/07	3507.46	17.64	19.01	1.37	3489.61
MW - 14	06/01/07	3507.46	17.64	18.74	1.10	3489.66
MW - 14	06/06/07	3507.46	17.61	18.78	1.17	3489.67
MW - 14	06/11/07	3507.46	17.74	18.95	1.21	3489.54
MW - 14	06/19/07	3507.46	17.77	18.72	0.95	3489.55
MW - 14	06/25/07	3507.46	17.86	18.62	0.76	3489.49
MW - 14	07/03/07	3507.46	18.03	18.84	0.81	3489.31
MW - 14	07/11/07	3507.46	18.24	19.23	0.99	3489.07
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	01/16/08	3507.46	18.10	18.88	0.78	3489.24
MW - 14	01/30/08	3507.46	18.01	18.90	0.89	3489.32
MW - 14	02/08/08	3507.46	18.13	19.06	0.93	3489.19
MW - 14	02/12/08	3507.46	18.05	18.72	0.67	3489.31
MW - 14	02/14/08	3507.46	18.06	18.75	0.69	3489.30
MW - 14	02/20/08	3507.46	18.01	18.56	0.55	3489.37
MW - 14	02/28/08	3507.46	18.02	18.69	0.67	3489.34
MW - 14	03/05/08	3507.46	18.02	18.60	0.58	3489.35
MW - 14	03/13/08	3507.45	18.00	18.64	0.64	3489.35
MW - 14	03/19/08	3507.46	18.04	18.62	0.58	3489.33
MW - 14	03/24/08	3507.46	18.02	18.63	0.61	3489.35
MW - 14	04/02/08	3507.46	18.02	18.59	0.57	3489.35
MW - 14	04/07/08	3507.46	17.99	18.31	0.32	3489.42
MW - 14	04/14/08	3507.46	18.02	18.45	0.43	3489.38
MW - 14	04/23/08	3507.46	17.98	18.51	0.53	3489.40
MW - 14	05/07/08	3507.46	18.00	18.51	0.51	3489.38
MW - 14	05/13/08	3507.46	18.00	18.51	0.51	3489.38
MW - 14	05/14/08	3507.46	18.00	18.55	0.55	3489.38
MW - 14	05/19/08	3507.46	18.02	18.55	0.53	3489.36
MW - 14	06/09/08	3507.46	18.28	18.98	0.70	3489.08
MW - 14	06/16/08	3507.46	18.02	19.07	1.05	3489.28
MW - 14	06/23/08	3507.46	18.45	19.43	0.98	3488.86
MW - 14	06/30/08	3507.46	18.53	19.25	0.72	3488.82
MW - 14	07/14/08	3507.46	18.54	19.58	1.04	3488.76
MW - 14	07/22/08	3507.46	18.74	20.02	1.28	3488.53
MW - 14	07/29/08	3507.46	18.64	19.31	0.67	3488.72
MW - 14	08/04/08	3507.46	18.66	19.79	1.13	3488.63
MW - 14	08/11/08	3507.46	18.72	19.53	0.81	3488.62
MW - 14	08/14/08	3507.46	18.76	19.49	0.73	3488.59
MW - 14	08/18/08	3507.46	18.72	19.46	0.74	3488.63
MW - 14	08/28/08	3507.46	18.63	19.61	0.98	3488.68
MW - 14	09/02/08	3507.46	18.52	19.46	0.94	3488.80
MW - 14	9/17/008	3507.46	18.29	20.26	1.97	3488.87
MW - 14	09/29/08	3507.46	18.32	20.26	1.94	3488.85
MW - 14	10/06/08	3507.46	18.30	20.02	1.72	3488.90
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	03/05/09	3507.46	18.15	19.00	0.85	3489.18
MW - 14	03/09/09	3507.46	18.17	18.76	0.59	3489.20
MW - 14	03/16/09	3507.46	18.20	18.75	0.55	3489.18
MW - 14	03/19/09	3507.46	18.21	18.47	0.26	3489.21
MW - 14	03/25/09	3507.46	18.22	18.46	0.24	3489.20
MW - 14	03/30/09	3507.46	18.23	18.47	0.24	3489.19
MW - 14	04/13/09	3507.46	18.12	18.91	0.79	3489.22
MW - 14	04/16/09	3507.46	18.26	18.40	0.14	3489.18
MW - 14	04/21/09	3507.46	18.26	18.39	0.13	3489.18
MW - 14	04/27/09	3507.46	18.05	18.63	0.58	3489.32
MW - 14	04/30/09	3507.46	18.26	18.37	0.11	3489.18
MW - 14	05/06/09	3507.46	18.25	18.36	0.11	3489.19
MW - 14	05/12/09	3507.46	18.19	18.43	0.24	3489.23
MW - 14	05/19/09	3507.46	18.19	18.71	0.52	3489.19
MW - 14	05/19/09	3507.46	18.30	18.79	0.49	3489.09
MW - 14	06/01/09	3507.46	18.34	18.78	0.44	3489.05
MW - 14	06/05/09	3507.46	18.38	18.80	0.42	3489.02
MW - 14	06/12/09	3507.46	18.39	18.84	0.45	3489.00
MW - 14	06/15/09	3507.46	18.42	18.88	0.46	3488.97
MW - 14	06/22/09	3507.46	18.46	19.01	0.55	3488.92
MW - 14	06/24/09	3507.46	18.50	18.89	0.39	3488.90
MW - 14	06/29/09	3507.46	18.62	19.14	0.52	3488.76
MW - 14	07/06/09	3507.46	18.64	19.20	0.56	3488.74
MW - 14	07/09/09	3507.46	18.21	18.71	0.50	3489.18
MW - 14	07/13/09	3507.46	18.22	18.69	0.47	3489.17
MW - 14	07/20/09	3507.46	18.23	18.70	0.47	3489.16
MW - 14	07/23/09	3507.46	18.75	19.23	0.48	3488.64
MW - 14	07/27/09	3507.46	18.76	19.22	0.46	3488.63
MW - 14	07/29/09	3507.46	18.69	19.90	1.21	3488.59
MW - 14	08/03/09	3507.46	18.68	19.76	1.08	3488.62
MW - 14	08/10/09	3507.46	18.67	19.76	1.09	3488.63
MW - 14	08/10/09	3507.46	18.67	19.76	1.09	3488.63
MW - 14	08/18/09	3507.46	18.80	20.00	1.20	3488.48
MW - 14	08/24/09	3507.46	18.79	20.05	1.26	3488.48
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	12/21/09	3507.46	19.10	20.11	1.01	3488.21
MW - 14	12/28/09	3507.46	18.92	19.37	0.45	3488.47
MW - 14	01/04/10	3507.46	18.94	19.69	0.75	3488.41
MW - 14	01/14/10	3507.46	18.88	19.70	0.82	3488.46
MW - 14	01/20/10	3507.46	18.85	19.66	0.81	3488.49
MW - 14	01/25/10	3507.46	18.84	19.20	0.36	3488.57
MW - 14	01/27/10	3507.46	18.85	19.47	0.62	3488.52
MW - 14	02/01/10	3507.46	18.86	19.33	0.47	3488.53
MW - 14	02/08/10	3507.46	18.79	19.21	0.42	3488.61
MW - 14	02/08/10	3507.46	sheen	19.97	0.00	3487.49
MW - 14	02/09/10	3507.46	18.89	19.24	0.35	3488.52
MW - 14	02/19/10	3507.46	18.72	19.23	0.51	3488.66
MW - 14	02/26/10	3507.46	18.79	19.22	0.43	3488.61
MW - 14	03/01/10	3507.46	18.82	19.19	0.37	3488.58
MW - 14	03/04/10	3507.46	18.72	19.13	0.41	3488.68
MW - 14	03/08/10	3507.46	18.72	19.05	0.33	3488.69
MW - 14	03/11/10	3507.46	18.69	18.96	0.27	3488.73
MW - 14	03/15/10	3507.46	18.72	19.16	0.44	3488.67
MW - 14	03/17/10	3507.46	18.66	18.92	0.26	3488.76
MW - 14	03/22/10	3507.46	18.68	18.89	0.21	3488.75
MW - 14	03/29/10	3507.46	18.58	18.90	0.32	3488.83
MW - 14	04/05/10	3507.46	18.58	19.03	0.45	3488.81
MW - 14	04/14/10	3507.46	18.58	18.96	0.38	3488.82
MW - 14	04/16/10	3507.46	18.51	18.93	0.42	3488.89
MW - 14	04/19/10	3507.46	18.55	18.90	0.35	3488.86
MW - 14	04/28/10	3507.46	18.48	18.79	0.31	3488.93
MW - 14	05/05/10	3507.46	18.43	18.75	0.32	3488.98
MW - 14	05/12/10	3507.46	18.51	18.84	0.33	3488.90
MW - 14	05/14/10	3507.46	18.51	18.84	0.33	3488.90
MW - 14	05/21/10	3507.46	18.53	18.82	0.29	3488.89
MW - 14	05/26/10	3507.46	18.49	18.85	0.36	3488.92
MW - 14	06/04/10	3507.46	18.55	18.81	0.26	3488.87
MW - 14	06/07/10	3507.46	18.66	19.15	0.49	3488.73
MW - 14	06/12/10	3507.46	18.69	19.25	0.56	3488.69
MW - 14	06/24/10	3507.46	18.92	19.61	0.69	3488.44
MW - 14	06/30/10	3507.46	18.87	19.40	0.53	3488.51
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	03/22/11	3507.46	18.44	19.65	1.21	3488.84
MW - 14	04/27/11	3507.46	18.31	19.84	1.53	3488.92
MW - 14	05/05/11	3507.46	18.42	19.40	0.98	3488.89
MW - 14	05/10/11	3507.46	18.38	19.25	0.87	3488.95
MW - 14	05/17/11	3507.46	18.35	19.41	1.06	3488.95
MW - 14	05/19/11	3507.46	18.35	19.41	1.06	3488.95
MW - 14	05/24/11	3507.46	18.44	19.48	1.04	3488.86
MW - 14	06/07/11	3507.46	18.63	19.87	1.24	3488.64
MW - 14	06/08/11	3507.46	18.62	19.79	1.17	3488.66
MW - 14	06/14/11	3507.46	18.59	19.60	1.01	3488.72
MW - 14	06/23/11	3507.46	18.68	19.62	0.94	3488.64
MW - 14	06/28/11	3507.46	18.78	19.86	1.08	3488.52
MW - 14	07/06/11	3507.46	18.84	20.01	1.17	3488.44
MW - 14	07/14/11	3507.46	18.91	19.82	0.91	3488.41
MW - 14	07/20/11	3507.46	18.98	19.85	0.87	3488.35
MW - 14	07/27/11	3507.46	18.98	19.73	0.75	3488.37
MW - 14	08/03/11	3507.46	19.00	19.71	0.71	3488.35
MW - 14	08/10/11	3507.46	19.02	19.58	0.56	3488.36
MW - 14	08/18/11	3507.46	19.02	19.75	0.73	3488.33
MW - 14	08/25/11	3507.46	19.10	19.82	0.72	3488.25
MW - 14	09/07/11	3507.46	19.16	19.90	0.74	3488.19
MW - 14	09/14/11	3507.46	19.19	19.94	0.75	3488.16
MW - 14	11/14/11	3507.46	19.08	20.00	0.92	3488.24
MW - 14	12/01/11	3507.46	19.04	20.26	1.22	3488.24
MW - 14	12/08/11	3507.46	19.01	20.01	1.00	3488.30
MW - 14	12/14/11	3507.46	19.03	20.02	0.99	3488.28
MW - 14	01/12/12	3507.46	19.00	19.90	0.90	3488.33
MW - 14	01/19/12	3507.46	18.93	19.82	0.89	3488.40
MW - 14	02/03/12	3507.46	18.91	19.85	0.94	3488.41
MW - 14	02/29/12	3507.46	18.79	19.83	1.04	3488.51
MW - 14	03/14/12	3507.46	18.76	19.71	0.95	3488.56
MW - 14	03/19/12	3507.46	18.77	19.46	0.69	3488.59
MW - 14	03/29/12	3507.46	18.73	19.43	0.70	3488.63
MW - 14	04/05/12	3507.46	18.71	19.42	0.71	3488.64
MW - 14	04/18/12	3507.46	18.67	19.36	0.69	3488.69
MW - 14	04/27/12	3507.46	18.71	19.42	0.71	3488.64
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	04/23/13	3507.46	19.65	19.71	0.06	3487.80
MW - 14	04/30/13	3507.46	19.60	20.60	1.00	3487.71
MW - 14	05/08/13	3507.46	19.61	19.70	0.09	3487.84
MW - 14	05/14/13	3507.46	19.60	19.86	0.26	3487.82
MW - 14	05/22/13	3507.46	19.57	19.76	0.19	3487.86
MW - 14	06/04/13	3507.46	19.58	19.83	0.25	3487.84
MW - 14	06/11/13	3507.46	19.67	19.76	0.09	3487.78
MW - 14	06/19/13	3507.46	19.77	19.84	0.07	3487.68
MW - 14	06/28/13	3507.46	19.94	20.06	0.12	3487.50
MW - 14	07/01/13	3507.46	19.87	19.99	0.12	3487.57
MW - 14	07/08/13	3507.46	19.98	20.10	0.12	3487.46
MW - 14	07/23/13	3507.46	19.99	20.18	0.19	3487.44
MW - 14	07/30/13	3507.46	19.95	20.17	0.22	3487.48
MW - 14	08/05/13	3507.46	19.97	20.15	0.18	3487.46
MW - 14	08/12/13	3507.46	19.92	20.18	0.26	3487.50
MW - 14	08/22/13	3507.46	20.06	20.45	0.39	3487.34
MW - 14	08/29/13	3507.46	20.05	20.47	0.42	3487.35
MW - 14	09/05/13	3507.46	20.07	20.43	0.36	3487.34
MW - 14	09/10/13	3507.46	20.13	20.48	0.35	3487.28
MW - 14	09/17/13	3507.46	20.16	20.54	0.38	3487.24
MW - 14	09/24/13	3507.46	20.16	20.54	0.38	3487.24
MW - 14	10/07/13	3507.46	20.22	20.63	0.41	3487.18
MW - 14	11/14/13	-	22.85	23.12	0.27	-
MW - 14	11/21/13	-	22.81	23.23	0.42	-
MW - 14	12/12/13	-	22.71	23.13	0.42	-
MW - 14	12/19/13	-	22.70	22.93	0.23	-
MW - 14	01/03/14	-	22.63	23.14	0.51	-
MW - 14	01/09/14	-	22.64	23.07	0.43	-
MW - 14	01/13/14	-	22.67	23.15	0.48	-
MW - 14	01/21/14	-	22.61	23.03	0.42	-
MW - 14	01/24/14	-	22.64	23.11	0.47	-
MW - 14	02/04/14	3511.85	22.57	22.98	0.41	3489.22
MW - 14	02/10/14	3511.85	22.42	23.24	0.82	3489.31
MW - 14	02/27/14	3511.85	22.51	22.90	0.39	3489.28
MW - 14	03/17/14	3511.85	22.50	22.88	0.38	3489.29
MW - 14	03/27/14	3511.85	22.48	23.40	0.92	3489.23
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	08/20/14	3511.85	23.07	23.67	0.60	3488.69
MW - 14	08/27/14	3511.85	23.10	24.20	1.10	3488.59
MW - 14	09/24/14	3511.85	22.38	22.65	0.27	3489.43
MW - 14	10/01/14	3511.85	21.97	22.31	0.34	3489.83
MW - 14	10/07/14	3511.85	21.91	22.02	0.11	3489.92
MW - 14	10/14/14	3511.85	21.88	22.07	0.19	3489.94
MW - 14	10/20/14	3511.85	21.87	22.16	0.29	3489.94
MW - 14	10/27/14	3511.85	21.85	21.92	0.07	3489.99
MW - 14	11/11/14	3511.85	22.12	22.98	0.86	-
MW - 14	11/19/14	3511.85	21.83	23.79	1.96	3489.73
MW - 14	12/08/14	3511.85	21.89	22.40	0.51	3489.88
MW - 14	12/15/14	3511.85	21.89	22.04	0.15	3489.94
MW - 14	12/18/14	3511.85	21.88	21.95	0.07	3489.96
MW - 14	12/22/14	3511.85	21.82	21.95	0.13	3490.01
MW - 14	12/29/14	3511.85	21.89	21.96	0.07	3489.95
MW - 14	01/05/15	3511.85	21.90	21.93	0.03	3489.95
MW - 14	01/12/15	3511.85	21.95	21.97	0.02	3489.90
MW - 14	01/19/15	3511.85	-	21.89	0.00	3489.96
MW - 14	02/04/15	3511.85	-	21.91	0.00	3489.94
MW - 14	02/09/15	3511.85	-	21.87	0.00	3489.98
MW - 14	02/19/15	3511.85	21.89	21.90	0.01	3489.96
MW - 14	03/03/15	3511.85	-	21.85	0.00	3490.00
MW - 14	03/09/15	3511.85	-	21.90	0.00	3489.95
MW - 14	03/16/15	3511.85	-	21.88	0.00	3489.97
MW - 14	03/20/15	3511.85	-	21.93	0.00	3489.92
MW - 14	03/23/15	3511.85	-	21.87	0.00	3489.98
MW - 14	03/30/15	3511.85	-	21.87	0.00	3489.98
MW - 14	04/04/15	3511.85	-	21.91	0.00	3489.94
MW - 14	04/07/15	3511.85	-	21.89	0.00	3489.96
MW - 14	04/14/15	3511.85	-	21.90	0.00	3489.95
MW - 14	04/20/15	3511.85	-	21.83	0.00	3490.02
MW - 14	04/27/15	3511.85	-	21.87	0.00	3489.98
MW - 14	05/07/15	3511.85	-	21.84	0.00	3490.01
MW - 14	05/11/15	3511.85	-	21.86	0.00	3489.99
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 14	09/24/15	3511.85	-	22.38	0.00	3489.47
MW - 14	09/28/15	3511.85	-	23.35	0.00	3488.50
MW - 14	10/06/15	3511.85	-	22.33	0.00	3489.52
MW - 14	10/12/15	3511.85	-	22.24	0.00	3489.61
MW - 14	10/26/15	3511.85	-	22.13	0.00	3489.72
MW - 14	11/06/15	3511.85	-	22.02	0.00	3489.83
MW - 14	11/10/15	3511.85	-	21.96	0.00	3489.89
MW - 14	11/18/15	3511.85	-	22.06	0.00	3489.79
MW - 14	12/02/15	3511.85	-	21.94	0.00	3489.91
MW - 14	12/07/15	3511.85	-	22.02	0.00	3489.83
MW - 14	12/14/15	3511.85	-	21.88	0.00	3489.97
MW - 14	01/05/16	3511.85	-	21.80	0.00	3490.05
MW - 14	01/08/16	3511.85	-	21.82	0.00	3490.03
MW - 14	01/12/16	3511.85	-	21.88	0.00	3489.97
MW - 14	01/18/16	3511.85	-	21.82	0.00	3490.03
MW - 14	01/25/16	3511.85	-	21.83	0.00	3490.02
MW - 14	02/01/16	3511.85	-	21.80	0.00	3490.05
MW - 14	02/08/16	3511.85	-	21.80	0.00	3490.05
MW - 14	02/19/16	3511.85	-	21.77	0.00	3490.08
MW - 14	02/23/16	3511.85	-	21.73	0.00	3490.12
MW - 14	03/03/16	3511.85	-	21.79	0.00	3490.06
MW - 14	03/07/16	3511.85	-	21.69	0.00	3490.16
MW - 14	03/15/16	3511.85	-	21.71	0.00	3490.14
MW - 14	03/21/16	3511.85	-	21.67	0.00	3490.18
MW - 14	03/28/16	3511.85	-	21.63	0.00	3490.22
MW - 14	04/05/16	3511.85	-	21.61	0.00	3490.24
MW - 14	04/08/16	3511.85	-	21.66	0.00	3490.19
MW - 14	04/12/16	3511.85	-	21.65	0.00	3490.20
MW - 14	04/18/16	3511.85	-	21.66	0.00	3490.19
MW - 14	04/25/16	3511.85	-	21.57	0.00	3490.28
MW - 14	05/02/16	3511.85	-	21.58	0.00	3490.27
MW - 14	05/23/16	3511.85	-	21.54	0.00	3490.31
MW - 14	06/01/16	3511.85	-	21.67	0.00	3490.18
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	12/22/16	3511.85	-	21.25	0.00	3490.60
MW - 14	12/29/16	3511.85	-	21.27	0.00	3490.58
MW - 14	01/05/17	3511.85	-	21.23	0.00	3490.62
MW - 14	01/11/17	3511.85	-	21.21	0.00	3490.64
MW - 14	01/18/17	3511.85	-	21.22	0.00	3490.63
MW - 14	01/26/17	3511.85	-	21.28	0.00	3490.57
MW - 14	01/31/17	3511.85	-	21.22	0.00	3490.63
MW - 14	02/10/17	3511.85	-	21.22	0.00	3490.63
MW - 14	02/17/17	3511.85	-	21.20	0.00	3490.65
MW - 14	02/24/17	3511.85	-	21.26	0.00	3490.59
MW - 14	03/01/17	3511.85	-	21.23	0.00	3490.62
MW - 14	03/09/17	3511.85	-	21.24	0.00	3490.61
MW - 14	03/15/17	3511.85	-	21.21	0.00	3490.64
MW - 14	03/22/17	3511.85	-	21.27	0.00	3490.58
MW - 14	03/29/17	3511.85	-	21.32	0.00	3490.53
MW - 14	04/07/17	3511.85	-	21.25	0.00	3490.60
MW - 14	04/11/17	3511.85	-	21.19	0.00	3490.66
MW - 14	04/20/17	3511.85	-	21.17	0.00	3490.68
MW - 14	05/02/17	3511.85	-	21.14	0.00	3490.71
MW - 14	05/12/17	3511.85	-	21.20	0.00	3490.65
MW - 14	05/16/17	3511.85	-	21.12	0.00	3490.73
MW - 14	05/24/17	3511.85	-	21.25	0.00	3490.60
MW - 14	06/05/17	3511.85	-	21.32	0.00	3490.53
MW - 14	06/15/17	3511.85	-	21.45	0.00	3490.40
MW - 14	06/28/17	3511.85	-	21.53	0.00	3490.32
MW - 14	07/05/17	3511.85	-	21.63	0.00	3490.22
MW - 14	07/11/17	3511.85	-	21.67	0.00	3490.18
MW - 14	07/17/17	3511.85	-	21.69	0.00	3490.16
MW - 14	07/20/17	3511.85	-	21.74	0.00	3490.11
MW - 14	08/16/17	3511.85	-	21.72	0.00	3490.13
MW - 14	09/05/17	3511.85	-	21.51	0.00	3490.34
MW - 14	09/13/17	3511.85	-	21.46	0.00	3490.39
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	04/16/18	3511.85	-	21.19	0.00	3490.66
MW - 14	04/25/18	3511.85	-	21.22	0.00	3490.63
MW - 14	05/01/18	3511.85	-	21.19	0.00	3490.66
MW - 14	05/08/18	3511.85	-	21.19	0.00	3490.66
MW - 14	05/22/18	3511.85	-	21.43	0.00	3490.42
MW - 14	05/31/18	3511.85	-	21.52	0.00	3490.33
MW - 14	06/06/18	3511.85	-	21.56	0.00	3490.29
MW - 14	06/13/18	3511.85	-	21.64	0.00	3490.21
MW - 14	06/18/18	3511.85	-	21.67	0.00	3490.18
MW - 14	06/25/18	3511.85	-	21.74	0.00	3490.11
MW - 14	07/02/18	3511.85	-	21.78	0.00	3490.07
MW - 14	07/11/18	3511.85	-	21.91	0.00	3489.94
MW - 14	07/19/18	3511.85	-	21.89	0.00	3489.96
MW - 14	07/27/18	3511.85	-	21.94	0.00	3489.91
MW - 14	08/08/18	3511.85	-	22.01	0.00	3489.84
MW - 14	08/30/18	3511.85	-	22.12	0.00	3489.73
MW - 14	09/12/18	3511.85	-	22.12	0.00	3489.73
MW - 14	09/20/18	3511.85	-	22.04	0.00	3489.81
MW - 14	09/26/18	3511.85	-	22.08	0.00	3489.77
MW - 14	10/03/18	3511.85	-	22.00	0.00	3489.85
MW - 14	10/19/18	3511.85	-	22.01	0.00	3489.84
MW - 14	10/31/18	3511.85	-	21.90	0.00	3489.95
MW - 14	11/06/18	3511.85	-	21.89	0.00	3489.96
MW - 14	11/13/18	3511.85	-	21.92	0.00	3489.93
MW - 14	12/03/18	3511.85	-	21.78	0.00	3490.07
MW - 14	12/19/18	3511.85	-	21.69	0.00	3490.16
MW - 14	12/27/18	3511.85	-	21.68	0.00	3490.17
MW - 14	01/03/19	3511.85	-	21.77	0.00	3490.08
MW - 14	01/09/19	3511.85	-	21.69	0.00	3490.16
MW - 14	01/16/19	3511.85	-	21.65	0.00	3490.20
MW - 14	01/31/19	3511.85	-	21.66	0.00	3490.19
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	11/13/19	3511.85	-	21.91	0.00	3489.94
MW - 14	12/17/19	3511.85	-	21.83	0.00	3490.02
MW - 14	01/06/20	3511.85	-	21.74	0.00	3490.11
MW - 14	01/23/20	3511.85	-	21.76	0.00	3490.09
MW - 14	01/29/20	3511.85	-	21.70	0.00	3490.15
MW - 14	02/21/20	3511.85	-	21.70	0.00	3490.15
MW - 14	03/05/20	3511.85	-	21.70	0.00	3490.15
MW - 14	05/14/20	3511.85	-	21.42	0.00	3490.43
MW - 14	05/21/20	3511.85	-	21.47	0.00	3490.38
MW - 14	06/17/20	3511.85	-	21.82	0.00	3490.03
MW - 14	07/21/20	3511.85	-	22.15	0.00	3489.70
MW - 14	08/13/20	3511.85	-	22.30	0.00	3489.55
MW - 14	09/14/20	3511.85	-	22.39	0.00	3489.46
MW - 14	10/16/20	3511.85	-	22.48	0.00	3489.37
MW - 14	12/10/20	3511.85	-	22.53	0.00	3489.32
MW - 14	01/13/21	3511.85	-	22.50	0.00	3489.35
MW - 14	02/11/21	3511.85	-	22.42	0.00	3489.43
MW - 14	04/21/21	3511.85	-	22.38	0.00	3489.47
MW - 14	06/11/21	3511.85	-	22.39	0.00	3489.46
MW - 14	09/23/21	3511.85	-	22.59	0.00	3489.26
MW - 14	10/14/21	3511.85	-	22.63	0.00	3489.22
MW - 14	10/28/21	3511.85	22.40	22.50	0.10	3489.44
MW - 14	12/06/21	3511.85	-	22.73	0.00	3489.12
MW - 14	03/16/22	3511.85	-	22.65	0.00	3489.20
MW - 14	04/20/22	3511.85	-	22.60	0.00	3489.25
MW - 14	05/11/22	3511.85	-	22.69	0.00	3489.16
MW - 14	08/16/22	3511.85	-	23.09	0.00	3488.76
MW - 14	11/11/22	3511.85	-	22.95	0.00	3488.90
MW - 14	03/01/23	3511.85	-	22.60	0.00	3489.25
MW - 14	04/13/23	3511.85	-	22.48	0.00	3489.37
MW - 14	05/11/23	3511.85	-	22.45	0.00	3489.40
MW - 14	08/17/23	3511.85	-	23.06	0.00	3488.79
MW - 14	12/14/23	3511.85	-	22.78	0.00	3489.07
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	09/08/03	3506.48	19.79	19.99	0.20	3486.66
MW - 15	09/15/03	3506.48	19.81	19.96	0.15	3486.65
MW - 15	09/24/03	3506.48	20.05	20.31	0.26	3486.39
MW - 15	10/02/03	3506.48	19.87	20.12	0.25	3486.57
MW - 15	10/08/03	3506.48	19.77	19.94	0.17	3486.68
MW - 15	10/16/03	3506.48	20.09	20.24	0.15	3486.37
MW - 15	10/28/03	3506.48	20.15	20.36	0.21	3486.30
MW - 15	11/11/03	3506.48	20.24	20.39	0.15	3486.22
MW - 15	11/18/03	3506.48	19.95	20.11	0.16	3486.51
MW - 15	12/10/03	3506.48	19.79	19.98	0.19	3486.66
MW - 15	02/02/04	3506.48	20.17	20.27	0.10	3486.30
MW - 15	02/26/04	3506.48	19.69	20.02	0.33	3486.74
MW - 15	03/16/04	3506.48	19.88	20.35	0.47	3486.53
MW - 15	03/19/04	3506.48	19.90	20.40	0.50	3486.51
MW - 15	03/25/04	3506.48	19.89	20.46	0.57	3486.50
MW - 15	04/01/04	3506.48	19.81	20.45	0.64	3486.57
MW - 15	04/08/04	3506.48	19.85	20.42	0.57	3486.54
MW - 15	04/14/04	3506.48	18.77	19.54	0.77	3487.59
MW - 15	04/16/04	3506.48	18.98	19.74	0.76	3487.39
MW - 15	04/22/04	3506.48	18.20	19.25	1.05	3488.12
MW - 15	04/29/04	3506.48	18.23	19.34	1.11	3488.08
MW - 15	05/11/04	3506.48	18.20	20.26	2.06	3487.97
MW - 15	06/08/04	3506.48	18.26	21.27	3.01	3487.77
MW - 15	06/17/04	3506.48	18.25	21.24	2.99	3487.78
MW - 15	06/22/04	3506.48	18.29	21.26	2.97	3487.74
MW - 15	06/29/04	3506.48	18.26	21.32	3.06	3487.76
MW - 15	07/06/04	3506.48	18.17	21.49	3.32	3487.81
MW - 15	07/13/04	3506.48	18.20	21.54	3.34	3487.78
MW - 15	07/20/04	3506.48	18.34	21.98	3.64	3487.59
MW - 15	08/04/04	3506.48	18.35	21.10	2.75	3487.72
MW - 15	08/10/04	3506.48	18.39	21.09	2.70	3487.69
MW - 15	08/16/04	3506.48	18.57	21.48	2.91	3487.47
MW - 15	08/23/04	3506.48	18.59	20.72	2.13	3487.57
MW - 15	08/25/04	3506.48	18.65	19.79	1.14	3487.66
MW - 15	08/26/04	3506.48	18.65	19.85	1.20	3487.65
MW - 15	08/31/04	3506.48	18.69	20.11	1.42	3487.58
MW - 15	09/13/04	3506.48	18.81	19.98	1.17	3487.49
MW - 15	09/20/04	3506.48	18.89	19.79	0.90	3487.46
MW - 15	09/30/04	3506.48	18.99	19.81	0.82	3487.37
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	01/25/05	3506.48	17.68	18.80	1.12	3488.63
MW - 15	01/28/05	3506.48	17.81	18.49	0.68	3488.57
MW - 15	02/02/05	3506.48	17.89	18.61	0.72	3488.48
MW - 15	02/05/05	3506.48	17.99	18.31	0.32	3488.44
MW - 15	02/08/05	3506.48	17.61	18.53	0.92	3488.73
MW - 15	02/11/05	3506.48	17.63	18.19	0.56	3488.77
MW - 15	02/15/05	3506.48	17.59	18.34	0.75	3488.78
MW - 15	02/18/05	3506.48	17.69	18.30	0.61	3488.70
MW - 15	02/22/05	3506.48	17.56	18.30	0.74	3488.81
MW - 15	02/25/05	3506.48	17.55	18.15	0.60	3488.84
MW - 15	03/01/05	3506.48	17.50	18.24	0.74	3488.87
MW - 15	03/04/05	3506.48	17.51	18.10	0.59	3488.88
MW - 15	03/08/05	3506.48	17.49	18.13	0.64	3488.89
MW - 15	03/08/05	3506.48	17.49	18.13	0.64	3488.89
MW - 15	03/11/05	3506.48	17.59	18.08	0.49	3488.82
MW - 15	03/15/05	3506.48	17.50	18.05	0.55	3488.90
MW - 15	03/18/05	3506.48	17.51	18.03	0.52	3488.89
MW - 15	03/22/05	3506.48	18.40	19.15	0.75	3487.97
MW - 15	03/28/05	3506.48	18.34	19.19	0.85	3488.01
MW - 15	04/01/05	3506.48	18.38	19.18	0.80	3487.98
MW - 15	04/05/05	3506.48	17.29	18.21	0.92	3489.05
MW - 15	04/08/05	3506.48	17.24	18.12	0.88	3489.11
MW - 15	04/15/05	3506.48	17.28	18.09	0.81	3489.08
MW - 15	05/25/05	3506.48	17.10	17.90	0.80	3489.26
MW - 15	05/27/05	3506.48	17.09	17.81	0.72	3489.28
MW - 15	05/31/05	3506.48	17.08	17.68	0.60	3489.31
MW - 15	06/03/05	3506.48	17.03	17.69	0.66	3489.35
MW - 15	06/06/05	3506.48	17.07	17.56	0.49	3489.34
MW - 15	06/08/05	3506.48	17.01	17.58	0.57	3489.38
MW - 15	06/13/05	3506.48	17.02	17.53	0.51	3489.38
MW - 15	06/20/05	3506.48	17.10	17.63	0.53	3489.30
MW - 15	06/24/05	3506.48	17.03	17.77	0.74	3489.34
MW - 15	06/27/05	3506.48	17.13	17.62	0.49	3489.28
MW - 15	07/11/05	3506.48	17.12	17.78	0.66	3489.26
MW - 15	07/15/05	3506.48	17.18	17.90	0.72	3489.19
MW - 15	07/18/05	3506.48	17.19	18.19	1.00	3489.14
MW - 15	07/21/05	3506.48	17.30	17.70	0.40	3489.12
MW - 15	07/25/05	3506.48	17.29	18.08	0.79	3489.07
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 15	11/15/05	3506.48	17.05	17.91	0.86	3489.30
MW - 15	11/22/05	3506.48	17.03	17.65	0.62	3489.36
MW - 15	11/27/05	3506.48	17.05	17.73	0.68	3489.33
MW - 15	12/07/05	3506.48	17.08	17.47	0.39	3489.34
MW - 15	12/12/05	3506.48	17.04	17.50	0.46	3489.37
MW - 15	12/16/05	3506.48	17.00	17.46	0.46	3489.41
MW - 15	12/22/05	3506.48	17.05	17.91	0.86	3489.30
MW - 15	12/27/05	3506.48	17.00	17.69	0.69	3489.38
MW - 15	01/03/06	3506.48	17.03	17.63	0.60	3489.36
MW - 15	01/09/06	3506.48	17.06	17.56	0.50	3489.35
MW - 15	01/16/06	3506.48	17.02	17.50	0.48	3489.39
MW - 15	01/23/06	3506.48	17.06	17.40	0.34	3489.37
MW - 15	01/30/06	3506.48	17.10	17.38	0.28	3489.34
MW - 15	02/06/06	3506.48	17.00	17.41	0.41	3489.42
MW - 15	02/14/06	3506.48	17.08	17.41	0.33	3489.35
MW - 15	02/21/06	3506.48	16.98	17.41	0.43	3489.44
MW - 15	03/01/06	3506.48	16.95	17.38	0.43	3489.47
MW - 15	03/06/06	3506.48	16.99	17.33	0.34	3489.44
MW - 15	03/16/06	3506.48	17.00	17.36	0.36	3489.43
MW - 15	03/17/06	3506.48	17.01	17.36	0.35	3489.42
MW - 15	03/21/06	3506.48	16.99	17.39	0.40	3489.43
MW - 15	03/28/06	3506.48	17.02	17.37	0.35	3489.41
MW - 15	04/03/06	3506.48	16.96	17.31	0.35	3489.47
MW - 15	04/17/06	3506.48	16.92	17.21	0.29	3489.52
MW - 15	05/01/06	3506.48	16.91	17.11	0.20	3489.54
MW - 15	05/08/06	3506.48	16.94	17.27	0.33	3489.49
MW - 15	05/15/06	3506.48	16.99	17.42	0.43	3489.43
MW - 15	06/05/06	3506.48	17.22	17.71	0.49	3489.19
MW - 15	06/12/06	3506.48	17.33	17.96	0.63	3489.06
MW - 15	06/15/06	3506.48	17.42	17.86	0.44	3488.99
MW - 15	06/19/06	3506.48	17.41	17.89	0.48	3489.00
MW - 15	07/03/06	3506.48	17.57	17.96	0.39	3488.85
MW - 15	07/10/06	3506.48	17.56	18.00	0.44	3488.85
MW - 15	07/17/06	3506.48	17.37	17.86	0.49	3489.04
MW - 15	07/26/06	3506.48	17.51	18.14	0.63	3488.88
MW - 15	07/31/06	3506.48	17.49	17.98	0.49	3488.92
MW - 15	08/07/06	3506.48	17.54	17.99	0.45	3488.87
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	12/18/06	3506.48	17.10	17.73	0.63	3489.29
MW - 15	01/02/07	3506.48	17.10	17.85	0.75	3489.27
MW - 15	01/11/07	3506.48	17.03	17.39	0.36	3489.40
MW - 15	01/18/07	3506.48	17.27	17.36	0.09	3489.20
MW - 15	01/22/07	3506.48	17.06	17.62	0.56	3489.34
MW - 15	02/05/07	3506.48	17.07	17.39	0.32	3489.36
MW - 15	02/12/07	3506.48	16.99	17.11	0.12	3489.47
MW - 15	02/19/07	3506.48	16.98	17.14	0.16	3489.48
MW - 15	02/27/07	3506.48	17.03	17.52	0.49	3489.38
MW - 15	03/05/07	3506.48	17.06	17.63	0.57	3489.33
MW - 15	03/12/07	3506.48	17.03	17.14	0.11	3489.43
MW - 15	03/19/07	3506.48	16.98	17.12	0.14	3489.48
MW - 15	04/02/07	3506.48	16.97	17.17	0.20	3489.48
MW - 15	04/09/07	3506.48	16.92	17.07	0.15	3489.54
MW - 15	05/01/07	3506.48	17.91	18.30	0.39	3488.51
MW - 15	05/12/07	3506.48	17.90	18.32	0.42	3488.52
MW - 15	05/17/07	3506.48	16.71	16.93	0.22	3489.74
MW - 15	05/21/07	3506.48	16.74	16.95	0.21	3489.71
MW - 15	05/22/07	3506.48	16.74	16.95	0.21	3489.71
MW - 15	06/01/07	3506.48	17.50	17.81	0.31	3488.93
MW - 15	06/06/07	3506.48	16.75	17.04	0.29	3489.69
MW - 15	06/11/07	3506.48	16.79	17.49	0.70	3489.59
MW - 15	06/19/07	3506.48	16.87	17.21	0.34	3489.56
MW - 15	06/25/07	3506.48	16.94	17.26	0.32	3489.49
MW - 15	07/03/07	3506.48	17.07	17.49	0.42	3489.35
MW - 15	07/18/07	3506.48	17.23	17.54	0.31	3489.20
MW - 15	07/23/07	3506.48	17.29	17.63	0.34	3489.14
MW - 15	07/31/07	3506.48	17.44	18.01	0.57	3488.95
MW - 15	08/14/07	3506.48	17.42	17.86	0.44	3488.99
MW - 15	08/15/07	3506.48	17.41	17.79	0.38	3489.01
MW - 15	08/25/07	3506.48	17.50	17.96	0.46	3488.91
MW - 15	09/05/07	3506.48	17.57	18.02	0.45	3488.84
MW - 15	09/10/07	3506.48	17.47	17.77	0.30	3488.97
MW - 15	09/17/07	3506.48	17.23	17.55	0.32	3489.20
MW - 15	09/24/07	3506.48	17.16	17.61	0.45	3489.25
MW - 15	11/05/07	3506.48	17.18	18.13	0.95	3489.16
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	04/02/08	3506.48	17.11	17.20	0.09	3489.36
MW - 15	04/07/08	3506.48	17.09	17.19	0.10	3489.38
MW - 15	04/14/08	3506.48	17.11	17.12	0.01	3489.37
MW - 15	04/23/08	3506.48	17.07	17.20	0.13	3489.39
MW - 15	05/07/08	3506.48	17.08	17.26	0.18	3489.37
MW - 15	05/13/08	3506.48	17.07	17.22	0.15	3489.39
MW - 15	05/14/08	3506.48	17.07	17.22	0.15	3489.39
MW - 15	05/19/08	3506.48	17.10	17.25	0.15	3489.36
MW - 15	06/09/08	3506.48	17.35	17.69	0.34	3489.08
MW - 15	06/16/08	3506.48	17.12	17.15	0.03	3489.36
MW - 15	06/23/08	3506.48	17.55	17.98	0.43	3488.87
MW - 15	06/30/08	3506.48	17.60	17.98	0.38	3488.82
MW - 15	07/14/08	3506.48	17.65	18.12	0.47	3488.76
MW - 15	07/22/08	3506.48	17.70	18.14	0.44	3488.71
MW - 15	07/29/08	3506.48	17.74	17.96	0.22	3488.71
MW - 15	08/04/08	3506.48	17.75	18.14	0.39	3488.67
MW - 15	08/11/08	3506.48	17.79	18.17	0.38	3488.63
MW - 15	08/14/08	3506.48	17.83	18.12	0.29	3488.61
MW - 15	08/18/08	3506.48	17.80	18.08	0.28	3488.64
MW - 15	08/28/08	3506.48	17.74	18.08	0.34	3488.69
MW - 15	09/17/08	3506.48	17.45	18.03	0.58	3488.94
MW - 15	09/29/08	3506.48	17.44	18.13	0.69	3488.94
MW - 15	10/06/08	3506.48	17.46	18.50	1.04	3488.86
MW - 15	10/13/08	3506.48	17.55	17.93	0.38	3488.87
MW - 15	10/20/08	3506.48	17.39	17.84	0.45	3489.02
MW - 15	10/29/08	3506.48	17.39	17.95	0.56	3489.01
MW - 15	10/30/08	3506.48	17.42	17.80	0.38	3489.00
MW - 15	11/06/08	3506.48	17.40	17.55	0.15	3489.06
MW - 15	11/12/08	3506.48	17.36	17.69	0.33	3489.07
MW - 15	11/13/08	3506.48	17.36	17.69	0.33	3489.07
MW - 15	12/16/08	3506.48	17.38	17.60	0.22	3489.07
MW - 15	12/19/08	3506.48	17.36	17.55	0.19	3489.09
MW - 15	12/22/08	3506.48	17.30	17.58	0.28	3489.14
MW - 15	01/06/09	3506.48	17.30	17.57	0.27	3489.14
MW - 15	01/12/09	3506.48	17.34	17.75	0.41	3489.08
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	05/12/09	3506.48	17.20	17.27	0.07	3489.27
MW - 15	05/19/09	3506.48	17.22	17.52	0.30	3489.22
MW - 15	05/26/09	3506.48	17.30	17.53	0.23	3489.15
MW - 15	06/01/09	3506.48	17.42	17.56	0.14	3489.04
MW - 15	06/05/09	3506.48	17.39	17.56	0.17	3489.06
MW - 15	06/12/09	3506.48	17.40	17.64	0.24	3489.04
MW - 15	06/15/09	3506.48	17.49	17.72	0.23	3488.96
MW - 15	06/22/09	3506.48	17.49	17.77	0.28	3488.95
MW - 15	06/24/09	3506.48	17.52	17.70	0.18	3488.93
MW - 15	06/29/09	3506.48	17.58	17.80	0.22	3488.87
MW - 15	07/06/09	3506.48	17.62	17.88	0.26	3488.82
MW - 15	07/09/09	3506.48	17.21	17.51	0.30	3489.23
MW - 15	07/13/09	3506.48	17.22	17.50	0.28	3489.22
MW - 15	07/20/09	3506.48	17.32	17.49	0.17	3489.13
MW - 15	07/23/09	3506.48	17.84	18.21	0.37	3488.58
MW - 15	07/27/09	3506.48	17.86	18.22	0.36	3488.57
MW - 15	07/29/09	3506.48	17.72	17.96	0.24	3488.72
MW - 15	08/03/09	3506.48	17.72	17.91	0.19	3488.73
MW - 15	08/10/09	3506.48	17.75	18.17	0.42	3488.67
MW - 15	08/10/09	3506.48	17.75	18.17	0.42	3488.67
MW - 15	08/18/09	3506.48	17.82	18.19	0.37	3488.60
MW - 15	08/24/09	3506.48	17.79	18.29	0.50	3488.62
MW - 15	08/28/09	3506.48	17.87	18.26	0.39	3488.55
MW - 15	08/31/09	3506.48	17.92	18.16	0.24	3488.52
MW - 15	09/02/09	3506.48	17.92	18.12	0.20	3488.53
MW - 15	09/08/09	3506.48	17.99	18.21	0.22	3488.46
MW - 15	09/16/09	3506.48	17.96	18.20	0.24	3488.48
MW - 15	09/18/09	3506.48	17.96	18.22	0.26	3488.48
MW - 15	09/22/09	3506.48	18.01	18.24	0.23	3488.44
MW - 15	09/28/09	3506.48	17.86	18.23	0.37	3488.56
MW - 15	10/09/09	3506.48	18.05	18.52	0.47	3488.36
MW - 15	10/12/09	3506.48	17.24	17.49	0.25	3489.20
MW - 15	10/15/09	3506.48	18.08	18.26	0.18	3488.37
MW - 15	10/20/09	3506.48	18.08	18.27	0.19	3488.37
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 15	03/01/10	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	06/23/11	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	06/28/13	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 15	11/11/14	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	12/02/15	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 15	03/01/17	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	07/02/18	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
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	09/30/20	3511.77	22.30	22.31	0.01	3489.47
MW - 15	10/16/20	3511.77	-	22.34	0.00	3489.43
MW - 15	11/23/20	3511.77	-	22.42	0.00	3489.35
MW - 15	12/10/20	3511.77	-	22.44	0.00	3489.33
MW - 15	12/31/20	3511.77	-	22.43	0.00	3489.34
MW - 15	01/13/21	3511.77	-	22.32	0.00	3489.45
MW - 15	01/22/21	3511.77	-	22.34	0.00	3489.43
MW - 15	02/11/21	3511.77	-	22.32	0.00	3489.45
MW - 15	04/21/21	3511.77	-	22.21	0.00	3489.56
MW - 15	04/28/21	3511.77	-	22.18	0.00	3489.59
MW - 15	06/11/21	3511.77	-	22.22	0.00	3489.55
MW - 15	07/31/21	3511.77	-	22.20	0.00	3489.57
MW - 15	08/31/21	3511.77	-	22.42	0.00	3489.35
MW - 15	09/23/21	3511.77	-	22.46	0.00	3489.31
MW - 15	10/14/21	3511.77	-	22.51	0.00	3489.26
MW - 15	10/28/21	3511.77	-	22.55	0.00	3489.22
MW - 15	12/06/21	3511.77	-	22.58	0.00	3489.19
MW - 15	02/23/22	3511.77	-	22.49	0.00	3489.28
MW - 15	03/16/22	3511.77	-	22.46	0.00	3489.31
MW - 15	04/20/22	3511.77	-	22.47	0.00	3489.30
MW - 15	05/11/22	3511.77	-	22.52	0.00	3489.25
MW - 15	08/16/22	3511.77	-	22.90	0.00	3488.87
MW - 15	11/11/22	3511.77	-	22.76	0.00	3489.01
MW - 15	03/01/23	3511.77	-	22.43	0.00	3489.34
MW - 15	05/11/23	3511.77	-	22.29	0.00	3489.48
MW - 15	08/17/23	3511.77	22.86	22.88	0.02	3488.91
MW - 15	12/14/23	3511.77	22.61	22.63	0.02	3489.16
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 - 16	01/13/21	3510.44	-	20.44	0.00	3490.00
MW - 16	02/10/21	3510.44	-	20.37	0.00	3490.07
MW - 16	04/21/21	3510.44	-	20.26	0.00	3490.18
MW - 16	06/09/21	3510.44	-	20.25	0.00	3490.19
MW - 16	09/22/21	3510.44	-	20.61	0.00	3489.83
MW - 16	10/14/21	3510.44	-	20.64	0.00	3489.80
MW - 16	12/06/21	3510.44	-	20.67	0.00	3489.77
MW - 16	03/14/22	3510.44	-	20.67	0.00	3489.77
MW - 16	04/20/22	3510.44	-	20.52	0.00	3489.92
MW - 16	05/09/22	3510.44	-	20.58	0.00	3489.86
MW - 16	08/16/22	3510.44	-	21.12	0.00	3489.32
MW - 16	11/09/22	3510.44	-	20.88	0.00	3489.56
MW - 16	02/27/23	3510.44	-	20.53	0.00	3489.91
MW - 16	05/10/23	3510.44	-	20.34	0.00	3490.10
MW - 16	08/16/23	3510.44	-	21.05	0.00	3489.39
MW - 16	12/13/23	3510.44	-	20.76	0.00	3489.68
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	03/08/05	3507.56	-	18.74	0.00	3488.82
MW - 17	06/08/05	3507.56	-	18.28	0.00	3489.28
MW - 17	09/15/05	3507.56	-	18.43	0.00	3489.13
MW - 17	12/12/05	3507.56	-	18.28	0.00	3489.28
MW - 17	03/16/06	3507.56	-	18.25	0.00	3489.31
MW - 17	06/15/06	3507.56	-	18.60	0.00	3488.96
MW - 17	09/18/06	3507.56	-	18.40	0.00	3489.16
MW - 17	11/30/06	3507.56	-	18.39	0.00	3489.17
MW - 17	02/27/07	3507.56	-	18.22	0.00	3489.34
MW - 17	05/22/07	3507.56	-	18.03	0.00	3489.53
MW - 17	08/15/07	3507.56	-	18.67	0.00	3488.89
MW - 17	11/06/07	3507.56	-	18.51	0.00	3489.05
MW - 17	02/12/08	3507.56	-	18.36	0.00	3489.20
MW - 17	05/13/08	3507.56	-	18.36	0.00	3489.20
MW - 17	08/14/08	3507.56	-	19.03	0.00	3488.53
MW - 17	11/12/08	3507.56	-	18.65	0.00	3488.91
MW - 17	01/19/09	3507.56	18.51	18.63	0.12	3489.03
MW - 17	02/10/09	3507.56	-	18.47	0.00	3489.09
MW - 17	05/12/09	3507.56	-	18.44	0.00	3489.12
MW - 17	08/10/09	3507.56	-	18.99	0.00	3488.57
MW - 17	11/18/09	3507.56	-	19.28	0.00	3488.28
MW - 17	01/04/10	3507.56	-	19.24	0.00	3488.32
MW - 17	02/09/10	3507.56	-	19.09	0.00	3488.47
MW - 17	05/12/10	3507.56	-	18.70	0.00	3488.86
MW - 17	08/11/10	3507.56	-	18.70	0.00	3488.86
MW - 17	11/11/10	3507.56	-	19.29	0.00	3488.27
MW - 17	02/16/11	3507.56	-	19.31	0.00	3488.25
MW - 17	05/19/11	3507.56	-	19.34	0.00	3488.22
MW - 17	08/10/11	3507.56	-	19.39	0.00	3488.17
MW - 17	11/14/11	3507.56	-	19.37	0.00	3488.19
MW - 17	02/29/12	3507.56	-	19.12	0.00	3488.44
MW - 17	05/02/12	3507.56	-	19.01	0.00	3488.55
MW - 17	12/06/12	3507.56	-	20.19	0.00	3487.37
MW - 17	02/13/13	3507.56	-	20.07	0.00	3487.49
MW - 17	05/22/13	3507.56	-	19.84	0.00	3487.72
MW - 17	08/12/13	3507.56	-	20.17	0.00	3487.39
MW - 17	11/20/13	3507.56	-	20.27	0.00	3487.29
MW - 17	02/04/14	3509.33	-	20.09	0.00	3489.24
MW - 17	05/14/14	3509.33	-	19.94	0.00	3489.39
MW - 17	07/22/14	3509.33	-	20.49	0.00	3488.84
MW - 17	08/05/14	3509.33	-	20.53	0.00	3488.80
MW - 17	10/27/14	3509.33	-	19.36	0.00	3489.97
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	06/28/16	3509.33	-	19.36	0.00	3489.97
MW - 17	07/27/16	3509.33	-	19.67	0.00	3489.66
MW - 17	08/03/16	3509.33	-	19.73	0.00	3489.60
MW - 17	09/27/16	3509.33	-	18.67	0.00	3490.66
MW - 17	10/21/16	3509.33	-	18.64	0.00	3490.69
MW - 17	11/08/16	3509.33	-	18.69	0.00	3490.64
MW - 17	01/26/17	3509.33	-	18.79	0.00	3490.54
MW - 17	02/28/17	3509.33	-	18.78	0.00	3490.55
MW - 17	03/15/17	3509.33	-	18.76	0.00	3490.57
MW - 17	05/23/17	3509.33	-	18.73	0.00	3490.60
MW - 17	07/20/17	3509.33	-	19.23	0.00	3490.10
MW - 17	08/16/17	3509.33	-	19.13	0.00	3490.20
MW - 17	09/13/17	3509.33	-	19.28	0.00	3490.05
MW - 17	10/12/17	3509.33	-	19.91	0.00	3489.42
MW - 17	11/13/17	3509.33	-	18.88	0.00	3490.45
MW - 17	12/20/17	3509.33	-	18.83	0.00	3490.50
MW - 17	01/09/18	3509.33	-	18.81	0.00	3490.52
MW - 17	02/07/18	3509.33	-	18.81	0.00	3490.52
MW - 17	03/29/18	3509.33	-	18.76	0.00	3490.57
MW - 17	04/16/18	3509.33	-	18.73	0.00	3490.60
MW - 17	05/21/18	3509.33	-	18.88	0.00	3490.45
MW - 17	06/18/18	3509.33	-	19.16	0.00	3490.17
MW - 17	07/11/18	3509.33	-	19.32	0.00	3490.01
MW - 17	08/08/18	3509.33	-	19.49	0.00	3489.84
MW - 17	09/12/18	3509.33	-	19.62	0.00	3489.71
MW - 17	11/12/18	3509.33	-	19.28	0.00	3490.05
MW - 17	01/09/19	3509.33	-	19.16	0.00	3490.17
MW - 17	02/12/19	3509.33	-	19.13	0.00	3490.20
MW - 17	03/12/19	3509.33	-	19.06	0.00	3490.27
MW - 17	04/01/19	3509.33	-	19.03	0.00	3490.30
MW - 17	05/07/19	3509.33	-	18.93	0.00	3490.40
MW - 17	06/14/19	3509.33	-	19.13	0.00	3490.20
MW - 17	07/11/19	3509.33	-	19.41	0.00	3489.92
MW - 17	08/07/19	3509.33	-	19.57	0.00	3489.76
MW - 17	09/12/19	3509.33	-	19.76	0.00	3489.57
MW - 17	10/15/19	3509.33	-	19.51	0.00	3489.82
MW - 17	11/06/19	3509.33	-	19.51	0.00	3489.82
MW - 17	01/06/20	3509.33	-	19.27	0.00	3490.06
MW - 17	03/04/20	3509.33	-	19.19	0.00	3490.14
MW - 17	05/14/20	3509.33	-	18.95	0.00	3490.38
MW - 17	06/17/20	3509.33	-	19.31	0.00	3490.02
MW - 17	07/21/20	3509.33	-	19.62	0.00	3489.71
MW - 17	08/13/20	3509.33	-	19.76	0.00	3489.57
MW - 17	09/14/20	3509.33	-	19.89	0.00	3489.44
MW - 17	12/09/20	3509.33	-	20.06	0.00	3489.27
MW - 17	01/13/21	3509.33	-	20.02	0.00	3489.31
MW - 17	02/10/21	3509.33	-	19.97	0.00	3489.36
MW - 17	04/21/21	3509.33	-	19.86	0.00	3489.47
MW - 17	06/09/21	3509.33	-	19.84	0.00	3489.49
MW - 17	09/22/21	3509.33	-	20.09	0.00	3489.24
MW - 17	10/14/21	3509.33	-	20.13	0.00	3489.20
MW - 17	12/06/21	3509.33	-	20.21	0.00	3489.12
MW - 17	03/14/22	3509.33	-	20.15	0.00	3489.18
MW - 17	04/20/22	3509.33	-	20.12	0.00	3489.21
MW - 17	05/09/22	3509.33	-	-	0.00	-

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 17	08/16/22	3509.33	-	20.60	0.00	3488.73
MW - 17	11/09/22	3509.33	-	20.45	0.00	3488.88
MW - 17	02/27/23	3509.33	-	20.15	0.00	3489.18
MW - 17	05/10/23	3509.33	-	19.97	0.00	3489.36
MW - 17	08/16/23	3509.33	-	20.60	0.00	3488.73
MW - 17	12/15/23	3509.33	-	20.26	0.00	3489.07
MW - 18	06/20/02	3509.12	-	21.29	0.00	3487.83
MW - 18	09/26/02	3509.12	-	21.70	0.00	3487.42
MW - 18	11/12/02	3509.12	-	21.61	0.00	3487.51
MW - 18	02/12/03	3509.12	-	21.29	0.00	3487.83
MW - 18	05/14/03	3509.12	-	21.34	0.00	3487.78
MW - 18	08/21/03	3509.12	-	22.13	0.00	3486.99
MW - 18	12/10/03	3509.12	-	22.11	0.00	3487.01
MW - 18	02/11/04	3509.12	-	22.21	0.00	3486.91
MW - 18	05/11/04	3509.12	-	20.97	0.00	3488.15
MW - 18	08/10/04	3509.12	19.50	19.58	0.08	3489.61
MW - 18	08/25/04	3509.12	-	21.38	0.00	3487.74
MW - 18	12/02/04	3509.12	-	20.68	0.00	3488.44
MW - 18	03/08/05	3509.12	-	20.12	0.00	3489.00
MW - 18	06/08/05	3509.12	-	19.62	0.00	3489.50
MW - 18	09/15/05	3509.12	-	19.79	0.00	3489.33
MW - 18	12/12/05	3509.12	-	19.62	0.00	3489.50
MW - 18	03/16/06	3509.12	-	19.51	0.00	3489.61
MW - 18	06/15/06	3509.12	-	20.06	0.00	3489.06
MW - 18	09/18/06	3509.12	-	19.82	0.00	3489.30
MW - 18	11/30/06	3509.12	-	19.79	0.00	3489.33
MW - 18	02/27/07	3509.12	-	19.62	0.00	3489.50
MW - 18	05/22/07	3509.12	-	19.44	0.00	3489.68
MW - 18	08/15/07	3509.12	-	20.13	0.00	3488.99
MW - 18	11/06/07	3509.12	-	19.94	0.00	3489.18
MW - 18	02/12/08	3509.12	-	19.79	0.00	3489.33
MW - 18	05/13/08	3509.12	-	19.73	0.00	3489.39
MW - 18	08/14/08	3509.12	-	20.52	0.00	3488.60
MW - 18	11/12/08	3509.12	-	20.05	0.00	3489.07
MW - 18	02/10/09	3509.12	-	19.92	0.00	3489.20
MW - 18	05/12/09	3509.12	-	19.87	0.00	3489.25
MW - 18	08/10/09	3509.12	-	20.50	0.00	3488.62
MW - 18	11/18/09	3509.12	-	20.72	0.00	3488.40
MW - 18	01/04/10	3509.12	-	20.67	0.00	3488.45
MW - 18	02/09/10	3509.12	-	20.54	0.00	3488.58
MW - 18	05/12/10	3509.12	-	20.04	0.00	3489.08
MW - 18	08/11/10	3509.12	-	20.03	0.00	3489.09
MW - 18	11/11/10	3509.12	-	20.70	0.00	3488.42
MW - 18	02/16/11	3509.12	-	20.73	0.00	3488.39
MW - 18	05/19/11	3509.12	-	20.71	0.00	3488.41
MW - 18	08/10/11	3509.12	-	20.81	0.00	3488.31
MW - 18	11/14/11	3509.12	-	20.84	0.00	3488.28
MW - 18	02/29/12	3509.12	-	20.59	0.00	3488.53
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	02/04/14	3510.17	-	20.85	0.00	3489.32
MW - 18	05/14/14	3510.17	-	20.69	0.00	3489.48
MW - 18	07/22/14	3510.17	-	21.23	0.00	3488.94
MW - 18	08/05/14	3510.17	-	21.28	0.00	3488.89
MW - 18	10/27/14	3510.17	-	20.17	0.00	3490.00
MW - 18	11/19/14	3510.17	-	20.16	0.00	3490.01
MW - 18	02/09/15	3510.17	-	20.18	0.00	3489.99
MW - 18	03/20/15	3510.17	-	20.18	0.00	3489.99
MW - 18	04/04/15	3510.17	-	20.12	0.00	3490.05
MW - 18	05/27/15	3510.17	-	20.03	0.00	3490.14
MW - 18	07/09/15	3510.17	-	20.00	0.00	3490.17
MW - 18	08/03/15	3510.17	-	20.28	0.00	3489.89
MW - 18	09/24/15	3510.17	-	20.52	0.00	3489.65
MW - 18	11/18/15	3510.17	-	20.22	0.00	3489.95
MW - 18	01/08/16	3510.17	-	20.08	0.00	3490.09
MW - 18	02/23/16	3510.17	-	20.02	0.00	3490.15
MW - 18	04/08/16	3510.17	-	19.94	0.00	3490.23
MW - 18	06/06/16	3510.17	-	19.96	0.00	3490.21
MW - 18	06/28/16	3510.17	-	20.16	0.00	3490.01
MW - 18	07/27/16	3510.17	-	20.47	0.00	3489.70
MW - 18	08/03/16	3510.17	-	20.52	0.00	3489.65
MW - 18	09/27/16	3510.17	-	19.43	0.00	3490.74
MW - 18	10/21/16	3510.17	-	19.45	0.00	3490.72
MW - 18	11/08/16	3510.17	-	19.50	0.00	3490.67
MW - 18	01/26/17	3510.17	-	19.58	0.00	3490.59
MW - 18	02/28/17	3510.17	-	19.58	0.00	3490.59
MW - 18	03/15/17	3510.17	-	19.55	0.00	3490.62
MW - 18	05/23/17	3510.17	-	19.55	0.00	3490.62
MW - 18	07/20/17	3510.17	-	20.06	0.00	3490.11
MW - 18	08/16/17	3510.17	-	20.00	0.00	3490.17
MW - 18	09/13/17	3510.17	-	19.81	0.00	3490.36
MW - 18	10/12/17	3510.17	-	19.76	0.00	3490.41
MW - 18	11/14/17	3510.17	-	19.67	0.00	3490.50
MW - 18	12/20/17	3510.17	-	19.62	0.00	3490.55
MW - 18	01/09/18	3510.17	-	19.60	0.00	3490.57
MW - 18	02/07/18	3510.17	-	19.61	0.00	3490.56
MW - 18	03/29/18	3510.17	-	19.54	0.00	3490.63
MW - 18	04/16/18	3510.17	-	19.52	0.00	3490.65
MW - 18	05/21/18	3510.17	-	19.70	0.00	3490.47
MW - 18	06/18/18	3510.17	-	19.98	0.00	3490.19
MW - 18	07/11/18	3510.17	-	20.14	0.00	3490.03
MW - 18	08/08/18	3510.17	-	20.31	0.00	3489.86
MW - 18	09/12/18	3510.17	-	20.42	0.00	3489.75
MW - 18	11/13/18	3510.17	-	20.13	0.00	3490.04
MW - 18	01/09/19	3510.17	-	19.96	0.00	3490.21
MW - 18	02/13/19	3510.17	-	19.92	0.00	3490.25
MW - 18	03/12/19	3510.17	-	19.85	0.00	3490.32
MW - 18	04/01/19	3510.17	-	19.83	0.00	3490.34
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	12/17/19	3510.17	-	20.12	0.00	3490.05
MW - 18	01/06/20	3510.17	-	20.08	0.00	3490.09
MW - 18	03/04/20	3510.17	-	19.99	0.00	3490.18
MW - 18	05/14/20	3510.17	-	19.77	0.00	3490.40
MW - 18	06/17/20	3510.17	-	20.16	0.00	3490.01
MW - 18	07/21/20	3510.17	-	20.45	0.00	3489.72
MW - 18	08/12/20	3510.17	-	20.57	0.00	3489.60
MW - 18	09/14/20	3510.17	-	20.68	0.00	3489.49
MW - 18	12/09/20	3510.17	-	20.82	0.00	3489.35
MW - 18	01/13/21	3510.17	-	20.80	0.00	3489.37
MW - 18	02/10/21	3510.17	-	20.74	0.00	3489.43
MW - 18	04/21/21	3510.17	-	20.65	0.00	3489.52
MW - 18	06/09/21	3510.17	-	20.68	0.00	3489.49
MW - 18	09/22/21	3510.17	-	20.90	0.00	3489.27
MW - 18	10/14/21	3510.17	-	20.94	0.00	3489.23
MW - 18	12/06/21	3510.17	-	21.01	0.00	3489.16
MW - 18	03/14/22	3510.17	-	20.94	0.00	3489.23
MW - 18	04/20/22	3510.17	-	20.92	0.00	3489.25
MW - 18	05/09/22	3510.17	-	20.97	0.00	3489.20
MW - 18	08/16/22	3510.17	-	21.35	0.00	3488.82
MW - 18	11/10/22	3510.17	-	21.25	0.00	3488.92
MW - 18	02/27/23	3510.17	-	20.92	0.00	3489.25
MW - 18	05/10/23	3510.17	-	20.78	0.00	3489.39
MW - 18	08/16/23	3510.17	-	21.35	0.00	3488.82
MW - 18	12/15/23	3510.17	-	21.13	0.00	3489.04
MW - 19	06/20/02	3507.28	19.75	20.03	0.28	3487.49
MW - 19	09/26/02	3507.28	19.97	20.00	0.03	3487.31
MW - 19	11/12/02	3507.28	20.04	21.02	0.98	3487.09
MW - 19	01/07/03	3507.28	19.71	21.30	1.59	3487.33
MW - 19	01/27/03	3507.28	19.68	20.15	0.47	3487.53
MW - 19	02/26/03	3507.28	19.70	20.06	0.36	3487.53
MW - 19	03/11/03	3507.28	19.78	20.23	0.45	3487.43
MW - 19	03/19/03	3507.28	19.76	20.21	0.45	3487.45
MW - 19	03/25/03	3507.28	19.67	20.30	0.63	3487.52
MW - 19	04/16/03	3507.28	19.62	20.35	0.73	3487.55
MW - 19	04/23/03	3507.28	19.80	20.52	0.72	3487.37
MW - 19	04/29/03	3507.28	19.59	20.47	0.88	3487.56
MW - 19	05/14/03	3507.28	19.70	20.62	0.92	3487.44
MW - 19	05/20/03	3507.28	19.84	20.80	0.96	3487.30
MW - 19	05/27/03	3507.28	19.87	20.84	0.97	3487.26
MW - 19	06/04/03	3507.28	19.85	20.45	0.60	3487.34
MW - 19	07/07/03	3507.28	20.29	20.73	0.44	3486.92
MW - 19	07/30/03	3507.28	20.40	20.51	0.11	3486.86
MW - 19	08/06/03	3507.28	20.66	20.94	0.28	3486.58
MW - 19	08/21/03	3507.28	20.82	21.03	0.21	3486.43
MW - 19	09/08/03	3507.28	20.80	21.00	0.20	3486.45
MW - 19	09/15/03	3507.28	20.81	20.99	0.18	3486.44
MW - 19	09/24/03	3507.28	21.14	21.38	0.24	3486.10
MW - 19	10/02/03	3507.28	20.90	21.13	0.23	3486.35
MW - 19	10/08/03	3507.28	20.79	21.08	0.29	3486.45
MW - 19	10/16/03	3507.28	21.12	21.33	0.21	3486.13
MW - 19	10/28/03	3507.28	21.18	21.43	0.25	3486.06
MW - 19	11/11/03	3507.28	21.23	21.24	0.01	3486.05
MW - 19	11/18/03	3507.28	20.97	21.19	0.22	3486.28

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	12/10/03	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
MW - 19	02/08/05	3507.28	18.65	19.45	0.80	3488.51
MW - 19	02/11/05	3507.28	18.67	19.21	0.54	3488.53
MW - 19	02/15/05	3507.28	18.61	19.25	0.64	3488.57
MW - 19	02/18/05	3507.28	18.80	19.20	0.40	3488.42
MW - 19	02/22/05	3507.28	18.59	19.19	0.60	3488.60
MW - 19	02/25/05	3507.28	18.59	19.09	0.50	3488.62
MW - 19	03/01/05	3507.28	18.55	19.12	0.57	3488.64

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 19	03/04/05	3507.28	18.57	19.03	0.46	3488.64
MW - 19	03/08/05	3507.28	18.51	19.04	0.53	3488.69
MW - 19	03/08/05	3507.28	18.51	19.04	0.53	3488.69
MW - 19	03/11/05	3507.28	18.56	19.05	0.49	3488.65
MW - 19	03/15/05	3507.28	18.49	19.02	0.53	3488.71
MW - 19	03/18/05	3507.28	18.52	19.00	0.48	3488.69
MW - 19	03/22/05	3507.28	18.44	19.02	0.58	3488.75
MW - 19	03/28/05	3507.28	18.40	18.82	0.42	3488.82
MW - 19	04/01/05	3507.28	18.43	18.91	0.48	3488.78
MW - 19	04/05/05	3507.28	17.37	17.98	0.61	3489.82
MW - 19	04/08/05	3507.28	17.39	17.80	0.41	3489.83
MW - 19	04/15/05	3507.28	18.31	18.75	0.44	3488.90
MW - 19	05/25/05	3507.28	18.14	18.56	0.42	3489.08
MW - 19	05/27/05	3507.28	18.20	18.53	0.33	3489.03
MW - 19	05/31/05	3507.28	18.15	18.20	0.05	3489.12
MW - 19	06/03/05	3507.28	sheen	18.15	0.00	3489.13
MW - 19	06/06/05	3507.28	sheen	18.14	0.00	3489.14
MW - 19	06/08/05	3507.28	-	18.12	0.00	3489.16
MW - 19	06/13/05	3507.28	sheen	18.10	0.00	3489.18
MW - 19	06/20/05	3507.28	sheen	18.14	0.00	3489.14
MW - 19	06/24/05	3507.28	18.06	18.11	0.05	3489.21
MW - 19	06/27/05	3507.28	18.11	18.13	0.02	3489.17
MW - 19	07/11/05	3507.28	18.18	18.25	0.07	3489.09
MW - 19	07/15/05	3507.28	18.25	18.35	0.10	3489.02
MW - 19	07/18/05	3507.28	18.27	18.37	0.10	3489.00
MW - 19	07/21/05	3507.28	18.24	18.39	0.15	3489.02
MW - 19	07/25/05	3507.28	18.33	18.60	0.27	3488.91
MW - 19	08/01/05	3507.28	18.33	18.73	0.40	3488.89
MW - 19	08/04/05	3507.28	18.45	18.60	0.15	3488.81
MW - 19	08/12/05	3507.28	18.40	18.92	0.52	3488.80
MW - 19	08/15/05	3507.28	18.51	18.89	0.38	3488.71
MW - 19	08/23/05	3507.28	18.27	18.53	0.26	3488.97
MW - 19	08/30/05	3507.28	18.29	18.41	0.12	3488.97
MW - 19	09/06/05	3507.28	18.20	18.33	0.13	3489.06
MW - 19	09/13/05	3507.28	18.23	18.31	0.08	3489.04
MW - 19	09/15/05	3507.28	18.20	18.30	0.10	3489.07
MW - 19	09/19/05	3507.28	18.16	18.35	0.19	3489.09
MW - 19	09/27/05	3507.28	18.17	18.25	0.08	3489.10
MW - 19	10/03/05	3507.28	18.17	18.33	0.16	3489.09
MW - 19	10/08/05	3507.28	18.03	18.07	0.04	3489.24
MW - 19	10/10/05	3507.28	18.20	18.40	0.20	3489.05
MW - 19	10/17/05	3507.28	18.17	18.25	0.08	3489.10
MW - 19	10/24/05	3507.28	18.10	18.30	0.20	3489.15
MW - 19	10/31/05	3507.28	18.02	18.22	0.20	3489.23
MW - 19	11/15/05	3507.28	18.12	18.32	0.20	3489.13
MW - 19	11/22/05	3507.28	18.05	18.25	0.20	3489.20
MW - 19	11/27/05	3507.28	18.04	18.23	0.19	3489.21
MW - 19	12/07/05	3507.28	18.08	18.18	0.10	3489.19
MW - 19	12/12/05	3507.28	18.03	18.21	0.18	3489.22
MW - 19	12/16/05	3507.28	18.11	18.21	0.10	3489.16
MW - 19	12/22/05	3507.28	18.06	18.24	0.18	3489.19
MW - 19	12/27/05	3507.28	18.01	18.25	0.24	3489.23
MW - 19	01/03/06	3507.28	18.05	18.23	0.18	3489.20
MW - 19	01/09/06	3507.28	18.07	18.20	0.13	3489.19
MW - 19	01/16/06	3507.28	18.01	18.23	0.22	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
MW - 19	01/23/06	3507.28	18.03	18.20	0.17	3489.22
MW - 19	01/30/06	3507.28	18.01	18.21	0.20	3489.24
MW - 19	02/06/06	3507.28	18.01	18.30	0.29	3489.23
MW - 19	02/14/06	3507.28	18.00	18.23	0.23	3489.25
MW - 19	02/21/06	3507.28	18.00	18.15	0.15	3489.26
MW - 19	03/01/06	3507.28	17.99	18.20	0.21	3489.26
MW - 19	03/06/06	3507.28	18.02	18.18	0.16	3489.24
MW - 19	03/16/06	3507.28	18.01	18.13	0.12	3489.25
MW - 19	03/17/06	3507.28	18.02	18.13	0.11	3489.24
MW - 19	03/21/06	3507.28	18.03	18.15	0.12	3489.23
MW - 19	03/28/06	3507.28	18.07	18.14	0.07	3489.20
MW - 19	04/03/06	3507.28	17.96	18.02	0.06	3489.31
MW - 19	04/17/06	3507.28	17.94	17.98	0.04	3489.33
MW - 19	05/01/06	3507.28	17.92	18.00	0.08	3489.35
MW - 19	05/08/06	3507.28	17.94	18.06	0.12	3489.32
MW - 19	05/15/06	3507.28	18.00	18.19	0.19	3489.25
MW - 19	05/30/06	3507.28	18.23	18.34	0.11	3489.03
MW - 19	06/05/06	3507.28	18.25	18.35	0.10	3489.02
MW - 19	06/12/06	3507.28	18.34	18.76	0.42	3488.88
MW - 19	06/15/06	3507.28	18.39	18.68	0.29	3488.85
MW - 19	06/19/06	3507.28	18.45	18.78	0.33	3488.78
MW - 19	07/03/06	3507.28	18.56	18.88	0.32	3488.67
MW - 19	07/10/06	3507.28	18.56	18.89	0.33	3488.67
MW - 19	07/17/06	3507.28	18.46	18.63	0.17	3488.79
MW - 19	07/26/06	3507.28	18.51	18.80	0.29	3488.73
MW - 19	07/31/06	3507.28	18.55	18.93	0.38	3488.67
MW - 19	08/07/06	3507.28	18.59	18.87	0.28	3488.65
MW - 19	08/17/06	3507.28	18.62	18.91	0.29	3488.62
MW - 19	08/21/06	3507.28	18.48	18.72	0.24	3488.76
MW - 19	09/06/06	3507.28	18.25	19.38	1.13	3488.86
MW - 19	09/11/06	3507.28	18.22	18.33	0.11	3489.04
MW - 19	09/18/06	3507.28	18.19	18.26	0.07	3489.08
MW - 19	09/25/06	3507.28	18.21	18.31	0.10	3489.06
MW - 19	10/02/06	3507.28	18.18	18.29	0.11	3489.08
MW - 19	10/09/06	3507.28	18.23	18.35	0.12	3489.03
MW - 19	10/17/06	3507.28	18.20	18.35	0.15	3489.06
MW - 19	10/23/06	3507.28	18.20	18.30	0.10	3489.07
MW - 19	10/30/06	3507.28	18.19	19.26	1.07	3488.93
MW - 19	11/06/06	3507.28	18.17	19.20	1.03	3488.96
MW - 19	11/13/06	3507.28	18.36	19.12	0.76	3488.81
MW - 19	11/20/06	3507.28	18.17	18.43	0.26	3489.07
MW - 19	11/27/06	3507.28	18.35	19.10	0.75	3488.82
MW - 19	11/30/06	3507.28	18.14	18.26	0.12	3489.12
MW - 19	12/04/06	3507.28	18.19	18.36	0.17	3489.06
MW - 19	12/12/06	3507.28	18.19	18.24	0.05	3489.08
MW - 19	12/18/06	3507.28	18.20	18.39	0.19	3489.05
MW - 19	01/02/07	3507.28	18.13	18.22	0.09	3489.14
MW - 19	01/11/07	3507.28	18.09	18.17	0.08	3489.18
MW - 19	01/18/07	3507.28	18.06	18.26	0.20	3489.19
MW - 19	01/22/07	3507.28	18.09	18.17	0.08	3489.18
MW - 19	02/05/07	3507.28	18.11	18.24	0.13	3489.15
MW - 19	02/12/07	3507.28	18.01	18.15	0.14	3489.25
MW - 19	02/19/07	3507.28	18.01	18.10	0.09	3489.26
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	03/12/07	3507.28	18.04	18.10	0.06	3489.23
MW - 19	03/19/07	3507.28	18.01	18.22	0.21	3489.24
MW - 19	04/02/07	3507.28	17.98	18.16	0.18	3489.27
MW - 19	04/09/07	3507.28	17.93	18.09	0.16	3489.33
MW - 19	05/01/07	3507.28	17.98	18.11	0.13	3489.28
MW - 19	05/12/07	3507.28	18.00	18.09	0.09	3489.27
MW - 19	05/17/07	3507.28	17.84	17.92	0.08	3489.43
MW - 19	05/21/07	3507.28	17.82	17.92	0.10	3489.45
MW - 19	05/22/07	3507.28	17.82	17.96	0.14	3489.44
MW - 19	06/01/07	3507.28	17.83	17.87	0.04	3489.44
MW - 19	06/06/07	3507.28	17.81	17.88	0.07	3489.46
MW - 19	06/11/07	3507.28	17.86	18.14	0.28	3489.38
MW - 19	06/19/07	3507.28	17.94	18.01	0.07	3489.33
MW - 19	06/25/07	3507.28	17.98	18.07	0.09	3489.29
MW - 19	07/03/07	3507.28	18.08	18.34	0.26	3489.16
MW - 19	07/18/07	3507.28	18.30	18.34	0.04	3488.97
MW - 19	07/23/07	3507.28	18.34	18.50	0.16	3488.92
MW - 19	07/31/07	3507.28	18.43	18.87	0.44	3488.78
MW - 19	08/14/07	3507.28	18.47	18.72	0.25	3488.77
MW - 19	08/15/07	3507.28	18.48	18.71	0.23	3488.77
MW - 19	08/25/07	3507.28	18.54	18.76	0.22	3488.71
MW - 19	09/05/07	3507.28	18.61	18.84	0.23	3488.64
MW - 19	09/10/07	3507.28	18.57	18.76	0.19	3488.68
MW - 19	09/17/07	3507.28	18.51	18.69	0.18	3488.74
MW - 19	09/24/07	3507.28	18.32	18.36	0.04	3488.95
MW - 19	11/05/07	3507.28	18.28	18.34	0.06	3488.99
MW - 19	11/06/07	3507.28	18.33	18.49	0.16	3488.93
MW - 19	11/12/07	3507.28	18.29	18.42	0.13	3488.97
MW - 19	11/19/07	3507.28	18.28	18.33	0.05	3488.99
MW - 19	11/30/07	3507.28	18.27	18.45	0.18	3488.98
MW - 19	12/03/07	3507.28	18.28	18.40	0.12	3488.98
MW - 19	12/14/07	3507.28	18.24	18.36	0.12	3489.02
MW - 19	12/17/07	3507.28	17.25	17.35	0.10	3490.02
MW - 19	01/09/08	3507.28	18.21	18.39	0.18	3489.04
MW - 19	01/16/08	3507.28	18.18	18.42	0.24	3489.06
MW - 19	01/30/08	3507.28	18.15	18.25	0.10	3489.12
MW - 19	02/08/08	3507.28	18.18	18.41	0.23	3489.07
MW - 19	02/12/08	3507.28	18.18	18.41	0.23	3489.07
MW - 19	02/14/08	3507.28	18.15	18.34	0.19	3489.10
MW - 19	02/20/08	3507.28	18.13	18.27	0.14	3489.13
MW - 19	02/28/08	3507.28	18.13	18.28	0.15	3489.13
MW - 19	03/05/08	3507.28	18.15	18.41	0.26	3489.09
MW - 19	03/13/08	3507.28	18.13	18.31	0.18	3489.12
MW - 19	03/19/08	3507.28	18.16	18.36	0.20	3489.09
MW - 19	03/24/08	3507.28	18.12	18.24	0.12	3489.14
MW - 19	04/02/08	3507.28	18.11	18.22	0.11	3489.15
MW - 19	04/07/08	3507.28	18.11	18.12	0.01	3489.17
MW - 19	04/14/08	3507.28	18.11	18.12	0.01	3489.17
MW - 19	04/23/08	3507.28	18.09	18.18	0.09	3489.18
MW - 19	05/07/08	3507.28	18.12	18.26	0.14	3489.14
MW - 19	05/13/08	3507.28	18.12	18.21	0.09	3489.15
MW - 19	05/14/08	3507.28	18.11	18.21	0.10	3489.16
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	06/23/08	3507.28	18.58	18.81	0.23	3488.67
MW - 19	06/30/08	3507.28	18.66	18.88	0.22	3488.59
MW - 19	07/14/08	3507.28	18.69	18.86	0.17	3488.56
MW - 19	07/22/08	3507.28	18.75	18.77	0.02	3488.53
MW - 19	07/29/08	3507.28	18.76	18.92	0.16	3488.50
MW - 19	08/04/08	3507.28	18.81	18.98	0.17	3488.44
MW - 19	08/11/08	3507.28	18.84	18.87	0.03	3488.44
MW - 19	08/14/08	3507.28	18.87	19.02	0.15	3488.39
MW - 19	08/18/08	3507.28	18.87	18.98	0.11	3488.39
MW - 19	08/28/08	3507.28	18.82	18.91	0.09	3488.45
MW - 19	09/17/08	3507.28	18.60	18.65	0.05	3488.67
MW - 19	09/29/08	3507.28	18.55	18.59	0.04	3488.72
MW - 19	10/06/08	3507.28	18.58	18.66	0.08	3488.69
MW - 19	10/13/08	3507.28	18.59	18.70	0.11	3488.67
MW - 19	10/20/08	3507.28	18.53	18.59	0.06	3488.74
MW - 19	10/29/08	3507.28	18.46	18.51	0.05	3488.81
MW - 19	10/30/08	3507.28	18.49	18.50	0.01	3488.79
MW - 19	11/06/08	3507.28	18.48	18.51	0.03	3488.80
MW - 19	11/12/08	3507.28	18.43	18.48	0.05	3488.84
MW - 19	11/13/08	3507.28	18.43	18.48	0.05	3488.84
MW - 19	12/16/08	3507.28	18.37	18.39	0.02	3488.91
MW - 19	12/19/08	3507.28	18.39	18.42	0.03	3488.89
MW - 19	12/22/08	3507.28	18.35	18.49	0.14	3488.91
MW - 19	01/06/09	3507.28	18.36	18.41	0.05	3488.91
MW - 19	01/12/09	3507.28	18.49	18.59	0.10	3488.78
MW - 19	01/22/09	3507.28	18.32	18.38	0.06	3488.95
MW - 19	01/26/09	3507.28	18.32	18.41	0.09	3488.95
MW - 19	02/10/09	3507.28	18.29	18.34	0.05	3488.98
MW - 19	02/13/09	3507.28	18.13	18.65	0.52	3489.07
MW - 19	02/16/09	3507.28	18.17	18.64	0.47	3489.04
MW - 19	02/24/09	3507.28	18.19	18.63	0.44	3489.02
MW - 19	03/02/09	3507.28	18.29	18.49	0.20	3488.96
MW - 19	03/05/09	3507.28	18.30	18.42	0.12	3488.96
MW - 19	03/09/09	3507.28	18.27	18.33	0.06	3489.00
MW - 19	03/16/09	3507.28	18.29	18.35	0.06	3488.98
MW - 19	03/19/09	3507.28	18.33	18.49	0.16	3488.93
MW - 19	03/25/09	3507.28	18.33	18.47	0.14	3488.93
MW - 19	03/30/09	3507.28	18.33	18.45	0.12	3488.93
MW - 19	04/13/09	3507.28	18.24	18.30	0.06	3489.03
MW - 19	04/16/09	3507.28	19.32	19.43	0.11	3487.94
MW - 19	04/21/09	3507.28	19.33	19.40	0.07	3487.94
MW - 19	04/27/09	3507.28	18.24	18.30	0.06	3489.03
MW - 19	04/30/09	3507.28	19.34	19.45	0.11	3487.92
MW - 19	05/06/09	3507.28	19.35	19.40	0.05	3487.92
MW - 19	05/12/09	3507.28	18.02	18.29	0.27	3489.22
MW - 19	05/19/09	3507.28	18.31	18.42	0.11	3488.95
MW - 19	05/26/09	3507.28	18.38	18.42	0.04	3488.89
MW - 19	06/01/09	3507.28	18.44	18.52	0.08	3488.83
MW - 19	06/05/09	3507.28	18.47	18.49	0.02	3488.81
MW - 19	06/12/09	3507.28	18.51	18.61	0.10	3488.76
MW - 19	06/22/09	3507.28	18.60	18.73	0.13	3488.66
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	07/13/09	3507.28	18.34	18.42	0.08	3488.93
MW - 19	07/20/09	3507.28	18.36	18.42	0.06	3488.91
MW - 19	07/23/09	3507.28	18.91	19.02	0.11	3488.35
MW - 19	07/27/09	3507.28	18.90	19.04	0.14	3488.36
MW - 19	07/29/09	3507.28	18.81	18.89	0.08	3488.46
MW - 19	08/03/09	3507.28	18.79	18.90	0.11	3488.47
MW - 19	08/10/09	3507.28	18.85	18.96	0.11	3488.41
MW - 19	08/10/09	3507.28	18.85	18.96	0.11	3488.41
MW - 19	08/18/09	3507.28	18.90	19.00	0.10	3488.37
MW - 19	08/24/09	3507.28	18.92	19.04	0.12	3488.34
MW - 19	08/28/09	3507.28	18.94	19.04	0.10	3488.33
MW - 19	08/31/09	3507.28	19.00	19.14	0.14	3488.26
MW - 19	09/02/09	3507.28	18.97	19.09	0.12	3488.29
MW - 19	09/08/09	3507.28	19.01	19.11	0.10	3488.26
MW - 19	09/10/09	3507.28	19.01	19.23	0.22	3488.24
MW - 19	09/16/09	3507.28	19.02	19.11	0.09	3488.25
MW - 19	09/18/09	3507.28	19.01	19.29	0.28	3488.23
MW - 19	09/22/09	3507.28	19.08	19.25	0.17	3488.17
MW - 19	09/28/09	3507.28	18.95	19.03	0.08	3488.32
MW - 19	10/09/09	3507.28	19.07	19.23	0.16	3488.19
MW - 19	10/12/09	3507.28	18.34	18.43	0.09	3488.93
MW - 19	10/15/09	3507.28	19.12	19.25	0.13	3488.14
MW - 19	10/20/09	3507.28	-	19.21	0.00	3488.07
MW - 19	10/26/09	3507.28	18.33	18.44	0.11	3488.93
MW - 19	10/28/09	3507.28	-	19.18	0.00	3488.10
MW - 19	11/03/09	3507.28	-	19.14	0.00	3488.14
MW - 19	11/12/09	3507.28	-	19.05	0.00	3488.23
MW - 19	11/18/09	3507.28	-	19.14	0.00	3488.14
MW - 19	12/03/09	3507.28	sheen	19.10	0.00	3488.18
MW - 19	12/11/09	3507.28	sheen	19.11	0.00	3488.17
MW - 19	12/16/09	3507.28	sheen	19.00	0.00	3488.28
MW - 19	12/21/09	3507.28	sheen	19.13	0.00	3488.15
MW - 19	12/28/09	3507.28	sheen	19.06	0.00	3488.22
MW - 19	01/04/10	3507.28	sheen	19.09	0.00	3488.19
MW - 19	01/14/10	3507.28	sheen	19.07	0.00	3488.21
MW - 19	01/20/10	3507.28	sheen	18.98	0.00	3488.30
MW - 19	01/25/10	3507.28	sheen	18.98	0.00	3488.30
MW - 19	01/27/10	3507.28	sheen	18.98	0.00	3488.30
MW - 19	02/01/10	3507.28	sheen	0.00	0.00	3507.28
MW - 19	02/08/10	3507.28	sheen	19.09	0.00	3488.19
MW - 19	02/09/10	3507.28	sheen	19.05	0.00	3488.23
MW - 19	02/19/10	3507.28	-	18.92	0.00	3488.36
MW - 19	02/26/10	3507.28	sheen	18.92	0.00	3488.36
MW - 19	03/01/10	3507.28	sheen	18.97	0.00	3488.31
MW - 19	03/04/10	3507.28	sheen	18.88	0.00	3488.40
MW - 19	03/08/10	3507.28	sheen	18.90	0.00	3488.38
MW - 19	03/11/10	3507.28	sheen	18.79	0.00	3488.49
MW - 19	03/15/10	3507.28	sheen	18.86	0.00	3488.42
MW - 19	03/17/10	3507.28	sheen	18.78	0.00	3488.50
MW - 19	03/22/10	3507.28	sheen	18.73	0.00	3488.55
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	04/28/10	3507.28	sheen	18.62	0.00	3488.66
MW - 19	05/05/10	3507.28	sheen	18.59	0.00	3488.69
MW - 19	05/12/10	3507.28	sheen	18.67	0.00	3488.61
MW - 19	05/14/10	3507.28	sheen	18.68	0.00	3488.60
MW - 19	05/21/10	3507.28	sheen	18.68	0.00	3488.60
MW - 19	05/26/10	3507.28	sheen	18.61	0.00	3488.67
MW - 19	06/04/10	3507.28	sheen	18.66	0.00	3488.62
MW - 19	06/07/10	3507.28	sheen	18.75	0.00	3488.53
MW - 19	06/12/10	3507.28	sheen	18.80	0.00	3488.48
MW - 19	06/24/10	3507.28	sheen	18.93	0.00	3488.35
MW - 19	06/30/10	3507.28	sheen	19.04	0.00	3488.24
MW - 19	07/07/10	3507.28	sheen	18.57	0.00	3488.71
MW - 19	07/12/10	3507.28	sheen	18.32	0.00	3488.96
MW - 19	07/19/10	3507.28	sheen	18.24	0.00	3489.04
MW - 19	08/03/10	3507.28	sheen	18.23	0.00	3489.05
MW - 19	08/11/10	3507.28	sheen	18.24	0.00	3489.04
MW - 19	08/19/10	3507.28	sheen	18.29	0.00	3488.99
MW - 19	08/25/10	3507.28	sheen	18.31	0.00	3488.97
MW - 19	09/01/10	3507.28	sheen	18.34	0.00	3488.94
MW - 19	09/09/10	3507.28	sheen	18.41	0.00	3488.87
MW - 19	09/13/10	3507.28	sheen	18.23	0.00	3489.05
MW - 19	09/29/10	3507.28	sheen	18.50	0.00	3488.78
MW - 19	10/05/10	3507.28	sheen	18.26	0.00	3489.02
MW - 19	10/20/10	3507.28	sheen	18.60	0.00	3488.68
MW - 19	10/25/10	3507.28	sheen	18.62	0.00	3488.66
MW - 19	11/03/10	3507.28	sheen	18.28	0.00	3489.00
MW - 19	11/10/10	3507.28	sheen	18.66	0.00	3488.62
MW - 19	11/12/10	3507.28	sheen	18.66	0.00	3488.62
MW - 19	12/09/10	3507.28	sheen	18.21	0.00	3489.07
MW - 19	01/18/11	3507.28	sheen	18.66	0.00	3488.62
MW - 19	02/16/11	3507.28	sheen	18.67	0.00	3488.61
MW - 19	03/01/11	3507.28	sheen	18.54	0.00	3488.74
MW - 19	03/07/11	3507.28	sheen	18.50	0.00	3488.78
MW - 19	03/22/11	3507.28	sheen	18.66	0.00	3488.62
MW - 19	04/27/11	3507.28	sheen	18.57	0.00	3488.71
MW - 19	05/05/11	3507.28	sheen	18.57	0.00	3488.71
MW - 19	05/10/11	3507.28	sheen	18.50	0.00	3488.78
MW - 19	05/17/11	3507.28	sheen	18.52	0.00	3488.76
MW - 19	05/19/11	3507.28	sheen	18.52	0.00	3488.76
MW - 19	05/24/11	3507.28	sheen	18.73	0.00	3488.55
MW - 19	06/07/11	3507.28	sheen	18.83	0.00	3488.45
MW - 19	06/08/11	3507.28	sheen	17.84	0.00	3489.44
MW - 19	06/14/11	3507.28	sheen	18.80	0.00	3488.48
MW - 19	06/23/11	3507.28	sheen	18.84	0.00	3488.44
MW - 19	06/28/11	3507.28	sheen	19.90	0.00	3487.38
MW - 19	07/06/11	3507.28	sheen	19.03	0.00	3488.25
MW - 19	07/14/11	3507.28	sheen	19.08	0.00	3488.20
MW - 19	07/20/11	3507.28	-	19.24	0.00	3488.04
MW - 19	07/27/11	3507.28	-	19.13	0.00	3488.15
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	11/14/11	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	09/10/13	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
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	12/29/14	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
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	01/18/16	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 19	03/29/17	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 19	08/08/18	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	11/23/20	3511.96	-	22.84	0.00	3489.12
MW - 19	12/10/20	3511.96	-	22.85	0.00	3489.11
MW - 19	12/31/20	3511.96	-	22.85	0.00	3489.11
MW - 19	01/13/21	3511.96	-	22.80	0.00	3489.16
MW - 19	01/22/21	3511.96	-	22.80	0.00	3489.16
MW - 19	02/11/21	3511.96	-	22.78	0.00	3489.18
MW - 19	04/21/21	3511.96	-	22.66	0.00	3489.30
MW - 19	04/28/21	3511.96	-	22.65	0.00	3489.31
MW - 19	06/11/21	3511.96	-	22.70	0.00	3489.26
MW - 19	07/31/21	3511.96	-	22.70	0.00	3489.26
MW - 19	08/31/21	3511.96	-	22.87	0.00	3489.09
MW - 19	09/23/21	3511.96	-	22.91	0.00	3489.05
MW - 19	10/14/21	3511.96	-	22.94	0.00	3489.02
MW - 19	10/28/21	3511.96	-	22.98	0.00	3488.98
MW - 19	12/06/21	3511.96	-	23.01	0.00	3488.95
MW - 19	02/23/22	3511.96	-	22.95	0.00	3489.01
MW - 19	03/14/22	3511.96	-	22.95	0.00	3489.01
MW - 19	04/20/22	3511.96	-	22.96	0.00	3489.00
MW - 19	05/11/22	3511.96	22.97	23.00	0.03	3488.99
MW - 19	05/31/22	3511.96	-	23.09	0.00	3488.87
MW - 19	06/27/22	3511.96	22.20	22.50	0.30	3489.72
MW - 19	08/16/22	3511.96	23.38	23.65	0.27	3488.54
MW - 19	11/10/22	3511.96	23.22	23.40	0.18	3488.71
MW - 19	01/17/23	3511.96	23.00	23.10	0.10	3488.95
MW - 19	02/28/23	3511.96	-	22.94	0.00	3489.02
MW - 19	04/13/23	3511.96	-	22.83	0.00	3489.13
MW - 19	05/11/23	3511.96	22.80	22.81	0.01	3489.16
MW - 19	08/17/23	3511.96	-	23.40	0.00	3488.56
MW - 19	12/14/23	3511.96	-	23.13	0.00	3488.83
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 20	06/28/11	3508.43	-	20.28	0.00	3488.15
MW - 20	07/06/11	3508.43	-	20.43	0.00	3488.00
MW - 20	07/14/11	3508.43	-	20.43	0.00	3488.00
MW - 20	07/20/11	3508.43	-	20.50	0.00	3487.93
MW - 20	07/27/11	3508.43	-	20.55	0.00	3487.88
MW - 20	08/03/11	3508.43	-	20.57	0.00	3487.86
MW - 20	08/10/11	3508.43	-	20.60	0.00	3487.83
MW - 20	08/18/11	3508.43	-	20.66	0.00	3487.77
MW - 20	08/25/11	3508.43	-	20.71	0.00	3487.72
MW - 20	11/14/11	3508.43	-	20.65	0.00	3487.78
MW - 20	12/01/11	3508.43	-	20.62	0.00	3487.81
MW - 20	12/08/11	3508.43	-	20.62	0.00	3487.81
MW - 20	12/14/11	3508.43	-	19.60	0.00	3488.83
MW - 20	01/12/12	3508.43	-	20.56	0.00	3487.87
MW - 20	01/19/12	3508.43	-	20.53	0.00	3487.90
MW - 20	02/03/12	3508.43	-	20.49	0.00	3487.94
MW - 20	02/29/12	3508.43	-	20.41	0.00	3488.02
MW - 20	03/14/12	3508.43	-	20.36	0.00	3488.07
MW - 20	03/19/12	3508.43	-	20.35	0.00	3488.08
MW - 20	03/29/12	3508.43	-	20.31	0.00	3488.12
MW - 20	04/05/12	3508.43	-	20.29	0.00	3488.14
MW - 20	04/18/12	3508.43	-	20.26	0.00	3488.17
MW - 20	04/27/12	3508.43	-	20.29	0.00	3488.14
MW - 20	05/02/12	3508.43	-	20.34	0.00	3488.09
MW - 20	05/31/12	3508.43	-	20.31	0.00	3488.12
MW - 20	06/08/12	3508.43	-	20.36	0.00	3488.07
MW - 20	06/12/12	3508.43	-	20.40	0.00	3488.03
MW - 20	06/21/12	3508.43	-	20.39	0.00	3488.04
MW - 20	06/29/12	3508.43	-	20.46	0.00	3487.97
MW - 20	07/13/12	3508.43	-	20.62	0.00	3487.81
MW - 20	12/06/12	3508.43	-	20.69	0.00	3487.74
MW - 20	12/11/12	3508.43	-	20.69	0.00	3487.74
MW - 20	12/18/12	3508.43	-	20.69	0.00	3487.74
MW - 20	01/09/13	3508.43	-	19.64	0.00	3488.79
MW - 20	01/15/13	3508.43	-	20.63	0.00	3487.80
MW - 20	01/23/13	3508.43	-	20.62	0.00	3487.81
MW - 20	01/29/13	3508.43	-	20.62	0.00	3487.81
MW - 20	02/07/13	3508.43	-	20.62	0.00	3487.81
MW - 20	02/13/13	3508.43	-	20.58	0.00	3487.85
MW - 20	02/20/13	3508.43	-	20.59	0.00	3487.84
MW - 20	03/15/13	3508.43	-	20.54	0.00	3487.89
MW - 20	03/19/13	3508.43	-	20.55	0.00	3487.88
MW - 20	04/02/13	3508.43	-	20.50	0.00	3487.93
MW - 20	04/09/13	3508.43	-	20.49	0.00	3487.94
MW - 20	04/16/13	3508.43	-	20.48	0.00	3487.95
MW - 20	04/23/13	3508.43	-	20.47	0.00	3487.96
MW - 20	04/30/13	3508.43	-	20.45	0.00	3487.98
MW - 20	05/08/13	3508.43	-	20.46	0.00	3487.97
MW - 20	05/14/13	3508.43	-	20.45	0.00	3487.98
MW - 20	05/22/13	3508.43	-	20.44	0.00	3487.99
MW - 20	05/28/13	3508.43	-	20.46	0.00	3487.97
MW - 20	06/04/13	3508.43	-	20.47	0.00	3487.96
MW - 20	06/11/13	3508.43	-	20.52	0.00	3487.91
MW - 20	06/19/13	3508.43	-	20.56	0.00	3487.87
MW - 20	06/28/13	3508.43	-	20.65	0.00	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
MW - 20	07/01/13	3508.43	-	20.71	0.00	3487.72
MW - 20	07/08/13	3508.43	-	20.76	0.00	3487.67
MW - 20	07/23/13	3508.43	-	20.83	0.00	3487.60
MW - 20	07/30/13	3508.43	-	20.80	0.00	3487.63
MW - 20	08/05/13	3508.43	-	20.76	0.00	3487.67
MW - 20	08/12/13	3508.43	-	20.77	0.00	3487.66
MW - 20	08/22/13	3508.43	-	20.90	0.00	3487.53
MW - 20	08/29/13	3508.43	-	20.94	0.00	3487.49
MW - 20	09/05/13	3508.43	-	20.96	0.00	3487.47
MW - 20	09/10/13	3508.43	-	21.03	0.00	3487.40
MW - 20	09/17/13	3508.43	-	21.00	0.00	3487.43
MW - 20	09/24/13	3508.43	-	21.03	0.00	3487.40
MW - 20	10/07/13	3508.43	-	21.05	0.00	3487.38
MW - 20	11/14/13	3508.43	-	20.87	0.00	3487.56
MW - 20	11/20/13	3508.43	-	20.85	0.00	3487.58
MW - 20	12/12/13	3508.43	-	20.82	0.00	3487.61
MW - 20	12/19/13	3508.43	-	20.77	0.00	3487.66
MW - 20	01/03/14	3508.43	-	20.78	0.00	3487.65
MW - 20	01/09/14	3508.43	-	20.77	0.00	3487.66
MW - 20	01/13/14	3508.43	-	20.75	0.00	3487.68
MW - 20	01/21/14	3508.43	-	20.75	0.00	3487.68
MW - 20	01/24/14	3508.43	-	20.74	0.00	3487.69
MW - 20	02/04/14	3509.47	-	20.69	0.00	3488.78
MW - 20	02/10/14	3509.47	-	20.70	0.00	3488.77
MW - 20	02/27/14	3509.47	-	20.67	0.00	3488.80
MW - 20	03/17/14	3509.47	-	20.62	0.00	3488.85
MW - 20	03/27/14	3509.47	-	20.58	0.00	3488.89
MW - 20	04/02/14	3509.47	-	20.58	0.00	3488.89
MW - 20	04/16/14	3509.47	-	20.54	0.00	3488.93
MW - 20	04/22/14	3509.47	-	20.53	0.00	3488.94
MW - 20	04/28/14	3509.47	-	20.52	0.00	3488.95
MW - 20	05/06/14	3509.47	-	20.51	0.00	3488.96
MW - 20	05/13/14	3509.47	-	20.53	0.00	3488.94
MW - 20	05/14/14	3509.47	-	20.53	0.00	3488.94
MW - 20	05/21/14	3509.47	-	20.54	0.00	3488.93
MW - 20	06/05/14	3509.47	-	20.64	0.00	3488.83
MW - 20	06/11/14	3509.47	-	20.71	0.00	3488.76
MW - 20	06/16/14	3509.47	-	20.78	0.00	3488.69
MW - 20	06/24/14	3509.47	-	20.87	0.00	3488.60
MW - 20	07/01/14	3509.47	-	20.89	0.00	3488.58
MW - 20	07/08/14	3509.47	-	20.99	0.00	3488.48
MW - 20	07/15/14	3509.47	-	21.04	0.00	3488.43
MW - 20	07/22/14	3509.47	-	21.07	0.00	3488.40
MW - 20	07/23/14	3509.47	-	21.07	0.00	3488.40
MW - 20	07/31/14	3509.47	-	21.10	0.00	3488.37
MW - 20	08/05/14	3509.47	-	21.12	0.00	3488.35
MW - 20	08/07/14	3509.47	-	21.13	0.00	3488.34
MW - 20	08/15/14	3509.47	-	21.16	0.00	3488.31
MW - 20	08/20/14	3509.47	-	21.17	0.00	3488.30
MW - 20	08/27/14	3509.47	-	21.19	0.00	3488.28
MW - 20	09/24/14	3509.47	-	20.71	0.00	3488.76
MW - 20	10/01/14	3509.47	-	20.08	0.00	3489.39
MW - 20	10/07/14	3509.47	-	19.98	0.00	3489.49
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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

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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	12/02/15	3509.47	-	19.94	0.00	3489.53
MW - 20	12/07/15	3509.47	-	19.93	0.00	3489.54
MW - 20	12/14/15	3509.47	-	19.91	0.00	3489.56
MW - 20	01/05/16	3509.47	-	19.91	0.00	3489.56
MW - 20	01/08/16	3509.47	-	19.90	0.00	3489.57
MW - 20	01/12/16	3509.47	-	19.90	0.00	3489.57
MW - 20	01/18/16	3509.47	-	19.88	0.00	3489.59
MW - 20	01/25/16	3509.47	-	19.86	0.00	3489.61
MW - 20	02/01/16	3509.47	-	19.84	0.00	3489.63
MW - 20	02/08/16	3509.47	-	19.85	0.00	3489.62
MW - 20	02/19/16	3509.47	-	19.82	0.00	3489.65
MW - 20	02/23/16	3509.47	-	19.80	0.00	3489.67
MW - 20	03/03/16	3509.47	-	19.82	0.00	3489.65
MW - 20	03/07/16	3509.47	-	19.77	0.00	3489.70
MW - 20	03/15/16	3509.47	-	19.77	0.00	3489.70
MW - 20	03/21/16	3509.47	-	19.79	0.00	3489.68
MW - 20	03/28/16	3509.47	-	19.77	0.00	3489.70
MW - 20	04/05/16	3509.47	-	19.74	0.00	3489.73
MW - 20	04/08/16	3509.47	-	19.76	0.00	3489.71
MW - 20	04/12/16	3509.47	-	19.73	0.00	3489.74
MW - 20	04/18/16	3509.47	-	19.72	0.00	3489.75
MW - 20	04/25/16	3509.47	-	19.70	0.00	3489.77
MW - 20	05/02/16	3509.47	-	19.70	0.00	3489.77
MW - 20	05/23/16	3509.47	-	19.68	0.00	3489.79
MW - 20	06/01/16	3509.47	-	19.77	0.00	3489.70
MW - 20	06/06/16	3509.47	-	19.80	0.00	3489.67
MW - 20	06/28/16	3509.47	-	19.97	0.00	3489.50
MW - 20	07/12/16	3509.47	-	20.15	0.00	3489.32
MW - 20	07/19/16	3509.47	-	20.22	0.00	3489.25
MW - 20	07/27/16	3509.47	-	20.29	0.00	3489.18
MW - 20	08/03/16	3509.47	-	20.34	0.00	3489.13
MW - 20	08/08/16	3509.47	-	20.37	0.00	3489.10
MW - 20	08/16/16	3509.47	-	20.39	0.00	3489.08
MW - 20	08/23/16	3509.47	-	20.41	0.00	3489.06
MW - 20	08/31/16	3509.47	-	20.25	0.00	3489.22
MW - 20	09/14/16	3509.47	-	19.54	0.00	3489.93
MW - 20	09/22/16	3509.47	-	19.35	0.00	3490.12
MW - 20	09/27/16	3509.47	-	19.26	0.00	3490.21
MW - 20	10/07/16	3509.47	-	19.22	0.00	3490.25
MW - 20	10/21/16	3509.47	-	19.24	0.00	3490.23
MW - 20	10/28/16	3509.47	-	19.26	0.00	3490.21
MW - 20	11/04/16	3509.47	-	19.28	0.00	3490.19
MW - 20	11/09/16	3509.47	-	19.29	0.00	3490.18
MW - 20	12/06/16	3509.47	-	19.32	0.00	3490.15
MW - 20	12/15/16	3509.47	-	19.35	0.00	3490.12
MW - 20	12/22/16	3509.47	-	19.35	0.00	3490.12
MW - 20	12/29/16	3509.47	-	19.37	0.00	3490.10
MW - 20	01/05/17	3509.47	-	19.35	0.00	3490.12
MW - 20	01/11/17	3509.47	-	19.54	0.00	3489.93
MW - 20	01/18/17	3509.47	-	19.36	0.00	3490.11
MW - 20	01/26/17	3509.47	-	19.37	0.00	3490.10
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	03/01/17	3509.47	-	19.33	0.00	3490.14
MW - 20	03/09/17	3509.47	-	19.35	0.00	3490.12
MW - 20	03/15/17	3509.47	-	19.34	0.00	3490.13
MW - 20	03/22/17	3509.47	-	19.33	0.00	3490.14
MW - 20	03/29/17	3509.47	-	19.32	0.00	3490.15
MW - 20	04/07/17	3509.47	-	19.32	0.00	3490.15
MW - 20	04/11/17	3509.47	-	19.31	0.00	3490.16
MW - 20	04/20/17	3509.47	-	19.29	0.00	3490.18
MW - 20	05/02/17	3509.47	-	19.28	0.00	3490.19
MW - 20	05/12/17	3509.47	-	19.31	0.00	3490.16
MW - 20	05/16/17	3509.47	-	19.30	0.00	3490.17
MW - 20	05/23/17	3509.47	-	19.35	0.00	3490.12
MW - 20	06/05/17	3509.47	-	19.43	0.00	3490.04
MW - 20	06/15/17	3509.47	-	19.53	0.00	3489.94
MW - 20	06/28/17	3509.47	-	19.65	0.00	3489.82
MW - 20	07/05/17	3509.47	-	19.72	0.00	3489.75
MW - 20	07/11/17	3509.47	-	19.81	0.00	3489.66
MW - 20	07/17/17	3509.47	-	19.82	0.00	3489.65
MW - 20	07/20/17	3509.47	-	19.83	0.00	3489.64
MW - 20	08/16/17	3509.47	-	19.74	0.00	3489.73
MW - 20	09/13/17	3509.47	-	19.53	0.00	3489.94
MW - 20	09/19/17	3509.47	-	19.58	0.00	3489.89
MW - 20	09/29/17	3509.47	-	19.42	0.00	3490.05
MW - 20	10/05/17	3509.47	-	19.69	0.00	3489.78
MW - 20	10/12/17	3509.47	-	19.49	0.00	3489.98
MW - 20	10/20/17	3509.47	-	19.44	0.00	3490.03
MW - 20	10/24/17	3509.47	-	19.58	0.00	3489.89
MW - 20	11/02/17	3509.47	-	19.44	0.00	3490.03
MW - 20	11/14/17	3509.47	-	19.46	0.00	3490.01
MW - 20	12/20/17	3509.47	-	19.41	0.00	3490.06
MW - 20	12/28/17	3509.47	-	19.40	0.00	3490.07
MW - 20	01/03/18	3509.47	-	19.41	0.00	3490.06
MW - 20	01/09/18	3509.47	-	19.39	0.00	3490.08
MW - 20	01/19/18	3509.47	-	19.38	0.00	3490.09
MW - 20	01/24/18	3509.47	-	19.40	0.00	3490.07
MW - 20	02/08/18	3509.47	-	19.39	0.00	3490.08
MW - 20	02/12/18	3509.47	-	19.37	0.00	3490.10
MW - 20	02/22/18	3509.47	-	19.36	0.00	3490.11
MW - 20	03/02/18	3509.47	-	19.37	0.00	3490.10
MW - 20	03/07/18	3509.47	-	19.36	0.00	3490.11
MW - 20	03/19/18	3509.47	-	19.35	0.00	3490.12
MW - 20	03/29/18	3509.47	-	19.34	0.00	3490.13
MW - 20	04/02/18	3509.47	-	19.33	0.00	3490.14
MW - 20	04/11/18	3509.47	-	19.33	0.00	3490.14
MW - 20	04/16/18	3509.47	-	19.31	0.00	3490.16
MW - 20	04/25/18	3509.47	-	19.33	0.00	3490.14
MW - 20	05/01/18	3509.47	-	19.32	0.00	3490.15
MW - 20	05/08/18	3509.47	-	19.36	0.00	3490.11
MW - 20	05/21/18	3509.47	-	19.53	0.00	3489.94
MW - 20	05/31/18	3509.47	-	19.64	0.00	3489.83
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	07/11/18	3509.47	-	19.95	0.00	3489.52
MW - 20	07/19/18	3509.47	-	19.98	0.00	3489.49
MW - 20	07/27/18	3509.47	-	20.05	0.00	3489.42
MW - 20	08/08/18	3509.47	-	20.12	0.00	3489.35
MW - 20	08/30/18	3509.47	-	20.20	0.00	3489.27
MW - 20	09/12/18	3509.47	-	20.18	0.00	3489.29
MW - 20	09/26/18	3509.47	-	20.10	0.00	3489.37
MW - 20	10/03/18	3509.47	-	20.09	0.00	3489.38
MW - 20	10/19/18	3509.47	-	20.09	0.00	3489.38
MW - 20	10/31/18	3509.47	-	19.95	0.00	3489.52
MW - 20	11/06/18	3509.47	-	19.88	0.00	3489.59
MW - 20	11/12/18	3509.47	-	19.86	0.00	3489.61
MW - 20	12/03/18	3509.47	-	19.82	0.00	3489.65
MW - 20	12/05/18	3509.47	-	19.82	0.00	3489.65
MW - 20	12/19/18	3509.47	-	19.77	0.00	3489.70
MW - 20	12/27/18	3509.47	-	19.76	0.00	3489.71
MW - 20	01/14/18	3509.47	-	19.73	0.00	3489.74
MW - 20	01/03/19	3509.47	-	19.74	0.00	3489.73
MW - 20	01/09/19	3509.47	-	19.74	0.00	3489.73
MW - 20	01/16/19	3509.47	-	19.73	0.00	3489.74
MW - 20	02/06/19	3509.47	-	19.72	0.00	3489.75
MW - 20	02/13/19	3509.47	-	19.69	0.00	3489.78
MW - 20	02/28/19	3509.47	-	19.67	0.00	3489.80
MW - 20	03/06/19	3509.47	-	19.67	0.00	3489.80
MW - 20	03/12/19	3509.47	-	19.64	0.00	3489.83
MW - 20	03/19/19	3509.47	-	19.63	0.00	3489.84
MW - 20	03/28/19	3509.47	-	19.61	0.00	3489.86
MW - 20	04/01/19	3509.47	-	19.60	0.00	3489.87
MW - 20	04/10/19	3509.47	-	19.57	0.00	3489.90
MW - 20	04/17/19	3509.47	-	19.56	0.00	3489.91
MW - 20	04/24/19	3509.47	-	19.55	0.00	3489.92
MW - 20	05/01/19	3509.47	-	19.54	0.00	3489.93
MW - 20	05/08/19	3509.47	-	19.53	0.00	3489.94
MW - 20	06/14/19	3509.47	-	19.74	0.00	3489.73
MW - 20	07/11/19	3509.47	-	20.02	0.00	3489.45
MW - 20	08/07/19	3509.47	-	20.19	0.00	3489.28
MW - 20	09/12/19	3509.47	-	20.32	0.00	3489.15
MW - 20	09/17/19	3509.47	-	20.34	0.00	3489.13
MW - 20	10/15/19	3509.47	-	20.10	0.00	3489.37
MW - 20	11/06/19	3509.47	-	20.06	0.00	3489.41
MW - 20	12/17/19	3509.47	-	19.88	0.00	3489.59
MW - 20	01/06/20	3509.47	-	19.85	0.00	3489.62
MW - 20	01/23/20	3509.47	-	19.83	0.00	3489.64
MW - 20	03/04/20	3509.47	-	19.78	0.00	3489.69
MW - 20	05/14/20	3509.47	-	19.57	0.00	3489.90
MW - 20	05/21/20	3509.47	-	19.60	0.00	3489.87
MW - 20	06/18/20	3509.47	-	19.96	0.00	3489.51
MW - 20	07/21/20	3509.47	-	20.25	0.00	3489.22
MW - 20	08/13/20	3509.47	-	20.37	0.00	3489.10
MW - 20	09/14/20	3509.47	-	20.46	0.00	3489.01
MW - 20	12/09/20	3509.47	-	20.62	0.00	3488.85
MW - 20	01/13/21	3509.47	-	20.61	0.00	3488.86
MW - 20	02/11/21	3509.47	-	20.55	0.00	3488.92
MW - 20	04/21/21	3509.47	-	20.46	0.00	3489.01
MW - 20	06/10/21	3509.47	-	20.47	0.00	3489.00

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 20	09/22/21	3509.47	-	20.69	0.00	3488.78
MW - 20	10/14/21	3509.47	-	20.72	0.00	3488.75
MW - 20	12/06/21	3509.47	-	20.79	0.00	3488.68
MW - 20	03/16/22	3509.47	-	20.74	0.00	3488.73
MW - 20	04/20/22	3509.47	-	20.76	0.00	3488.71
MW - 20	05/11/22	3509.47	-	20.79	0.00	3488.68
MW - 20	08/16/22	3509.47	-	21.17	0.00	3488.30
MW - 20	11/10/22	3509.47	-	21.02	0.00	3488.45
MW - 20	03/01/23	3509.47	-	20.72	0.00	3488.75
MW - 20	05/10/23	3509.47	-	20.60	0.00	3488.87
MW - 20	08/17/23	3509.47	-	21.24	0.00	3488.23
MW - 20	12/15/23	3509.47	-	20.99	0.00	3488.48
MW - 21	06/20/02	3506.98	-	20.20	0.00	3486.78
MW - 21	09/26/02	3506.98	-	20.63	0.00	3486.35
MW - 21	11/12/02	3506.98	-	21.52	0.00	3485.46
MW - 21	02/12/03	3506.98	-	20.18	0.00	3486.80
MW - 21	05/14/03	3506.98	-	20.18	0.00	3486.80
MW - 21	08/21/03	3506.98	-	21.01	0.00	3485.97
MW - 21	12/10/03	3506.98	-	20.98	0.00	3486.00
MW - 21	02/11/04	3506.98	-	21.11	0.00	3485.87
MW - 21	05/11/04	3506.98	-	19.96	0.00	3487.02
MW - 21	08/25/04	3506.98	-	20.23	0.00	3486.75
MW - 21	12/02/04	3506.98	-	19.60	0.00	3487.38
MW - 21	03/08/05	3506.98	-	18.94	0.00	3488.04
MW - 21	06/08/05	3506.98	-	18.48	0.00	3488.50
MW - 21	09/15/05	3506.98	-	18.63	0.00	3488.35
MW - 21	12/12/05	3506.98	-	18.47	0.00	3488.51
MW - 21	03/16/06	3506.98	-	18.42	0.00	3488.56
MW - 21	06/15/06	3506.98	-	18.81	0.00	3488.17
MW - 21	09/18/06	3506.98	-	18.64	0.00	3488.34
MW - 21	09/29/06	3506.98	-	18.62	0.00	3488.36
MW - 21	11/30/06	3506.98	-	18.62	0.00	3488.36
MW - 21	02/12/07	3506.98	-	18.42	0.00	3488.56
MW - 21	02/19/07	3506.98	-	18.42	0.00	3488.56
MW - 21	02/27/07	3506.98	-	18.42	0.00	3488.56
MW - 21	03/05/07	3506.98	-	18.44	0.00	3488.54
MW - 21	03/19/07	3506.98	-	17.41	0.00	3489.57
MW - 21	05/22/07	3506.98	-	18.21	0.00	3488.77
MW - 21	08/15/07	3506.98	-	18.89	0.00	3488.09
MW - 21	11/06/07	3506.98	-	18.69	0.00	3488.29
MW - 21	02/12/08	3506.98	-	18.55	0.00	3488.43
MW - 21	05/13/08	3506.98	-	18.48	0.00	3488.50
MW - 21	08/14/08	3506.98	-	19.21	0.00	3487.77
MW - 21	11/12/08	3506.98	-	18.80	0.00	3488.18
MW - 21	02/10/09	3506.98	-	18.66	0.00	3488.32
MW - 21	05/12/09	3506.98	-	18.62	0.00	3488.36
MW - 21	08/10/09	3506.98	-	19.21	0.00	3487.77
MW - 21	11/18/09	3506.98	-	19.45	0.00	3487.53
MW - 21	01/04/10	3506.98	-	19.50	0.00	3487.48
MW - 21	02/09/10	3506.98	-	19.29	0.00	3487.69
MW - 21	05/12/10	3506.98	-	18.91	0.00	3488.07
MW - 21	08/11/10	3506.98	-	18.91	0.00	3488.07
MW - 21	11/11/10	3506.98	-	19.48	0.00	3487.50
MW - 21	02/16/11	3506.98	-	19.49	0.00	3487.49

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 21	11/19/14	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
MW - 21	07/11/18	3508.05	-	18.92	0.00	3489.13
MW - 21	08/08/18	3508.05	-	19.09	0.00	3488.96
MW - 21	09/12/18	3508.05	-	19.09	0.00	3488.96
MW - 21	11/12/18	3508.05	-	18.79	0.00	3489.26
MW - 21	01/09/19	3508.05	-	18.68	0.00	3489.37
MW - 21	02/12/19	3508.05	-	18.63	0.00	3489.42
MW - 21	03/12/19	3508.05	-	18.58	0.00	3489.47
MW - 21	04/01/19	3508.05	-	18.52	0.00	3489.53
MW - 21	05/08/19	3508.05	-	18.48	0.00	3489.57
MW - 21	06/14/19	3508.05	-	18.71	0.00	3489.34
MW - 21	07/11/19	3508.05	-	18.99	0.00	3489.06
MW - 21	08/07/19	3508.05	-	19.15	0.00	3488.90
MW - 21	09/12/19	3508.05	-	19.27	0.00	3488.78
MW - 21	10/15/19	3508.05	-	19.01	0.00	3489.04
MW - 21	11/06/19	3508.05	-	18.98	0.00	3489.07
MW - 21	12/17/19	3508.05	-	18.81	0.00	3489.24
MW - 21	01/06/20	3508.05	-	18.78	0.00	3489.27
MW - 21	03/04/20	3508.05	-	18.72	0.00	3489.33
MW - 21	05/14/20	3508.05	-	18.53	0.00	3489.52
MW - 21	06/17/20	3508.05	-	18.95	0.00	3489.10

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 21	07/21/20	3508.05	-	19.24	0.00	3488.81
MW - 21	08/12/20	3508.05	-	19.32	0.00	3488.73
MW - 21	09/14/20	3508.05	-	19.42	0.00	3488.63
MW - 21	12/08/20	3508.05	-	19.54	0.00	3488.51
MW - 21	01/13/21	3508.05	-	19.55	0.00	3488.50
MW - 21	02/10/21	3508.05	-	19.49	0.00	3488.56
MW - 21	04/21/21	3508.05	-	19.43	0.00	3488.62
MW - 21	06/10/21	3508.05	-	19.46	0.00	3488.59
MW - 21	09/22/21	3508.05	-	19.66	0.00	3488.39
MW - 21	10/14/21	3508.05	-	19.69	0.00	3488.36
MW - 21	12/06/21	3508.05	-	19.73	0.00	3488.32
MW - 21	03/14/22	3508.05	-	19.70	0.00	3488.35
MW - 21	04/20/22	3508.05	-	19.70	0.00	3488.35
MW - 21	05/09/22	3508.05	-	19.76	0.00	3488.29
MW - 21	08/16/22	3508.05	-	20.20	0.00	3487.85
MW - 21	11/08/22	3508.05	-	20.11	0.00	3487.94
MW - 21	02/27/23	3508.05	-	19.71	0.00	3488.34
MW - 21	05/10/23	3508.05	-	19.63	0.00	3488.42
MW - 21	08/16/23	3508.05	-	20.28	0.00	3487.77
MW - 21	12/13/23	3508.05	-	19.90	0.00	3488.15
MW - 22	06/20/02	3505.61	-	19.32	0.00	3486.29
MW - 22	09/26/02	3505.61	-	19.68	0.00	3485.93
MW - 22	11/12/02	3505.61	-	19.54	0.00	3486.07
MW - 22	02/12/04	3505.61	-	19.23	0.00	3486.38
MW - 22	05/14/03	3505.61	-	19.25	0.00	3486.36
MW - 22	08/21/03	3505.61	-	20.14	0.00	3485.47
MW - 22	12/10/03	3505.61	-	20.12	0.00	3485.49
MW - 22	02/11/04	3505.61	-	20.15	0.00	3485.46
MW - 22	05/11/04	3505.61	-	18.96	0.00	3486.65
MW - 22	08/25/04	3505.61	-	19.28	0.00	3486.33
MW - 22	12/03/04	3505.61	-	18.62	0.00	3486.99
MW - 22	03/08/05	3505.61	-	18.00	0.00	3487.61
MW - 22	06/08/05	3505.61	-	17.52	0.00	3488.09
MW - 22	09/15/05	3505.61	-	17.70	0.00	3487.91
MW - 22	12/12/05	3505.61	-	17.49	0.00	3488.12
MW - 22	03/16/06	3505.61	-	17.43	0.00	3488.18
MW - 22	06/15/06	3505.61	-	17.83	0.00	3487.78
MW - 22	09/18/06	3505.61	-	17.68	0.00	3487.93
MW - 22	11/30/06	3505.61	-	17.66	0.00	3487.95
MW - 22	02/12/07	3505.61	-	17.47	0.00	3488.14
MW - 22	02/19/07	3505.61	-	17.47	0.00	3488.14
MW - 22	02/27/07	3505.61	-	17.49	0.00	3488.12
MW - 22	03/05/07	3505.61	-	17.48	0.00	3488.13
MW - 22	03/19/07	3505.61	-	17.46	0.00	3488.15
MW - 22	05/22/07	3505.61	-	17.30	0.00	3488.31
MW - 22	08/15/07	3505.61	-	17.93	0.00	3487.68
MW - 22	11/06/07	3505.61	-	17.69	0.00	3487.92
MW - 22	02/12/08	3505.61	-	17.59	0.00	3488.02
MW - 22	05/13/08	3505.61	-	19.33	0.00	3486.28
MW - 22	08/14/08	3505.61	-	18.26	0.00	3487.35
MW - 22	11/12/08	3505.61	-	18.81	0.00	3486.80
MW - 22	02/10/09	3505.61	-	17.72	0.00	3487.89
MW - 22	05/12/09	3505.61	-	17.63	0.00	3487.98
MW - 22	08/10/09	3505.61	-	18.23	0.00	3487.38

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	11/18/09	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
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	05/12/09	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	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 - 23	01/13/21	3510.83	-	22.26	0.00	3488.57
MW - 23	02/10/21	3510.83	-	22.21	0.00	3488.62
MW - 23	04/21/21	3510.83	-	22.12	0.00	3488.71
MW - 23	06/10/21	3510.83	-	22.17	0.00	3488.66
MW - 23	09/22/21	3510.83	-	22.37	0.00	3488.46
MW - 23	10/14/21	3510.83	-	22.41	0.00	3488.42
MW - 23	12/06/21	3510.83	-	22.45	0.00	3488.38
MW - 23	03/14/22	3510.83	-	22.42	0.00	3488.41
MW - 23	04/20/22	3510.83	-	22.41	0.00	3488.42
MW - 23	05/11/22	3510.83	-	22.47	0.00	3488.36
MW - 23	08/16/22	3510.83	-	22.90	0.00	3487.93
MW - 23	11/10/22	3510.83	-	22.69	0.00	3488.14
MW - 23	02/27/23	3510.83	-	22.41	0.00	3488.42
MW - 23	05/10/23	3510.83	-	22.30	0.00	3488.53
MW - 23	08/16/23	3510.83	-	22.95	0.00	3487.88
MW - 23	12/15/23	3510.83	-	22.63	0.00	3488.20
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	03/08/05	3509.68	-	21.94	0.00	3487.74
MW - 24	06/08/05	3509.68	-	21.45	0.00	3488.23
MW - 24	09/15/05	3509.68	-	21.59	0.00	3488.09
MW - 24	12/12/05	3509.68	-	21.42	0.00	3488.26
MW - 24	03/16/06	3509.68	-	21.37	0.00	3488.31
MW - 24	06/15/06	3509.68	-	21.77	0.00	3487.91
MW - 24	09/18/06	3509.68	-	21.62	0.00	3488.06
MW - 24	11/30/06	3509.68	-	21.52	0.00	3488.16
MW - 24	02/27/07	3509.68	-	21.32	0.00	3488.36
MW - 24	05/22/07	3509.68	-	21.00	0.00	3488.68
MW - 24	08/15/07	3509.68	-	21.86	0.00	3487.82
MW - 24	11/06/07	3509.68	-	21.64	0.00	3488.04
MW - 24	02/12/08	3509.68	-	21.53	0.00	3488.15
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	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
MW - 25	01/09/18	3510.71	-	20.68	0.00	3490.03
MW - 25	02/07/18	3510.71	-	19.67	0.00	3491.04
MW - 25	03/29/18	3510.71	-	20.63	0.00	3490.08
MW - 25	04/16/18	3510.71	-	20.60	0.00	3490.11
MW - 25	05/21/18	3510.71	-	20.84	0.00	3489.87
MW - 25	06/18/18	3510.71	-	21.11	0.00	3489.60
MW - 25	07/11/18	3510.71	-	21.28	0.00	3489.43
MW - 25	08/08/18	3510.71	-	21.44	0.00	3489.27
MW - 25	09/12/18	3510.71	-	21.49	0.00	3489.22
MW - 25	11/12/18	3510.71	-	21.17	0.00	3489.54
MW - 25	11/25/18	3510.71	-	21.17	0.00	3489.54
MW - 25	01/09/19	3510.71	-	21.03	0.00	3489.68
MW - 25	02/12/19	3510.71	-	20.99	0.00	3489.72
MW - 25	03/12/19	3510.71	-	20.94	0.00	3489.77
MW - 25	04/01/19	3510.71	-	20.90	0.00	3489.81
MW - 25	05/07/19	3510.71	-	20.83	0.00	3489.88
MW - 25	06/14/19	3510.71	-	21.05	0.00	3489.66
MW - 25	07/11/19	3510.71	-	21.35	0.00	3489.36
MW - 25	08/07/19	3510.71	-	21.51	0.00	3489.20
MW - 25	09/12/19	3510.71	-	21.63	0.00	3489.08
MW - 25	10/15/19	3510.71	-	21.42	0.00	3489.29
MW - 25	11/06/19	3510.71	-	21.36	0.00	3489.35
MW - 25	12/17/19	3510.71	-	21.17	0.00	3489.54
MW - 25	01/06/20	3510.71	-	21.15	0.00	3489.56
MW - 25	03/04/20	3510.71	-	21.06	0.00	3489.65
MW - 25	05/14/20	3510.71	-	20.89	0.00	3489.82
MW - 25	06/17/20	3510.71	-	21.30	0.00	3489.41
MW - 25	07/21/20	3510.71	-	21.56	0.00	3489.15
MW - 25	08/12/20	3510.71	-	21.66	0.00	3489.05
MW - 25	09/14/20	3510.71	-	21.77	0.00	3488.94
MW - 25	12/09/20	3510.71	-	21.89	0.00	3488.82
MW - 25	01/13/21	3510.71	-	21.90	0.00	3488.81
MW - 25	02/10/21	3510.71	-	21.84	0.00	3488.87
MW - 25	04/21/21	3510.71	-	21.75	0.00	3488.96
MW - 25	06/10/21	3510.71	-	21.80	0.00	3488.91
MW - 25	09/22/21	3510.71	-	22.00	0.00	3488.71
MW - 25	10/14/21	3510.71	-	22.03	0.00	3488.68
MW - 25	12/06/21	3510.71	-	22.07	0.00	3488.64
MW - 25	03/15/22	3510.71	-	22.05	0.00	3488.66
MW - 25	04/20/22	3510.71	-	22.03	0.00	3488.68
MW - 25	05/10/22	3510.71	-	22.08	0.00	3488.63
MW - 25	08/16/22	3510.71	-	22.46	0.00	3488.25
MW - 25	11/09/22	3510.71	-	22.38	0.00	3488.33

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 - 25	02/28/23	3510.71	-	22.01	0.00	3488.70
MW - 25	05/11/23	3510.71	-	21.90	0.00	3488.81
MW - 25	08/17/23	3510.71	-	22.54	0.00	3488.17
MW - 25	12/14/23	3510.71	-	22.25	0.00	3488.46
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
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	11/06/19	3508.57	-	18.97	0.00	3489.60
MW - 26	12/17/19	3508.57	-	18.79	0.00	3489.78
MW - 26	01/06/20	3508.57	-	18.76	0.00	3489.81
MW - 26	03/04/20	3508.57	-	18.69	0.00	3489.88
MW - 26	05/14/20	3508.57	-	18.46	0.00	3490.11
MW - 26	06/17/20	3508.57	-	18.84	0.00	3489.73
MW - 26	07/21/20	3508.57	-	19.14	0.00	3489.43
MW - 26	08/12/20	3508.57	-	19.27	0.00	3489.30
MW - 26	09/14/20	3508.57	-	19.38	0.00	3489.19
MW - 26	12/08/20	3508.57	-	19.55	0.00	3489.02
MW - 26	01/13/21	3508.57	-	19.53	0.00	3489.04
MW - 26	02/10/21	3508.57	-	19.48	0.00	3489.09
MW - 26	04/21/21	3508.57	-	19.38	0.00	3489.19
MW - 26	06/10/21	3508.57	-	19.37	0.00	3489.20
MW - 26	09/22/21	3508.57	-	19.61	0.00	3488.96
MW - 26	10/14/21	3508.57	-	19.64	0.00	3488.93
MW - 26	12/06/21	3508.57	-	19.71	0.00	3488.86
MW - 26	03/14/22	3508.57	-	19.66	0.00	3488.91
MW - 26	04/20/22	3508.57	-	19.64	0.00	3488.93
MW - 26	05/09/22	3508.57	-	19.70	0.00	3488.87
MW - 26	08/16/22	3508.57	-	20.10	0.00	3488.47
MW - 26	11/09/22	3508.57	-	19.96	0.00	3488.61
MW - 26	02/27/23	3508.57	-	19.65	0.00	3488.92
MW - 26	05/10/23	3508.57	-	19.51	0.00	3489.06
MW - 26	08/16/23	3508.57	-	20.14	0.00	3488.43
MW - 26	12/13/23	3508.57	-	19.95	0.00	3488.62
MW - 27	06/20/02	3507.66	-	20.59	0.00	3487.07
MW - 27	09/26/02	3507.66	-	21.80	0.00	3485.86
MW - 27	11/12/02	3507.66	-	20.94	0.00	3486.72
MW - 27	02/12/03	3507.66	-	20.58	0.00	3487.08
MW - 27	05/14/03	3507.66	-	21.62	0.00	3486.04
MW - 27	08/21/03	3507.66	-	21.44	0.00	3486.22
MW - 27	12/10/03	3507.66	-	21.58	0.00	3486.08
MW - 27	02/11/04	3507.66	-	21.53	0.00	3486.13
MW - 27	05/11/04	3507.66	-	20.34	0.00	3487.32
MW - 27	08/25/04	3507.66	-	20.59	0.00	3487.07
MW - 27	12/03/04	3507.66	-	20.05	0.00	3487.61
MW - 27	03/08/05	3507.66	-	19.43	0.00	3488.23
MW - 27	06/08/05	3507.66	-	18.95	0.00	3488.71
MW - 27	09/15/05	3507.66	-	19.08	0.00	3488.58
MW - 27	12/12/05	3507.66	-	18.92	0.00	3488.74
MW - 27	03/16/06	3507.66	-	18.88	0.00	3488.78
MW - 27	06/15/06	3507.66	-	19.24	0.00	3488.42
MW - 27	09/18/06	3507.66	-	19.04	0.00	3488.62
MW - 27	11/30/06	3507.66	-	19.05	0.00	3488.61
MW - 27	02/27/07	3507.66	-	18.85	0.00	3488.81
MW - 27	05/22/07	3507.66	-	18.74	0.00	3488.92
MW - 27	08/15/07	3507.66	-	19.24	0.00	3488.42
MW - 27	11/06/07	3507.66	-	19.11	0.00	3488.55
MW - 27	02/12/08	3507.66	-	18.97	0.00	3488.69
MW - 27	05/13/08	3507.66	-	20.05	0.00	3487.61
MW - 27	08/14/08	3507.66	-	19.64	0.00	3488.02
MW - 27	11/12/08	3507.66	-	19.24	0.00	3488.42
MW - 27	02/10/09	3507.66	-	19.12	0.00	3488.54

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	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 - 27	01/13/21	3508.73	-	19.99	0.00	3488.74
MW - 27	02/10/21	3508.73	-	19.92	0.00	3488.81
MW - 27	04/21/21	3508.73	-	19.83	0.00	3488.90
MW - 27	06/10/21	3508.73	-	19.84	0.00	3488.89
MW - 27	09/22/21	3508.73	-	20.05	0.00	3488.68
MW - 27	10/14/21	3508.73	-	20.09	0.00	3488.64
MW - 27	12/06/21	3508.73	-	20.16	0.00	3488.57
MW - 27	03/14/22	3508.73	-	20.12	0.00	3488.61
MW - 27	04/20/22	3508.73	-	20.10	0.00	3488.63
MW - 27	05/11/22	3508.73	-	20.16	0.00	3488.57
MW - 27	08/16/22	3508.73	-	20.58	0.00	3488.15
MW - 27	11/10/22	3508.73	-	20.38	0.00	3488.35
MW - 27	02/27/23	3508.73	-	20.12	0.00	3488.61
MW - 27	05/10/23	3508.73	-	20.00	0.00	3488.73
MW - 27	08/16/23	3508.73	-	20.62	0.00	3488.11
MW - 27	12/15/23	3508.73	-	20.32	0.00	3488.41
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	12/03/04	3508.37	-	20.41	0.00	3487.96
MW - 28	03/08/05	3508.37	-	19.89	0.00	3488.48
MW - 28	06/08/05	3508.37	-	19.41	0.00	3488.96
MW - 28	09/15/05	3508.37	-	19.54	0.00	3488.83
MW - 28	12/12/05	3508.37	-	19.40	0.00	3488.97
MW - 28	03/16/06	3508.37	-	19.35	0.00	3489.02
MW - 28	06/15/06	3508.37	-	19.69	0.00	3488.68
MW - 28	09/18/06	3508.37	-	19.51	0.00	3488.86
MW - 28	11/30/06	3508.37	-	19.46	0.00	3488.91
MW - 28	02/27/07	3508.37	-	19.33	0.00	3489.04
MW - 28	05/22/07	3508.37	-	19.18	0.00	3489.19
MW - 28	08/15/07	3508.37	-	19.76	0.00	3488.61
MW - 28	11/06/07	3508.37	-	19.59	0.00	3488.78
MW - 28	02/12/08	3508.37	-	19.44	0.00	3488.93
MW - 28	05/13/08	3508.37	-	19.40	0.00	3488.97
MW - 28	08/14/08	3508.37	-	20.12	0.00	3488.25
MW - 28	11/12/08	3508.37	-	19.70	0.00	3488.67
MW - 28	02/10/09	3508.37	-	19.56	0.00	3488.81
MW - 28	05/12/09	3508.37	-	19.49	0.00	3488.88
MW - 28	08/10/09	3508.37	-	20.04	0.00	3488.33
MW - 28	11/18/09	3508.37	-	20.36	0.00	3488.01
MW - 28	01/04/10	3508.37	-	20.31	0.00	3488.06
MW - 28	02/09/10	3508.37	-	20.17	0.00	3488.20
MW - 28	05/12/10	3508.37	-	19.79	0.00	3488.58
MW - 28	08/11/10	3508.37	-	19.78	0.00	3488.59
MW - 28	11/11/10	3508.37	-	20.34	0.00	3488.03
MW - 28	02/16/11	3508.37	-	20.36	0.00	3488.01
MW - 28	05/19/11	3508.37	-	20.36	0.00	3488.01
MW - 28	08/10/11	3508.37	-	20.36	0.00	3488.01
MW - 28	11/14/11	3508.37	-	20.46	0.00	3487.91
MW - 28	02/29/12	3508.37	-	20.20	0.00	3488.17
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.
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	07/27/16	3509.44	-	20.04	0.00	3489.40
MW - 28	08/03/16	3509.44	-	20.08	0.00	3489.36
MW - 28	09/27/16	3509.44	-	18.92	0.00	3490.52
MW - 28	10/21/16	3509.44	-	18.98	0.00	3490.46
MW - 28	11/08/16	3509.44	-	19.05	0.00	3490.39
MW - 28	01/26/17	3509.44	-	19.15	0.00	3490.29
MW - 28	02/28/17	3509.44	-	19.14	0.00	3490.30
MW - 28	03/15/17	3509.44	-	19.11	0.00	3490.33
MW - 28	05/23/17	3509.44	-	19.10	0.00	3490.34
MW - 28	07/20/17	3509.44	-	19.57	0.00	3489.87
MW - 28	08/16/17	3509.44	-	19.44	0.00	3490.00
MW - 28	09/13/17	3509.44	-	19.27	0.00	3490.17
MW - 28	10/12/17	3509.44	-	19.22	0.00	3490.22
MW - 28	11/14/17	3509.44	-	19.21	0.00	3490.23
MW - 28	12/20/17	3509.44	-	19.19	0.00	3490.25
MW - 28	01/09/18	3509.44	-	19.16	0.00	3490.28
MW - 28	02/07/18	3509.44	-	19.16	0.00	3490.28
MW - 28	03/29/18	3509.44	-	19.11	0.00	3490.33
MW - 28	04/16/18	3509.44	-	19.09	0.00	3490.35
MW - 28	05/21/18	3509.44	-	19.24	0.00	3490.20
MW - 28	06/18/18	3509.44	-	19.52	0.00	3489.92
MW - 28	07/11/18	3509.44	-	19.68	0.00	3489.76
MW - 28	08/08/18	3509.44	-	19.86	0.00	3489.58
MW - 28	09/12/18	3509.44	-	19.95	0.00	3489.49
MW - 28	11/12/18	3509.44	-	19.63	0.00	3489.81
MW - 28	01/09/19	3509.44	-	19.52	0.00	3489.92
MW - 28	02/12/19	3509.44	-	19.49	0.00	3489.95
MW - 28	03/12/19	3509.44	-	19.42	0.00	3490.02
MW - 28	04/01/19	3509.44	-	19.36	0.00	3490.08
MW - 28	05/07/19	3509.44	-	19.29	0.00	3490.15
MW - 28	06/14/19	3509.44	-	19.48	0.00	3489.96
MW - 28	07/11/19	3509.44	-	19.77	0.00	3489.67
MW - 28	08/07/19	3509.44	-	19.91	0.00	3489.53
MW - 28	09/12/19	3509.44	-	20.08	0.00	3489.36
MW - 28	10/15/19	3509.44	-	19.81	0.00	3489.63
MW - 28	11/06/19	3509.44	-	19.82	0.00	3489.62
MW - 28	12/17/19	3509.44	-	19.65	0.00	3489.79
MW - 28	01/06/20	3509.44	-	19.62	0.00	3489.82
MW - 28	03/04/20	3509.44	-	19.55	0.00	3489.89
MW - 28	05/14/20	3509.44	-	19.32	0.00	3490.12
MW - 28	06/17/20	3509.44	-	19.68	0.00	3489.76
MW - 28	07/21/20	3509.44	-	19.99	0.00	3489.45
MW - 28	08/13/20	3509.44	-	20.11	0.00	3489.33
MW - 28	09/14/20	3509.44	-	20.23	0.00	3489.21
MW - 28	12/09/20	3509.44	-	20.41	0.00	3489.03
MW - 28	01/13/21	3509.44	-	20.39	0.00	3489.05
MW - 28	02/10/21	3509.44	-	20.33	0.00	3489.11
MW - 28	04/21/21	3509.44	-	20.23	0.00	3489.21
MW - 28	06/09/21	3509.44	-	20.21	0.00	3489.23
MW - 28	09/22/21	3509.44	-	20.44	0.00	3489.00
MW - 28	10/14/21	3509.44	-	20.48	0.00	3488.96
MW - 28	12/06/21	3509.44	-	20.56	0.00	3488.88
MW - 28	03/14/22	3509.44	-	20.52	0.00	3488.92
MW - 28	04/20/22	3509.44	-	20.50	0.00	3488.94
MW - 28	05/09/22	3509.44	-	20.55	0.00	3488.89

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 - 28	08/16/22	3509.44	-	20.96	0.00	3488.48
MW - 28	11/10/22	3509.44	-	20.82	0.00	3488.62
MW - 28	02/27/23	3509.44	-	20.60	0.00	3488.84
MW - 28	05/10/23	3509.44	-	20.36	0.00	3489.08
MW - 28	08/16/23	3509.44	-	20.97	0.00	3488.47
MW - 28	12/15/23	3509.44	-	20.77	0.00	3488.67
RW - 1	11/06/02	3507.27	20.20	20.82	0.62	3486.98
RW - 1	11/12/02	3507.27	20.06	20.26	0.20	3487.18
RW - 1	01/07/03	3507.27	19.62	21.18	1.56	3487.42
RW - 1	01/27/03	3507.27	19.65	20.35	0.70	3487.52
RW - 1	02/26/03	3507.27	19.62	20.22	0.60	3487.56
RW - 1	03/11/03	3507.27	19.69	20.55	0.86	3487.45
RW - 1	03/19/03	3507.27	19.65	20.70	1.05	3487.46
RW - 1	03/25/03	3507.27	19.55	20.71	1.16	3487.55
RW - 1	04/16/03	3507.27	19.70	20.28	0.58	3487.48
RW - 1	04/23/03	3507.27	19.53	20.39	0.86	3487.61
RW - 1	04/29/03	3507.27	19.55	20.45	0.90	3487.59
RW - 1	05/14/03	3507.27	19.74	20.24	0.50	3487.46
RW - 1	05/20/03	3507.27	20.12	20.41	0.29	3487.11
RW - 1	05/27/03	3507.27	19.93	20.12	0.19	3487.31
RW - 1	06/04/03	3507.27	19.81	20.40	0.59	3487.37
RW - 1	06/26/03	3507.27	19.51	20.22	0.71	3487.65
RW - 1	07/07/03	3507.27	20.22	21.21	0.99	3486.90
RW - 1	07/30/03	3507.27	20.33	20.63	0.30	3486.90
RW - 1	08/06/03	3507.27	20.56	20.89	0.33	3486.66
RW - 1	08/21/03	3507.27	20.77	21.02	0.25	3486.46
RW - 1	08/27/03	3507.27	21.02	21.06	0.04	3486.24
RW - 1	09/08/03	3507.27	20.68	20.99	0.31	3486.54
RW - 1	09/15/03	3507.27	20.62	20.96	0.34	3486.60
RW - 1	09/24/03	3507.27	21.09	21.12	0.03	3486.18
RW - 1	10/02/03	3507.27	20.86	20.92	0.06	3486.40
RW - 1	10/08/03	3507.27	20.75	20.80	0.05	3486.51
RW - 1	10/16/03	3507.27	21.07	21.10	0.03	3486.20
RW - 1	10/28/03	3507.27	21.14	21.16	0.02	3486.13
RW - 1	11/11/03	3507.27	-	21.21	0.00	3486.06
RW - 1	11/18/03	3507.27	21.03	21.04	0.01	3486.24
RW - 1	12/10/03	3507.27	20.73	20.98	0.25	3486.50
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			

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.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	12/03/04	3507.27	WELL OBSTRUCTED			
RW - 1	03/08/05	3507.27	18.04	18.80	0.76	3489.12
RW - 1	06/08/05	3507.27	WELL OBSTRUCTED			
RW - 1	09/15/05	3507.27	17.78	19.10	1.32	3489.29
RW - 1	12/12/05	3507.27	17.64	21.64	4.00	3489.03
RW - 1	03/16/06	3507.27	17.66	21.08	3.42	3489.10
RW - 1	03/28/06	3507.27	17.90	18.98	1.08	3489.21
RW - 1	04/03/06	3507.27	17.85	18.89	1.04	3489.26
RW - 1	04/10/06	3507.27	17.84	18.34	0.50	3489.36
RW - 1	04/17/06	3507.27	17.86	18.18	0.32	3489.36
RW - 1	05/01/06	3507.27	17.87	18.06	0.19	3489.37
RW - 1	05/08/06	3507.27	17.89	18.16	0.27	3489.34
RW - 1	05/15/06	3507.27	17.93	18.40	0.47	3489.27
RW - 1	06/05/06	3507.27	18.16	18.54	0.38	3489.05
RW - 1	06/12/06	3507.27	18.34	18.61	0.27	3488.89
RW - 1	06/15/06	3507.27	18.32	18.47	0.15	3488.93
RW - 1	06/19/06	3507.27	18.48	18.71	0.23	3488.76
RW - 1	07/03/06	3507.27	sheen	18.65	0.00	3488.62
RW - 1	07/10/06	3507.27	18.49	18.68	0.19	3488.75
RW - 1	07/17/06	3507.27	18.35	18.47	0.12	3488.90
RW - 1	07/26/06	3507.27	18.42	18.65	0.23	3488.82
RW - 1	07/31/06	3507.27	18.51	18.69	0.18	3488.73
RW - 1	08/07/06	3507.27	18.52	18.71	0.19	3488.72
RW - 1	08/17/06	3507.27	18.44	18.58	0.14	3488.81
RW - 1	08/21/06	3507.27	18.35	18.52	0.17	3488.89
RW - 1	09/06/06	3507.27	18.10	18.44	0.34	3489.12
RW - 1	09/11/06	3507.27	18.13	18.46	0.33	3489.09
RW - 1	09/18/06	3507.27	18.07	18.53	0.46	3489.13
RW - 1	09/25/06	3507.27	18.04	18.78	0.74	3489.12
RW - 1	10/02/06	3507.27	18.00	18.72	0.72	3489.16
RW - 1	10/09/06	3507.27	18.07	18.84	0.77	3489.08
RW - 1	10/17/06	3507.27	18.10	18.97	0.87	3489.04
RW - 1	10/23/06	3507.27	18.04	18.08	0.04	3489.22
RW - 1	10/30/06	3507.27	18.02	18.06	0.04	3489.24
RW - 1	11/06/06	3507.27	18.12	18.71	0.59	3489.06
RW - 1	11/13/06	3507.27	18.15	18.46	0.31	3489.07
RW - 1	11/20/06	3507.27	18.13	18.34	0.21	3489.11
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	05/01/07	3507.27	17.86	18.11	0.25	3489.37
RW - 1	05/12/07	3507.27	17.86	18.11	0.25	3489.37
RW - 1	05/17/07	3507.27	17.74	17.91	0.17	3489.50
RW - 1	05/21/07	3507.27	17.72	17.90	0.18	3489.52
RW - 1	05/22/07	3507.27	17.72	17.90	0.18	3489.52
RW - 1	06/01/07	3507.27	17.71	17.91	0.20	3489.53
RW - 1	06/06/07	3507.27	17.73	17.97	0.24	3489.50
RW - 1	06/11/07	3507.27	17.81	17.98	0.17	3489.43
RW - 1	06/19/07	3507.27	17.85	18.04	0.19	3489.39
RW - 1	06/25/07	3507.27	17.93	18.06	0.13	3489.32
RW - 1	07/03/07	3507.27	18.00	18.24	0.24	3489.23
RW - 1	07/18/07	3507.27	18.18	18.30	0.12	3489.07
RW - 1	07/23/07	3507.27	18.24	18.39	0.15	3489.01
RW - 1	07/31/07	3507.27	18.37	18.88	0.51	3488.82
RW - 1	08/14/07	3507.27	18.37	18.56	0.19	3488.87
RW - 1	08/15/07	3507.27	18.39	18.51	0.12	3488.86
RW - 1	08/29/07	3507.27	18.51	18.76	0.25	3488.72
RW - 1	09/07/07	3507.27	18.55	18.77	0.22	3488.69
RW - 1	09/10/07	3507.27	18.44	18.59	0.15	3488.81
RW - 1	09/17/07	3507.27	18.27	18.35	0.08	3488.99
RW - 1	09/24/07	3507.27	18.22	18.39	0.17	3489.02
RW - 1	11/05/07	3507.27	18.19	18.71	0.52	3489.00
RW - 1	11/06/07	3507.27	18.24	18.29	0.05	3489.02
RW - 1	11/12/07	3507.27	18.18	18.38	0.20	3489.06
RW - 1	11/19/07	3507.27	18.22	18.31	0.09	3489.04
RW - 1	11/30/07	3507.27	18.24	18.29	0.05	3489.02
RW - 1	12/03/07	3507.27	18.21	18.23	0.02	3489.06
RW - 1	12/14/07	3507.27	18.14	18.26	0.12	3489.11
RW - 1	12/17/07	3507.27	18.19	18.24	0.05	3489.07
RW - 1	01/09/08	3507.27	18.07	18.26	0.19	3489.17
RW - 1	01/16/08	3507.27	18.13	18.48	0.35	3489.09
RW - 1	01/30/08	3507.27	18.06	18.25	0.19	3489.18
RW - 1	02/08/08	3507.27	18.10	18.32	0.22	3489.14
RW - 1	02/12/08	3507.27	18.09	18.29	0.20	3489.15
RW - 1	02/14/08	3507.27	18.10	18.21	0.11	3489.15
RW - 1	02/20/08	3507.27	18.08	18.18	0.10	3489.18
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.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	08/11/08	3507.27	18.80	18.81	0.01	3488.47
RW - 1	08/14/08	3507.27	18.80	18.93	0.13	3488.45
RW - 1	08/18/08	3507.27	18.79	18.92	0.13	3488.46
RW - 1	08/28/08	3507.27	18.76	18.85	0.09	3488.50
RW - 1	09/17/08	3507.27	18.53	18.64	0.11	3488.72
RW - 1	09/29/08	3507.27	18.51	18.63	0.12	3488.74
RW - 1	10/06/08	3507.27	18.51	18.64	0.13	3488.74
RW - 1	10/13/08	3507.27	18.54	18.59	0.05	3488.72
RW - 1	10/20/08	3507.27	18.41	18.49	0.08	3488.85
RW - 1	10/29/08	3507.27	18.39	18.47	0.08	3488.87
RW - 1	10/30/08	3507.27	18.44	18.45	0.01	3488.83
RW - 1	11/06/08	3507.27	18.36	18.42	0.06	3488.90
RW - 1	11/12/08	3507.27	18.34	18.43	0.09	3488.92
RW - 1	11/13/08	3507.27	18.34	18.43	0.09	3488.92
RW - 1	12/16/08	3507.27	18.36	18.43	0.07	3488.90
RW - 1	12/19/08	3507.27	18.33	18.38	0.05	3488.93
RW - 1	12/22/08	3507.27	18.32	18.35	0.03	3488.95
RW - 1	01/06/09	3507.27	18.31	18.33	0.02	3488.96
RW - 1	01/12/09	3507.27	18.29	18.71	0.42	3488.92
RW - 1	01/19/09	3507.27	18.29	18.51	0.22	3488.95
RW - 1	01/22/09	3507.27	18.26	18.29	0.03	3489.01
RW - 1	01/26/09	3507.27	18.31	18.38	0.07	3488.95
RW - 1	02/10/09	3507.27	18.23	18.27	0.04	3489.03
RW - 1	02/13/09	3507.27	18.34	18.76	0.42	3488.87
RW - 1	02/24/09	3507.27	18.39	18.73	0.34	3488.83
RW - 1	03/02/09	3507.27	18.23	18.52	0.29	3489.00
RW - 1	03/05/09	3507.27	18.23	18.30	0.07	3489.03
RW - 1	03/09/09	3507.27	18.20	18.22	0.02	3489.07
RW - 1	03/16/09	3507.27	18.19	18.25	0.06	3489.07
RW - 1	03/19/09	3507.27	18.25	18.55	0.30	3488.98
RW - 1	03/25/09	3507.27	18.27	18.58	0.31	3488.95
RW - 1	03/30/09	3507.27	18.29	18.56	0.27	3488.94
RW - 1	04/13/09	3507.27	18.18	18.21	0.03	3489.09
RW - 1	04/16/09	3507.27	18.29	18.46	0.17	3488.95
RW - 1	04/21/09	3507.27	18.27	18.42	0.15	3488.98
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.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	08/03/09	3507.27	18.72	18.78	0.06	3488.54
RW - 1	08/10/09	3507.27	18.82	18.88	0.06	3488.44
RW - 1	08/10/09	3507.27	18.82	18.88	0.06	3488.44
RW - 1	08/18/09	3507.27	18.83	19.07	0.24	3488.40
RW - 1	08/24/09	3507.27	18.88	18.95	0.07	3488.38
RW - 1	08/28/09	3507.27	18.90	18.94	0.04	3488.36
RW - 1	08/31/09	3507.27	-	19.98	0.00	3487.29
RW - 1	09/02/09	3507.27	-	18.95	0.00	3488.32
RW - 1	09/08/09	3507.27	-	19.07	0.00	3488.20
RW - 1	09/10/09	3507.27	-	18.96	0.00	3488.31
RW - 1	09/16/09	3507.27	-	19.02	0.00	3488.25
RW - 1	09/18/09	3507.27	-	19.02	0.00	3488.25
RW - 1	09/22/09	3507.27	-	19.09	0.00	3488.18
RW - 1	09/28/09	3507.27	18.92	18.96	0.04	3488.34
RW - 1	10/09/09	3507.27	19.14	19.36	0.22	3488.10
RW - 1	10/12/09	3507.27	18.24	18.29	0.05	3489.02
RW - 1	10/20/09	3507.27	sheen	19.24	0.00	3488.03
RW - 1	10/26/09	3507.27	18.25	18.28	0.03	3489.02
RW - 1	10/28/09	3507.27	-	19.24	0.00	3488.03
RW - 1	11/03/09	3507.27	-	19.15	0.00	3488.12
RW - 1	11/12/09	3507.27	-	19.33	0.00	3487.94
RW - 1	11/18/09	3507.27	-	19.32	0.00	3487.95
RW - 1	12/03/09	3507.27	sheen	19.32	0.00	3487.95
RW - 1	12/11/09	3507.27	sheen	19.31	0.00	3487.96
RW - 1	12/16/09	3507.27	sheen	19.06	0.00	3488.21
RW - 1	12/21/09	3507.27	sheen	19.18	0.00	3488.09
RW - 1	12/28/09	3507.27	sheen	19.35	0.00	3487.92
RW - 1	01/04/09	3507.27	sheen	19.14	0.00	3488.13
RW - 1	01/14/10	3507.27	sheen	19.09	0.00	3488.18
RW - 1	01/20/10	3507.27	sheen	19.14	0.00	3488.13
RW - 1	01/25/10	3507.27	sheen	19.27	0.00	3488.00
RW - 1	01/27/10	3507.27	sheen	19.15	0.00	3488.12
RW - 1	02/01/10	3507.27	sheen	19.21	0.00	3488.06
RW - 1	02/08/10	3507.27	sheen	19.04	0.00	3488.23
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.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	06/04/10	3507.27	sheen	18.49	0.00	3488.78
RW - 1	06/07/10	3507.27	sheen	18.68	0.00	3488.59
RW - 1	06/12/10	3507.27	sheen	18.74	0.00	3488.53
RW - 1	06/24/10	3507.27	sheen	18.90	0.00	3488.37
RW - 1	06/30/10	3507.27	sheen	18.42	0.00	3488.85
RW - 1	07/07/10	3507.27	sheen	18.60	0.00	3488.67
RW - 1	07/12/10	3507.27	sheen	18.22	0.00	3489.05
RW - 1	07/19/10	3507.27	sheen	18.33	0.00	3488.94
RW - 1	08/03/10	3507.27	18.08	18.10	0.02	3489.19
RW - 1	08/11/10	3507.27	18.08	18.10	0.02	3489.19
RW - 1	08/19/10	3507.27	18.11	18.12	0.01	3489.16
RW - 1	08/25/10	3507.27	18.19	18.26	0.07	3489.07
RW - 1	09/01/10	3507.27	18.20	18.29	0.09	3489.06
RW - 1	09/09/10	3507.27	18.30	18.41	0.11	3488.95
RW - 1	09/13/10	3507.27	18.08	18.10	0.02	3489.19
RW - 1	09/29/10	3507.27	18.38	18.50	0.12	3488.87
RW - 1	10/05/10	3507.27	18.06	18.11	0.05	3489.20
RW - 1	10/20/10	3507.27	18.50	18.94	0.44	3488.70
RW - 1	10/25/10	3507.27	18.52	18.93	0.41	3488.69
RW - 1	11/03/10	3507.27	18.06	18.09	0.03	3489.21
RW - 1	11/10/10	3507.27	18.15	18.21	0.06	3489.11
RW - 1	11/12/10	3507.27	18.15	18.21	0.06	3489.11
RW - 1	12/09/10	3507.27	18.02	18.13	0.11	3489.23
RW - 1	01/18/11	3507.27	18.15	18.21	0.06	3489.11
RW - 1	02/16/11	3507.27	18.14	18.23	0.09	3489.12
RW - 1	03/01/11	3507.27	18.38	18.39	0.01	3488.89
RW - 1	03/07/11	3507.27	18.35	18.36	0.01	3488.92
RW - 1	03/22/11	3507.27	18.15	18.21	0.06	3489.11
RW - 1	04/27/11	3507.27	18.34	18.63	0.29	3488.89
RW - 1	05/05/11	3507.27	18.46	18.49	0.03	3488.81
RW - 1	05/10/11	3507.27	18.51	18.53	0.02	3488.76
RW - 1	05/17/11	3507.27	18.52	18.54	0.02	3488.75
RW - 1	05/19/11	3507.27	18.52	18.54	0.02	3488.75
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	02/03/12	3507.27	-	19.11	0.00	3488.16
RW - 1	02/29/12	3507.27	-	19.01	0.00	3488.26
RW - 1	03/14/12	3507.27	-	18.86	0.00	3488.41
RW - 1	03/19/12	3507.27	-	19.10	0.00	3488.17
RW - 1	03/29/12	3507.27	-	18.89	0.00	3488.38
RW - 1	04/05/12	3507.27	-	18.82	0.00	3488.45
RW - 1	04/18/12	3507.27	-	18.81	0.00	3488.46
RW - 1	04/27/12	3507.27	-	18.82	0.00	3488.45
RW - 1	05/02/12	3507.27	-	18.87	0.00	3488.40
RW - 1	05/31/12	3507.27	-	18.95	0.00	3488.32
RW - 1	06/08/12	3507.27	19.81	19.82	0.01	3487.46
RW - 1	06/12/12	3507.27	18.92	18.94	0.02	3488.35
RW - 1	06/21/12	3507.27	-	19.06	0.00	3488.21
RW - 1	06/29/12	3507.27	-	19.18	0.00	3488.09
RW - 1	07/13/12	3507.27	19.21	19.27	0.06	3488.05
RW - 1	12/06/12	3507.27	20.73	20.74	0.01	3486.54
RW - 1	12/11/12	3507.27	-	20.72	0.00	3486.55
RW - 1	12/18/12	3507.27	19.69	19.70	0.01	3487.58
RW - 1	01/09/13	3507.27	20.64	20.66	0.02	3486.63
RW - 1	01/15/13	3507.27	-	20.65	0.00	3486.62
RW - 1	01/23/13	3507.27	-	20.65	0.00	3486.62
RW - 1	01/29/13	3507.27	-	20.61	0.00	3486.66
RW - 1	02/07/13	3507.27	-	20.63	0.00	3486.64
RW - 1	02/13/13	3507.27	20.60	20.61	0.01	3486.67
RW - 1	02/20/13	3507.27	-	20.54	0.00	3486.73
RW - 1	03/15/13	3507.27	-	20.55	0.00	3486.72
RW - 1	03/19/13	3507.27	-	20.54	0.00	3486.73
RW - 1	04/02/13	3507.27	-	20.56	0.00	3486.71
RW - 1	04/09/13	3507.27	-	20.50	0.00	3486.77
RW - 1	04/16/13	3507.27	-	20.49	0.00	3486.78
RW - 1	04/23/13	3507.27	20.49	20.50	0.01	3486.78
RW - 1	04/30/13	3507.27	-	20.46	0.00	3486.81
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	-

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.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	12/12/13	-	-	23.58	0.00	-
RW - 1	12/19/13	-	-	23.55	0.00	-
RW - 1	01/03/14	-	-	23.50	0.00	-
RW - 1	01/09/14	-	-	23.52	0.00	-
RW - 1	01/13/14	-	-	23.50	0.00	-
RW - 1	01/21/14	-	-	23.48	0.00	-
RW - 1	01/24/14	-	-	23.54	0.00	-
RW - 1	02/04/14	3512.54	-	23.45	0.00	3489.09
RW - 1	02/10/14	3512.54	-	23.51	0.00	3489.03
RW - 1	02/27/14	3512.54	-	23.45	0.00	3489.09
RW - 1	03/17/14	3512.54	-	23.35	0.00	3489.19
RW - 1	03/27/14	3512.54	-	23.31	0.00	3489.23
RW - 1	04/02/14	3512.54	-	23.27	0.00	3489.27
RW - 1	04/16/14	3512.54	-	23.20	0.00	3489.34
RW - 1	04/22/14	3512.54	-	23.20	0.00	3489.34
RW - 1	04/28/14	3512.54	-	23.23	0.00	3489.31
RW - 1	05/06/14	3512.54	-	23.19	0.00	3489.35
RW - 1	05/13/14	3512.54	-	23.22	0.00	3489.32
RW - 1	05/14/14	3512.54	-	23.21	0.00	3489.33
RW - 1	05/21/14	3512.54	-	23.21	0.00	3489.33
RW - 1	06/05/14	3512.54	-	23.30	0.00	3489.24
RW - 1	06/11/14	3512.54	-	23.36	0.00	3489.18
RW - 1	06/16/14	3512.54	-	23.43	0.00	3489.11
RW - 1	06/24/14	3512.54	-	23.54	0.00	3489.00
RW - 1	07/01/14	3512.54	-	23.62	0.00	3488.92
RW - 1	07/08/14	3512.54	-	23.67	0.00	3488.87
RW - 1	07/15/14	3512.54	-	23.70	0.00	3488.84
RW - 1	07/22/14	3512.54	-	23.81	0.00	3488.73
RW - 1	07/23/14	3512.54	-	23.81	0.00	3488.73
RW - 1	07/31/14	3512.54	-	23.98	0.00	3488.56
RW - 1	08/05/14	3512.54	-	24.08	0.00	3488.46
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	03/03/15	3512.54	-	22.82	0.00	3489.72
RW - 1	03/09/15	3512.54	-	22.87	0.00	3489.67
RW - 1	03/16/15	3512.54	-	22.82	0.00	3489.72
RW - 1	03/20/15	3512.54	-	22.85	0.00	3489.69
RW - 1	03/23/15	3512.54	-	22.87	0.00	3489.67
RW - 1	03/30/15	3512.54	-	22.74	0.00	3489.80
RW - 1	04/04/15	3512.54	-	22.80	0.00	3489.74
RW - 1	04/07/15	3512.54	-	22.64	0.00	3489.90
RW - 1	04/14/15	3512.54	-	22.72	0.00	3489.82
RW - 1	04/20/15	3512.54	-	22.70	0.00	3489.84
RW - 1	04/27/15	3512.54	-	22.69	0.00	3489.85
RW - 1	05/07/15	3512.54	-	22.65	0.00	3489.89
RW - 1	05/11/15	3512.54	-	22.64	0.00	3489.90
RW - 1	05/21/15	3512.54	-	22.54	0.00	3490.00
RW - 1	05/27/15	3512.54	-	22.59	0.00	3489.95
RW - 1	05/28/15	3512.54	-	22.57	0.00	3489.97
RW - 1	06/03/15	3512.54	-	22.55	0.00	3489.99
RW - 1	06/08/15	3512.54	-	22.55	0.00	3489.99
RW - 1	06/15/15	3512.54	-	22.49	0.00	3490.05
RW - 1	06/25/15	3512.54	-	22.64	0.00	3489.90
RW - 1	06/29/15	3512.54	-	22.55	0.00	3489.99
RW - 1	07/08/15	3512.54	-	22.56	0.00	3489.98
RW - 1	07/09/15	3512.54	-	22.61	0.00	3489.93
RW - 1	07/14/15	3512.54	-	22.58	0.00	3489.96
RW - 1	07/20/15	3512.54	-	22.71	0.00	3489.83
RW - 1	07/28/15	3512.54	-	22.75	0.00	3489.79
RW - 1	08/03/15	3512.54	-	22.79	0.00	3489.75
RW - 1	08/04/15	3512.54	-	22.86	0.00	3489.68
RW - 1	08/10/15	3512.54	-	22.91	0.00	3489.63
RW - 1	08/17/15	3512.54	-	22.98	0.00	3489.56
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	03/07/16	3512.54	-	22.51	0.00	3490.03
RW - 1	03/15/16	3512.54	-	22.53	0.00	3490.01
RW - 1	03/21/16	3512.54	-	22.40	0.00	3490.14
RW - 1	03/28/16	3512.54	-	22.48	0.00	3490.06
RW - 1	04/05/16	3512.54	-	22.44	0.00	3490.10
RW - 1	04/08/16	3512.54	-	22.47	0.00	3490.07
RW - 1	04/12/16	3512.54	-	22.46	0.00	3490.08
RW - 1	04/18/16	3512.54	-	22.46	0.00	3490.08
RW - 1	04/25/16	3512.54	-	22.40	0.00	3490.14
RW - 1	05/02/16	3512.54	-	22.42	0.00	3490.12
RW - 1	05/23/16	3512.54	-	22.39	0.00	3490.15
RW - 1	06/01/16	3512.54	-	22.50	0.00	3490.04
RW - 1	06/06/16	3512.54	-	22.46	0.00	3490.08
RW - 1	06/28/16	3512.54	-	22.65	0.00	3489.89
RW - 1	07/12/16	3512.54	-	22.81	0.00	3489.73
RW - 1	07/19/16	3512.54	-	22.85	0.00	3489.69
RW - 1	07/27/16	3512.54	-	22.92	0.00	3489.62
RW - 1	08/03/16	3512.54	-	22.93	0.00	3489.61
RW - 1	08/08/16	3512.54	-	23.00	0.00	3489.54
RW - 1	08/16/16	3512.54	-	23.05	0.00	3489.49
RW - 1	08/23/16	3512.54	-	23.07	0.00	3489.47
RW - 1	08/31/16	3512.54	-	22.87	0.00	3489.67
RW - 1	09/14/16	3512.54	-	22.26	0.00	3490.28
RW - 1	09/22/16	3512.54	-	22.11	0.00	3490.43
RW - 1	09/27/16	3512.54	-	21.95	0.00	3490.59
RW - 1	10/07/16	3512.54	-	21.87	0.00	3490.67
RW - 1	10/21/16	3512.54	-	21.92	0.00	3490.62
RW - 1	10/28/16	3512.54	-	21.93	0.00	3490.61
RW - 1	11/04/16	3512.54	-	21.98	0.00	3490.56
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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Plains Marketing, L.P.
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Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	06/28/17	3512.54	-	22.25	0.00	3490.29
RW - 1	07/05/17	3512.54	-	22.36	0.00	3490.18
RW - 1	07/11/17	3512.54	-	22.39	0.00	3490.15
RW - 1	07/17/17	3512.54	-	22.42	0.00	3490.12
RW - 1	07/20/17	3512.54	-	22.46	0.00	3490.08
RW - 1	08/16/17	3512.54	-	22.38	0.00	3490.16
RW - 1	09/05/17	3512.54	-	22.21	0.00	3490.33
RW - 1	09/13/17	3512.54	-	22.18	0.00	3490.36
RW - 1	09/19/17	3512.54	-	22.26	0.00	3490.28
RW - 1	09/29/17	3512.54	-	22.30	0.00	3490.24
RW - 1	10/05/17	3512.54	-	22.32	0.00	3490.22
RW - 1	10/12/17	3512.54	-	22.14	0.00	3490.40
RW - 1	10/20/17	3512.54	-	22.13	0.00	3490.41
RW - 1	10/24/17	3512.54	-	22.15	0.00	3490.39
RW - 1	11/02/17	3512.54	-	22.13	0.00	3490.41
RW - 1	11/14/17	3512.54	-	22.19	0.00	3490.35
RW - 1	12/20/17	3512.54	-	22.04	0.00	3490.50
RW - 1	12/28/17	3512.54	-	22.18	0.00	3490.36
RW - 1	01/03/18	3512.54	-	22.06	0.00	3490.48
RW - 1	01/09/18	3512.54	-	22.03	0.00	3490.51
RW - 1	01/19/18	3512.54	-	22.01	0.00	3490.53
RW - 1	01/24/18	3512.54	-	22.06	0.00	3490.48
RW - 1	02/07/18	3512.54	-	22.06	0.00	3490.48
RW - 1	02/12/18	3512.54	-	22.01	0.00	3490.53
RW - 1	02/22/18	3512.54	-	22.01	0.00	3490.53
RW - 1	03/02/18	3512.54	-	22.01	0.00	3490.53
RW - 1	03/07/18	3512.54	-	22.02	0.00	3490.52
RW - 1	03/19/18	3512.54	-	22.19	0.00	3490.35
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.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	12/03/18	3512.54	-	22.52	0.00	3490.02
RW - 1	12/19/18	3512.54	-	22.43	0.00	3490.11
RW - 1	12/27/18	3512.54	-	22.41	0.00	3490.13
RW - 1	01/03/19	3512.54	-	22.68	0.00	3489.86
RW - 1	01/09/19	3512.54	-	22.52	0.00	3490.02
RW - 1	01/16/19	3512.54	-	22.47	0.00	3490.07
RW - 1	02/06/19	3512.54	-	22.51	0.00	3490.03
RW - 1	02/13/19	3512.54	-	22.48	0.00	3490.06
RW - 1	02/28/19	3512.54	-	22.46	0.00	3490.08
RW - 1	03/06/19	3512.54	-	22.52	0.00	3490.02
RW - 1	03/12/19	3512.54	-	22.39	0.00	3490.15
RW - 1	03/19/19	3512.54	-	22.45	0.00	3490.09
RW - 1	03/28/19	3512.54	-	22.45	0.00	3490.09
RW - 1	04/01/19	3512.54	-	22.71	0.00	3489.83
RW - 1	04/10/19	3512.54	-	22.28	0.00	3490.26
RW - 1	04/17/19	3512.54	-	22.37	0.00	3490.17
RW - 1	04/24/19	3512.54	-	22.36	0.00	3490.18
RW - 1	05/01/19	3512.54	-	22.36	0.00	3490.18
RW - 1	05/08/19	3512.54	-	22.43	0.00	3490.11
RW - 1	06/14/19	3512.54	-	22.70	0.00	3489.84
RW - 1	07/11/19	3512.54	-	22.67	0.00	3489.87
RW - 1	08/08/19	3512.54	-	23.05	0.00	3489.49
RW - 1	09/12/19	3512.54	-	23.02	0.00	3489.52
RW - 1	09/17/19	3512.54	-	23.01	0.00	3489.53
RW - 1	10/15/19	3512.54	-	22.90	0.00	3489.64
RW - 1	11/06/19	3512.54	-	22.93	0.00	3489.61
RW - 1	12/17/19	3512.54	-	22.62	0.00	3489.92
RW - 1	01/06/20	3512.54	-	22.56	0.00	3489.98
RW - 1	01/23/20	3512.54	-	22.54	0.00	3490.00
RW - 1	01/29/20	3512.54	-	22.50	0.00	3490.04
RW - 1	03/04/20	3512.54	-	22.51	0.00	3490.03
RW - 1	05/14/20	3512.54	-	22.28	0.00	3490.26
RW - 1	05/21/20	3512.54	-	22.28	0.00	3490.26
RW - 1	06/18/20	3512.54	-	22.59	0.00	3489.95
RW - 1	07/01/20	3512.54	-	22.72	0.00	3489.82
RW - 1	07/21/20	3512.54	-	22.94	0.00	3489.60
RW - 1	08/13/20	3512.54	-	23.07	0.00	3489.47
RW - 1	09/14/20	3512.54	-	23.18	0.00	3489.36
RW - 1	12/10/20	3512.54	-	23.30	0.00	3489.24
RW - 1	01/13/21	3512.54	-	23.27	0.00	3489.27
RW - 1	02/11/21	3512.54	-	23.26	0.00	3489.28
RW - 1	04/21/21	3512.54	-	23.12	0.00	3489.42
RW - 1	06/10/21	3512.54	-	23.17	0.00	3489.37
RW - 1	07/31/21	3512.54	-	23.21	0.00	3489.33
RW - 1	08/31/21	3512.54	-	23.37	0.00	3489.17
RW - 1	09/23/21	3512.54	-	23.34	0.00	3489.20
RW - 1	10/14/21	3512.54	-	23.42	0.00	3489.12
RW - 1	10/28/21	3512.54	-	23.45	0.00	3489.09
RW - 1	12/06/21	3512.54	-	23.54	0.00	3489.00
RW - 1	03/16/22	3512.54	-	23.41	0.00	3489.13
RW - 1	04/20/22	3512.54	-	23.40	0.00	3489.14
RW - 1	05/10/22	3512.54	-	23.49	0.00	3489.05
RW - 1	08/16/22	3512.54	-	23.79	0.00	3488.75
RW - 1	11/10/22	3512.54	-	23.65	0.00	3488.89
RW - 1	03/01/23	3512.54	-	23.32	0.00	3489.22

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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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	05/10/23	3512.54	-	23.22	0.00	3489.32
RW - 1	08/17/23	3512.54	-	23.84	0.00	3488.70
RW - 1	12/15/23	3512.54	-	23.55	0.00	3488.99
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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.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	07/11/05	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	09/06/06	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.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	02/08/08	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.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	05/12/09	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	03/08/10	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
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	09/07/11	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.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	04/01/04	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 3	02/14/06	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
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.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	05/01/07	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
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.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	10/09/09	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.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	09/29/10	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
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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Plains Marketing, L.P.
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Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 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
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

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 - 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
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

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 - 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
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.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	08/08/18	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
RW - 3	01/23/20	3512.17	-	21.76	0.00	3490.41
RW - 3	02/21/20	3512.17	-	21.72	0.00	3490.45
RW - 3	03/05/20	3512.17	-	21.72	0.00	3490.45
RW - 3	05/14/20	3512.17	-	21.85	0.00	3490.32
RW - 3	05/21/20	3512.17	-	21.50	0.00	3490.67
RW - 3	06/18/20	3512.17	-	21.84	0.00	3490.33
RW - 3	07/01/20	3512.17	-	22.01	0.00	3490.16
RW - 3	07/21/20	3512.17	-	22.16	0.00	3490.01
RW - 3	08/13/20	3512.17	-	22.30	0.00	3489.87
RW - 3	09/14/20	3512.17	-	22.44	0.00	3489.73
RW - 3	09/30/20	3512.17	-	22.46	0.00	3489.71
RW - 3	12/10/20	3512.17	-	22.53	0.00	3489.64
RW - 3	01/13/21	3512.17	-	22.46	0.00	3489.71
RW - 3	02/11/21	3512.17	-	22.43	0.00	3489.74
RW - 3	04/21/21	3512.17	-	22.33	0.00	3489.84

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.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	04/28/21	3512.17	-	22.31	0.00	3489.86
RW - 3	06/11/21	3512.17	-	22.32	0.00	3489.85
RW - 3	07/31/21	3512.17	-	22.35	0.00	3489.82
RW - 3	08/31/21	3512.17	-	22.58	0.00	3489.59
RW - 3	09/23/21	3512.17	-	22.61	0.00	3489.56
RW - 3	10/14/21	3512.17	-	22.63	0.00	3489.54
RW - 3	10/28/21	3512.17	-	22.67	0.00	3489.50
RW - 3	12/06/21	3512.17	-	22.73	0.00	3489.44
RW - 3	02/23/22	3512.17	-	22.63	0.00	3489.54
RW - 3	03/15/22	3512.17	-	22.62	0.00	3489.55
RW - 3	04/20/22	3512.17	-	22.59	0.00	3489.58
RW - 3	05/10/22	3512.17	-	22.84	0.00	3489.33
RW - 3	08/16/22	3512.17	-	23.09	0.00	3489.08
RW - 3	11/10/22	3512.17	-	22.98	0.00	3489.19
RW - 3	02/28/23	3512.17	-	22.59	0.00	3489.58
RW - 3	05/11/23	3512.17	-	22.46	0.00	3489.71
RW - 3	08/17/23	3512.17	-	23.05	0.00	3489.12
RW - 3	12/14/23	3512.17	-	22.85	0.00	3489.32
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.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	04/14/04	3507.22	-	19.39	0.00	3487.83
RW - 4	04/16/04	3507.22	-	19.54	0.00	3487.68
RW - 4	04/22/04	3507.22	-	18.71	0.00	3488.51
RW - 4	04/29/04	3507.22	-	18.74	0.00	3488.48
RW - 4	05/11/04	3507.22	-	18.74	0.00	3488.48
RW - 4	06/08/04	3507.22	-	18.83	0.00	3488.39
RW - 4	06/17/04	3507.22	-	18.80	0.00	3488.42
RW - 4	06/22/04	3507.22	-	18.83	0.00	3488.39
RW - 4	06/29/04	3507.22	-	18.81	0.00	3488.41
RW - 4	07/06/04	3507.22	-	18.82	0.00	3488.40
RW - 4	07/13/04	3507.22	-	18.87	0.00	3488.35
RW - 4	07/20/04	3507.22	-	18.97	0.00	3488.25
RW - 4	08/04/04	3507.22	-	18.99	0.00	3488.23
RW - 4	08/10/04	3507.22	-	18.97	0.00	3488.25
RW - 4	08/16/04	3507.22	19.20	19.23	0.03	3488.02
RW - 4	08/23/04	3507.22	19.14	19.17	0.03	3488.08
RW - 4	08/25/04	3507.22	19.10	19.15	0.05	3488.11
RW - 4	08/26/04	3507.22	sheen	19.10	0.00	3488.12
RW - 4	08/31/04	3507.22	sheen	19.22	0.00	3488.00
RW - 4	09/13/04	3507.22	19.26	19.30	0.04	3487.95
RW - 4	09/20/04	3507.22	sheen	19.34	0.00	3487.88
RW - 4	09/30/04	3507.22	sheen	19.29	0.00	3487.93
RW - 4	10/04/04	3507.22	sheen	18.90	0.00	3488.32
RW - 4	10/11/04	3507.22	sheen	18.70	0.00	3488.52
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.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	03/28/05	3507.22	sheen	17.68	0.00	3489.54
RW - 4	04/01/05	3507.22	sheen	17.70	0.00	3489.52
RW - 4	04/05/05	3507.22	sheen	17.68	0.00	3489.54
RW - 4	04/08/05	3507.22	sheen	17.69	0.00	3489.53
RW - 4	04/12/05	3507.22	sheen	17.65	0.00	3489.57
RW - 4	04/15/05	3507.22	sheen	17.62	0.00	3489.60
RW - 4	05/25/05	3507.22	sheen	17.43	0.00	3489.79
RW - 4	05/27/05	3507.22	sheen	17.42	0.00	3489.80
RW - 4	05/31/05	3507.22	sheen	17.40	0.00	3489.82
RW - 4	06/03/05	3507.22	sheen	17.35	0.00	3489.87
RW - 4	06/06/05	3507.22	sheen	17.36	0.00	3489.86
RW - 4	06/08/05	3507.22	sheen	17.36	0.00	3489.86
RW - 4	06/13/05	3507.22	sheen	17.35	0.00	3489.87
RW - 4	06/20/05	3507.22	sheen	17.38	0.00	3489.84
RW - 4	06/24/05	3507.22	sheen	17.39	0.00	3489.83
RW - 4	06/27/05	3507.22	sheen	17.34	0.00	3489.88
RW - 4	07/11/05	3507.22	sheen	17.48	0.00	3489.74
RW - 4	07/15/05	3507.22	sheen	17.51	0.00	3489.71
RW - 4	07/18/05	3507.22	sheen	17.62	0.00	3489.60
RW - 4	07/21/05	3507.22	sheen	17.63	0.00	3489.59
RW - 4	07/25/05	3507.22	sheen	17.74	0.00	3489.48
RW - 4	08/01/05	3507.22	sheen	17.66	0.00	3489.56
RW - 4	08/04/05	3507.22	sheen	17.66	0.00	3489.56
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.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	03/06/06	3507.22	sheen	17.29	0.00	3489.93
RW - 4	03/15/06	3507.22	sheen	17.20	0.00	3490.02
RW - 4	03/16/06	3507.22	17.28	17.29	0.01	3489.94
RW - 4	03/21/06	3507.22	sheen	17.34	0.00	3489.88
RW - 4	03/28/06	3507.22	sheen	17.36	0.00	3489.86
RW - 4	04/03/06	3507.22	sheen	17.29	0.00	3489.93
RW - 4	04/17/06	3507.22	sheen	17.20	0.00	3490.02
RW - 4	05/01/06	3507.22	sheen	17.18	0.00	3490.04
RW - 4	05/08/06	3507.22	sheen	17.23	0.00	3489.99
RW - 4	05/15/06	3507.22	sheen	17.33	0.00	3489.89
RW - 4	05/30/06	3507.22	17.50	17.51	0.01	3489.72
RW - 4	06/05/06	3507.22	sheen	17.66	0.00	3489.56
RW - 4	06/12/06	3507.22	17.87	17.88	0.01	3489.35
RW - 4	06/15/06	3507.22	17.71	17.82	0.11	3489.49
RW - 4	06/19/06	3507.22	17.82	17.88	0.06	3489.39
RW - 4	07/03/06	3507.22	17.90	17.91	0.01	3489.32
RW - 4	07/10/06	3507.22	17.89	17.90	0.01	3489.33
RW - 4	07/17/06	3507.22	sheen	17.76	0.00	3489.46
RW - 4	07/26/06	3507.22	17.89	17.90	0.01	3489.33
RW - 4	07/31/06	3507.22	sheen	17.94	0.00	3489.28
RW - 4	08/07/06	3507.22	17.97	18.01	0.04	3489.24
RW - 4	08/17/06	3507.22	sheen	17.89	0.00	3489.33
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.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	05/17/07	3507.22	17.16	17.17	0.01	3490.06
RW - 4	05/21/07	3507.22	17.14	17.16	0.02	3490.08
RW - 4	05/22/07	3507.22	17.14	17.16	0.02	3490.08
RW - 4	06/01/07	3507.22	-	17.12	0.00	3490.10
RW - 4	06/06/07	3507.22	sheen	17.16	0.00	3490.06
RW - 4	06/11/07	3507.22	17.19	17.21	0.02	3490.03
RW - 4	06/19/07	3507.22	sheen	17.30	0.00	3489.92
RW - 4	06/25/07	3507.22	sheen	17.43	0.00	3489.79
RW - 4	07/03/07	3507.22	sheen	17.53	0.00	3489.69
RW - 4	07/23/07	3507.22	sheen	17.70	0.00	3489.52
RW - 4	07/31/07	3507.22	sheen	17.79	0.00	3489.43
RW - 4	08/15/07	3507.22	sheen	17.92	0.00	3489.30
RW - 4	09/24/07	3507.22	sheen	17.87	0.00	3489.35
RW - 4	11/05/07	3507.22	sheen	17.66	0.00	3489.56
RW - 4	11/06/07	3507.22	sheen	17.76	0.00	3489.46
RW - 4	11/12/07	3507.22	sheen	17.82	0.00	3489.40
RW - 4	11/30/07	3507.22	sheen	17.80	0.00	3489.42
RW - 4	12/14/07	3507.22	sheen	17.60	0.00	3489.62
RW - 4	01/09/08	3507.22	sheen	17.56	0.00	3489.66
RW - 4	01/16/08	3507.22	sheen	17.62	0.00	3489.60
RW - 4	01/21/08	3507.22	sheen	17.63	0.00	3489.59
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.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	12/22/08	3507.22	sheen	17.78	0.00	3489.44
RW - 4	01/06/09	3507.22	sheen	17.74	0.00	3489.48
RW - 4	01/12/09	3507.22	sheen	17.74	0.00	3489.48
RW - 4	01/19/09	3507.22	sheen	18.73	0.00	3488.49
RW - 4	01/26/09	3507.22	sheen	17.71	0.00	3489.51
RW - 4	02/10/09	3507.22	sheen	17.69	0.00	3489.53
RW - 4	02/13/09	3507.22	sheen	17.69	0.00	3489.53
RW - 4	02/16/09	3507.22	sheen	17.62	0.00	3489.60
RW - 4	02/24/09	3507.22	sheen	17.62	0.00	3489.60
RW - 4	03/02/09	3507.22	sheen	17.69	0.00	3489.53
RW - 4	03/05/09	3507.22	sheen	17.70	0.00	3489.52
RW - 4	03/09/09	3507.22	sheen	17.65	0.00	3489.57
RW - 4	03/16/09	3507.22	sheen	17.78	0.00	3489.44
RW - 4	03/19/09	3507.22	sheen	17.72	0.00	3489.50
RW - 4	03/25/09	3507.22	sheen	17.75	0.00	3489.47
RW - 4	03/30/09	3507.22	sheen	17.73	0.00	3489.49
RW - 4	04/13/09	3507.22	sheen	17.61	0.00	3489.61
RW - 4	04/16/09	3507.22	sheen	17.75	0.00	3489.47
RW - 4	04/21/09	3507.22	sheen	17.77	0.00	3489.45
RW - 4	04/27/09	3507.22	sheen	17.64	0.00	3489.58
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 4	10/26/09	3507.22	sheen	18.69	0.00	3488.53
RW - 4	10/28/09	3507.22	sheen	18.63	0.00	3488.59
RW - 4	11/03/09	3507.22	sheen	18.52	0.00	3488.70
RW - 4	11/12/09	3507.22	sheen	18.45	0.00	3488.77
RW - 4	11/18/09	3507.22	sheen	18.58	0.00	3488.64
RW - 4	12/03/09	3507.22	sheen	18.48	0.00	3488.74
RW - 4	12/11/09	3507.22	sheen	18.45	0.00	3488.77
RW - 4	12/16/09	3507.22	sheen	18.45	0.00	3488.77
RW - 4	12/21/09	3507.22	sheen	18.52	0.00	3488.70
RW - 4	12/28/09	3507.22	sheen	18.57	0.00	3488.65
RW - 4	01/04/10	3507.22	sheen	18.48	0.00	3488.74
RW - 4	01/14/10	3507.22	sheen	18.48	0.00	3488.74
RW - 4	01/20/10	3507.22	sheen	18.35	0.00	3488.87
RW - 4	01/25/10	3507.22	sheen	18.49	0.00	3488.73
RW - 4	01/27/10	3507.22	sheen	18.36	0.00	3488.86
RW - 4	02/01/10	3507.22	sheen	18.24	0.00	3488.98
RW - 4	02/08/10	3507.22	sheen	18.24	0.00	3488.98
RW - 4	02/09/10	3507.22	sheen	18.44	0.00	3488.78
RW - 4	02/19/10	3507.22	-	18.21	0.00	3489.01
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 4	10/20/10	3507.22	sheen	17.65	0.00	3489.57
RW - 4	10/25/10	3507.22	sheen	17.65	0.00	3489.57
RW - 4	11/03/10	3507.22	sheen	17.62	0.00	3489.60
RW - 4	11/10/10	3507.22	sheen	18.01	0.00	3489.21
RW - 4	11/12/10	3507.22	sheen	18.01	0.00	3489.21
RW - 4	12/09/10	3507.22	sheen	17.62	0.00	3489.60
RW - 4	01/18/11	3507.22	sheen	18.02	0.00	3489.20
RW - 4	02/16/11	3507.22	sheen	18.03	0.00	3489.19
RW - 4	03/01/11	3507.22	sheen	18.82	0.00	3488.40
RW - 4	03/07/11	3507.22	sheen	17.79	0.00	3489.43
RW - 4	03/22/11	3507.22	sheen	18.03	0.00	3489.19
RW - 4	04/27/11	3507.22	sheen	17.85	0.00	3489.37
RW - 4	05/05/11	3507.22	sheen	17.86	0.00	3489.36
RW - 4	05/19/11	3507.22	sheen	18.06	0.00	3489.16
RW - 4	06/08/11	3507.22	sheen	18.20	0.00	3489.02
RW - 4	07/06/11	3507.22	sheen	18.34	0.00	3488.88
RW - 4	07/14/11	3507.22	sheen	18.43	0.00	3488.79
RW - 4	07/20/11	3507.22	-	18.39	0.00	3488.83
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.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	08/05/13	3507.22	-	20.77	0.00	3486.45
RW - 4	08/12/13	3507.22	-	20.61	0.00	3486.61
RW - 4	08/22/13	3507.22	-	20.72	0.00	3486.50
RW - 4	08/29/13	3507.22	-	20.78	0.00	3486.44
RW - 4	09/05/13	3507.22	-	20.83	0.00	3486.39
RW - 4	09/10/13	3507.22	-	20.96	0.00	3486.26
RW - 4	09/17/13	3507.22	-	20.89	0.00	3486.33
RW - 4	09/24/13	3507.22	-	20.84	0.00	3486.38
RW - 4	10/07/13	3507.22	-	20.86	0.00	3486.36
RW - 4	11/14/13	-	-	23.14	0.00	-
RW - 4	11/20/13	-	-	23.15	0.00	-
RW - 4	12/12/13	-	-	23.12	0.00	-
RW - 4	12/19/13	-	-	23.10	0.00	-
RW - 4	01/03/14	-	-	23.18	0.00	-
RW - 4	01/09/14	-	-	23.09	0.00	-
RW - 4	01/13/14	-	-	23.20	0.00	-
RW - 4	01/21/14	-	-	23.05	0.00	-
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.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	11/11/14	3512.62	22.29	22.33	0.04	3490.32
RW - 4	11/19/14	3512.62	22.21	22.63	0.42	3490.35
RW - 4	12/08/14	3512.62	22.24	22.50	0.26	3490.34
RW - 4	12/15/14	3512.62	-	22.24	0.00	3490.38
RW - 4	12/18/14	3512.62	22.20	22.26	0.06	3490.41
RW - 4	12/22/14	3512.62	22.20	22.26	0.06	3490.41
RW - 4	12/29/14	3512.62	22.23	22.26	0.03	3490.39
RW - 4	01/05/15	3512.62	22.24	22.28	0.04	3490.37
RW - 4	01/12/15	3512.62	-	22.49	0.00	3490.13
RW - 4	01/19/15	3512.62	-	22.37	0.00	3490.25
RW - 4	02/04/15	3512.62	-	22.24	0.00	3490.38
RW - 4	02/09/15	3512.62	-	22.21	0.00	3490.41
RW - 4	02/19/15	3512.62	-	22.43	0.00	3490.19
RW - 4	03/03/15	3512.62	-	22.34	0.00	3490.28
RW - 4	03/09/15	3512.62	-	22.50	0.00	3490.12
RW - 4	03/16/15	3512.62	-	22.49	0.00	3490.13
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.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	12/02/15	3512.62	-	22.30	0.00	3490.32
RW - 4	12/07/15	3512.62	-	22.17	0.00	3490.45
RW - 4	12/14/15	3512.62	-	22.25	0.00	3490.37
RW - 4	01/05/16	3512.62	-	22.17	0.00	3490.45
RW - 4	01/08/16	3512.62	-	22.20	0.00	3490.42
RW - 4	01/12/16	3512.62	-	22.29	0.00	3490.33
RW - 4	01/18/16	3512.62	-	22.20	0.00	3490.42
RW - 4	01/25/16	3512.62	-	22.16	0.00	3490.46
RW - 4	02/01/16	3512.62	-	22.15	0.00	3490.47
RW - 4	02/08/16	3512.62	-	22.21	0.00	3490.41
RW - 4	02/19/16	3512.62	-	22.14	0.00	3490.48
RW - 4	02/23/16	3512.62	-	22.13	0.00	3490.49
RW - 4	03/03/16	3512.62	-	22.13	0.00	3490.49
RW - 4	03/07/16	3512.62	-	22.14	0.00	3490.48
RW - 4	03/15/16	3512.62	-	22.12	0.00	3490.50
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.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	02/17/17	3512.62	-	21.66	0.00	3490.96
RW - 4	02/24/17	3512.62	-	21.60	0.00	3491.02
RW - 4	03/01/17	3512.62	-	21.71	0.00	3490.91
RW - 4	03/09/17	3512.62	-	21.86	0.00	3490.76
RW - 4	03/15/17	3512.62	-	21.80	0.00	3490.82
RW - 4	03/22/17	3512.62	-	21.83	0.00	3490.79
RW - 4	03/29/17	3512.62	-	22.01	0.00	3490.61
RW - 4	04/07/17	3512.62	-	22.02	0.00	3490.60
RW - 4	04/11/17	3512.62	-	21.60	0.00	3491.02
RW - 4	04/20/17	3512.62	-	21.60	0.00	3491.02
RW - 4	05/02/17	3512.62	-	21.57	0.00	3491.05
RW - 4	05/12/17	3512.62	-	21.59	0.00	3491.03
RW - 4	05/16/17	3512.62	-	21.56	0.00	3491.06
RW - 4	05/23/17	3512.62	-	21.64	0.00	3490.98
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.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	06/18/18	3512.62	-	22.13	0.00	3490.49
RW - 4	06/25/18	3512.62	-	22.09	0.00	3490.53
RW - 4	07/02/18	3512.62	-	21.14	0.00	3491.48
RW - 4	07/11/18	3512.62	-	22.28	0.00	3490.34
RW - 4	07/19/18	3512.62	-	22.26	0.00	3490.36
RW - 4	07/27/18	3512.62	-	22.32	0.00	3490.30
RW - 4	08/08/18	3512.62	-	22.43	0.00	3490.19
RW - 4	08/30/18	3512.62	-	22.49	0.00	3490.13
RW - 4	09/12/18	3512.62	-	22.55	0.00	3490.07
RW - 4	09/20/18	3512.62	-	22.41	0.00	3490.21
RW - 4	09/26/18	3512.62	-	22.50	0.00	3490.12
RW - 4	10/03/18	3512.62	-	22.39	0.00	3490.23
RW - 4	10/19/18	3512.62	-	22.39	0.00	3490.23
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.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	08/13/20	3512.62	-	22.74	0.00	3489.88
RW - 4	09/14/20	3512.62	-	22.89	0.00	3489.73
RW - 4	10/16/20	3512.62	-	22.99	0.00	3489.63
RW - 4	12/10/20	3512.62	-	22.92	0.00	3489.70
RW - 4	01/13/21	3512.62	-	22.86	0.00	3489.76
RW - 4	02/11/21	3512.62	-	22.82	0.00	3489.80
RW - 4	04/21/21	3512.62	-	22.74	0.00	3489.88
RW - 4	06/11/21	3512.62	-	22.74	0.00	3489.88
RW - 4	09/23/21	3512.62	-	23.05	0.00	3489.57
RW - 4	10/14/21	3512.62	-	23.08	0.00	3489.54
RW - 4	10/28/21	3512.62	-	23.14	0.00	3489.48
RW - 4	12/06/21	3512.62	-	23.18	0.00	3489.44
RW - 4	03/16/22	3512.62	-	23.10	0.00	3489.52
RW - 4	04/20/22	3512.62	-	23.05	0.00	3489.57
RW - 4	05/11/22	3512.62	-	23.18	0.00	3489.44
RW - 4	08/16/22	3512.62	-	23.55	0.00	3489.07
RW - 4	11/11/22	3512.62	-	23.40	0.00	3489.22
RW - 4	03/01/23	3512.62	-	23.18	0.00	3489.44
RW - 4	04/13/23	3512.62	-	22.98	0.00	3489.64
RW - 4	05/11/23	3512.62	-	22.86	0.00	3489.76
RW - 4	08/17/23	3512.62	-	23.45	0.00	3489.17
RW - 4	12/14/23	3512.62	-	23.21	0.00	3489.41
RW - 5	11/05/02	3506.91	19.37	19.86	0.49	3487.47
RW - 5	11/06/02	3506.91	19.39	19.63	0.24	3487.48
RW - 5	11/12/02	3506.91	19.31	19.97	0.66	3487.50
RW - 5	01/07/03	3506.91	18.97	20.50	1.53	3487.71
RW - 5	01/27/03	3506.91	18.97	20.04	1.07	3487.78
RW - 5	02/26/03	3506.91	18.41	19.19	0.78	3488.38
RW - 5	03/11/03	3506.91	19.01	19.48	0.47	3487.83
RW - 5	03/19/03	3506.91	18.98	19.53	0.55	3487.85
RW - 5	03/25/03	3506.91	18.89	19.58	0.69	3487.92
RW - 5	04/16/03	3506.91	18.90	19.85	0.95	3487.87
RW - 5	04/23/03	3506.91	18.86	19.92	1.06	3487.89
RW - 5	04/29/03	3506.91	18.85	19.94	1.09	3487.90
RW - 5	05/14/03	3506.91	18.97	20.19	1.22	3487.76
RW - 5	05/27/03	3506.91	19.16	20.41	1.25	3487.56
RW - 5	06/04/03	3506.91	19.80	20.42	0.62	3487.02
RW - 5	06/26/03	3506.91	18.90	19.37	0.47	3487.94
RW - 5	07/07/03	3506.91	19.48	20.96	1.48	3487.21
RW - 5	07/30/03	3506.91	19.59	20.09	0.50	3487.25
RW - 5	08/06/03	3506.91	19.89	20.49	0.60	3486.93
RW - 5	08/21/03	3506.91	19.99	20.71	0.72	3486.81
RW - 5	08/26/03	3506.91	20.16	20.87	0.71	3486.64
RW - 5	09/08/03	3506.91	19.97	20.63	0.66	3486.84
RW - 5	09/15/03	3506.91	20.62	22.10	1.48	3486.07
RW - 5	09/24/03	3506.91	20.30	20.87	0.57	3486.52
RW - 5	10/02/03	3506.91	20.12	20.95	0.83	3486.67
RW - 5	10/08/03	3506.91	19.96	20.87	0.91	3486.81
RW - 5	10/16/03	3506.91	19.34	21.21	1.87	3487.29
RW - 5	10/28/03	3506.91	20.41	21.30	0.89	3486.37
RW - 5	11/11/03	3506.91	20.41	20.69	0.28	3486.46
RW - 5	11/18/03	3506.91	20.20	21.05	0.85	3486.58
RW - 5	12/10/03	3506.91	19.88	20.78	0.90	3486.90
RW - 5	02/02/04	3506.91	20.29	21.72	1.43	3486.41

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.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	02/26/04	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 5	03/08/05	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.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	01/23/06	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
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 5	03/12/07	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.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	06/23/08	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
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.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	06/29/09	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.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	04/05/10	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
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 5	08/18/11	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 5	08/12/13	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.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	11/19/14	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
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.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	02/24/17	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.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	06/25/18	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.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	09/30/20	3512.12	-	22.53	0.00	3489.59
RW - 5	10/16/20	3512.12	-	22.62	0.00	3489.50
RW - 5	12/10/20	3512.12	-	22.69	0.00	3489.43
RW - 5	01/13/21	3512.12	-	22.63	0.00	3489.49
RW - 5	02/11/21	3512.12	-	22.63	0.00	3489.49
RW - 5	04/21/21	3512.12	-	22.49	0.00	3489.63
RW - 5	04/28/21	3512.12	-	22.48	0.00	3489.64
RW - 5	06/11/21	3512.12	-	22.48	0.00	3489.64
RW - 5	07/31/21	3512.12	-	22.54	0.00	3489.58
RW - 5	08/31/21	3512.12	-	22.69	0.00	3489.43
RW - 5	09/23/21	3512.12	-	22.73	0.00	3489.39
RW - 5	10/14/21	3512.12	-	22.78	0.00	3489.34
RW - 5	10/28/21	3512.12	-	22.82	0.00	3489.30
RW - 5	12/06/21	3512.12	-	22.89	0.00	3489.23
RW - 5	02/23/22	3512.12	-	22.78	0.00	3489.34
RW - 5	03/16/22	3512.12	-	22.78	0.00	3489.34
RW - 5	04/20/22	3512.12	-	22.75	0.00	3489.37
RW - 5	05/11/22	3512.12	-	22.89	0.00	3489.23
RW - 5	08/16/22	3512.12	-	23.21	0.00	3488.91
RW - 5	11/11/22	3512.12	23.10	23.13	0.03	3489.02
RW - 5	01/17/23	3512.12	22.81	22.90	0.09	3489.30
RW - 5	02/28/23	3512.12	22.71	22.74	0.03	3489.41
RW - 5	04/13/23	3512.12	-	22.68	0.00	3489.44
RW - 5	05/11/23	3512.12	22.60	22.61	0.01	3489.52
RW - 5	08/18/23	3512.12	-	23.20	0.00	3488.92
RW - 5	12/14/23	3512.12	22.90	22.93	0.03	3489.22
RW - 6	11/05/02	3507.45	20.09	26.67	6.58	3486.37
RW - 6	11/06/02	3507.45	20.12	20.28	0.16	3487.31
RW - 6	11/12/02	3507.45	20.08	20.80	0.72	3487.26
RW - 6	01/07/03	3507.45	19.70	21.39	1.69	3487.50
RW - 6	01/27/03	3507.45	19.67	21.17	1.50	3487.56
RW - 6	02/26/03	3507.45	19.65	20.29	0.64	3487.70
RW - 6	03/11/03	3507.45	19.84	20.08	0.24	3487.57
RW - 6	03/19/03	3507.45	-	19.85	0.00	3487.60
RW - 6	03/25/03	3507.45	19.69	20.04	0.35	3487.71
RW - 6	04/16/03	3507.45	19.64	20.76	1.12	3487.64
RW - 6	04/23/03	3507.45	19.58	20.95	1.37	3487.66
RW - 6	04/29/03	3507.45	19.56	20.96	1.40	3487.68
RW - 6	05/14/03	3507.45	19.69	21.18	1.49	3487.54
RW - 6	05/20/03	3507.45	19.83	21.35	1.52	3487.39
RW - 6	05/27/03	3507.45	19.94	21.73	1.79	3487.24
RW - 6	06/04/03	3507.45	19.80	20.47	0.67	3487.55
RW - 6	06/26/03	3507.45	19.49	20.39	0.90	3487.83
RW - 6	07/07/03	3507.45	20.19	21.87	1.68	3487.01
RW - 6	07/30/03	3507.45	20.28	22.00	1.72	3486.91
RW - 6	08/06/03	3507.45	20.54	22.33	1.79	3486.64
RW - 6	08/21/03	3507.45	20.67	22.51	1.84	3486.50
RW - 6	08/26/03	3507.45	20.75	22.61	1.86	3486.42
RW - 6	09/08/03	3507.45	20.60	22.18	1.58	3486.61
RW - 6	09/15/03	3507.45	20.62	22.10	1.48	3486.61
RW - 6	09/24/03	3507.45	20.95	21.62	0.67	3486.40
RW - 6	10/02/03	3507.45	20.76	22.75	1.99	3486.39
RW - 6	10/08/03	3507.45	20.65	22.65	2.00	3486.50
RW - 6	10/16/03	3507.45	20.98	23.04	2.06	3486.16

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 6	02/18/05	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
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.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	01/03/06	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
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

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 6	02/12/07	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
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.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	05/14/08	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
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 6	06/15/09	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
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.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	03/17/10	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
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.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	11/03/14	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
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.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	11/18/15	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
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 6	02/24/17	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
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

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

Well Number	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 6	06/18/18	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
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

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.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	12/10/20	3512.44	-	23.22	0.00	3489.22
RW - 6	01/13/21	3512.44	-	23.17	0.00	3489.27
RW - 6	02/11/21	3512.44	-	23.15	0.00	3489.29
RW - 6	04/21/21	3512.44	-	23.06	0.00	3489.38
RW - 6	06/11/21	3512.44	-	23.09	0.00	3489.35
RW - 6	07/31/21	3512.44	-	23.08	0.00	3489.36
RW - 6	08/31/21	3512.44	-	23.27	0.00	3489.17
RW - 6	09/23/21	3512.44	-	23.29	0.00	3489.15
RW - 6	10/14/21	3512.44	-	23.33	0.00	3489.11
RW - 6	10/28/21	3512.44	-	23.39	0.00	3489.05
RW - 6	12/06/21	3512.44	-	23.48	0.00	3488.96
RW - 6	03/16/22	3512.44	-	23.36	0.00	3489.08
RW - 6	04/20/22	3512.44	-	23.33	0.00	3489.11
RW - 6	05/11/22	3512.44	-	23.44	0.00	3489.00
RW - 6	08/16/22	3512.44	-	23.77	0.00	3488.67
RW - 6	11/11/22	3512.44	-	23.66	0.00	3488.78
RW - 6	03/01/23	3512.44	-	23.30	0.00	3489.14
RW - 6	05/11/23	3512.44	-	23.21	0.00	3489.23
RW - 6	08/17/23	3512.44	-	23.79	0.00	3488.65
RW - 6	12/14/23	3512.44	-	23.58	0.00	3488.86

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				

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

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p, -XYLENES	o -XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 1	06/17/20	Not Sampled on Current Sample Schedule				
MW - 1	08/12/20	Not Sampled on Current Sample Schedule				
MW - 1	12/09/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 1	02/10/21	Not Sampled on Current Sample Schedule				
MW - 1	06/09/21	Not Sampled on Current Sample Schedule				
MW - 1	09/23/21	Not Sampled on Current Sample Schedule				
MW - 1	12/06/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 1	03/16/22	Not Sampled on Current Sample Schedule				
MW - 1	05/09/22	Not Sampled on Current Sample Schedule				
MW - 1	08/16/22	Not Sampled on Current Sample Schedule				
MW - 1	11/09/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 1	03/02/23	Not Sampled on Current Sample Schedule				
MW - 1	05/11/23	Not Sampled on Current Sample Schedule				
MW - 1	08/16/23	Not Sampled on Current Sample Schedule				
MW - 1	12/13/23	<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				

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	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				
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				

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HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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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 - 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				
MW - 2	05/07/19	Not Sampled on Current Sample Schedule				
MW - 2	08/07/19	Not Sampled on Current Sample Schedule				
MW - 2	11/06/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 2	03/04/20	Not Sampled on Current Sample Schedule				
MW - 2	06/17/20	Not Sampled on Current Sample Schedule				
MW - 2	08/12/20	Not Sampled on Current Sample Schedule				
MW - 2	12/09/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 2	02/10/21	Not Sampled on Current Sample Schedule				
MW - 2	06/09/21	Not Sampled on Current Sample Schedule				
MW - 2	09/23/21	Not Sampled on Current Sample Schedule				
MW - 2	12/06/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 2	03/16/22	Not Sampled on Current Sample Schedule				
MW - 2	05/09/22	Not Sampled on Current Sample Schedule				
MW - 2	08/16/22	Not Sampled on Current Sample Schedule				
MW - 2	11/10/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 2	03/02/23	Not Sampled on Current Sample Schedule				
MW - 2	05/11/23	Not Sampled on Current Sample Schedule				
MW - 2	08/16/23	Not Sampled on Current Sample Schedule				
MW - 2	12/15/23	<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

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

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	05/02/12	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				
MW - 3	05/22/18	Not Sampled on Current Sample Schedule				
MW - 3	08/08/18	Not Sampled on Current Sample Schedule				
MW - 3	11/12/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 3	02/12/19	Not Sampled on Current Sample Schedule				
MW - 3	05/07/19	Not Sampled on Current Sample Schedule				
MW - 3	08/07/19	Not Sampled on Current Sample Schedule				
MW - 3	11/06/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 3	03/04/20	Not Sampled on Current Sample Schedule				
MW - 3	06/17/20	Not Sampled on Current Sample Schedule				
MW - 3	08/12/20	Not Sampled on Current Sample Schedule				
MW - 3	12/09/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 3	02/10/21	Not Sampled on Current Sample Schedule				
MW - 3	06/09/21	Not Sampled on Current Sample Schedule				
MW - 3	09/23/21	Not Sampled on Current Sample Schedule				
MW - 3	12/06/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 3	03/16/22	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	05/09/22	Not Sampled on Current Sample Schedule				
MW - 3	08/16/22	Not Sampled on Current Sample Schedule				
MW - 3	11/10/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 3	03/02/23	Not Sampled on Current Sample Schedule				
MW - 3	05/11/23	Not Sampled on Current Sample Schedule				
MW - 3	08/16/23	Not Sampled on Current Sample Schedule				
MW - 3	12/15/23	<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				
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				

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p, -XYLENES	o -XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 4	02/13/13	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 - 4	02/11/21	0.865	0.0110	0.0226	0.0456	
MW - 4	06/11/21	1.86	0.00625	0.0148	0.0395	
MW - 4	09/23/21	Not Sampled Due to PSH in Well				
MW - 4	12/06/21	3.28	0.00835	0.0173	0.0610	
MW - 4	03/16/22	1.85	0.0101	0.0288	0.0815	
MW - 4	05/11/22	2.44	0.0201	0.0469	0.1578	
MW - 4	08/18/22	1.63	0.00615	0.0123	0.03620	
MW - 4	11/11/22	1.46	0.00242	0.0167	0.03739	

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	03/02/23	Not Sampled Due to PSH in Well				
MW - 4	05/11/23	6.98	0.0880	0.138	0.3732	
MW - 4	08/18/23	1.62	0.00810	0.0175	0.06950	
MW - 4	12/15/23	1.62	0.00895	0.0190	0.0693	
MW - 5	02/12/03	0.0170	<0.001	0.0860	0.0270	<0.001
MW - 5	05/14/03	0.0550	<0.001	0.0200	0.0460	<0.001
MW - 5	08/21/03	0.0180	<0.001	0.0090	0.0100	<0.001
MW - 5	12/10/03	0.0140	<0.001	0.0170	0.0050	<0.001
MW - 5	02/11/04	0.0310	<0.001	0.0520	0.0290	<0.001
MW - 5	05/11/04	0.0011	<0.001	<0.001	<0.002	<0.001
MW - 5	08/24/04	0.0433	<0.001	0.0987	0.0689	0.002
MW - 5	12/03/04	<0.001	<0.001	<0.001	<0.001	
MW - 5	3/8/2005	0.0157	<0.005	0.0071	<0.005	
MW - 5	06/08/05	0.0113	<0.01	<0.01	<0.01	
MW - 5	09/16/05	0.0052	<0.001	<0.001	0.0027	
MW - 5	12/12/05	0.0093	<0.001	<0.001	0.0030	
MW - 5	03/16/06	0.0161	<0.005	0.0096	<0.005	
MW - 5	06/15/06	0.0077	<0.005	<0.005	<0.005	
MW - 5	09/30/06	<0.001	<0.001	0.0090	0.0097	
MW - 5	12/01/06	0.3580	<0.01	0.1300	<0.01	
MW - 5	02/27/07	<0.02	<0.02	<0.02	<0.02	
MW - 5	05/22/07	<0.005	<0.005	<0.005	<0.005	
MW - 5	08/15/07	<0.1	<0.1	<0.1	<0.1	
MW - 5	11/06/07	0.0052	<0.001	<0.001	<0.001	
MW - 5	02/12/08	0.0210	0.0012	0.0077	0.0082	
MW - 5	05/13/08	0.0126	<0.001	<0.001	0.0012	
MW - 5	08/14/08	Not Sampled Due to PSH in Well				
MW - 5	11/12/08	0.0074	<0.001	<0.001	0.0033	
MW - 5	02/10/09	<0.005	<0.005	<0.005	<0.005	
MW - 5	05/12/09	0.0126	<0.001	<0.001	<0.001	
MW - 5	08/10/09	0.1190	<0.001	<0.001	0.0286	
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	

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	11/16/11	0.1030	<0.001	0.0135	0.0135	
MW - 5	02/29/12	0.1040	<0.001	0.0404	0.0422	
MW - 5	05/02/12	0.0804	<0.001	0.0206	0.0259	
MW - 5	08/10/12	Not Sampled due to Site Excavation				
MW - 5	12/06/12	0.0295	<0.001	<0.001	<0.001	
MW - 5	02/13/13	0.0946	<0.005	<0.005	<0.005	
MW - 5	05/22/13	0.0476	<0.00500	<0.005	<0.005	
MW - 5	08/13/13	0.0416	<0.00500	<0.00500	<0.005	
MW - 5	11/21/13	0.0532	<0.00100	0.00660	<0.00300	
MW - 5	02/04/14	0.104	<0.0500	<0.0500	<0.150	
MW - 5	05/14/14	0.0415	<0.00100	0.00950	<0.00300	
MW - 5	08/05/14	0.1080	<0.00100	0.01720	0.0043	
MW - 5	11/20/14	0.2130	<0.0500	<0.0500	<0.0500	
MW - 5	02/09/15	0.0746	<0.0500	<0.0500	<0.0500	
MW - 5	05/27/15	<0.0500	<0.0500	<0.0500	<0.0500	
MW - 5	08/03/15	0.00700	<0.00100	0.00110	0.00120	
MW - 5	11/18/15	0.0724	<0.00100	0.0101	0.00550	
MW - 5	02/24/16	0.00650	<0.00100	0.00340	0.00450	
MW - 5	06/07/16	0.01720	<0.00100	0.00200	0.00240	
MW - 5	08/03/16	0.0251	<0.00500	<0.00500	<0.00500	
MW - 5	11/08/16	0.00620	<0.00500	<0.00500	<0.00500	
MW - 5	03/01/17	0.00427	<0.00200	<0.00200	0.00401	
MW - 5	05/23/17	0.0147	<0.00200	<0.00200	0.00370	
MW - 5	08/17/17	0.0189	<0.00200	<0.00200	<0.00400	
MW - 5	11/14/17	0.00774	<0.00200	<0.00200	<0.00400	
MW - 5	02/08/18	0.00414	<0.00200	<0.00200	<0.00200	
MW - 5	05/21/18	0.00461	<0.0100	<0.00500	<0.0200	
MW - 5	08/08/18	0.00904	<0.0100	<0.00500	<0.0200	
MW - 5	11/13/18	0.0219	<0.0100	<0.00500	<0.0200	
MW - 5	02/13/19	0.00276	<0.00100	<0.00100	<0.00200	
MW - 5	05/08/19	0.00359	<0.00100	<0.00100	<0.00200	
MW - 5	08/08/19	0.00864	<0.00100	<0.00100	<0.00200	
MW - 5	11/13/19	0.00751	<0.00100	<0.00100	<0.00200	
MW - 5	03/04/20	0.00664	<0.00100	0.00179	0.00442	
MW - 5	06/18/20	0.00376	<0.00500	<0.00500	0.01489	
MW - 5	08/13/20	0.00916	0.00144	0.00538	0.01000	
MW - 5	12/09/20	0.0108	0.00164	<0.00100	0.00375	
MW - 5	02/11/21	0.0318	0.00192	0.00369	<0.00200	
MW - 5	06/11/21	0.0278	0.00204	0.00384	0.00965	
MW - 5	09/23/21	0.0109	<0.00100	0.00210	<0.00200	

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	12/07/21	0.00337	0.00105	<0.00100	<0.00200	
MW - 5	03/15/22	0.00748	0.00126	<0.00100	<0.00200	
MW - 5	05/10/22	0.00451	<0.00100	<0.00100	<0.00200	
MW - 5	08/17/22	0.00212	0.00125	<0.00100	<0.00200	
MW - 5	11/09/22	0.00224	<0.00100	<0.00100	<0.00200	
MW - 5	02/28/23	0.00478	0.00108	0.00134	0.00101	
MW - 5	05/11/23	0.00463	0.00146	0.00125	<0.00200	
MW - 5	08/17/23	0.00174	0.00137	<0.00100	<0.00200	
MW - 5	12/14/23	0.00194	<0.00100	<0.00100	<0.00200	
MW - 6	12/03/04	0.0334	<0.0100	0.0310	0.0243	
MW - 6	03/08/05	0.0260	<0.01	0.0414	0.0315	
MW - 6	06/08/05	<0.005	<0.005	<0.005	<0.005	
MW - 6	09/16/05	Not Sampled Due to PSH in Well				
MW - 6	12/12/05	Not Sampled Due to PSH in Well				
MW - 6	03/16/06	Not Sampled Due to PSH in Well				
MW - 6	06/15/06	Not Sampled Due to PSH in Well				
MW - 6	09/30/06	Not Sampled Due to PSH in Well				
MW - 6	12/01/06	Not Sampled Due to PSH in Well				
MW - 6	02/27/07	Not Sampled Due to PSH in Well				
MW - 6	05/22/07	Not Sampled Due to PSH in Well				
MW - 6	08/15/07	Not Sampled Due to PSH in Well				
MW - 6	11/06/07	Not Sampled Due to PSH in Well				
MW - 6	02/12/08	Not Sampled Due to PSH in Well				
MW - 6	05/13/08	Not Sampled Due to PSH in Well				
MW - 6	08/14/08	Not Sampled Due to PSH in Well				
MW - 6	11/12/08	0.0991	0.223	0.0810	0.1910	
MW - 6	02/10/09	Not Sampled Due to PSH in Well				
MW - 6	05/12/09	0.0436	<0.005	0.0363	<0.005	
MW - 6	08/10/09	0.0162	<0.001	0.0091	<0.001	
MW - 6	11/18/09	0.0083	<0.001	0.0012	<0.001	
MW - 6	02/09/10	0.0169	<0.001	0.0067	0.0036	
MW - 6	05/13/10	0.0079	<0.001	0.0047	<0.001	
MW - 6	08/11/10	<0.100	<0.100	<0.100	<0.100	
MW - 6	11/11/10	0.0255	<0.005	<0.005	<0.005	
MW - 6	02/16/11	0.0595	<0.005	<0.005	<0.005	
MW - 6	05/19/11	0.0689	<0.005	<0.005	<0.005	
MW - 6	08/10/11	0.0189	<0.001	<0.001	<0.001	
MW - 6	11/16/11	0.0176	<0.001	<0.001	<0.001	
MW - 6	02/29/12	0.0270	<0.001	0.0101	<0.001	

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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 - 6	05/02/12	Not Sampled				
MW - 6	08/10/12	Not Sampled due to Site Excavation				
MW - 6	12/07/12	Not Sampled Due to PSH in Well				
MW - 6	02/13/13	Not Sampled Due to PSH in Well				
MW - 6	05/22/13	Not Sampled Due to PSH in Well				
MW - 6	08/13/13	Not Sampled Due to PSH in Well				
MW - 6	11/21/13	Not Sampled Due to PSH in Well				
MW - 6	02/04/14	Not Sampled Due to PSH in Well				
MW - 6	05/14/14	Not Sampled Due to PSH in Well				
MW - 6	08/05/14	Not Sampled Due to PSH in Well				
MW - 6	11/19/14	Not Sampled Due to PSH in Well				
MW - 6	02/09/15	Not Sampled Due to PSH in Well				
MW - 6	05/27/15	0.0190	<0.00100	<0.00100	0.00150	
MW - 6	08/04/15	0.00900	<0.00100	0.00160	<0.00100	
MW - 6	11/19/15	0.00470	<0.00100	<0.00100	<0.00100	
MW - 6	02/24/16	0.0216	<0.00100	0.00210	0.00420	
MW - 6	06/07/16	0.0178	<0.00100	<0.00100	<0.00100	
MW - 6	08/03/16	0.0117	<0.00100	<0.00100	0.00140	
MW - 6	11/08/16	0.00610	<0.00500	<0.00500	<0.00500	
MW - 6	03/01/17	0.0188	<0.00200	<0.00200	<0.00200	
MW - 6	05/23/17	0.0299	<0.00200	<0.00200	<0.00400	
MW - 6	08/17/17	0.0521	<0.00200	<0.00200	<0.00400	
MW - 6	11/14/17	0.0297	<0.00200	<0.00200	<0.00400	
MW - 6	02/08/18	0.0459	<0.00200	<0.00200	<0.00400	
MW - 6	05/22/18	0.0176	<0.0100	<0.00500	<0.0200	
MW - 6	08/08/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 6	11/13/18	0.00697	<0.0100	<0.00500	<0.0200	
MW - 6	02/13/19	0.0220	0.00105	0.00253	0.00699	
MW - 6	05/08/19	0.00924	<0.00100	<0.00100	<0.00200	
MW - 6	08/08/19	0.0128	<0.00100	<0.00100	<0.00200	
MW - 6	11/13/19	0.00685	<0.00100	<0.00100	<0.00200	
MW - 6	03/04/20	0.0260	0.00254	0.00694	0.01916	
MW - 6	06/18/20	0.0411	0.00554	0.00877	0.0320	
MW - 6	08/13/20	0.0333	0.00435	0.00539	0.02008	
MW - 6	12/10/20	0.0284	0.00520	<0.00100	0.02118	
MW - 6	02/11/21	0.0305	0.00711	0.0296	0.01598	
MW - 6	06/10/21	0.0366	0.00500	0.00569	0.02246	
MW - 6	09/23/21	0.0302	0.00312	0.00398	0.0238	
MW - 6	12/06/21	0.0209	0.00254	<0.00100	0.00359	
MW - 6	03/16/22	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	05/11/22	Not Sampled Due to PSH in Well				
MW - 6	08/16/22	Not Sampled Due to PSH in Well				
MW - 6	11/10/22	Not Sampled Due to PSH in Well				
MW - 6	03/02/23	Not Sampled Due to PSH in Well				
MW - 6	05/11/23	Not Sampled Due to PSH in Well				
MW - 6	08/16/23	Not Sampled Due to PSH in Well				
MW - 6	12/14/23	Not Sampled Due to PSH in Well				
MW - 7	03/08/05	1.5500	<0.1	0.1450	<0.1	
MW - 7	06/08/05	0.8100	<0.1	<0.1	<0.1	
MW - 7	09/16/05	Not Sampled Due to PSH in Well				
MW - 7	12/12/05	Not Sampled Due to PSH in Well				
MW - 7	03/16/06	Not Sampled Due to PSH in Well				
MW - 7	06/15/06	Not Sampled Due to PSH in Well				
MW - 7	09/30/06	Not Sampled Due to PSH in Well				
MW - 7	12/01/06	Not Sampled Due to PSH in Well				
MW - 7	02/27/07	Not Sampled Due to PSH in Well				
MW - 7	05/22/07	Not Sampled Due to PSH in Well				
MW - 7	08/15/07	Not Sampled Due to PSH in Well				
MW - 7	11/06/07	Not Sampled Due to PSH in Well				
MW - 7	02/12/08	Not Sampled Due to PSH in Well				
MW - 7	05/13/08	Not Sampled Due to PSH in Well				
MW - 7	08/14/08	Not Sampled Due to PSH in Well				
MW - 7	11/12/08	0.527	0.185	0.1390	0.1780	
MW - 7	02/10/09	Not Sampled Due to PSH in Well				
MW - 7	05/12/09	Not Sampled Due to PSH in Well				
MW - 7	08/10/09	Not Sampled Due to PSH in Well				
MW - 7	11/18/09	0.761	<0.005	0.1090	0.0574	
MW - 7	02/09/10	Not Sampled Due to PSH in Well				
MW - 7	05/13/10	Not Sampled Due to PSH in Well				
MW - 7	08/11/10	Not Sampled Due to PSH in Well				
MW - 7	11/11/10	Not Sampled Due to PSH in Well				
MW - 7	02/16/11	Not Sampled Due to PSH in Well				
MW - 7	05/19/11	Not Sampled Due to PSH in Well				
MW - 7	08/10/11	Not Sampled Due to PSH in Well				
MW - 7	11/16/11	Not Sampled Due to PSH in Well				
MW - 7	02/29/12	Not Sampled Due to PSH in Well				
MW - 7	05/02/12	Not Sampled Due to PSH in Well				
MW - 7	08/10/12	Not Sampled Due to PSH in Well				
MW - 7	12/07/12	Not Sampled Due to PSH in Well				

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p, -XYLENES	o -XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 7	02/13/13	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				
MW - 7	02/11/21	Not Sampled Due to PSH in Well				
MW - 7	06/11/21	Not Sampled Due to PSH in Well				
MW - 7	09/23/21	Not Sampled Due to PSH in Well				
MW - 7	12/07/21	0.297	<0.00100	0.0132	0.00725	
MW - 7	03/15/22	0.341	<0.00100	0.0171	0.00740	
MW - 7	05/11/22	0.422	0.00100	0.0134	0.00945	
MW - 7	08/17/22	1.02	0.00108	0.0161	0.00727	
MW - 7	11/10/22	0.212	<0.00100	0.00281	<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 - 7	02/28/23	0.327	<0.00100	0.0390	0.01683	
MW - 7	05/11/23	0.257	<0.00100	0.00579	0.00260	
MW - 7	08/17/23	0.824	<0.00100	0.0148	0.00575	
MW - 7	12/14/23	0.0434	<0.00100	0.00245	<0.00200	
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				

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	11/21/13	Not Sampled Due to PSH in Well				
MW - 8	02/04/14	Not Sampled Due to PSH in Well				
MW - 8	05/14/14	Not Sampled Due to PSH in Well				
MW - 8	08/05/14	Not Sampled Due to PSH in Well				
MW - 8	11/19/14	Not Sampled Due to PSH in Well				
MW - 8	02/09/15	Not Sampled Due to PSH in Well				
MW - 8	05/27/15	Not Sampled Due to PSH in Well				
MW - 8	08/03/15	Not Sampled Due to PSH in Well				
MW - 8	11/19/15	Not Sampled Due to PSH in Well				
MW - 8	02/24/16	Not Sampled Due to PSH in Well				
MW - 8	06/07/16	Not Sampled Due to PSH in Well				
MW - 8	08/03/16	Not Sampled Due to PSH in Well				
MW - 8	11/08/16	Not Sampled Due to PSH in Well				
MW - 8	03/01/17	Not Sampled Due to PSH in Well				
MW - 8	05/24/17	Not Sampled Due to PSH in Well				
MW - 8	08/17/17	Not Sampled Due to PSH in Well				
MW - 8	11/14/17	Not Sampled Due to PSH in Well				
MW - 8	02/08/18	0.165	0.00866	0.0563	0.05706	
MW - 8	05/22/18	0.164	<0.0100	0.140	0.1191	
MW - 8	08/08/18	0.0545	<0.0100	0.0262	0.0244	
MW - 8	11/13/18	0.166	<0.0100	<0.00500	<0.0200	
MW - 8	02/13/19	0.161	0.00668	0.145	0.1378	
MW - 8	05/08/19	0.116	0.00209	0.0879	0.06030	
MW - 8	08/08/19	0.133	0.0212	0.376	0.415	
MW - 8	11/13/19	0.148	<0.00100	0.166	0.1503	
MW - 8	03/05/20	0.102	0.0356	0.201	0.407	
MW - 8	06/18/20	0.241	0.212	0.519	1.235	
MW - 8	08/13/20	0.152	0.0334	0.180	0.2423	
MW - 8	12/09/20	Not Sampled Due to PSH in Well				
MW - 8	02/11/21	Not Sampled Due to PSH in Well				
MW - 8	06/11/21	Not Sampled Due to PSH in Well				
MW - 8	09/23/21	Not Sampled Due to PSH in Well				
MW - 8	12/07/21	Not Sampled Due to PSH in Well				
MW - 8	03/16/22	Not Sampled Due to PSH in Well				
MW - 8	05/11/22	Not Sampled Due to PSH in Well				
MW - 8	08/16/22	Not Sampled Due to PSH in Well				
MW - 8	11/10/22	Not Sampled Due to PSH in Well				
MW - 8	03/02/23	Not Sampled Due to PSH in Well				
MW - 8	05/11/23	Not Sampled Due to PSH in Well				
MW - 8	08/16/23	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	12/14/23	Not Sampled Due to PSH in Well				
MW - 9	02/12/03	0.1210	<0.001	0.0970	0.0040	<0.001
MW - 9	05/14/03	0.0720	<0.001	0.1240	0.0040	0.006
MW - 9	08/21/03	0.0430	<0.001	0.0940	0.0050	<0.001
MW - 9	12/10/03	0.0090	<0.001	0.0300	<0.002	<0.001
MW - 9	02/11/04	0.0100	<0.001	0.0240	<0.002	<0.001
MW - 9	05/11/04	0.0195	<0.001	0.0314	<0.002	<0.001
MW - 9	08/25/04	0.1400	<0.001	0.0474	<0.002	<0.001
MW - 9	12/03/04	0.0388	<0.0200	<0.0200	<0.0200	
MW - 9	03/08/05	0.0125	<0.005	<0.005	<0.005	
MW - 9	06/08/05	0.0057	<0.005	<0.005	<0.005	
MW - 9	09/16/05	0.0059	<0.001	0.0029	<0.001	
MW - 9	12/12/05	0.0417	<0.02	<0.02	<0.02	
MW - 9	03/16/06	0.0709	<0.005	0.0227	<0.005	
MW - 9	06/15/06	0.0205	<0.005	<0.005	<0.005	
MW - 9	09/30/06	<0.001	<0.001	<0.001	<0.001	
MW - 9	12/01/06	<0.01	<0.01	<0.01	<0.01	
MW - 9	02/27/07	<0.005	<0.005	<0.005	<0.005	
MW - 9	05/22/07	<0.005	<0.005	<0.005	<0.005	
MW - 9	08/15/07	<0.1	<0.1	<0.1	<0.1	
MW - 9	11/06/07	0.0183	<0.001	<0.001	<0.001	
MW - 9	02/12/08	0.0162	<0.001	<0.001	<0.001	
MW - 9	05/13/08	0.0139	<0.001	<0.001	<0.001	
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	

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p, -XYLENES	o -XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 9	08/10/12	Not Sampled due to Site Excavation				
MW - 9	12/07/12	Not Sampled Due to Low Water Levels				
MW - 9	02/13/13	Not Sampled Due to Low Water Levels				
MW - 9	05/22/13	Not Sampled Due to Low Water Levels				
MW - 9	08/13/13	Not Sampled Due to Low Water Levels				
MW - 9	11/21/13	Not Sampled Due to Low Water Levels				
MW - 9	02/04/14	Plugged and Abandoned				
MW - 10	02/11/04	0.0190	<0.001	0.0690	0.0020	<0.001
MW - 10	05/11/04	0.0369	<0.001	0.0432	<0.002	<0.001
MW - 10	12/03/04	0.0196	<0.0100	<0.0100	<0.0100	
MW - 10	03/08/05	<0.01	<0.01	0.0102	<0.01	
MW - 10	06/08/05	0.0130	<0.005	0.0236	<0.005	
MW - 10	09/16/05	Not Sampled Due to PSH in Well				
MW - 10	12/12/05	Not Sampled Due to PSH in Well				
MW - 10	03/16/06	0.0557	<0.01	0.0751	<0.01	
MW - 10	06/15/06	Not Sampled Due to PSH in Well				
MW - 10	09/30/06	<0.001	<0.001	0.0379	0.0035	
MW - 10	12/01/06	0.0265	<0.01	0.0834	<0.01	
MW - 10	02/27/07	<0.01	<0.01	0.0538	<0.01	
MW - 10	05/22/07	0.0134	<0.005	0.0302	<0.005	
MW - 10	08/15/07	Not Sampled Due to PSH in Well				
MW - 10	11/06/07	0.0213	<0.001	0.0099	0.0029	
MW - 10	02/12/08	0.0214	<0.005	0.0136	<0.005	
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	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p, -XYLENES	o -XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 10	05/02/12	0.0057	<0.001	<0.001	<0.001	
MW - 10	08/10/12	Not Sampled due to Site Excavation				
MW - 10	12/06/12	<0.005	<0.005	<0.005	<0.005	
MW - 10	02/13/13	<0.005	<0.005	<0.005	<0.005	
MW - 10	05/22/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 10	08/13/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 10	11/21/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 10	02/04/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 10	05/14/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 10	08/05/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 10	11/20/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 10	02/09/15	0.00120	<0.00100	<0.00100	<0.00100	
MW - 10	05/27/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 10	08/03/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 10	11/18/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 10	02/24/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 10	06/07/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 10	08/02/16	<0.00500	<0.00500	<0.00500	<0.00500	
MW - 10	11/08/16	<0.0100	<0.0100	<0.0100	<0.0100	
MW - 10	03/01/17	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 10	05/23/17	<0.00200	<0.00200	0.00682	0.0129	
MW - 10	08/17/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 10	11/14/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 10	02/08/18	<0.00200	<0.00200	<0.00200	0.00403	
MW - 10	05/21/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 10	08/08/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 10	11/12/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 10	02/12/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 10	05/07/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 10	08/07/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 10	11/06/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 10	03/04/20	<0.00100	<0.00100	0.00175	0.00461	
MW - 10	06/17/20	Not Sampled on Current Sample Schedule				
MW - 10	08/12/20	Not Sampled on Current Sample Schedule				
MW - 10	12/09/20	Not Sampled on Current Sample Schedule				
MW - 10	02/10/21	Not Sampled on Current Sample Schedule				
MW - 10	06/10/21	<0.00100	<0.00100	0.00211	0.00548	
MW - 10	09/23/21	Not Sampled on Current Sample Schedule				
MW - 10	12/06/21	Not Sampled on Current Sample Schedule				
MW - 10	03/16/22	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 - 10	05/09/22	Not Sampled on Current Sample Schedule				
MW - 10	08/18/22	<0.00100	0.00195	0.00187	0.00430	
MW - 10	11/09/22	Not Sampled on Current Sample Schedule				
MW - 10	03/02/23	Not Sampled on Current Sample Schedule				
MW - 10	05/11/23	Not Sampled on Current Sample Schedule				
MW - 10	08/16/23	Not Sampled on Current Sample Schedule				
MW - 10	12/13/23	<0.00100	<0.00100	0.00331	0.00135	
MW - 11	06/20/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	09/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	11/12/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	02/12/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	05/14/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	08/21/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	12/10/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 11	02/11/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 11	03/08/05	Not Sampled on Current Sample Schedule				
MW - 11	06/08/05	Not Sampled on Current Sample Schedule				
MW - 11	09/16/05	Not Sampled on Current Sample Schedule				
MW - 11	12/12/05	Well Obstructed				
MW - 11	03/16/06	Not Sampled on Current Sample Schedule				
MW - 11	06/15/06	Not Sampled on Current Sample Schedule				
MW - 11	09/30/06	Not Sampled on Current Sample Schedule				
MW - 11	12/01/06	<0.01	<0.01	<0.01	<0.01	
MW - 11	02/27/07	Not Sampled on Current Sample Schedule				
MW - 11	05/22/07	Not Sampled on Current Sample Schedule				
MW - 11	08/15/07	Not Sampled on Current Sample Schedule				
MW - 11	11/06/07	<0.001	<0.001	<0.001	<0.001	
MW - 11	02/12/08	Not Sampled on Current Sample Schedule				
MW - 11	05/13/08	Not Sampled on Current Sample Schedule				
MW - 11	08/14/08	Not Sampled on Current Sample Schedule				
MW - 11	11/12/08	<0.001	<0.001	<0.001	<0.001	
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	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p, -XYLENES	o -XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 11	02/16/11	Not Sampled on Current Sample Schedule				
MW - 11	05/19/11	Not Sampled on Current Sample Schedule				
MW - 11	08/10/11	Not Sampled on Current Sample Schedule				
MW - 11	11/16/11	<0.001	<0.001	<0.001	<0.001	
MW - 11	02/29/12	Not Sampled on Current Sample Schedule				
MW - 11	05/02/12	Not Sampled on Current Sample Schedule				
MW - 11	08/10/12	Not Sampled on Current Sample Schedule				
MW - 11	12/07/12	<0.001	<0.001	<0.001	<0.001	
MW - 11	02/29/12	Not Sampled on Current Sample Schedule				
MW - 11	05/02/12	Not Sampled on Current Sample Schedule				
MW - 11	08/10/12	Not Sampled due to Site Excavation				
MW - 11	12/07/12	<0.001	<0.001	<0.001	<0.001	
MW - 11	02/13/13	Not Sampled on Current Sample Schedule				
MW - 11	05/22/13	Not Sampled on Current Sample Schedule				
MW - 11	08/13/13	Not Sampled on Current Sample Schedule				
MW - 11	11/21/13	<0.001	<0.001	<0.001	<0.00300	
MW - 11	02/04/14	Not Sampled on Current Sample Schedule				
MW - 11	05/14/14	Not Sampled on Current Sample Schedule				
MW - 11	08/05/14	Not Sampled on Current Sample Schedule				
MW - 11	11/19/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	02/09/15	Not Sampled on Current Sample Schedule				
MW - 11	05/27/15	Not Sampled on Current Sample Schedule				
MW - 11	08/03/15	Not Sampled on Current Sample Schedule				
MW - 11	11/18/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	02/24/16	Not Sampled on Current Sample Schedule				
MW - 11	06/07/16	Not Sampled on Current Sample Schedule				
MW - 11	08/02/16	Not Sampled on Current Sample Schedule				
MW - 11	11/08/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 11	03/01/17	Not Sampled on Current Sample Schedule				
MW - 11	05/23/17	Not Sampled on Current Sample Schedule				
MW - 11	08/17/17	Not Sampled on Current Sample Schedule				
MW - 11	11/13/17	<0.00200	<0.00200	<0.00200	<0.00400	
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	

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p, -XYLENES	o -XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 11	03/04/20	Not Sampled on Current Sample Schedule				
MW - 11	06/17/20	Not Sampled on Current Sample Schedule				
MW - 11	08/12/20	Not Sampled on Current Sample Schedule				
MW - 11	12/09/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11	02/10/21	Not Sampled on Current Sample Schedule				
MW - 11	06/09/21	Not Sampled on Current Sample Schedule				
MW - 11	09/23/21	Not Sampled on Current Sample Schedule				
MW - 11	12/07/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11	03/15/22	<0.00100	<0.00100	0.00175	<0.00200	
MW - 11	05/10/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11	08/17/22	0.00548	0.0161	0.00335	0.00944	
MW - 11	11/09/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11	02/28/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11	05/11/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11	08/17/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 11	12/14/23	<0.00100	<0.00100	<0.00100	<0.010200	
MW - 12	06/20/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	09/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	11/12/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	02/12/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	05/14/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	08/21/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	12/10/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 12	02/11/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 12	12/02/04	<0.001	<0.001	<0.001	<0.001	
MW - 12	03/08/05	Not Sampled on Current Sample Schedule				
MW - 12	06/08/05	Not Sampled on Current Sample Schedule				
MW - 12	09/16/05	Not Sampled on Current Sample Schedule				
MW - 12	12/12/05	<0.001	<0.001	<0.001	<0.001	
MW - 12	03/16/06	Not Sampled on Current Sample Schedule				
MW - 12	06/15/06	Not Sampled on Current Sample Schedule				
MW - 12	09/30/06	Not Sampled on Current Sample Schedule				
MW - 12	12/01/06	<0.01	<0.01	<0.01	0.0336	
MW - 12	02/27/07	Not Sampled on Current Sample Schedule				
MW - 12	05/22/07	Not Sampled on Current Sample Schedule				
MW - 12	08/15/07	Not Sampled on Current Sample Schedule				
MW - 12	11/06/07	<0.001	<0.001	<0.001	<0.001	
MW - 12	02/12/08	Not Sampled on Current Sample Schedule				
MW - 12	06/05/08	<0.001	<0.001	<0.001	<0.001	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p, -XYLENES	o -XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 12	08/14/08	Not Sampled on Current Sample Schedule				
MW - 12	11/12/08	<0.001	<0.001	<0.001	<0.001	
MW - 12	02/10/09	Not Sampled on Current Sample Schedule				
MW - 12	05/12/09	Not Sampled on Current Sample Schedule				
MW - 12	08/10/09	Not Sampled on Current Sample Schedule				
MW - 12	11/17/09	<0.001	<0.001	<0.001	<0.001	
MW - 12	02/09/10	Not Sampled on Current Sample Schedule				
MW - 12	05/13/10	Not Sampled on Current Sample Schedule				
MW - 12	08/11/10	Not Sampled on Current Sample Schedule				
MW - 12	11/11/10	<0.001	<0.001	<0.001	<0.001	
MW - 12	02/16/11	Not Sampled on Current Sample Schedule				
MW - 12	05/19/11	Not Sampled on Current Sample Schedule				
MW - 12	08/10/11	Not Sampled on Current Sample Schedule				
MW - 12	11/16/11	<0.001	<0.001	<0.001	<0.001	
MW - 12	02/29/12	Not Sampled on Current Sample Schedule				
MW - 12	05/02/12	Not Sampled on Current Sample Schedule				
MW - 12	08/10/12	Not Sampled due to Site Excavation				
MW - 12	12/06/12	<0.001	<0.001	<0.001	<0.001	
MW - 12	02/13/13	Not Sampled on Current Sample Schedule				
MW - 12	05/22/13	Not Sampled on Current Sample Schedule				
MW - 12	08/13/13	Not Sampled on Current Sample Schedule				
MW - 12	11/21/13	<0.001	<0.001	<0.001	<0.00300	
MW - 12	02/04/14	Not Sampled on Current Sample Schedule				
MW - 12	05/14/14	Not Sampled on Current Sample Schedule				
MW - 12	08/05/14	Not Sampled on Current Sample Schedule				
MW - 12	11/19/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	02/09/15	Not Sampled on Current Sample Schedule				
MW - 12	05/27/15	Not Sampled on Current Sample Schedule				
MW - 12	08/03/15	Not Sampled on Current Sample Schedule				
MW - 12	11/18/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	02/24/16	Not Sampled on Current Sample Schedule				
MW - 12	06/07/16	Not Sampled on Current Sample Schedule				
MW - 12	08/02/16	Not Sampled on Current Sample Schedule				
MW - 12	11/08/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	03/01/17	Not Sampled on Current Sample Schedule				
MW - 12	05/23/17	Not Sampled on Current Sample Schedule				
MW - 12	08/17/17	Not Sampled on Current Sample Schedule				
MW - 12	11/13/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 12	02/08/18	Not Sampled on Current Sample Schedule				
MW - 12	05/21/18	Not Sampled on Current Sample Schedule				

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

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

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	02/27/07	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	
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	

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	03/01/17	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	
MW - 13	03/04/20	Not Sampled on Current Sample Schedule				
MW - 13	06/17/20	Not Sampled on Current Sample Schedule				
MW - 13	08/12/20	Not Sampled on Current Sample Schedule				
MW - 13	12/09/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 13	02/10/21	Not Sampled on Current Sample Schedule				
MW - 13	06/09/21	Not Sampled on Current Sample Schedule				
MW - 13	09/23/21	Not Sampled on Current Sample Schedule				
MW - 13	12/06/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 13	03/16/22	Not Sampled on Current Sample Schedule				
MW - 13	05/09/22	Not Sampled on Current Sample Schedule				
MW - 13	08/16/22	Not Sampled on Current Sample Schedule				
MW - 13	11/09/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 13	03/02/23	Not Sampled on Current Sample Schedule				
MW - 13	05/11/23	Not Sampled on Current Sample Schedule				
MW - 13	08/16/23	Not Sampled on Current Sample Schedule				
MW - 13	12/13/23	<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				

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	11/06/07	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				
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	

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	11/14/17	0.561	<0.00200	0.115	0.0483	
MW - 14	02/08/18	0.297	0.00298	0.0582	0.0243	
MW - 14	05/22/18	0.336	<0.0100	0.101	0.0708	
MW - 14	08/08/18	0.213	<0.0100	0.156	0.0900	
MW - 14	11/13/18	0.205	<0.0100	0.108	0.0459	
MW - 14	02/13/19	0.227	<0.00100	0.101	0.0479	
MW - 14	05/08/19	0.163	<0.00100	0.0756	0.0422	
MW - 14	08/08/19	0.328	0.00105	0.174	0.0953	
MW - 14	11/13/19	0.147	<0.00100	0.0914	0.0557	
MW - 14	03/05/20	0.235	0.00229	0.110	0.04423	
MW - 14	06/18/20	0.147	0.00505	0.140	0.1077	
MW - 14	08/13/20	0.208	0.00662	0.172	0.0988	
MW - 14	12/10/20	0.160	0.0116	0.157	0.06489	
MW - 14	02/11/21	0.140	0.0245	0.145	0.1472	
MW - 14	06/11/21	0.236	0.0227	0.137	0.1658	
MW - 14	09/23/21	0.352	0.0398	0.259	0.3124	
MW - 14	12/06/21	0.231	0.0189	0.239	0.1642	
MW - 14	03/16/22	0.281	0.00126	0.190	0.0521	
MW - 14	05/11/22	0.270	0.00775	0.221	0.0971	
MW - 14	08/18/22	0.207	0.00836	0.176	0.08336	
MW - 14	11/11/22	0.250	0.00903	0.225	0.1026	
MW - 14	03/02/23	0.207	0.00214	0.163	0.0569	
MW - 14	05/11/23	0.270	0.00141	0.192	0.0610	
MW - 14	08/18/23	0.178	0.00526	0.151	0.05665	
MW - 14	12/14/23	0.208	0.00113	0.157	0.04654	
MW - 15	3/8/2005	Not Sampled Due to PSH in Well				
MW - 15	06/08/05	Not Sampled Due to PSH in Well				
MW - 15	09/16/05	Not Sampled Due to PSH in Well				
MW - 15	12/12/05	Not Sampled Due to PSH in Well				
MW - 15	03/16/06	Not Sampled Due to PSH in Well				
MW - 15	06/15/06	Not Sampled Due to PSH in Well				
MW - 15	09/30/06	Not Sampled Due to PSH in Well				
MW - 15	12/01/06	Not Sampled Due to PSH in Well				
MW - 15	02/27/07	Not Sampled Due to PSH in Well				
MW - 15	05/22/07	Not Sampled Due to PSH in Well				
MW - 15	08/15/07	Not Sampled Due to PSH in Well				
MW - 15	11/06/07	Not Sampled Due to PSH in Well				
MW - 15	02/12/08	0.1610	<0.002	0.2410	0.0531	
MW - 15	05/13/08	Not Sampled Due to PSH in Well				

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	08/14/08	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	
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	

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	08/08/18	0.0253	<0.0100	0.00521	<0.0200	
MW - 15	11/13/18	0.0523	<0.0100	<0.00500	<0.0200	
MW - 15	02/13/19	0.0373	0.00165	0.00852	0.02065	
MW - 15	05/08/19	0.0302	0.00140	0.00381	0.01298	
MW - 15	08/08/19	0.00852	0.00139	0.00461	0.02557	
MW - 15	11/06/19	0.00997	<0.00100	0.00413	0.01004	
MW - 15	03/05/20	0.0324	0.0124	0.0244	0.1054	
MW - 15	06/18/20	0.0456	0.0142	0.0205	0.1083	
MW - 15	08/13/20	0.0579	0.0145	0.0232	0.0938	
MW - 15	12/10/20	0.0559	0.0688	0.287	0.205	
MW - 15	02/11/21	0.0575	0.0163	0.0521	0.0353	
MW - 15	06/11/21	0.0443	0.0145	0.0143	0.0737	
MW - 15	09/23/21	0.0247	0.0120	0.0136	0.0728	
MW - 15	12/06/21	0.0240	0.0202	<0.00100	0.0489	
MW - 15	03/16/22	0.0193	0.0120	<0.00100	0.0504	
MW - 15	05/11/22	0.0223	0.0121	0.0154	0.0761	
MW - 15	08/18/22	0.00401	0.00201	<0.00100	0.00951	
MW - 15	11/11/22	0.0157	0.00132	<0.00100	0.02082	
MW - 15	03/02/23	0.00955	0.0136	0.0374	0.1211	
MW - 15	05/11/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 15	08/17/23	Not Sampled Due to PSH in Well				
MW - 15	12/14/23	Not Sampled Due to PSH in Well				
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	

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

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p, -XYLENES	o -XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 16	03/01/17	Not Sampled on Current Sample Schedule				
MW - 16	05/23/17	Not Sampled on Current Sample Schedule				
MW - 16	08/17/17	Not Sampled on Current Sample Schedule				
MW - 16	11/13/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 16	02/08/18	Not Sampled on Current Sample Schedule				
MW - 16	05/22/18	Not Sampled on Current Sample Schedule				
MW - 16	08/08/18	Not Sampled on Current Sample Schedule				
MW - 16	11/12/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 16	02/12/19	Not Sampled on Current Sample Schedule				
MW - 16	05/07/19	Not Sampled on Current Sample Schedule				
MW - 16	08/07/19	Not Sampled on Current Sample Schedule				
MW - 16	11/05/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 16	03/04/20	Not Sampled on Current Sample Schedule				
MW - 16	06/17/20	Not Sampled on Current Sample Schedule				
MW - 16	08/12/20	Not Sampled on Current Sample Schedule				
MW - 16	12/09/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 16	02/10/21	Not Sampled on Current Sample Schedule				
MW - 16	06/09/21	Not Sampled on Current Sample Schedule				
MW - 16	09/23/21	Not Sampled on Current Sample Schedule				
MW - 16	12/06/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 16	03/16/22	Not Sampled on Current Sample Schedule				
MW - 16	05/09/22	Not Sampled on Current Sample Schedule				
MW - 16	08/16/22	Not Sampled on Current Sample Schedule				
MW - 16	11/09/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 16	03/02/23	Not Sampled on Current Sample Schedule				
MW - 16	05/11/23	Not Sampled on Current Sample Schedule				
MW - 16	08/16/23	Not Sampled on Current Sample Schedule				
MW - 16	12/13/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 17	06/20/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 17	09/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 17	11/12/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 17	02/12/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 17	05/14/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 17	08/21/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 17	12/10/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 17	02/11/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 17	12/02/04	<0.001	<0.001	<0.001	<0.001	
MW - 17	03/08/05	Not Sampled on Current Sample Schedule				
MW - 17	06/08/05	Not Sampled on Current Sample Schedule				

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p, -XYLENES	o -XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 17	09/16/05	Not Sampled on Current Sample Schedule				
MW - 17	12/12/05	<0.001	<0.001	<0.001	<0.001	
MW - 17	03/16/06	Not Sampled on Current Sample Schedule				
MW - 17	06/15/06	Not Sampled on Current Sample Schedule				
MW - 17	09/30/06	Not Sampled on Current Sample Schedule				
MW - 17	12/01/06	<0.02	<0.02	<0.02	<0.02	
MW - 17	02/27/07	Not Sampled on Current Sample Schedule				
MW - 17	05/22/07	Not Sampled on Current Sample Schedule				
MW - 17	08/15/07	Not Sampled on Current Sample Schedule				
MW - 17	11/06/07	<0.001	<0.001	<0.001	<0.001	
MW - 17	02/12/08	Not Sampled on Current Sample Schedule				
MW - 17	05/13/08	Not Sampled on Current Sample Schedule				
MW - 17	08/14/08	Not Sampled on Current Sample Schedule				
MW - 17	11/12/08	<0.001	<0.001	<0.001	<0.001	
MW - 17	02/10/09	Not Sampled on Current Sample Schedule				
MW - 17	05/12/09	Not Sampled on Current Sample Schedule				
MW - 17	08/10/09	Not Sampled on Current Sample Schedule				
MW - 17	11/17/09	<0.001	<0.001	<0.001	<0.001	
MW - 17	02/09/10	Not Sampled on Current Sample Schedule				
MW - 17	05/13/10	Not Sampled on Current Sample Schedule				
MW - 17	08/11/10	Not Sampled on Current Sample Schedule				
MW - 17	11/11/10	<0.001	<0.001	<0.001	<0.001	
MW - 17	02/16/11	Not Sampled on Current Sample Schedule				
MW - 17	05/19/11	Not Sampled on Current Sample Schedule				
MW - 17	08/10/11	Not Sampled on Current Sample Schedule				
MW - 17	11/16/11	<0.001	<0.001	<0.001	<0.001	
MW - 17	02/29/12	Not Sampled on Current Sample Schedule				
MW - 17	05/02/12	Not Sampled on Current Sample Schedule				
MW - 17	08/10/12	Not Sampled on Current Sample Schedule				
MW - 17	12/07/12	<0.001	<0.001	<0.001	<0.001	
MW - 17	02/13/13	Not Sampled on Current Sample Schedule				
MW - 17	05/22/13	Not Sampled on Current Sample Schedule				
MW - 17	08/13/13	Not Sampled on Current Sample Schedule				
MW - 17	11/21/13	<0.001	<0.001	<0.001	<0.00300	
MW - 17	02/04/14	Not Sampled on Current Sample Schedule				
MW - 17	05/14/14	Not Sampled on Current Sample Schedule				
MW - 17	08/05/14	Not Sampled on Current Sample Schedule				
MW - 17	11/19/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 17	02/09/15	Not Sampled on Current Sample Schedule				
MW - 17	05/27/15	Not Sampled on Current Sample Schedule				

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p, -XYLENES	o -XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 17	08/03/15	Not Sampled on Current Sample Schedule				
MW - 17	11/18/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 17	02/24/16	Not Sampled on Current Sample Schedule				
MW - 17	06/07/16	Not Sampled on Current Sample Schedule				
MW - 17	08/03/16	Not Sampled on Current Sample Schedule				
MW - 17	11/08/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 17	03/01/17	Not Sampled on Current Sample Schedule				
MW - 17	05/23/17	Not Sampled on Current Sample Schedule				
MW - 17	08/17/17	Not Sampled on Current Sample Schedule				
MW - 17	11/13/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 17	02/08/18	Not Sampled on Current Sample Schedule				
MW - 17	05/22/18	Not Sampled on Current Sample Schedule				
MW - 17	08/08/18	Not Sampled on Current Sample Schedule				
MW - 17	11/12/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 17	02/12/19	Not Sampled on Current Sample Schedule				
MW - 17	05/07/19	Not Sampled on Current Sample Schedule				
MW - 17	08/07/19	Not Sampled on Current Sample Schedule				
MW - 17	11/06/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 17	03/04/20	Not Sampled on Current Sample Schedule				
MW - 17	06/17/20	Not Sampled on Current Sample Schedule				
MW - 17	08/12/20	Not Sampled on Current Sample Schedule				
MW - 17	12/09/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 17	02/10/21	Not Sampled on Current Sample Schedule				
MW - 17	06/09/21	Not Sampled on Current Sample Schedule				
MW - 17	09/23/21	Not Sampled on Current Sample Schedule				
MW - 17	12/06/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 17	03/16/22	Not Sampled on Current Sample Schedule				
MW - 17	05/09/22	Not Sampled on Current Sample Schedule				
MW - 17	08/16/22	Not Sampled on Current Sample Schedule				
MW - 17	11/09/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 17	03/02/23	Not Sampled on Current Sample Schedule				
MW - 17	05/11/23	Not Sampled on Current Sample Schedule				
MW - 17	08/16/23	Not Sampled on Current Sample Schedule				
MW - 17	12/15/23	<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

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	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	
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	

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

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	11/20/14	0.366	<0.0500	<0.0500	<0.0500	
MW - 19	02/09/15	0.205	<0.0500	<0.0500	<0.0500	
MW - 19	05/27/15	0.217	<0.0500	<0.0500	<0.0500	
MW - 19	08/03/15	0.202	<0.0500	<0.0500	<0.0500	
MW - 19	11/19/15	0.236	<0.00100	0.0440	0.0165	
MW - 19	02/24/16	0.256	<0.00100	0.0364	0.0155	
MW - 19	06/07/16	0.239	<0.00100	0.0389	0.00480	
MW - 19	08/03/16	0.205	<0.0500	<0.0500	<0.0500	
MW - 19	11/08/16	0.139	<0.0500	<0.0500	<0.0500	
MW - 19	03/01/17	0.147	0.00586	0.0260	0.0411	
MW - 19	05/23/17	0.295	0.00361	0.0470	0.0147	
MW - 19	08/17/17	0.390	0.00302	0.0523	0.03216	
MW - 19	11/14/17	0.209	<0.00200	0.0283	0.0107	
MW - 19	02/08/18	0.213	0.0168	0.0303	0.0519	
MW - 19	05/22/18	0.191	<0.0100	0.0254	0.0244	
MW - 19	08/08/18	0.184	<0.0100	0.0202	0.0199	
MW - 19	11/13/18	0.197	<0.0100	0.0277	0.0478	
MW - 19	02/12/19	0.128	0.00152	0.0176	0.01129	
MW - 19	05/08/19	0.157	<0.00100	0.0202	0.02512	
MW - 19	08/08/19	0.154	0.00445	0.0282	0.0708	
MW - 19	11/13/19	0.0923	0.00204	0.0222	0.0389	
MW - 19	03/05/20	0.185	0.0290	0.0584	0.233	
MW - 19	06/18/20	0.158	0.0310	0.0569	0.1725	
MW - 19	08/12/20	Not Sampled Due to PSH in Well				
MW - 19	12/10/20	0.208	0.0578	0.240	0.1428	
MW - 19	02/11/21	0.133	0.0311	0.0492	0.0544	
MW - 19	06/11/21	0.207	0.0211	0.0298	0.0903	
MW - 19	09/23/21	0.184	0.0237	0.0297	0.1047	
MW - 19	12/07/21	0.178	0.00177	0.00451	<0.00200	
MW - 19	03/15/22	0.195	0.00156	0.00811	0.0112	
MW - 19	05/11/22	0.178	0.00297	0.00862	0.0151	
MW - 19	08/17/22	0.122	0.00140	0.00211	<0.00200	
MW - 19	11/10/22	0.150	<0.00100	0.00613	0.00206	
MW - 19	02/28/23	0.196	0.00153	0.00448	0.0130	
MW - 19	05/11/23	0.197	0.00227	0.00567	<0.00200	
MW - 19	08/17/23	0.128	0.00132	0.00279	<0.00200	
MW - 19	12/14/23	0.116	<0.00100	0.00357	0.00562	
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

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p, -XYLENES	o -XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 20	11/12/02	0.5020	<0.001	0.1360	0.0030	<0.001
MW - 20	02/12/03	0.4710	<0.001	0.1650	<0.001	<0.001
MW - 20	05/14/03	0.4100	<0.001	0.1280	<0.001	0.003
MW - 20	08/21/03	0.2950	<0.001	0.1340	0.0070	<0.001
MW - 20	12/10/03	0.0610	<0.001	0.0620	<0.002	<0.001
MW - 20	02/11/04	0.4590	<0.001	0.1590	0.0040	<0.001
MW - 20	05/11/04	0.3020	<0.001	0.1270	<0.002	<0.001
MW - 20	08/25/04	1.9600	<0.001	0.1440	0.0042	0.001
MW - 20	12/03/04	0.2570	<0.005	0.0760	<0.005	
MW - 20	03/08/05	<0.1	<0.1	<0.1	<0.1	
MW - 20	06/08/05	0.1560	<0.05	<0.05	<0.05	
MW - 20	09/16/05	0.0488	<0.001	0.0250	<0.001	
MW - 20	12/12/05	0.0615	<0.01	0.0293	<0.01	
MW - 20	03/16/06	0.1000	<0.005	0.0232	<0.005	
MW - 20	06/15/06	0.0808	<0.02	0.0343	<0.02	
MW - 20	09/30/06	<0.001	<0.001	0.0056	0.0109	
MW - 20	12/01/06	0.2920	<0.01	0.1240	<0.01	
MW - 20	02/27/07	<0.02	<0.02	0.0745	<0.02	
MW - 20	05/22/07	0.0284	<0.005	<0.005	<0.005	
MW - 20	08/15/07	0.3540	<0.1	<0.1	<0.1	
MW - 20	11/06/07	0.1690	<0.02	<0.02	<0.02	
MW - 20	02/12/08	0.2010	<0.005	0.0204	<0.005	
MW - 20	05/13/08	0.4700	<0.005	0.0251	<0.005	
MW - 20	08/14/08	0.5350	<0.005	<0.005	<0.005	
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				

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	12/06/12	0.0136	<0.001	<0.001	<0.001	
MW - 20	02/13/13	<0.0100	<0.0100	<0.0100	<0.0100	
MW - 20	05/22/13	0.0072	<0.001	<0.001	<0.001	
MW - 20	08/13/13	<0.00500	<0.00500	<0.00500	<0.00500	
MW - 20	11/21/13	0.00790	<0.00500	<0.00500	<0.0150	
MW - 20	02/04/14	0.01270	<0.00100	<0.00100	<0.00300	
MW - 20	05/14/14	0.0123	<0.00100	<0.00100	<0.00300	
MW - 20	08/05/14	<0.00500	<0.00500	<0.00500	<0.00500	
MW - 20	11/20/14	0.0042	<0.00100	<0.00100	<0.00100	
MW - 20	02/09/15	0.00400	<0.00100	0.00140	0.00120	
MW - 20	05/27/15	<0.0200	<0.0200	<0.0200	0.0265	
MW - 20	08/03/15	<0.00500	<0.00500	<0.00500	<0.00500	
MW - 20	11/18/15	0.00220	<0.00100	<0.00100	0.00370	
MW - 20	02/24/16	0.00140	<0.00100	0.00150	<0.00100	
MW - 20	06/07/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 20	08/02/16	<0.0100	<0.0100	<0.0100	<0.0100	
MW - 20	11/08/16	<0.0100	<0.0100	<0.0100	<0.0100	
MW - 20	03/01/17	0.00553	<0.00200	<0.00200	<0.00200	
MW - 20	05/23/17	0.0128	<0.00200	<0.00200	<0.00400	
MW - 20	08/17/17	0.0177	<0.00200	<0.00200	<0.00400	
MW - 20	11/14/17	0.00410	0.00301	<0.00200	<0.00400	
MW - 20	02/08/18	0.0134	<0.00200	<0.00200	0.00887	
MW - 20	05/21/18	0.00150	<0.0100	0.0150	<0.0200	
MW - 20	08/08/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 20	11/12/18	0.00221	<0.0100	<0.00500	<0.0200	
MW - 20	02/13/19	<0.00100	<0.00100	0.00521	0.00424	
MW - 20	05/08/19	<0.00100	<0.00100	0.00872	0.0105	
MW - 20	08/07/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 20	11/06/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 20	03/04/20	<0.00100	<0.00100	0.00507	0.00211	
MW - 20	06/18/20	<0.00100	<0.00500	<0.00500	<0.00500	
MW - 20	08/13/20	<0.00100	0.00102	<0.00100	<0.00200	
MW - 20	12/09/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 20	02/11/21	<0.00100	0.00149	<0.00100	<0.00200	
MW - 20	06/10/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 20	09/23/21	<0.00100	<0.00100	<0.00100	0.00345	
MW - 20	12/06/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 20	03/16/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 20	05/11/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 20	08/18/22	<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 - 20	11/10/22	<0.00100	<0.00100	<0.00100	0.00542	
MW - 20	03/02/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 20	05/10/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 20	08/17/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 20	12/15/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 21	06/20/02	0.0370	<0.001	0.0010	<0.001	0.002
MW - 21	09/26/02	0.1560	<0.001	0.0540	<0.001	<0.001
MW - 21	11/12/02	0.0820	<0.001	0.0650	0.0030	<0.001
MW - 21	02/12/03	0.0780	<0.001	0.0720	0.0030	<0.001
MW - 21	05/14/03	0.0860	<0.001	0.0720	0.0040	<0.001
MW - 21	08/21/03	0.1040	<0.001	0.0740	0.0040	<0.001
MW - 21	12/10/03	0.0880	<0.001	0.0380	<0.002	<0.001
MW - 21	02/11/04	0.0720	<0.001	0.0410	<0.002	<0.001
MW - 21	05/11/04	0.0845	<0.001	0.0449	<0.002	<0.001
MW - 21	08/25/04	0.1080	<0.001	0.0214	<0.002	<0.001
MW - 21	12/02/04	0.0533	<0.005	<0.005	0.0070	
MW - 21	03/08/05	<0.1	<0.1	<0.1	<0.1	
MW - 21	06/08/05	0.0105	<0.01	<0.01	<0.01	
MW - 21	09/15/05	0.0186	<0.001	<0.001	<0.001	
MW - 21	12/12/05	0.0082	<0.001	<0.001	0.0059	
MW - 21	03/16/06	Not Sampled				
MW - 21	06/15/06	<0.02	<0.02	<0.02	<0.02	
MW - 21	09/30/06	0.0059	<0.005	<0.005	0.0107	
MW - 21	12/01/06	0.3280	<0.01	0.1130	<0.01	
MW - 21	02/27/07	<0.02	<0.02	<0.02	<0.02	
MW - 21	05/22/07	<0.005	<0.005	<0.005	<0.005	
MW - 21	08/15/07	<0.01	<0.01	<0.01	<0.01	
MW - 21	11/06/07	<0.001	<0.001	<0.001	0.0014	
MW - 21	02/12/08	0.0017	<0.001	0.0022	0.0010	
MW - 21	05/13/08	0.0024	<0.001	0.0017	<0.001	
MW - 21	08/14/08	0.0038	<0.001	0.0040	0.0072	
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	

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

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

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p, -XYLENES	o -XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 22	05/12/09	<0.001	<0.001	<0.001	<0.001	
MW - 22	08/10/09	Not Sampled on Current Sample Schedule				
MW - 22	11/17/09	<0.001	<0.001	<0.001	0.0012	
MW - 22	02/09/10	Not Sampled on Current Sample Schedule				
MW - 22	05/13/10	<0.001	<0.001	<0.001	0.0057	
MW - 22	08/11/10	Not Sampled on Current Sample Schedule				
MW - 22	11/11/10	<0.0200	<0.0200	<0.0200	<0.0200	
MW - 22	02/16/11	Not Sampled on Current Sample Schedule				
MW - 22	05/19/11	<0.001	<0.001	<0.001	0.0154	
MW - 22	08/10/11	Not Sampled on Current Sample Schedule				
MW - 22	11/16/11	<0.001	<0.001	<0.001	<0.001	
MW - 22	02/29/12	Not Sampled on Current Sample Schedule				
MW - 22	05/02/12	<0.001	<0.001	<0.001	<0.001	
MW - 22	08/10/12	Not Sampled due to Site Excavation				
MW - 22	12/06/12	<0.001	<0.001	<0.001	<0.001	
MW - 22	02/13/13	Not Sampled on Current Sample Schedule				
MW - 22	05/22/13	<0.001	<0.001	<0.001	<0.001	
MW - 22	08/13/13	Not Sampled on Current Sample Schedule				
MW - 22	11/21/13	<0.001	<0.001	<0.001	<0.00300	
MW - 22	02/04/14	Not Sampled on Current Sample Schedule				
MW - 22	05/14/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 22	08/05/14	Not Sampled on Current Sample Schedule				
MW - 22	11/19/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 22	02/09/15	Not Sampled on Current Sample Schedule				
MW - 22	05/27/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 22	08/03/15	Not Sampled on Current Sample Schedule				
MW - 22	11/18/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 22	02/24/16	Not Sampled on Current Sample Schedule				
MW - 22	06/07/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 22	08/02/16	Not Sampled on Current Sample Schedule				
MW - 22	11/08/16	<0.00500	<0.00500	<0.00500	<0.00500	
MW - 22	03/01/17	Not Sampled on Current Sample Schedule				
MW - 22	05/23/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 22	08/17/17	Not Sampled on Current Sample Schedule				
MW - 22	11/14/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 22	02/08/18	Not Sampled on Current Sample Schedule				
MW - 22	05/21/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 22	08/08/18	Not Sampled on Current Sample Schedule				
MW - 22	11/12/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 22	02/12/19	Not Sampled on Current Sample Schedule				

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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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 - 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				

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

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p, -XYLENES	o -XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 23	12/09/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 23	02/10/21	Not Sampled on Current Sample Schedule				
MW - 23	06/10/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 23	09/23/21	Not Sampled on Current Sample Schedule				
MW - 23	12/06/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 23	03/16/22	Not Sampled on Current Sample Schedule				
MW - 23	05/11/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 23	08/16/22	Not Sampled on Current Sample Schedule				
MW - 23	11/10/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 23	03/02/23	Not Sampled on Current Sample Schedule				
MW - 23	05/10/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 23	08/16/23	Not Sampled on Current Sample Schedule				
MW - 23	12/15/23	<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				

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	05/12/09	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				
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				

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	05/07/19	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
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				

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	11/11/10	<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				
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				

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p, -XYLENES	o -XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 25	12/09/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 25	02/10/21	Not Sampled on Current Sample Schedule				
MW - 25	06/10/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 25	09/23/21	Not Sampled on Current Sample Schedule				
MW - 25	12/07/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 25	03/15/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 25	05/10/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 25	08/17/22	0.00120	0.00207	<0.00100	<0.00200	
MW - 25	11/09/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 25	02/28/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 25	05/11/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 25	08/17/23	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 25	12/14/23	<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
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	

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	11/12/08	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	
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	

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	11/12/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 26	02/12/19	<0.00100	<0.00100	0.00167	0.00205	
MW - 26	05/08/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 26	08/07/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 26	11/06/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 26	03/04/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 26	06/17/20	Not Sampled on Current Sample Schedule				
MW - 26	08/12/20	Not Sampled on Current Sample Schedule				
MW - 26	12/09/20	Not Sampled on Current Sample Schedule				
MW - 26	02/10/21	Not Sampled on Current Sample Schedule				
MW - 26	06/10/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 26	09/23/21	Not Sampled on Current Sample Schedule				
MW - 26	12/06/21	Not Sampled on Current Sample Schedule				
MW - 26	03/16/22	Not Sampled on Current Sample Schedule				
MW - 26	05/09/22	Not Sampled on Current Sample Schedule				
MW - 26	08/18/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 26	11/09/22	Not Sampled on Current Sample Schedule				
MW - 26	03/02/23	Not Sampled on Current Sample Schedule				
MW - 26	05/11/23	Not Sampled on Current Sample Schedule				
MW - 26	08/16/23	Not Sampled on Current Sample Schedule				
MW - 26	12/13/23	<0.00100	<0.00100	<0.00100	<0.00200	
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				
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				

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	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				
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				

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

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

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	11/18/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 28	02/24/16	Not Sampled on Current Sample Schedule				
MW - 28	06/07/16	Not Sampled on Current Sample Schedule				
MW - 28	08/02/16	Not Sampled on Current Sample Schedule				
MW - 28	11/08/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 28	03/01/17	Not Sampled on Current Sample Schedule				
MW - 28	05/23/17	Not Sampled on Current Sample Schedule				
MW - 28	08/17/17	Not Sampled on Current Sample Schedule				
MW - 28	11/14/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 28	02/08/18	Not Sampled on Current Sample Schedule				
MW - 28	05/21/18	Not Sampled on Current Sample Schedule				
MW - 28	08/08/18	Not Sampled on Current Sample Schedule				
MW - 28	11/12/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 28	02/12/19	Not Sampled on Current Sample Schedule				
MW - 28	05/07/19	Not Sampled on Current Sample Schedule				
MW - 28	08/07/19	Not Sampled on Current Sample Schedule				
MW - 28	11/06/19	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 28	03/04/20	Not Sampled on Current Sample Schedule				
MW - 28	06/17/20	Not Sampled on Current Sample Schedule				
MW - 28	08/12/20	Not Sampled on Current Sample Schedule				
MW - 28	12/09/20	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 28	02/10/21	Not Sampled on Current Sample Schedule				
MW - 28	06/09/21	Not Sampled on Current Sample Schedule				
MW - 28	09/23/21	Not Sampled on Current Sample Schedule				
MW - 28	12/06/21	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 28	03/16/22	Not Sampled on Current Sample Schedule				
MW - 28	05/09/22	Not Sampled on Current Sample Schedule				
MW - 28	08/16/22	Not Sampled on Current Sample Schedule				
MW - 28	11/10/22	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 28	03/02/23	Not Sampled on Current Sample Schedule				
MW - 28	05/11/23	Not Sampled on Current Sample Schedule				
MW - 28	08/16/23	Not Sampled on Current Sample Schedule				
MW - 28	12/15/23	<0.00100	<0.00100	<0.00100	<0.00200	
RW - 1	03/08/05	Not Sampled Due to PSH in Well				
RW - 1	06/08/05	Not Sampled Due to PSH in Well				
RW - 1	09/15/05	Not Sampled Due to PSH in Well				
RW - 1	12/12/05	Not Sampled Due to PSH in Well				
RW - 1	03/16/06	Not Sampled Due to PSH in Well				
RW - 1	06/15/06	Not Sampled Due to PSH in Well				

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p, -XYLENES	o -XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
RW - 1	09/30/06	Not Sampled Due to PSH in Well				
RW - 1	12/01/06	Not Sampled Due to PSH in Well				
RW - 1	02/27/07	Not Sampled Due to PSH in Well				
RW - 1	05/22/07	Not Sampled Due to PSH in Well				
RW - 1	08/15/07	Not Sampled Due to PSH in Well				
RW - 1	11/06/07	Not Sampled Due to PSH in Well				
RW - 1	02/12/08	Not Sampled Due to PSH in Well				
RW - 1	05/13/08	Not Sampled Due to PSH in Well				
RW - 1	08/14/08	Not Sampled Due to PSH in Well				
RW - 1	11/12/08	0.2180	0.117	0.0721	0.0853	
RW - 1	02/10/09	Not Sampled Due to PSH in Well				
RW - 1	05/12/09	Not Sampled Due to PSH in Well				
RW - 1	08/10/09	Not Sampled Due to PSH in Well				
RW - 1	11/18/09	0.1820	<0.010	0.0367	<0.010	
RW - 1	02/09/10	0.2760	<0.010	0.0546	0.0714	
RW - 1	05/13/10	0.2520	<0.001	0.0364	<0.001	
RW - 1	08/11/10	Not Sampled Due to PSH in Well				
RW - 1	11/11/10	Not Sampled Due to PSH in Well				
RW - 1	02/16/11	Not Sampled Due to PSH in Well				
RW - 1	05/19/11	Not Sampled Due to PSH in Well				
RW - 1	08/10/11	Not Sampled Due to PSH in Well				
RW - 1	11/16/11	Not Sampled Due to PSH in Well				
RW - 1	02/29/12	Not Sampled Due to PSH in Well				
RW - 1	05/02/12	0.3220	<0.001	<0.001	<0.001	
RW - 1	08/10/12	Not Sampled due to Site Excavation				
RW - 1	12/07/12	Not Sampled Due to PSH in Well				
RW - 1	02/13/13	Not Sampled Due to PSH in Well				
RW - 1	05/22/13	0.1470	<0.00500	<0.00500	<0.00500	
RW - 1	08/13/13	0.110	<0.00100	0.00950	<0.00100	
RW - 1	11/21/13	<0.0500	<0.0500	<0.0500	<0.150	
RW - 1	02/04/14	0.0846	<0.0500	<0.0500	<0.150	
RW - 1	05/14/14	0.0642	<0.0500	<0.0500	<0.150	
RW - 1	08/05/14	0.0472	<0.00100	0.00720	0.0035	
RW - 1	11/19/14	0.2350	<0.0500	<0.0500	<0.0500	
RW - 1	02/09/15	0.0516	<0.0500	<0.0500	<0.0500	
RW - 1	05/27/15	0.0568	<0.00100	<0.00100	0.00210	
RW - 1	08/03/15	0.0303	<0.00100	0.00180	0.00130	
RW - 1	11/19/15	0.0548	<0.00100	<0.00100	<0.00100	
RW - 1	02/24/16	0.0339	0.00170	0.00220	0.0139	
RW - 1	06/07/16	0.0237	0.00170	0.00260	<0.00100	

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p, -XYLENES	o -XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
RW - 1	08/03/16	0.0217	<0.0100	<0.0100	<0.0100	
RW - 1	11/08/16	0.0228	<0.00500	<0.00500	<0.00500	
RW - 1	03/01/17	0.0235	0.00368	<0.00200	0.0601	
RW - 1	05/23/17	0.0769	0.00289	0.0101	0.0167	
RW - 1	08/17/17	0.0292	<0.00200	<0.00200	<0.00400	
RW - 1	11/14/17	0.0843	<0.00200	<0.00200	<0.00400	
RW - 1	02/08/18	0.0631	0.00220	<0.00200	0.01544	
RW - 1	05/22/18	0.0296	<0.0100	0.00760	<0.0200	
RW - 1	08/08/18	0.0126	<0.0100	<0.00500	<0.0200	
RW - 1	11/13/18	0.171	<0.0500	0.151	0.158	
RW - 1	02/13/19	0.0294	<0.00500	<0.00500	<0.0100	
RW - 1	05/08/19	0.0212	<0.00100	0.00473	<0.00200	
RW - 1	08/08/19	0.00258	0.00137	0.00417	0.01604	
RW - 1	11/06/19	0.00910	<0.00100	<0.00100	<0.00200	
RW - 1	03/04/20	0.0401	0.00438	0.0122	0.0422	
RW - 1	06/18/20	0.00682	<0.00500	0.00587	0.02734	
RW - 1	08/13/20	0.00953	0.00356	0.00607	0.02045	
RW - 1	12/10/20	0.00742	0.00117	<0.00100	0.00259	
RW - 1	02/11/21	0.00977	0.00630	0.0260	0.01389	
RW - 1	06/10/21	0.0116	0.00619	0.0114	0.02348	
RW - 1	09/23/21	0.00369	0.00430	0.00539	0.0261	
RW - 1	12/06/21	<0.00100	0.00298	0.00752	0.00365	
RW - 1	03/16/22	0.00146	0.00227	0.00402	0.00756	
RW - 1	05/11/22	0.00114	0.00120	0.00190	0.00489	
RW - 1	08/18/22	0.00379	0.00195	0.00517	0.00334	
RW - 1	11/10/22	0.00506	0.00145	0.00282	0.01498	
RW - 1	03/02/23	0.00161	0.00244	0.0144	0.01867	
RW - 1	05/10/23	0.00248	0.0105	0.0567	0.05489	
RW - 1	08/17/23	0.00502	0.00359	0.00413	0.01084	
RW - 1	12/15/23	0.171	<0.00100	0.0380	0.0162	
RW - 2	03/08/05	0.1400	<0.1	<0.1	<0.1	
RW - 2	06/08/05	0.0178	<0.01	0.0241	<0.01	
RW - 2	09/15/05	Not Sampled Due to PSH in Well				
RW - 2	12/12/05	Not Sampled Due to PSH in Well				
RW - 2	03/16/06	Not Sampled Due to PSH in Well				
RW - 2	06/15/06	Not Sampled Due to PSH in Well				
RW - 2	09/30/06	Not Sampled Due to PSH in Well				
RW - 2	12/01/06	Not Sampled Due to PSH in Well				
RW - 2	02/27/07	Not Sampled Due to PSH in Well				

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p, -XYLENES	o -XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
RW - 2	05/22/07	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
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				

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	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	
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	

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	11/08/16	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 - 3	02/11/21	0.0903	0.00413	0.00658	0.00679	
RW - 3	06/11/21	0.188	0.00409	0.00513	0.01198	
RW - 3	09/23/21	0.164	0.00297	0.00764	0.01009	
RW - 3	12/07/21	0.00612	<0.00100	<0.00100	<0.00200	
RW - 3	03/15/22	<0.00100	<0.00100	<0.00100	<0.00200	
RW - 3	05/10/22	0.0136	<0.00100	<0.00100	<0.00200	
RW - 3	08/17/22	0.213	0.00131	<0.00100	0.00201	
RW - 3	11/10/22	0.00107	<0.00100	<0.00100	<0.00200	
RW - 3	02/28/23	<0.00100	<0.00100	<0.00100	<0.00200	
RW - 3	05/11/23	<0.00100	<0.00100	<0.00100	<0.00200	
RW - 3	08/17/23	0.0707	<0.00100	<0.00100	<0.00200	
RW - 3	12/14/23	<0.00100	<0.00100	<0.00100	<0.00200	
RW - 4	05/14/03	0.6390	0.001	0.2750	0.2610	0.032
RW - 4	03/08/05	0.3230	<0.05	<0.05	<0.05	
RW - 4	06/08/05	0.4410	<0.05	<0.05	<0.05	
RW - 4	09/15/05	Not Sampled Due to PSH in Well				
RW - 4	12/12/05	Not Sampled Due to PSH in Well				
RW - 4	03/16/06	0.2660	<0.001	0.0595	0.0459	
RW - 4	06/15/06	Not Sampled Due to PSH in Well				
RW - 4	09/30/06	Not Sampled Due to PSH in Well				
RW - 4	12/01/06	Not Sampled Due to PSH in Well				
RW - 4	02/27/07	Not Sampled Due to PSH in Well				

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	05/22/07	Not Sampled Due to PSH in Well				
RW - 4	08/15/07	0.3540	<0.1	<0.1	<0.1	
RW - 4	11/06/07	0.2930	<0.2	<0.2	<0.2	
RW - 4	02/12/08	0.4720	<0005	0.1090	0.0866	
RW - 4	05/13/08	0.3360	<0.005	0.0549	0.0391	
RW - 4	08/14/08	0.3960	<0.005	0.0885	0.0679	
RW - 4	11/12/08	0.3660	<0.010	0.0777	0.0541	
RW - 4	02/10/09	0.6470	<0.010	0.1330	0.0813	
RW - 4	05/12/09	0.6520	<0.010	0.2020	0.1850	
RW - 4	08/10/09	0.4300	<0.010	0.1280	0.1300	
RW - 4	11/18/09	0.3360	<0.010	0.1290	0.0409	
RW - 4	02/09/10	0.3250	<0.010	0.0832	0.0641	
RW - 4	05/13/10	0.3240	<0.010	0.0679	0.0638	
RW - 4	08/11/10	0.1420	<0.100	<0.100	<0.100	
RW - 4	11/11/10	0.4740	<0.100	<0.100	<0.100	
RW - 4	02/16/11	1.6100	<0.100	0.8490	<0.100	
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	

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	05/23/17	0.134	0.00409	0.0466	0.0690	
RW - 4	08/17/17	0.224	<0.00200	0.0323	0.03361	
RW - 4	11/14/17	0.231	<0.00200	0.0382	0.0235	
RW - 4	02/08/18	0.166	<0.00200	0.0389	0.02144	
RW - 4	05/22/18	0.0850	<0.0100	0.0272	<0.0200	
RW - 4	08/08/18	0.104	<0.0100	0.0206	<0.0200	
RW - 4	11/13/18	0.199	<0.0100	0.0746	0.0435	
RW - 4	02/13/19	0.244	0.00323	0.151	0.09806	
RW - 4	05/08/19	0.223	<0.00100	0.0827	0.0566	
RW - 4	08/08/19	0.0956	<0.00100	0.0140	0.01785	
RW - 4	11/13/19	0.170	<0.00100	0.108	0.0947	
RW - 4	03/05/20	0.186	0.00240	0.0719	0.0659	
RW - 4	06/18/20	0.0795	<0.00500	0.0207	0.03294	
RW - 4	08/13/20	0.120	0.00306	0.0456	0.04117	
RW - 4	12/10/20	0.124	<0.00100	0.0141	0.01161	
RW - 4	02/11/21	0.154	0.0160	0.175	0.1635	
RW - 4	06/11/21	0.417	0.0116	0.191	0.15975	
RW - 4	09/23/21	0.376	<0.00500	0.288	0.2338	
RW - 4	12/06/21	0.431	0.0136	0.247	0.1804	
RW - 4	03/16/22	0.307	0.00302	0.105	0.0523	
RW - 4	05/11/22	0.377	0.00394	0.219	0.10588	
RW - 4	08/18/22	0.257	0.00605	0.0510	0.03890	
RW - 4	11/11/22	0.306	0.00384	0.167	0.09198	
RW - 4	03/02/23	0.0204	<0.00100	0.00371	0.00448	
RW - 4	05/11/23	0.170	<0.00100	0.0251	0.01653	
RW - 4	08/18/23	0.222	0.00505	0.0918	0.07675	
RW - 4	12/14/23	0.245	<0.00100	0.0697	0.04945	
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				

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 - 5	08/15/07	Not Sampled Due to PSH in Well				
RW - 5	11/06/07	Not Sampled Due to PSH in Well				
RW - 5	02/12/08	Not Sampled Due to PSH in Well				
RW - 5	05/13/08	Not Sampled Due to PSH in Well				
RW - 5	08/14/08	Not Sampled Due to PSH in Well				
RW - 5	11/12/08	0.1320	0.148	0.1230	0.1640	
RW - 5	02/10/09	Not Sampled Due to PSH in Well				
RW - 5	05/12/09	Not Sampled Due to PSH in Well				
RW - 5	08/10/09	Not Sampled Due to PSH in Well				
RW - 5	11/18/09	0.0220	<0.005	0.0508	0.0149	
RW - 5	02/09/10	Not Sampled Due to PSH in Well				
RW - 5	05/13/10	Not Sampled Due to PSH in Well				
RW - 5	08/11/10	Not Sampled Due to PSH in Well				
RW - 5	11/11/10	Not Sampled Due to PSH in Well				
RW - 5	02/16/11	Not Sampled Due to PSH in Well				
RW - 5	05/19/11	Not Sampled Due to PSH in Well				
RW - 5	08/10/11	Not Sampled Due to PSH in Well				
RW - 5	11/17/11	Not Sampled Due to PSH in Well				
RW - 5	02/29/12	Not Sampled Due to PSH in Well				
RW - 5	05/02/12	0.3490	<0.0100	0.2010	0.1940	
RW - 5	08/10/12	Not Sampled due to Site Excavation				
RW - 5	12/07/12	Not Sampled Due to PSH in Well				
RW - 5	02/13/13	Not Sampled Due to PSH in Well				
RW - 5	05/22/13	Not Sampled Due to PSH in Well				
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	

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	02/08/18	0.239	0.00228	0.0221	0.0139	
RW - 5	05/22/18	0.236	<0.0100	0.0252	<0.0200	
RW - 5	08/08/18	0.202	<0.0100	0.0308	<0.0200	
RW - 5	11/13/18	0.216	<0.0100	0.0486	0.0342	
RW - 5	02/13/19	0.151	<0.00100	0.0201	0.00688	
RW - 5	05/08/19	0.0882	<0.00100	0.0114	0.00938	
RW - 5	08/08/19	0.177	<0.00100	0.0101	0.01843	
RW - 5	11/13/19	0.136	<0.00100	0.0190	0.0278	
RW - 5	03/05/20	0.175	0.00373	0.0276	0.03087	
RW - 5	06/18/20	0.144	0.00701	0.0312	0.0633	
RW - 5	08/13/20	0.178	0.00288	0.0133	0.02216	
RW - 5	12/10/20	0.188	0.00166	0.00557	0.00899	
RW - 5	02/11/21	0.135	0.00518	0.0297	0.0266	
RW - 5	06/11/21	0.206	0.00220	0.0125	0.02776	
RW - 5	09/23/21	0.167	0.0143	0.0484	0.1073	
RW - 5	12/06/21	0.296	0.00171	0.0158	0.0206	
RW - 5	03/16/22	0.351	0.00371	0.0292	0.0427	
RW - 5	05/11/22	0.254	0.00268	0.0241	0.0446	
RW - 5	08/18/22	0.377	0.00544	0.0305	0.05802	
RW - 5	11/11/22	Not Sampled Due to PSH in Well				
RW - 5	03/02/23	Not Sampled Due to PSH in Well				
RW - 5	05/11/23	Not Sampled Due to PSH in Well				
RW - 5	08/18/23	0.146	<0.00100	0.00477	0.00693	
RW - 5	12/14/23	Not Sampled Due to PSH in Well				
RW - 6	03/08/05	Not Sampled Due to PSH in Well				
RW - 6	06/08/05	Not Sampled Due to PSH in Well				
RW - 6	09/15/05	Not Sampled Due to PSH in Well				
RW - 6	12/12/05	Not Sampled Due to PSH in Well				
RW - 6	03/16/06	Not Sampled Due to PSH in Well				
RW - 6	06/15/06	Not Sampled Due to PSH in Well				
RW - 6	09/30/06	Not Sampled Due to PSH in Well				
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				

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

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	02/13/19	0.0506	0.00153	0.00469	0.00464	
RW - 6	05/08/19	0.0417	<0.00100	0.00216	0.00664	
RW - 6	08/08/19	0.0594	0.00226	0.00654	0.00867	
RW - 6	11/13/19	0.0399	<0.00100	0.00675	0.01614	
RW - 6	03/05/20	0.0535	0.0265	0.0548	0.1414	
RW - 6	06/18/20	0.0625	0.00822	0.0130	0.0389	
RW - 6	08/13/20	0.0724	0.00664	0.00873	0.02528	
RW - 6	12/10/20	0.0598	0.00353	0.00697	0.00551	
RW - 6	02/11/21	0.0643	0.0182	0.0569	0.0281	
RW - 6	06/11/21	0.0818	0.0159	0.0229	0.0598	
RW - 6	09/23/21	0.0814	0.0147	0.0190	0.0647	
RW - 6	12/06/21	0.0421	0.00854	0.0126	0.0136	
RW - 6	03/16/22	0.0864	0.0191	0.0241	0.0878	
RW - 6	05/11/22	0.0498	0.00703	0.0110	0.0302	
RW - 6	08/18/22	0.0857	0.0216	0.0248	0.0781	
RW - 6	11/11/22	0.0742	0.0159	0.0286	0.0715	
RW - 6	03/02/23	0.0730	0.00943	0.0191	0.0389	
RW - 6	05/11/23	0.131	0.0598	0.0814	0.2560	
RW - 6	08/18/23	0.101	0.0222	0.0854	0.0972	
RW - 6	12/14/23	0.109	0.0108	0.0200	0.0363	

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
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---
MW-1	11/12/08	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186
MW-1	11/17/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
MW-1	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																	
MW-1	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																	
MW-1	12/06/12	Not Sampled as part of Quarterly Monitoring Event.																	
MW-1	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																	
MW-1	11/19/14	Not Sampled as part of Quarterly Monitoring Event.																	
MW-1	11/18/15	Not Sampled as part of Quarterly Monitoring Event.																	
MW-1	11/08/16	Not Sampled as part of Quarterly Monitoring Event.																	
MW-1	11/13/17	Not Sampled as part of Quarterly Monitoring Event.																	
MW-1	11/12/18	Not Sampled as part of Quarterly Monitoring Event.																	
MW-1	11/05/19	Not Sampled as part of Quarterly Monitoring Event.																	
MW-1	12/09/20	Not Sampled as part of Quarterly Monitoring Event.																	
MW-1	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																	
MW-1	11/09/22	Not Sampled as part of Quarterly Monitoring Event.																	
MW-1	12/14/23	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.																	

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-17

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER AP-017

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																				
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenzo[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran		
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---			
MW-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.																				
MW-2	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																				
MW-2	11/10/22	Not Sampled as part of Quarterly Monitoring Event.																				
MW-2	12/14/23	Not Sampled as part of Quarterly Monitoring Event.																				
MW-3	11/12/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184			
MW-3	11/17/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183			
MW-3	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																				
MW-3	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																				
MW-3	12/06/12	Not Sampled as part of Quarterly Monitoring Event.																				
MW-3	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																				
MW-3	11/19/14	Not Sampled as part of Quarterly Monitoring Event.																				
MW-3	11/18/15	Not Sampled as part of Quarterly Monitoring Event.																				
MW-3	11/08/16	Not Sampled as part of Quarterly Monitoring Event.																				
MW-3	11/14/17	Not Sampled as part of Quarterly Monitoring Event.																				
MW-3	11/12/18	Not Sampled as part of Quarterly Monitoring Event.																				
MW-3	11/06/19	Not Sampled as part of Quarterly Monitoring Event.																				
MW-3	12/09/20	Not Sampled as part of Quarterly Monitoring Event.																				
MW-3	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																				
MW-3	11/10/22	Not Sampled as part of Quarterly Monitoring Event.																				
MW-3	12/14/23	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.																				

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
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.				0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L		0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			
MW-4	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	
MW-4	12/10/20	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0042	<0.0010	0.0053	<0.0010	0.059		0.0044	
MW-4	12/06/21	0.026	0.0027	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0016	<0.00010	<0.00010	0.026	<0.00010	0.026	<0.00010	0.152		0.0079	
MW-4	11/11/22	0.015	0.024	0.040	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	0.20	<0.0011	1.373			
MW-4	12/14/23	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.010	<0.0010	0.013	<0.0010	<0.0010	<0.0010	<0.0010	0.0065			
MW-5	11/12/08	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.00233	<0.000922	0.00189	<0.000922	<0.000922	0.00183	<0.000922	0.0023
MW-5	11/18/09	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.00116	<0.000185	0.000814	<0.000185	<0.000185	0.00234	<0.000185	0.00109
MW-5	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	12/14/11	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.00106	<0.000183	0.00129	<0.000183	<0.000183	0.00281	<0.000183	0.00138
MW-5	12/06/12	<0.000957	<0.000957	<0.000957	<0.000957	<0.000957	<0.000957	<0.000957	<0.000957	<0.000957	<0.000957	<0.000957	<0.000957	<0.000957	<0.000957	<0.000957	<0.000957	0.00739	<0.000957	<0.000957
MW-5	11/21/13	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-5	11/19/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/18/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/08/16	<0.000200	<0.000200	<0.000200	<0.0000721*	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-5	11/14/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/13/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/13/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	12/09/20	Not Sampled as part of Quarterly Monitoring Event.																		

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-17

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER AP-017

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																			
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran	
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---		
MW-5	12/07/21	Not Sampled as part of Quarterly Monitoring Event.																			
MW-5	11/09/22	Not Sampled as part of Quarterly Monitoring Event.																			
MW-5	12/14/23	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	<0.0000721*	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	
MW-6	11/14/17	0.000492	0.000441	0.000666	0.000636	<0.000167	<0.000167	<0.000167	<0.000167	0.000383	<0.000167	0.00039	0.00134	<0.000167	0.000617	0.000283	<0.000334		0.000941		
MW-6	11/12/18	0.00015	<0.00010	<0.00010	0.00017	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.00024	<0.00010	0.00027	<0.00010	0.0068		0.00049		
MW-6	11/13/19	0.00044	0.00099	<0.000097	0.00071	<0.000097	0.00038	<0.000097	0.00020	0.0038	<0.000097	0.00090	0.0027	<0.000097	0.0070	0.00081	0.02457		0.0042		
MW-6	12/10/20	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0054		0.0012		
MW-6	12/06/21	0.0019	<0.00010	<0.00010	0.00060	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0012	<0.00010	<0.00010	<0.00010	0.0046		0.0012		
MW-6	11/10/22	Not Sampled due to the presence of PSH.																			
MW-6	12/14/23	Not Sampled due to the presence of PSH.																			
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.																			

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-17

LEA COUNTY, NEW MEXICO

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All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																					
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran			
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---			
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-7	12/07/21	0.0015	0.00070	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.00031	<0.00010	<0.00010	0.0020	<0.00010	0.0011	<0.00010	0.0196			0.0011			
MW-7	11/10/22	<0.00011	<0.00011	0.00014	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	0.00043	<0.00011	0.00042	<0.00011	0.0102			-			
MW-7	12/14/23	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.00026	<0.00010	<0.00010	<0.00010	0.00573						
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.																					
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	<0.00098	0.00025	0.0039	<0.00098	0.00082	0.0076	<0.00098	0.028	0.0010	0.164			0.018			
MW-8	12/10/20	Not Sampled due to the presence of PSH.																					
MW-8	12/07/21	Not Sampled due to the presence of PSH.																					
MW-8	11/10/22	Not Sampled due to the presence of PSH.																					
MW-8	12/14/23	Not Sampled due to the presence of PSH.																					

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-17

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER AP-017

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---	
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-10	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	11/09/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	12/14/23	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

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All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																	
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenzo[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---
MW-11	11/17/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-11	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																	
MW-11	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																	
MW-11	12/06/12	Not Sampled as part of Quarterly Monitoring Event.																	
MW-11	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																	
MW-11	11/19/14	Not Sampled as part of Quarterly Monitoring Event.																	
MW-11	11/18/15	Not Sampled as part of Quarterly Monitoring Event.																	
MW-11	11/08/16	Not Sampled as part of Quarterly Monitoring Event.																	
MW-11	11/13/17	Not Sampled as part of Quarterly Monitoring Event.																	
MW-11	11/12/18	Not Sampled as part of Quarterly Monitoring Event.																	
MW-11	11/05/19	Not Sampled as part of Quarterly Monitoring Event.																	
MW-11	12/09/20	Not Sampled as part of Quarterly Monitoring Event.																	
MW-11	12/07/21	Not Sampled as part of Quarterly Monitoring Event.																	
MW-11	11/09/22	Not Sampled as part of Quarterly Monitoring Event.																	
MW-11	12/14/23	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.																	

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]lanthracene	Benzo[a]lpyrene	Benzo[b]fluoranthene	Benzo[g,h,i]lperylen	Benzo[k]fluoranthene	Chrysene	Dibenzo[a,h]lanthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran		
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---			
MW-12	11/05/19	Not Sampled as part of Quarterly Monitoring Event.																				
MW-12	12/09/20	Not Sampled as part of Quarterly Monitoring Event.																				
MW-12	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																				
MW-12	11/09/22	Not Sampled as part of Quarterly Monitoring Event.																				
MW-12	12/14/23	Not Sampled as part of Quarterly Monitoring Event.																				
MW-13	11/12/08	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<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	<0.000183		
MW-13	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																				
MW-13	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																				
MW-13	12/06/12	Not Sampled as part of Quarterly Monitoring Event.																				
MW-13	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																				
MW-13	11/19/14	Not Sampled as part of Quarterly Monitoring Event.																				
MW-13	11/18/15	Not Sampled as part of Quarterly Monitoring Event.																				
MW-13	11/08/16	Not Sampled as part of Quarterly Monitoring Event.																				
MW-13	11/13/17	Not Sampled as part of Quarterly Monitoring Event.																				
MW-13	11/12/18	Not Sampled as part of Quarterly Monitoring Event.																				
MW-13	11/05/19	Not Sampled as part of Quarterly Monitoring Event.																				
MW-13	12/09/20	Not Sampled as part of Quarterly Monitoring Event.																				
MW-13	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																				
MW-13	11/09/22	Not Sampled as part of Quarterly Monitoring Event.																				
MW-13	12/14/23	Not Sampled as part of Quarterly Monitoring Event.																				
MW-14	11/12/08	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	0.0233	<0.0184	0.0402	<0.0184	0.0377	0.147	0.137	0.0289		
MW-14	11/18/09	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	0.0786	<0.00461	0.102	<0.00461	0.124	0.628	0.346	0.0603		
MW-14	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																				
MW-14	12/14/11	Not Sampled due to the presence of PSH.																				

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-17

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER AP-017

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																			
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran	
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---		
MW-14	12/06/12	Not Sampled due to the presence of PSH.																			
MW-14	11/21/13	Not Sampled due to the presence of PSH.																			
MW-14	11/19/14	Not Sampled due to the presence of PSH.																			
MW-14	11/18/15	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.0736	<0.000200	<0.000200	<0.000200	
MW-14	11/09/16	<0.000200	<0.000200	<0.000200	<0.0000721*	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	
MW-14	11/14/17	0.00505	0.00495	0.00524	0.00377	<0.000167	<0.000167	<0.000167	<0.000167	0.00272	<0.000167	0.00160	0.0176	<0.000167	0.0312	0.00190	0.0456		0.0173		
MW-14	11/13/18	0.00023	0.00049	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0014	<0.00010	0.0010	<0.00010	0.085		0.0018		
MW-14	11/13/19	0.0011	0.0013	<0.000097	<0.000097	<0.000097	0.00067	<0.000097	0.00033	0.0034	<0.000097	0.00086	0.0072	<0.000097	0.029	0.0022	0.1572		0.021		
MW-14	12/10/20	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0025	<0.0010	<0.0010	0.0035	<0.0010	0.076		0.0033		
MW-14	12/06/21	0.041	0.0084	<0.00010	0.0077	<0.00010	<0.00010	<0.00010	<0.00010	0.0045	<0.00010	<0.00010	0.051	<0.00010	0.055	<0.00010	0.548		0.040		
MW-14	11/11/22	0.012	0.013	0.013	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.12	<0.010	0.88		-		
MW-14	12/14/23	0.0011	0.0023	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.056	0.0081	0.011	0.0014	0.0401		-		
MW-15	11/12/08	Not Sampled due to Insufficient water volume																			
MW-15	11/18/09	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	0.0274	<0.00185	0.0369	<0.00185	0.0219	0.157	0.0508	0.0236	
MW-15	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																			
MW-15	12/31/11	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00136	<0.000184	<0.000184	0.0035	<0.000184	0.00176	
MW-15	12/06/12	Not Sampled due to the presence of PSH.																			
MW-15	11/21/13	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.0216	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	
MW-15	11/19/14	Not Sampled due to the presence of PSH.																			
MW-15	11/18/15	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	
MW-15	11/09/16	<0.000200	<0.000200	<0.000200	<0.0000721*	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	
MW-15	11/14/17	0.000728	0.000656	0.000674	0.000518	<0.000167	<0.000167	<0.000167	<0.000167	0.000367	<0.000167	0.000317	0.00292	<0.000167	0.00309	0.000612	0.000595		0.00211		
MW-15	11/13/18	0.00052	0.00056	0.00026	0.00059	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0021	<0.00010	0.0026	0.00014	0.01438		0.0022		
MW-15	11/13/19	<0.000097	0.0021	0.0016	<0.000097	0.00055	0.00052	0.00053	0.00011	0.0035	<0.000097	<0.000097	0.0056	0.00053	0.0075	<0.000097	0.0254		0.0075		
MW-15	12/10/20	<0.0010	0.0022	0.0010	<0.0010	<0.0010	<0.0010	0.0012	<0.0010	0.0030	<0.0010	<0.0010	0.0078	<0.0010	0.0027	<0.0010	0.0162		0.0082		
MW-15	12/06/21	0.0069	<0.00010	<0.00010	0.0013	<0.00010	<0.00010	0.00078	<0.00010	<0.00010	0.00049	<0.00010	0.0022	0.00082	<0.00010	<0.00010	0.0065		0.0026		

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-17

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER AP-017

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---	
MW-15	11/11/22	<0.0010	0.0023	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0059	<0.0010	0.015		-	
MW-15	12/14/23	Not Sampled due to the presence of PSH.																		-
MW-16	11/12/08	<0.000193	<0.000193	<0.000193	<0.000193	<0.000193	<0.000193	<0.000193	<0.000193	<0.000193	<0.000193	<0.000193	<0.000193	<0.000193	<0.000193	<0.000193	<0.000193	<0.000193	<0.000193	
MW-16	11/17/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
MW-16	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	12/06/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	11/19/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	11/18/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	11/08/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	11/13/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	11/12/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	11/05/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	12/09/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	11/09/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	12/14/23	Not Sampled as part of Quarterly Monitoring Event.																		
MW-17	11/12/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	
MW-17	11/17/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
MW-17	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-17	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-17	12/06/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-17	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-17	11/19/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-17	11/18/15	Not Sampled as part of Quarterly Monitoring Event.																		

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-17

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER AP-017

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---	
MW-17	11/08/16	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-17	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-17	11/09/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-17	12/14/23	Not Sampled as part of Quarterly Monitoring Event.																		
MW-18	11/12/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
MW-18	11/17/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
MW-18	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-18	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-18	12/06/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-18	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-18	11/19/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-18	11/18/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-18	11/08/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-18	11/14/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-18	11/13/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-18	11/06/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-18	12/09/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-18	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-18	11/10/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-18	12/14/23	Not Sampled as part of Quarterly Monitoring Event.																		
MW-19	11/12/08	Not Sampled due to Insufficient water volume																		
MW-19	11/18/09	<0.000922	<0.000922	0.000931	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.00387	<0.000922	0.00471	<0.000922	0.00526	0.0275	0.00258	0.0051

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-17

LEA COUNTY, NEW MEXICO

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All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---	
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	<0.0000721*	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-19	11/14/17	0.00131	0.000883	0.00101	0.000459	<0.000168	<0.000168	<0.000168	<0.000168	0.000425	<0.000168	<0.000168	0.00334	<0.000168	0.00542	0.000406		0.00622		0.00303
MW-19	11/13/18	0.00060	0.0012	<0.00010	0.00097	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0032	<0.00010	0.0060	<0.00010		0.0503		0.0032
MW-19	11/13/19	0.00140	0.0021	<0.000097	0.00021	<0.000097	0.00044	<0.000097	0.00015	0.0036	<0.000097	0.0012	0.011	<0.000097	0.0160	0.0026		0.0819		0.014
MW-19	12/10/20	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0043	<0.0010	0.0047	<0.0010		0.0395		0.0037
MW-19	12/07/21	0.0023	0.00071	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0025	<0.00010	0.00076	<0.00010		0.0191		0.0022
MW-19	11/10/22	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	0.0040	<0.0011	0.0035	<0.0011		0.0282		-
MW-19	12/14/23	0.00029	0.00034	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	0.00092	<0.00011	0.00046	<0.00011		0.0114		-
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	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran		
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---		
MW-20	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																				
MW-20	11/10/22	Not Sampled as part of Quarterly Monitoring Event.																				
MW-20	12/14/23	Not Sampled as part of Quarterly Monitoring Event.																				
MW-21	11/12/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000414	<0.000184	0.000203	<0.000184	<0.000184	<0.000184	<0.000184	0.00108		
MW-21	11/18/09	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.000249	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.000578		
MW-21	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																				
MW-21	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																				
MW-21	12/06/12	Not Sampled as part of Quarterly Monitoring Event.																				
MW-21	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																				
MW-21	11/19/14	Not Sampled as part of Quarterly Monitoring Event.																				
MW-21	11/18/15	Not Sampled as part of Quarterly Monitoring Event.																				
MW-21	11/08/16	Not Sampled as part of Quarterly Monitoring Event.																				
MW-21	11/14/17	Not Sampled as part of Quarterly Monitoring Event.																				
MW-21	11/12/18	Not Sampled as part of Quarterly Monitoring Event.																				
MW-21	11/06/19	Not Sampled as part of Quarterly Monitoring Event.																				
MW-21	12/08/20	Not Sampled as part of Quarterly Monitoring Event.																				
MW-21	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																				
MW-21	11/09/22	Not Sampled as part of Quarterly Monitoring Event.																				
MW-21	12/14/23	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.																				

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-17

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER AP-017

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---	
MW-22	11/18/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-22	11/08/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-22	11/14/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-22	11/12/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-22	11/06/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-22	12/08/20	Approved NMOCD Plugging and Abandonment																		
MW-23	11/12/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	
MW-23	11/17/09	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	
MW-23	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	12/06/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	11/19/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	11/18/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	11/08/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	11/14/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	11/12/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	11/06/19	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	12/09/20	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	11/10/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	12/14/23	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.																		

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-17

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER AP-017

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---	
MW-24	12/06/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	11/19/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	11/18/15	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	11/08/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	11/14/17	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	11/12/18	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	12/08/20	Approved NMOCD Plugging and Abandonment																		
MW-25	11/12/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	
MW-25	11/17/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
MW-25	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	12/06/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																		
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-25	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	11/09/22	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	12/14/23	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	0.000312	<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	

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-17

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER AP-017

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																				
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran		
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---		
MW-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.																				
MW-26	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																				
MW-26	11/09/22	Not Sampled as part of Quarterly Monitoring Event.																				
MW-26	12/14/23	Not Sampled as part of Quarterly Monitoring Event.																				
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	<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	<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.																				

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-17

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER AP-017

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																			
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran	
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---		
MW-27	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																			
MW-27	11/10/22	Not Sampled as part of Quarterly Monitoring Event.																			
MW-27	12/14/23	Not Sampled as part of Quarterly Monitoring Event.																			
MW-28	11/12/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184		
MW-28	11/18/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183		
MW-28	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																			
MW-28	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																			
MW-28	12/06/12	Not Sampled as part of Quarterly Monitoring Event.																			
MW-28	11/21/13	Not Sampled as part of Quarterly Monitoring Event.																			
MW-28	11/19/14	Not Sampled as part of Quarterly Monitoring Event.																			
MW-28	11/18/15	Not Sampled as part of Quarterly Monitoring Event.																			
MW-28	11/08/16	Not Sampled as part of Quarterly Monitoring Event.																			
MW-28	11/14/17	Not Sampled as part of Quarterly Monitoring Event.																			
MW-28	11/12/18	Not Sampled as part of Quarterly Monitoring Event.																			
MW-28	11/06/19	Not Sampled as part of Quarterly Monitoring Event.																			
MW-28	12/09/20	Not Sampled as part of Quarterly Monitoring Event.																			
MW-28	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																			
MW-28	11/10/22	Not Sampled as part of Quarterly Monitoring Event.																			
MW-28	12/14/23	Not Sampled as part of Quarterly Monitoring Event.																			
RW-1	11/12/08	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	0.023	<0.0184	<0.0184	0.0941	<0.0184	<0.0184	
RW-1	11/18/09	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.00771	<0.000922	0.00884	<0.000922	<0.000922	0.0262	<0.000922	0.00722	
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	

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-17

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER AP-017

All water concentrations are reported in mg/L

SAMPLE LOCATION		SAMPLE DATE	EPA SW846-8270C, 3510																			
			Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran	
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.				0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L		0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L					
RW-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-1	12/06/21	Not Sampled as part of Quarterly Monitoring Event.																				
RW-1	11/10/22	Not Sampled as part of Quarterly Monitoring Event.																				
RW-1	12/14/23	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.																				
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			

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[ghi,perylene]	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---
RW-3	11/13/18	<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-3	12/07/21	0.00085	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0018			0.00095
RW-3	11/10/22	0.0011	0.00021	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	0.00174			-
RW-3	12/14/23	<0.0011	<0.0011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	0.00174			-
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-4	12/06/21	<0.0010	0.0021	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0011	<0.00010	<0.00010	0.0081	<0.00010	0.0051	<0.00010	0.0845			0.0040
RW-4	11/11/22	<0.0011	0.0055	0.017	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	0.022	<0.0011	0.0094	<0.0011	<0.0011	0.039	<0.0011	0.1123			-
RW-4	12/14/23	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0013	0.012	<0.0010	<0.0010	0.030	0.0011	0.060			-
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.																		

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

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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
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---
RW-5	11/21/13	Not Sampled due to the presence of PSH.																		
RW-5	11/19/14	Not Sampled due to the presence of PSH.																		
RW-5	11/18/15	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<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	<0.000200
RW-5	11/14/17	0.000236	0.000239	0.000259	0.000206	<0.000166	<0.000166	<0.000166	<0.000166	<0.000166	<0.000166	<0.000166	0.00123	<0.000166	0.00114	<0.000166	0.000918		0.00126	
RW-5	11/13/18	0.00011	0.00038	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.001	<0.00010	0.00095	<0.00010	0.0355		0.0011	
RW-5	11/13/19	0.00097	0.0013	<0.000097	<0.000097	<0.000097	0.00044	<0.000097	0.00021	0.0030	<0.000097	0.00099	0.0074	<0.000097	0.023	0.0021	0.0735		0.0076	
RW-5	12/10/20	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0014	<0.0010	0.0011	<0.0010	0.0185		0.0020	
RW-5	12/06/21	0.0040	0.0011	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.00045	<0.00010	<0.00010	0.0025	<0.00010	0.0019	<0.00010	0.0229		0.0036	
RW-5	11/11/22	Not Sampled due to the presence of PSH.																		
RW-5	12/14/23	Not Sampled due to the presence of PSH.																		
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	<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	<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	<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	<0.000200
RW-6	11/14/17	0.000787	0.000754	0.00078	0.000581	<0.000169	<0.000169	<0.000169	<0.000169	0.000277	<0.000169	0.000267	0.00242	<0.000169	0.00197	0.000369	<0.000338		0.00211	
RW-6	11/13/18	0.00011	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.00043	<0.00010	0.00022	<0.00010	0.00322		0.00045	
RW-6	11/13/19	0.00078	0.0015	0.0021	0.00049	<0.000096	0.00030	<0.000096	0.00018	0.0031	<0.000096	0.00088	0.0084	<0.000096	0.016	0.00036	0.0255		0.0066	
RW-6	12/10/20	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0022	<0.0010	0.0015	<0.0010	0.0124		0.0027	
RW-6	12/06/21	0.0064	0.0020	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0012	<0.00010	<0.00010	0.0056	<0.00010	0.0026	0.00077	0.017		0.0044	
RW-6	11.11.22	<0.0010	0.0014	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.011	<0.0010	0.472		-	
RW-6	12/14/23	0.0012	0.0015	0.0028	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0066	<0.0010	0.0077	0.0022	0.083	0.0505		-	

TABLE 7

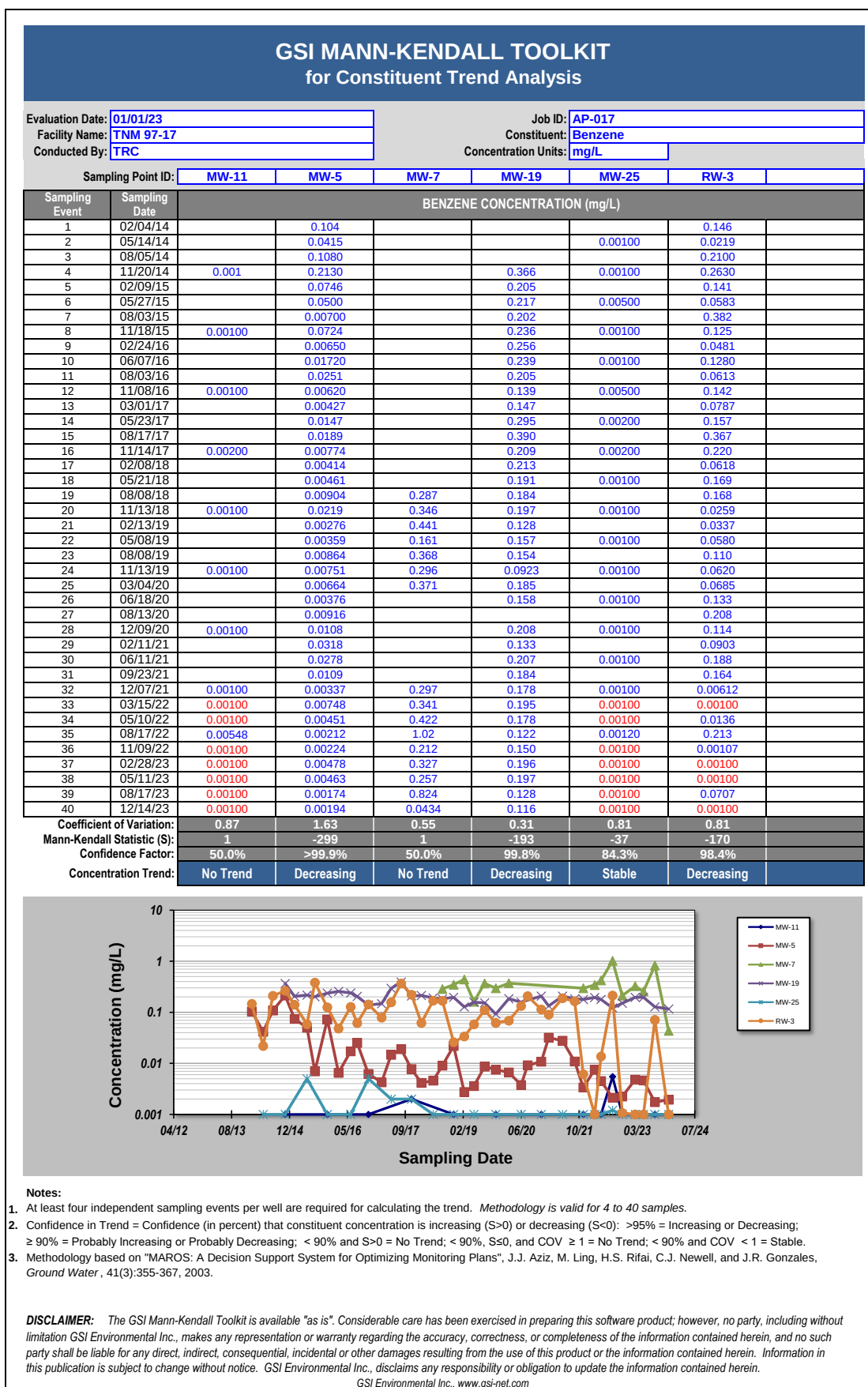


TABLE 8

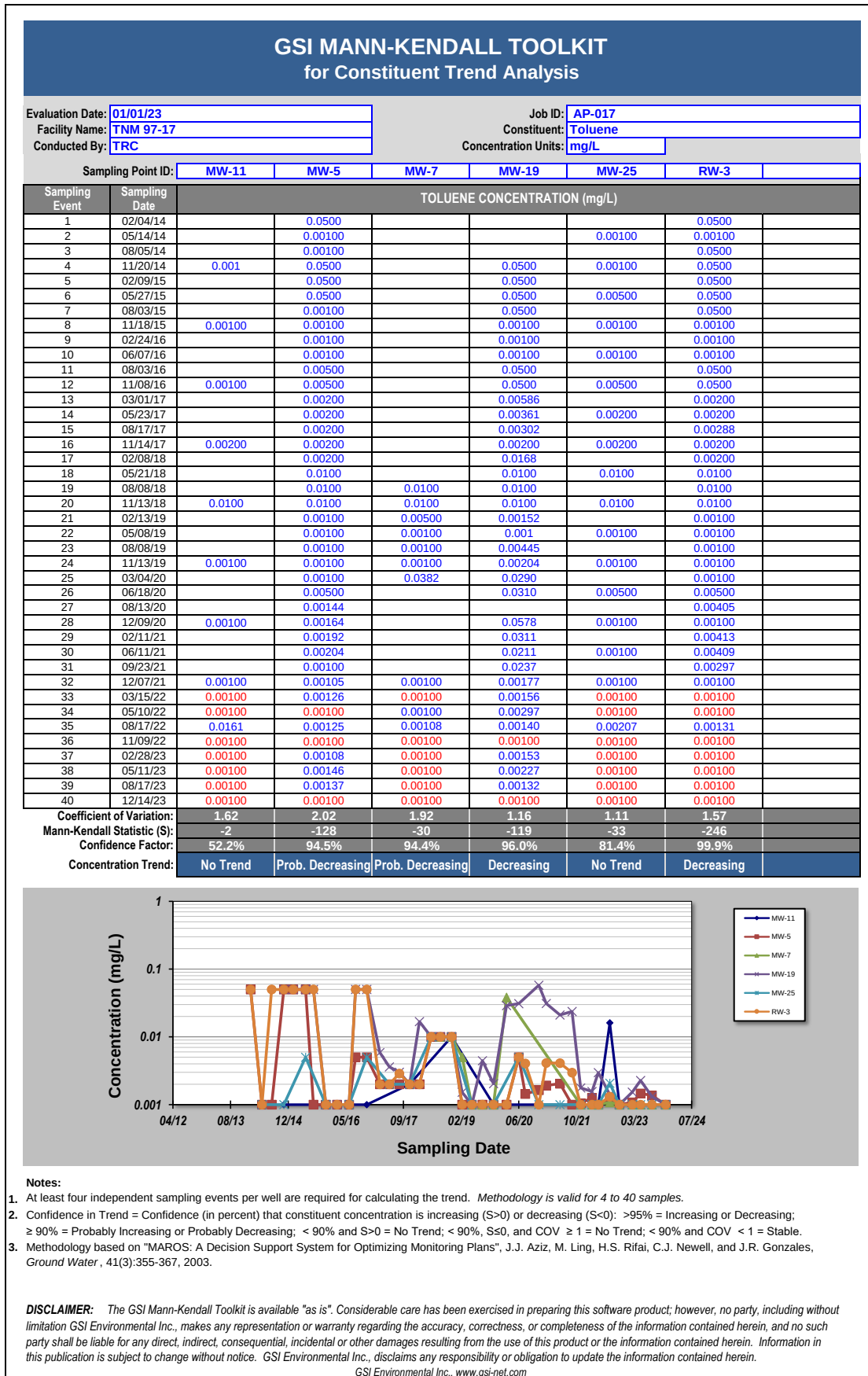


TABLE 9

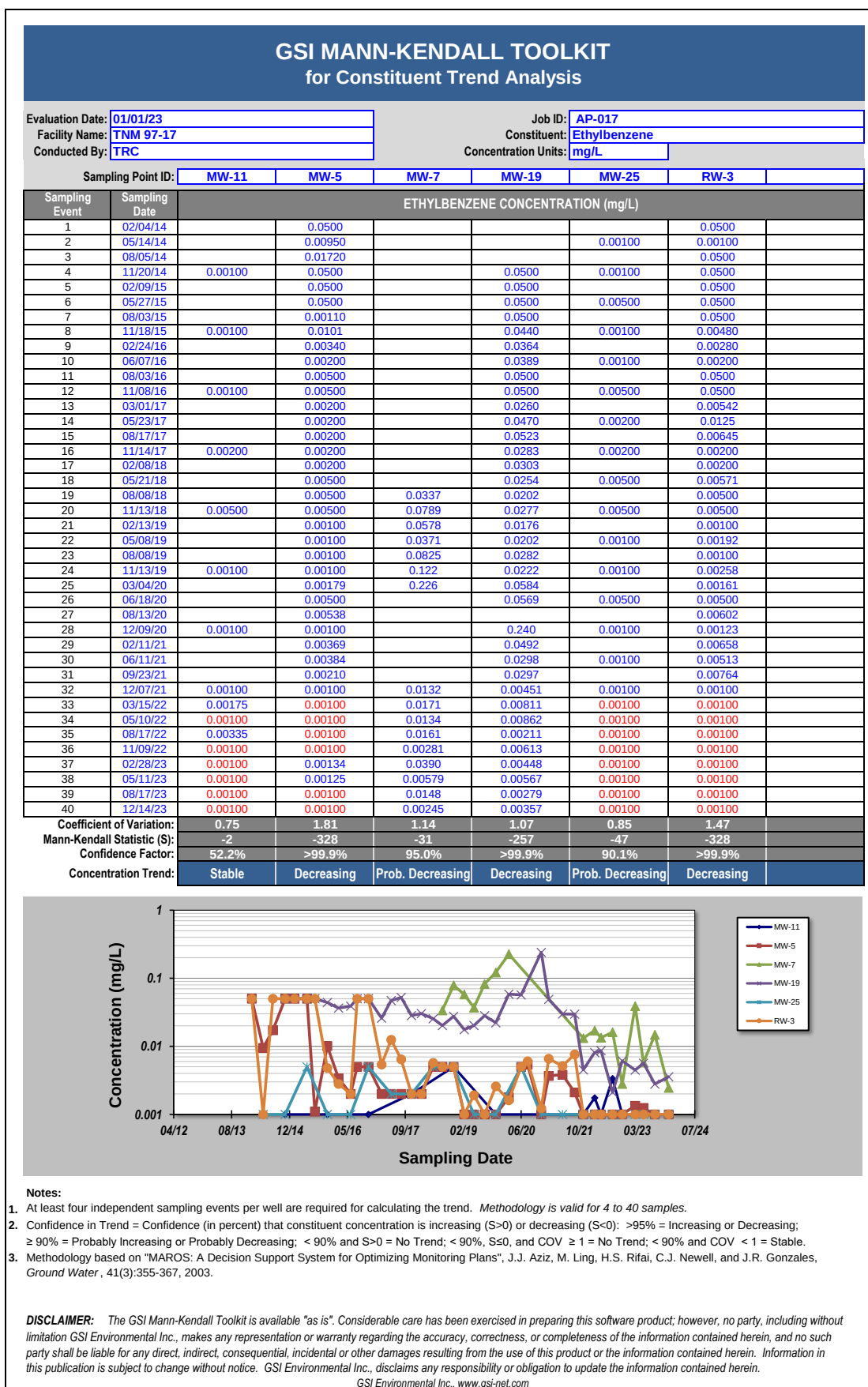


TABLE 10

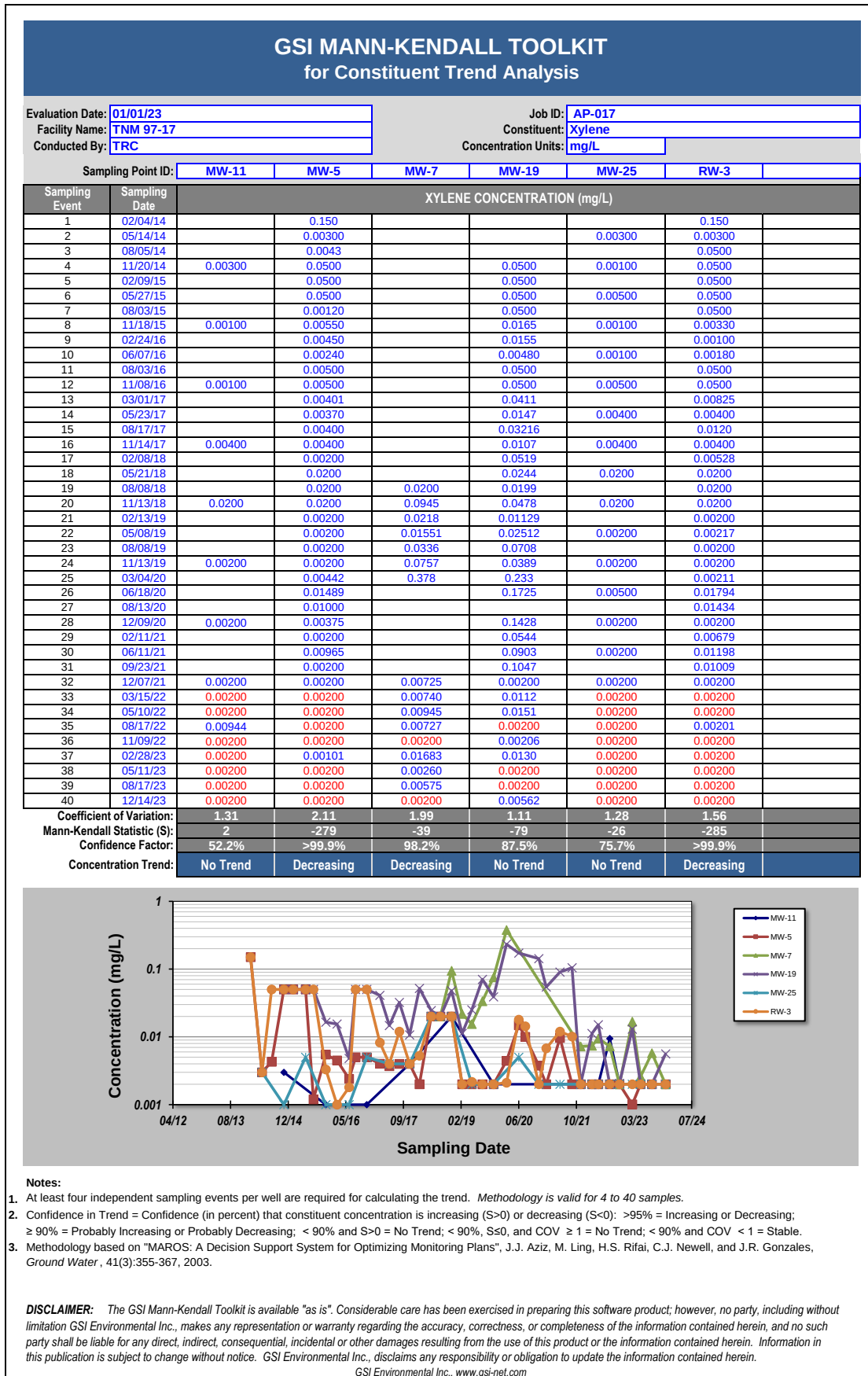
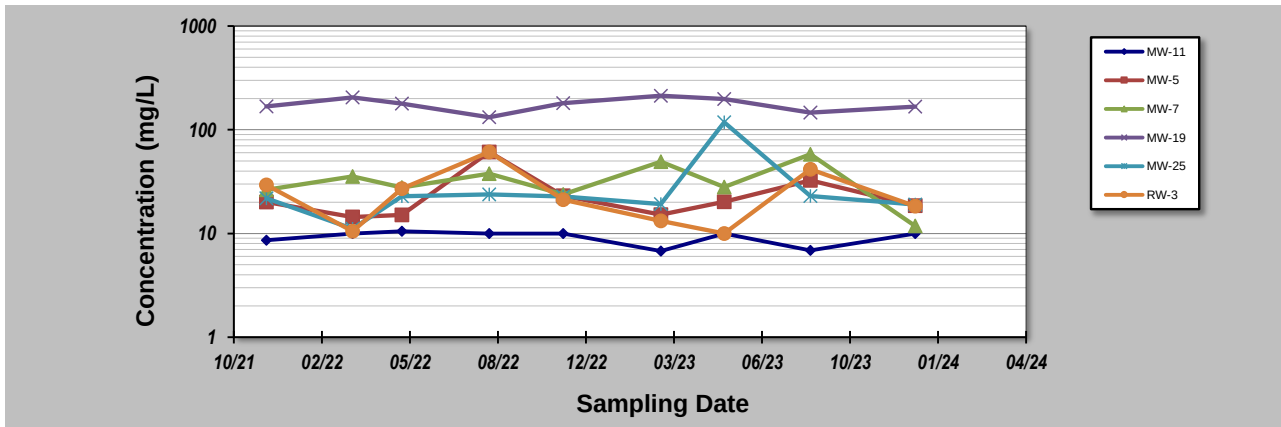


TABLE 11

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date:	01/01/23	Job ID:	AP-017					
Facility Name:	TNM 97-17	Constituent:	Total Organic Carbon (TOC)					
Conducted By:	TRC	Concentration Units:	mg/L					
Sampling Point ID:	MW-11	MW-5	MW-7	MW-19	MW-25	RW-3		
Sampling Event	Sampling Date	TOTAL ORGANIC CARBON (TOC) CONCENTRATION (mg/L)						
1	12/07/21	8.60	20.1	26.4	168	21.8	29.3	
2	03/15/22	10.0	14.4	35.5	205	11.1	10.5	
3	05/10/22	10.5	15.1	27.8	179	22.8	27.1	
4	08/17/22	10.0	61.1	37.8	132	23.8	61.1	
5	11/09/22	10.0	23.1	23.8	180	22.7	21.2	
6	02/28/23	6.77	15.2	49.1	213	19.2	13.2	
7	05/11/23	10.0	20.2	28.1	198	118	10.0	
8	08/17/23	6.87	32.5	58.1	146	23.0	41.5	
9	12/14/23	10.0	18.5	11.8	167	19.0	18.3	
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Coefficient of Variation:	0.16	0.61	0.42	0.15	1.05	0.65		
Mann-Kendall Statistic (S):	-4	8	4	-2	4	-6		
Confidence Factor:	61.9%	76.2%	61.9%	54.0%	61.9%	69.4%		
Concentration Trend:	Stable	No Trend	No Trend	Stable	No Trend	Stable		



Notes:

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

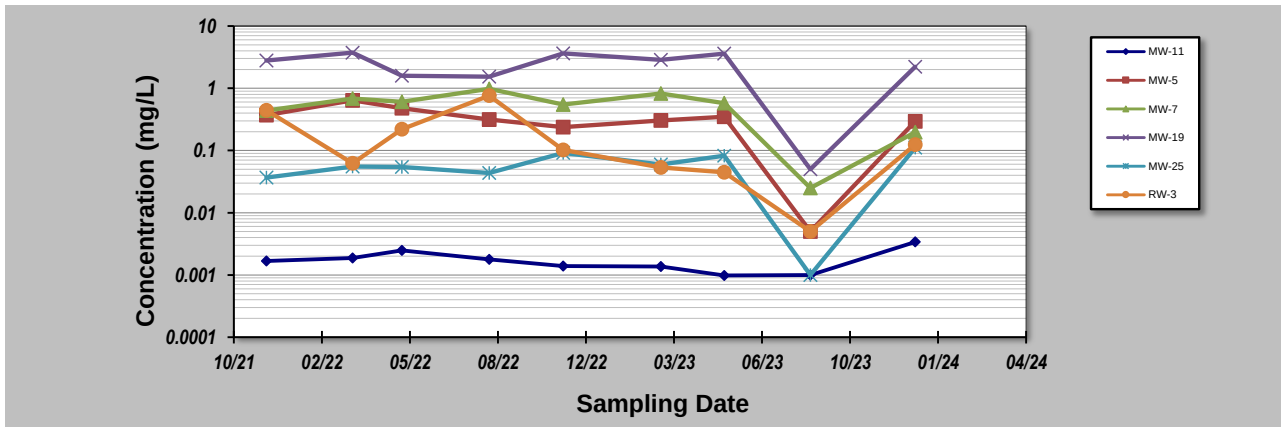
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TABLE 12

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date:	01/01/23	Job ID:	AP-017					
Facility Name:	TNM 97-17	Constituent:	Dissolved Methane (RSK-175)					
Conducted By:	TRC	Concentration Units:	mg/L					
Sampling Point ID:	MW-11	MW-5	MW-7	MW-19	MW-25	RW-3		
Sampling Event	Sampling Date	DISSOLVED METHANE (RSK-175) CONCENTRATION (mg/L)						
1	12/07/21	0.00167	0.369	0.438	2.80	0.0368	0.442	
2	03/15/22	0.00188	0.640	0.686	3.74	0.0552	0.0621	
3	05/10/22	0.00248	0.476	0.605	1.59	0.0542	0.219	
4	08/17/22	0.00178	0.314	0.980	1.54	0.0436	0.761	
5	11/09/22	0.00139	0.237	0.549	3.62	0.0912	0.102	
6	02/28/23	0.00137	0.303	0.822	2.85	0.0595	0.0535	
7	05/11/23	0.000982	0.349	0.576	3.60	0.0822	0.0448	
8	08/17/23	0.001	0.01	0.0250	0.050	0.001	0.0050	
9	12/14/23	0.00339	0.293	0.197	2.22	0.111	0.124	
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Coefficient of Variation:		0.43	0.52	0.54	0.50	0.55	1.23	
Mann-Kendall Statistic (S):		-10	-20	-10	-8	12	-16	
Confidence Factor:		82.1%	97.8%	82.1%	76.2%	87.0%	94.0%	
Concentration Trend:		Stable	Decreasing	Stable	Stable	No Trend	Prob. Decreasing	

**Notes:**

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

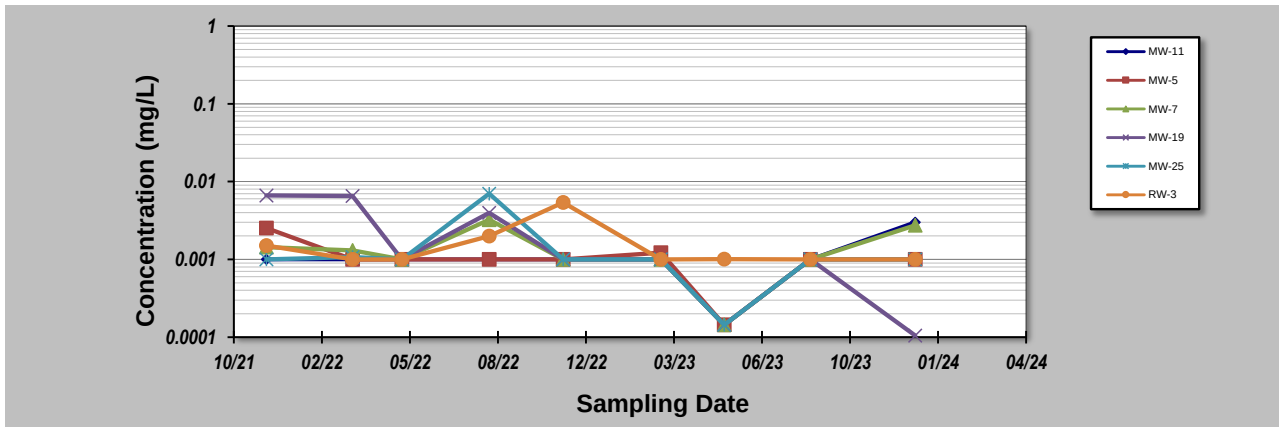
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TABLE 13

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date:	01/01/00	Job ID:	AP-017					
Facility Name:	TNM 97-17	Constituent:	Dissolved Ethane (RSK-175)					
Conducted By:	TRC	Concentration Units:	mg/L					
Sampling Point ID:	MW-11	MW-5	MW-7	MW-19	MW-25	RW-3		
Sampling Event	Sampling Date	DISSOLVED ETHANE (RSK-175) CONCENTRATION (mg/L)						
1	12/07/21	0.00100	0.00253	0.00144	0.00664	0.00100	0.00151	
2	03/15/22	0.00100	0.00100	0.00131	0.00655	0.00107	0.00100	
3	05/10/22	0.00100	0.00100	0.00100	0.00100	0.00100	0.00100	
4	08/17/22	0.00100	0.00100	0.00324	0.00398	0.00700	0.00199	
5	11/09/22	0.00100	0.00100	0.00100	0.00100	0.00100	0.00539	
6	02/28/23	0.00100	0.00122	0.00100	0.00100	0.00100	0.00100	
7	05/11/23	0.000144	0.000144	0.000144	0.000144	0.000144	0.00101	
8	08/17/23	0.00100	0.00100	0.00100	0.00100	0.00100	0.00100	
9	12/14/23	0.00301	0.00100	0.00275	0.000105	0.00100	0.00100	
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Coefficient of Variation:		0.67	0.56	0.67	1.11	1.30	0.87	
Mann-Kendall Statistic (S):		3	-9	-8	-26	-9	-6	
Confidence Factor:		58.0%	79.2%	76.2%	99.7%	79.2%	69.4%	
Concentration Trend:		No Trend	Stable	Stable	Decreasing	No Trend	Stable	



Notes:

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

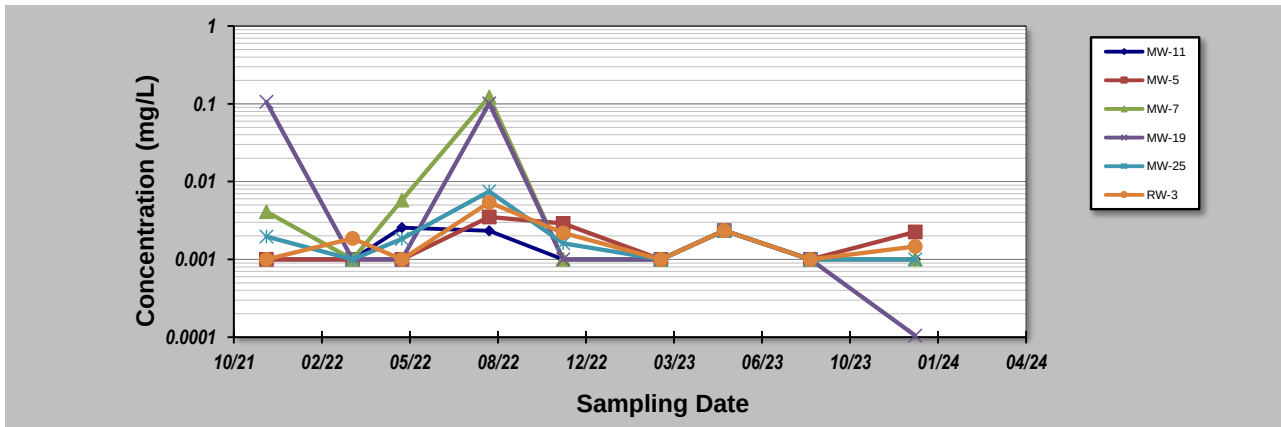
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TABLE 14

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date:	01/01/23	Job ID:	AP-017					
Facility Name:	TNM 97-17	Constituent:	Dissolved Ethene (RSK-175)					
Conducted By:	TRC	Concentration Units:	mg/L					
Sampling Point ID:	MW-11	MW-5	MW-7	MW-19	MW-25	RW-3		
Sampling Event	Sampling Date	DISSOLVED ETHENE (RSK-175) CONCENTRATION (mg/L)						
1	12/07/21	0.00100	0.00100	0.00411	0.106	0.00197	0.00100	
2	03/15/22	0.00100	0.00100	0.00100	0.00100	0.00100	0.00186	
3	05/10/22	0.00256	0.00100	0.00579	0.00100	0.00184	0.00100	
4	08/17/22	0.00233	0.00351	0.123	0.101	0.00749	0.00541	
5	11/09/22	0.00100	0.00290	0.00100	0.00100	0.00161	0.00219	
6	02/28/23	0.00100	0.00100	0.00100	0.00100	0.00100	0.00100	
7	05/11/23	0.00234	0.00234	0.00234	0.00234	0.00234	0.00234	
8	08/17/23	0.00100	0.00100	0.00100	0.00100	0.00100	0.00100	
9	12/14/23	0.00100	0.00225	0.00101	0.000105	0.00100	0.00147	
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Coefficient of Variation:		0.48	0.56	2.59	1.90	0.97	0.74	
Mann-Kendall Statistic (S):		-3	4	-6	-14	-10	2	
Confidence Factor:		58.0%	61.9%	69.4%	91.0%	82.1%	54.0%	
Concentration Trend:		Stable	No Trend	No Trend	Prob. Decreasing	Stable	No Trend	

**Notes:**

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

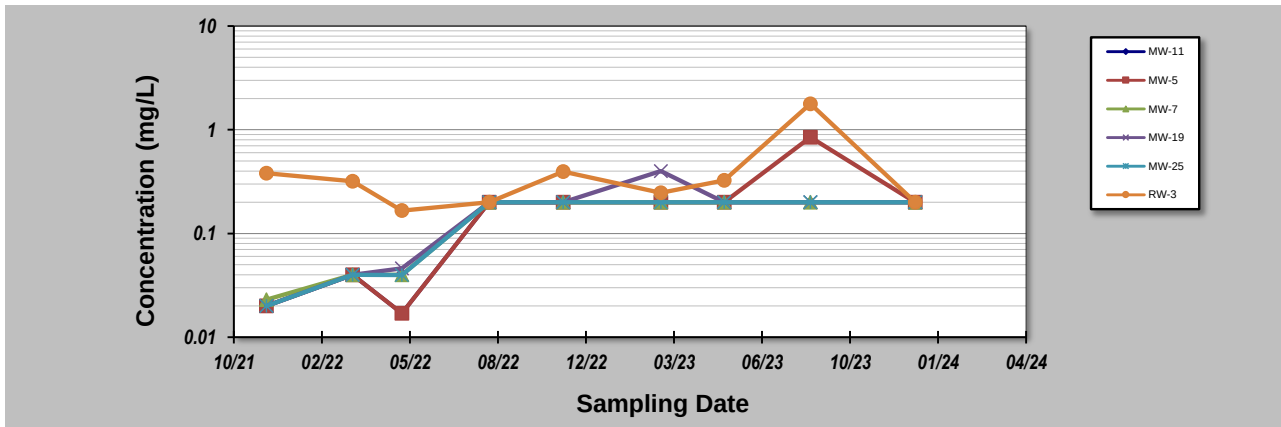
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TABLE 15

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date:	01/01/23	Job ID:	AP-017					
Facility Name:	TNM 97-17	Constituent:	Total Iron (filtered)					
Conducted By:	TRC	Concentration Units:	mg/L					
Sampling Point ID:	MW-11	MW-5	MW-7	MW-19	MW-25	RW-3		
Sampling Event	Sampling Date	TOTAL IRON (FILTERED) CONCENTRATION (mg/L)						
1	12/07/21	0.0200	0.0200	0.0230	0.0200	0.0200	0.381	
2	03/15/22	0.0400	0.0400	0.0400	0.0400	0.0400	0.318	
3	05/10/22	0.0170	0.0170	0.0399	0.0460	0.0398	0.166	
4	08/17/22	0.200	0.200	0.200	0.200	0.200	0.200	
5	11/09/22	0.200	0.200	0.200	0.200	0.200	0.3946	
6	02/28/23	0.200	0.200	0.200	0.400	0.200	0.247	
7	05/11/23	0.200	0.200	0.200	0.200	0.200	0.326	
8	08/17/23	0.200	0.847	0.200	0.200	0.200	1.78	
9	12/14/23	0.200	0.200	0.200	0.200	0.200	0.200	
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Coefficient of Variation:	0.62	1.18	0.57	0.71	0.58	1.14		
Mann-Kendall Statistic (S):	17	20	19	20	19	3		
Confidence Factor:	95.1%	97.8%	97.0%	97.8%	97.0%	58.0%		
Concentration Trend:	Increasing	Increasing	Increasing	Increasing	Increasing	No Trend		

**Notes:**

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

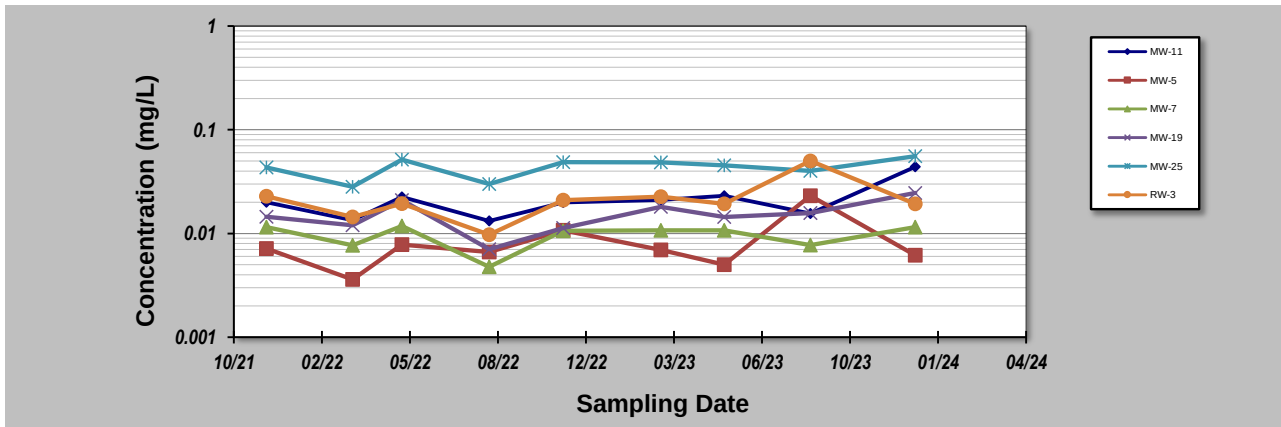
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TABLE 16

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date:	01/01/23	Job ID:	AP-017					
Facility Name:	TNM 97-17	Constituent:	Total Manganese (filtered)					
Conducted By:	TRC	Concentration Units:	mg/L					
Sampling Point ID:	MW-11	MW-5	MW-7	MW-19	MW-25	RW-3		
Sampling Event	Sampling Date	TOTAL MANGANESE (FILTERED) CONCENTRATION (mg/L)						
1	12/07/21	0.0200	0.00716	0.0115	0.0145	0.0433	0.0228	
2	03/15/22	0.0134	0.00360	0.00768	0.0120	0.0282	0.0144	
3	05/10/22	0.0225	0.00780	0.0118	0.0210	0.0515	0.0194	
4	08/17/22	0.0132	0.00662	0.00477	0.00705	0.0299	0.00974	
5	11/09/22	0.0199	0.0107	0.0106	0.0113	0.0487	0.0209	
6	02/28/23	0.0211	0.00693	0.0107	0.0181	0.0484	0.0226	
7	05/11/23	0.0231	0.00500	0.0107	0.0144	0.0454	0.0193	
8	08/17/23	0.0156	0.0231	0.00774	0.0157	0.0402	0.0501	
9	12/14/23	0.0439	0.00616	0.0115	0.0246	0.0556	0.0193	
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Coefficient of Variation:	0.43	0.68	0.25	0.34	0.21	0.51		
Mann-Kendall Statistic (S):	12	2	2	10	8	3		
Confidence Factor:	87.0%	54.0%	54.0%	82.1%	76.2%	58.0%		
Concentration Trend:	No Trend	No Trend	No Trend	No Trend	No Trend	No Trend		



Notes:

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

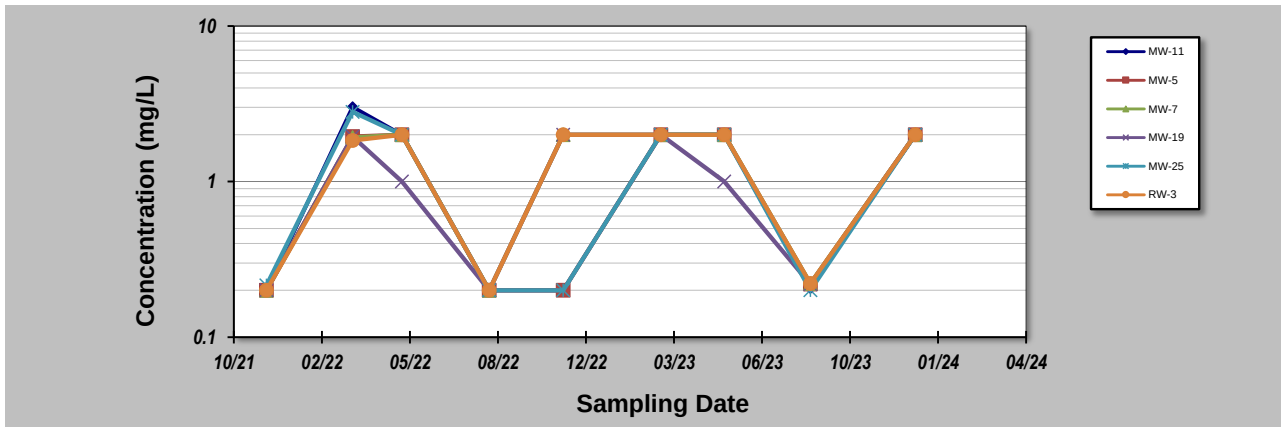
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TABLE 17

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date:	01/01/23	Job ID:	AP-017					
Facility Name:	TNM 97-17	Constituent:	Nitrate					
Conducted By:	TRC	Concentration Units:	mg/L					
Sampling Point ID:	MW-11	MW-5	MW-7	MW-19	MW-25	RW-3		
Sampling Event	Sampling Date	NITRATE CONCENTRATION (mg/L)						
1	12/07/21	0.200	0.200	0.200	0.200	0.215	0.200	
2	03/15/22	3.02	1.95	1.92	1.95	2.81	1.84	
3	05/10/22	2.00	2.00	2.00	1.00	2.00	2.00	
4	08/17/22	0.200	0.200	0.200	0.200	0.200	0.200	
5	11/09/22	0.200	0.200	2.00	2.00	0.200	2.00	
6	02/28/23	2.00	2.00	2.00	2.00	2.00	2.00	
7	05/11/23	2.00	2.00	2.00	1.00	2.00	2.00	
8	08/17/23	0.206	0.220	0.221	0.219	0.200	0.221	
9	12/14/23	2.00	2.00	2.00	2.00	2.00	2.00	
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15								
16								
17								
18								
19								
20								
Coefficient of Variation:		0.84	0.79	0.64	0.71	0.82	0.64	
Mann-Kendall Statistic (S):		3	11	11	9	-3	11	
Confidence Factor:		58.0%	84.6%	84.6%	79.2%	58.0%	84.6%	
Concentration Trend:		No Trend	No Trend	No Trend	No Trend	Stable	No Trend	

**Notes:**

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

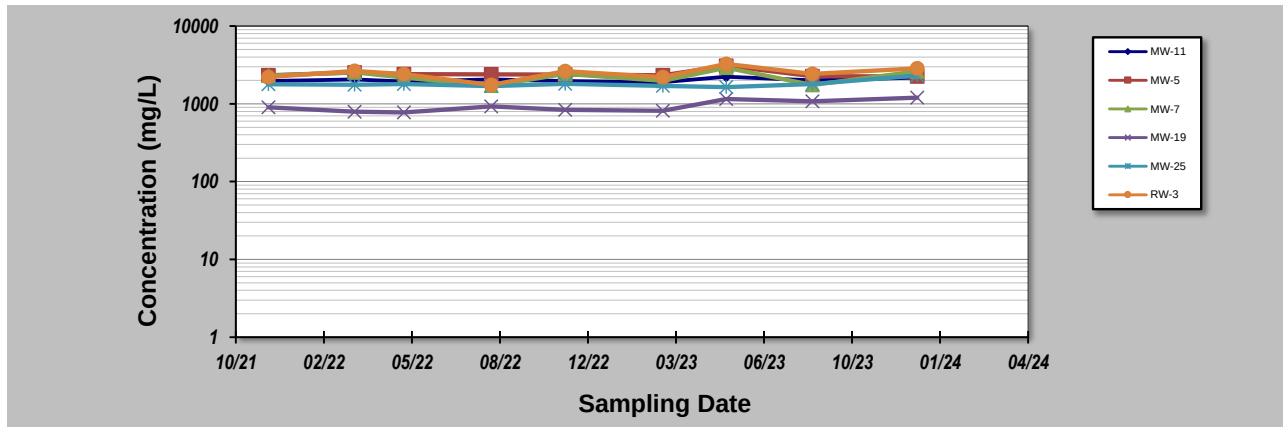
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TABLE 18

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date:	01/01/23	Job ID:	AP-017					
Facility Name:	TNM 97-17	Constituent:	Sulfate					
Conducted By:	TRC	Concentration Units:	mg/L					
Sampling Point ID:	MW-11	MW-5	MW-7	MW-19	MW-25	RW-3		
Sampling Event	Sampling Date	SULFATE CONCENTRATION (mg/L)						
1	12/07/21	1960	2320	2300	899	1790	2210	
2	03/15/22	2060	2520	2540	791	1760	2650	
3	05/10/22	1930	2410	2180	775	1800	2410	
4	08/17/22	2060	2400	1710	929	1690	1750	
5	11/09/22	1960	2370	2420	837	1810	2640	
6	02/28/23	1900	2320	1970	815	1700	2210	
7	05/11/23	2230	3080	2910	1150	1640	3260	
8	08/17/23	2010	2270	1750	1080	1800	2420	
9	12/14/23	2170	2250	2620	1200	2310	2860	
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:	0.05	0.10	0.18	0.17	0.11	0.17		
Mann-Kendall Statistic (S):	8	-15	2	18	5	11		
Confidence Factor:	76.2%	92.5%	54.0%	96.2%	65.7%	84.6%		
Concentration Trend:	No Trend	Prob. Decreasing	No Trend	Increasing	No Trend	No Trend		

**Notes:**

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

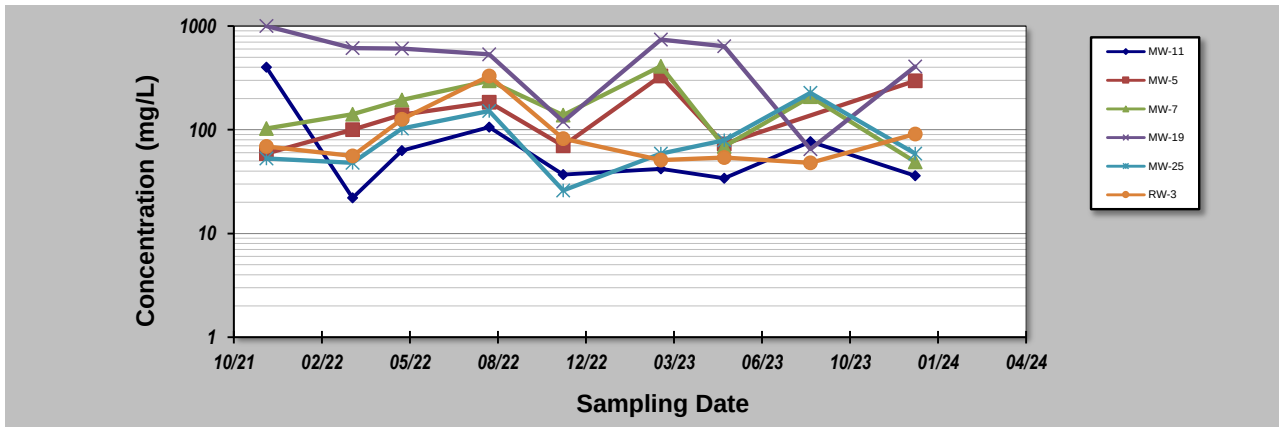
DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of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

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TABLE 19

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date:	01/01/23	Job ID:	AP-017					
Facility Name:	TNM 97-17	Constituent:	Chemical Oxygen Demand (COD)					
Conducted By:	TRC	Concentration Units:	mg/L					
Sampling Point ID:	MW-11	MW-5	MW-7	MW-19	MW-25	RW-3		
Sampling Event	Sampling Date	CHEMICAL OXYGEN DEMAND (COD) CONCENTRATION (mg/L)						
1	12/07/21	400	59.0	103	1000	53.0	69.0	
2	03/15/22	22.0	100	141	612	48.0	56.0	
3	05/10/22	63.0	140	194	608	103	126	
4	08/17/22	106	184	296	534	152	330	
5	11/09/22	37.0	70.0	138	120	26.0	82.0	
6	02/28/23	42.0	330	410	740	59.0	51.0	
7	05/11/23	34.0	73.0	69.0	637	79.0	54.0	
8	08/17/23	77.0		208	65.0	227	48.0	
9	12/14/23	36.0	296	49.0	406	59.0	91.0	
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:	1.31	0.67	0.64	0.56	0.71	0.89		
Mann-Kendall Statistic (S):	-8	12	-2	-16	9	-8		
Confidence Factor:	76.2%	91.1%	54.0%	94.0%	79.2%	76.2%		
Concentration Trend:	No Trend	Prob. Increasing	Stable	Prob. Decreasing	No Trend	Stable		

**Notes:**

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

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APPENDICES

APPENDIX A: 2023 Laboratory Analytical Reports

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



Analytical Report Rev. 1

Prepared for:

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

Project: 97-17_MNA
Project Number: TNM 97-17
Location: Lea County, NM
Lab Order Number: 3C01002



Current Certification

Report Date: 04/17/23

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

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

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-25	3C01002-01	Water	02/28/23 11:40	03-01-2023 08:15
MW-11	3C01002-02	Water	02/28/23 12:52	03-01-2023 08:15
RW-3	3C01002-03	Water	02/28/23 13:39	03-01-2023 08:15
MW-5	3C01002-04	Water	02/28/23 14:33	03-01-2023 08:15
MW-19	3C01002-05	Water	02/28/23 15:25	03-01-2023 08:15
MW-7	3C01002-06	Water	02/28/23 16:45	03-01-2023 08:15

Dissolved Iron and Manganese, and RSK analysis were subcontracted to ALS Houston. Their report is attached after the Chain of Custody. Their TCEQ TNI certification number can be found here:

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

On 04/14/2022 PBELAB staff was advised that for Sample #6, Only Benzene was reported. This was due to a dilution rerun. This revised report reflects the remainder of the the compounds for Sample # 6

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

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

MW-25
3C01002-01 (Water)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 17:01	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 17:01	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 17:01	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 17:01	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 17:01	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	99.3 %	80-120			P3C0707	03/07/23 13:39	03/07/23 17:01	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	97.8 %	80-120			P3C0707	03/07/23 13:39	03/07/23 17:01	EPA 8021B	
Ethane	ND	1.00	mg/L	1	P3C2216	03/23/23 10:38	03/07/23 10:20	8015M	SUB-13
Ethene	ND	1.00	mg/L	1	P3C2216	03/23/23 10:38	03/07/23 10:20	8015M	SUB-13
Methane	0.0595	0.00100	mg/L	1	P3C2216	03/23/23 10:38	03/07/23 11:54	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	59.0	2.00	mg/L	1	P3C2201	03/22/23 07:53	03/22/23 13:00	8000	QAL1
Nitrate as N	ND	2.00	mg/L	10	P3C0110	03/01/23 13:57	03/01/23 21:54	EPA 300.0	
Sulfate	1700	100	mg/L	100	P3C0903	03/09/23 09:11	03/09/23 14:51	EPA 300.0	
Total Organic Carbon	19.2	1.00	mg/L	1	P3C2217	03/09/23 16:09	03/09/23 16:09	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P3B2107	03/16/23 13:30	03/16/23 22:40	EPA 6020A	SUB-13
Manganese	0.0484	0.00500	mg/L	1	P3B2107	03/16/23 13:30	03/16/23 22:40	EPA 6020A	SUB-13

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	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

MW-11
3C01002-02 (Water)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 17:23	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 17:23	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 17:23	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 17:23	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 17:23	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	99.2 %	80-120		P3C0707	03/07/23 13:39	03/07/23 17:23	EPA 8021B		
Surrogate: 1,4-Difluorobenzene	98.2 %	80-120		P3C0707	03/07/23 13:39	03/07/23 17:23	EPA 8021B		
Ethane	ND	1.00	mg/L	1	P3C2216	03/23/23 10:38	03/07/23 10:37	8015M	SUB-13
Ethene	ND	1.00	mg/L	1	P3C2216	03/23/23 10:38	03/07/23 10:37	8015M	SUB-13
Methane	0.00137	0.000500	mg/L	1	P3C2216	03/23/23 10:38	03/07/23 10:37	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	42.0	2.00	mg/L	1	P3C2201	03/22/23 07:53	03/22/23 13:00	8000	QAL1
Nitrate as N	ND	2.00	mg/L	10	P3C0110	03/01/23 13:57	03/01/23 22:55	EPA 300.0	
Sulfate	1900	100	mg/L	100	P3C0903	03/09/23 09:11	03/09/23 15:53	EPA 300.0	
Total Organic Carbon	6.77	1.00	mg/L	1	P3C2217	03/07/23 17:41	03/07/23 17:41	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P3B2107	03/16/23 13:30	03/16/23 22:43	EPA 6020A	SUB-13
Manganese	0.0211	0.00500	mg/L	1	P3B2107	03/16/23 13:30	03/16/23 22:43	EPA 6020A	SUB-13

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

RW-3
3C01002-03 (Water)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 17:44	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 17:44	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 17:44	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 17:44	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 17:44	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	102 %	80-120			P3C0707	03/07/23 13:39	03/07/23 17:44	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	95.5 %	80-120			P3C0707	03/07/23 13:39	03/07/23 17:44	EPA 8021B	
Ethane	ND	1.00	mg/L	1	P3C2216	03/23/23 10:38	03/07/23 10:45	8015M	SUB-13
Ethene	ND	1.00	mg/L	1	P3C2216	03/23/23 10:38	03/07/23 10:45	8015M	SUB-13
Methane	0.0535	0.00100	mg/L	1	P3C2216	03/23/23 10:38	03/07/23 12:17	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	51.0	2.00	mg/L	1	P3C2201	03/22/23 07:53	03/22/23 13:00	8000	QAL1
Nitrate as N	ND	2.00	mg/L	10	P3C0110	03/01/23 13:57	03/01/23 23:16	EPA 300.0	
Sulfate	2210	100	mg/L	100	P3C0903	03/09/23 09:11	03/09/23 16:13	EPA 300.0	
Total Organic Carbon	13.2	1.00	mg/L	1	P3C2217	03/07/23 18:10	03/07/23 18:10	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	0.247	0.200	mg/L	1	P3B2107	03/16/23 13:30	03/16/23 22:45	EPA 6020A	SUB-13
Manganese	0.0226	0.00500	mg/L	1	P3B2107	03/16/23 13:30	03/16/23 22:45	EPA 6020A	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_MNA
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW-5
3C01002-04 (Water)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.00478	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 18:05	EPA 8021B	
Toluene	0.00108	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 18:05	EPA 8021B	
Ethylbenzene	0.00134	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 18:05	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 18:05	EPA 8021B	
Xylene (o)	0.00101	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 18:05	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	99.5 %	80-120			P3C0707	03/07/23 13:39	03/07/23 18:05	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	94.5 %	80-120			P3C0707	03/07/23 13:39	03/07/23 18:05	EPA 8021B	
Ethane	0.00122	0.00100	mg/L	1	P3C2216	03/23/23 10:38	03/07/23 10:59	8015M	SUB-13
Ethene	ND	1.00	mg/L	1	P3C2216	03/23/23 10:38	03/07/23 10:59	8015M	SUB-13
Methane	0.303	0.00500	mg/L	1	P3C2216	03/23/23 10:38	03/07/23 12:26	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	330	2.00	mg/L	1	P3C2201	03/22/23 07:53	03/22/23 13:00	8000	QAL1
Nitrate as N	ND	2.00	mg/L	10	P3C0110	03/01/23 13:57	03/01/23 23:37	EPA 300.0	
Sulfate	2320	100	mg/L	100	P3C0903	03/09/23 09:11	03/09/23 16:34	EPA 300.0	
Total Organic Carbon	15.2	1.00	mg/L	1	P3C2217	03/07/23 18:25	03/07/23 18:25	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P3B2107	03/16/23 13:30	03/16/23 22:47	EPA 6020A	SUB-13
Manganese	0.00693	0.00500	mg/L	1	P3B2107	03/16/23 13:30	03/16/23 22:47	EPA 6020A	SUB-13

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	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

MW-19
3C01002-05 (Water)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC								
Benzene	0.196	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 18:26	EPA 8021B
Toluene	0.00153	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 18:26	EPA 8021B
Ethylbenzene	0.00448	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 18:26	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 18:26	EPA 8021B
Xylene (o)	0.0130	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 18:26	EPA 8021B
Surrogate: 4-Bromofluorobenzene	99.8 %	80-120			P3C0707	03/07/23 13:39	03/07/23 18:26	EPA 8021B
Surrogate: 1,4-Difluorobenzene	93.6 %	80-120			P3C0707	03/07/23 13:39	03/07/23 18:26	EPA 8021B
Ethane	ND	1.00	mg/L	1	P3C2216	03/23/23 10:38	03/07/23 11:19	8015M SUB-13
Ethene	ND	1.00	mg/L	1	P3C2216	03/23/23 10:38	03/07/23 11:19	8015M SUB-13
Methane	2.85	0.00500	mg/L	1	P3C2216	03/23/23 10:38	03/07/23 12:38	8015M SUB-13

General Chemistry Parameters by EPA / Standard Methods								
Chemical Oxygen Demand	740	2.00	mg/L	1	P3C2201	03/22/23 07:53	03/22/23 13:00	8000 QAL1
Nitrate as N	ND	2.00	mg/L	10	P3C0110	03/01/23 13:57	03/01/23 23:57	EPA 300.0
Sulfate	815	100	mg/L	100	P3C0903	03/09/23 09:11	03/09/23 16:54	EPA 300.0
Total Organic Carbon	213	10.0	mg/L	1	P3C2217	03/09/23 16:24	03/09/23 16:24	EPA 415.1 SUB-13

Dissolved Metals by EPA / Standard Methods								
Iron	ND	0.400	mg/L	1	P3B2107	03/16/23 13:30	03/17/23 11:49	EPA 6020A SUB-13
Manganese	0.0181	0.0100	mg/L	1	P3B2107	03/16/23 13:30	03/17/23 11:49	EPA 6020A 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_MNA
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW-7
3C01002-06 (Water)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.327	0.00500	mg/L	5	P3C0707	03/07/23 13:39	03/08/23 14:36	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 18:47	EPA 8021B	
Ethylbenzene	0.0390	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 18:47	EPA 8021B	
Xylene (p/m)	0.0136	0.00200	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 18:47	EPA 8021B	
Xylene (o)	0.00323	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 18:47	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	99.8 %	80-120			P3C0707	03/07/23 13:39	03/08/23 14:36	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	93.5 %	80-120			P3C0707	03/07/23 13:39	03/08/23 14:36	EPA 8021B	
Ethane	ND	1.00	mg/L	1	P3C2216	03/23/23 10:38	03/07/23 11:34	8015M	SUB-13
Ethene	ND	1.00	mg/L	1	P3C2216	03/23/23 10:38	03/07/23 11:34	8015M	SUB-13
Methane	0.822	0.0250	mg/L	1	P3C2216	03/23/23 10:38	03/07/23 12:49	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	410	2.00	mg/L	1	P3C2201	03/22/23 07:53	03/22/23 13:00	8000	QAL1
Nitrate as N	ND	2.00	mg/L	10	P3C0110	03/01/23 13:57	03/02/23 00:18	EPA 300.0	
Sulfate	1970	100	mg/L	100	P3C0903	03/09/23 09:11	03/09/23 17:15	EPA 300.0	
Total Organic Carbon	49.1	1.00	mg/L	1	P3C2217	03/07/23 18:55	03/07/23 18:55	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P3B2107	03/16/23 13:30	03/16/23 22:51	EPA 6020A	SUB-13
Manganese	0.0107	0.00500	mg/L	1	P3B2107	03/16/23 13:30	03/16/23 22:51	EPA 6020A	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_MNA
Project Number: TNM 97-17
Project Manager: Curt Stanley

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

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

Batch P3C0707 - * DEFAULT PREP *****

Blank (P3C0707-BLK1)

Prepared & Analyzed: 03/07/23

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	0.121		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.6	80-120			

LCS (P3C0707-BS1)

Prepared & Analyzed: 03/07/23

Benzene	0.0961	0.00100	mg/L	0.100		96.1	80-120			
Toluene	0.0964	0.00100	"	0.100		96.4	80-120			
Ethylbenzene	0.109	0.00100	"	0.100		109	80-120			
Xylene (p/m)	0.210	0.00200	"	0.200		105	80-120			
Xylene (o)	0.0958	0.00100	"	0.100		95.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.5	80-120			

LCS Dup (P3C0707-BSD1)

Prepared & Analyzed: 03/07/23

Benzene	0.0964	0.00100	mg/L	0.100		96.4	80-120	0.384	20	
Toluene	0.0967	0.00100	"	0.100		96.7	80-120	0.238	20	
Ethylbenzene	0.110	0.00100	"	0.100		110	80-120	0.742	20	
Xylene (p/m)	0.213	0.00200	"	0.200		106	80-120	1.35	20	
Xylene (o)	0.0973	0.00100	"	0.100		97.3	80-120	1.53	20	
Surrogate: 4-Bromofluorobenzene	0.126		"	0.120		105	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.4	80-120			

Calibration Blank (P3C0707-CCB1)

Prepared & Analyzed: 03/07/23

Benzene	0.280		ug/l							
Toluene	0.290		"							
Ethylbenzene	0.690		"							
Xylene (p/m)	1.22		"							
Xylene (o)	0.700		"							
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.1	80-120			

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3C0707 - *** DEFAULT PREP ***

Calibration Blank (P3C0707-CCB2)				Prepared & Analyzed: 03/07/23						
Benzene	0.330		ug/l							
Toluene	0.350		"							
Ethylbenzene	0.510		"							
Xylene (p/m)	0.930		"							
Xylene (o)	0.780		"							
Surrogate: 4-Bromofluorobenzene	0.126		"	0.120		105	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.7	80-120			

Calibration Check (P3C0707-CCV1)				Prepared & Analyzed: 03/07/23						
Benzene	0.106	0.00100	mg/L	0.100		106	80-120			
Toluene	0.106	0.00100	"	0.100		106	80-120			
Ethylbenzene	0.114	0.00100	"	0.100		114	80-120			
Xylene (p/m)	0.231	0.00200	"	0.200		116	80-120			
Xylene (o)	0.107	0.00100	"	0.100		107	80-120			
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		96.1	80-120			

Calibration Check (P3C0707-CCV2)				Prepared & Analyzed: 03/07/23						
Benzene	0.0866	0.00100	mg/L	0.100		86.6	80-120			
Toluene	0.0853	0.00100	"	0.100		85.3	80-120			
Ethylbenzene	0.0894	0.00100	"	0.100		89.4	80-120			
Xylene (p/m)	0.179	0.00200	"	0.200		89.7	80-120			
Xylene (o)	0.0865	0.00100	"	0.100		86.5	80-120			
Surrogate: 4-Bromofluorobenzene	0.126		"	0.120		105	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.9	80-120			

Calibration Check (P3C0707-CCV3)				Prepared & Analyzed: 03/07/23						
Benzene	0.0973	0.00100	mg/L	0.100		97.3	80-120			
Toluene	0.0955	0.00100	"	0.100		95.5	80-120			
Ethylbenzene	0.101	0.00100	"	0.100		101	80-120			
Xylene (p/m)	0.205	0.00200	"	0.200		103	80-120			
Xylene (o)	0.0968	0.00100	"	0.100		96.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.126		"	0.120		105	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.6	80-120			

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3C0707 - *** DEFAULT PREP ***

Matrix Spike (P3C0707-MS1)	Source: 3C01002-01			Prepared & Analyzed: 03/07/23						
Benzene	0.0998	0.00100	mg/L	0.100	ND	99.8	80-120			
Toluene	0.0976	0.00100	"	0.100	ND	97.6	80-120			
Ethylbenzene	0.110	0.00100	"	0.100	ND	110	80-120			
Xylene (p/m)	0.212	0.00200	"	0.200	ND	106	80-120			
Xylene (o)	0.0974	0.00100	"	0.100	ND	97.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.125		"	0.120		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.4	80-120			

Matrix Spike Dup (P3C0707-MSD1)	Source: 3C01002-01			Prepared & Analyzed: 03/07/23						
Benzene	0.113	0.00100	mg/L	0.100	ND	113	80-120	12.8	20	QM-05
Toluene	0.111	0.00100	"	0.100	ND	111	80-120	12.5	20	
Ethylbenzene	0.123	0.00100	"	0.100	ND	123	80-120	11.0	20	
Xylene (p/m)	0.236	0.00200	"	0.200	ND	118	80-120	10.8	20	
Xylene (o)	0.109	0.00100	"	0.100	ND	109	80-120	11.3	20	
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.2	80-120			

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3C0110 - *** DEFAULT PREP ***										
Blank (P3C0110-BLK1)				Prepared & Analyzed: 03/01/23						
Nitrate as N	ND	0.200	mg/L							
LCS (P3C0110-BS1)				Prepared & Analyzed: 03/01/23						
Nitrate as N	1.94		mg/L	2.00		97.1	90-110			
LCS Dup (P3C0110-BSD1)				Prepared & Analyzed: 03/01/23						
Nitrate as N	1.94		mg/L	2.00		97.0	90-110	0.155	10	
Calibration Blank (P3C0110-CCB1)				Prepared & Analyzed: 03/01/23						
Nitrate as N	0.00		mg/L							
Calibration Check (P3C0110-CCV2)				Prepared: 03/01/23 Analyzed: 03/02/23						
Nitrate as N	1.89		mg/L	2.00		94.3	90-110			
Batch P3C0903 - *** DEFAULT PREP ***										
Blank (P3C0903-BLK1)				Prepared & Analyzed: 03/09/23						
Sulfate	ND	1.00	mg/L							
LCS (P3C0903-BS1)				Prepared & Analyzed: 03/09/23						
Sulfate	19.7		mg/L	20.0		98.5	90-110			
LCS Dup (P3C0903-BSD1)				Prepared & Analyzed: 03/09/23						
Sulfate	19.7		mg/L	20.0		98.4	90-110	0.183	10	
Calibration Check (P3C0903-CCV1)				Prepared: 03/09/23 Analyzed: 03/10/23						
Sulfate	19.5		mg/L	20.0		97.6	90-110			

Permian Basin Environmental Lab, L.P.

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

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

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

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

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

Batch P3C0903 - * DEFAULT PREP *****

Calibration Check (P3C0903-CCV2)

Prepared: 03/09/23 Analyzed: 03/10/23

Sulfate	19.6		mg/L	20.0		98.0	90-110			

Matrix Spike (P3C0903-MS1)

Source: 3C01002-01

Prepared: 03/09/23 Analyzed: 03/10/23

Sulfate	1900	100	mg/L		1700		80-120			

Matrix Spike Dup (P3C0903-MSD1)

Source: 3C01002-01

Prepared: 03/09/23 Analyzed: 03/10/23

Sulfate	1370	100	mg/L		1700		80-120	32.4	20	QM-05

Batch P3C2201 - * DEFAULT PREP *****

Blank (P3C2201-BLK1)

Prepared & Analyzed: 03/22/23

Chemical Oxygen Demand	ND	2.00	mg/L							QAL1

LCS (P3C2201-BS1)

Prepared & Analyzed: 03/22/23

Chemical Oxygen Demand	96.0	2.00	mg/L	100		96.0	80-120			QAL1

LCS Dup (P3C2201-BSD1)

Prepared & Analyzed: 03/22/23

Chemical Oxygen Demand	103	2.00	mg/L	100		103	80-120	7.04	20	QAL1

Calibration Check (P3C2201-CCV1)

Prepared & Analyzed: 03/22/23

Chemical Oxygen Demand	96.0	2.00	mg/L	100		96.0	80-120			QAL1

Calibration Check (P3C2201-CCV2)

Prepared & Analyzed: 03/22/23

Chemical Oxygen Demand	98.0	2.00	mg/L	100		98.0	80-120			QAL1

Calibration Check (P3C2201-CCV3)

Prepared & Analyzed: 03/22/23

Chemical Oxygen Demand	99.0	2.00	mg/L	100		99.0	80-120			QAL1

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3C2201 - *** DEFAULT PREP ***										
Duplicate (P3C2201-DUP1)		Source: 3C01002-01		Prepared & Analyzed: 03/22/23						
Chemical Oxygen Demand	58.0	2.00	mg/L		59.0			1.71	20	QAL1
Duplicate (P3C2201-DUP2)		Source: 3C10003-05		Prepared & Analyzed: 03/22/23						
Chemical Oxygen Demand	660	2.00	mg/L		690			4.44	20	QAL1
Matrix Spike (P3C2201-MS1)		Source: 3C01002-01		Prepared & Analyzed: 03/22/23						
Chemical Oxygen Demand	153	2.00	mg/L	100	59.0	94.0	80-120			QAL1
Matrix Spike (P3C2201-MS2)		Source: 3C10003-05		Prepared & Analyzed: 03/22/23						
Chemical Oxygen Demand	1150	2.00	mg/L	1000	690	46.0	80-120			QAL1, QM-05
Matrix Spike Dup (P3C2201-MSD1)		Source: 3C01002-01		Prepared & Analyzed: 03/22/23						
Chemical Oxygen Demand	154	2.00	mg/L	100	59.0	95.0	80-120	0.651	20	QAL1

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

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

Notes and Definitions

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

ROI Received on Ice

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

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

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

NPBEL C Chain of Custody was not generated at PBELAB

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

4/17/2023

Brent Barron, Laboratory Director/Technical Director

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

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

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

Permian Basin Environmental Lab, L.P.

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

PBBLAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235

Page 1

Project Manager: Curt Stanley

Project Name: 97-17

Page 17 of 56

Company Name: TRC Environmental Corporation

Project #: SRS: TNM 97-17

Company Address: 10 Desta Drive, Ste 130E

Project Loc: Lea County, NM

City/State/Zip: Midland TX 79705

PO #:

Telephone No: (432) 520-7720

Fax No:

Sampler Signature: *M. Stanley*

e-mail:

cdstanley@trccompanies.com
clbrvant@paalp.com
khuddgens@paalp.com

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

(lab use only)

ORDER #: 8C01002

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None	Other (Specify)	DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Matrix	TOC MW 5310	Dissolved Methane, Ethane, and Ethene by RSK-175	Total Dissolved Metals (Fe and Mn) by SW 6010	Nitrate and Sulfate by E300	COD by SM 5310	Total BTEX by 8260	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	MW-25			2-28-23	1140	1	9	X	1	7	2						GW	X	X	X	X	X	X		X
2	MW-11				1252	1	9	X	1	7	2						GW	X	X	X	X	X	X		X
3	RW-3				1339	1	9	X	1	7	2						GW	X	X	X	X	X	X		X
4	MW-5				1433	1	9	X	1	7	2						GW	X	X	X	X	X	X		X
5	MW-19				1525	1	9	X	1	7	2						GW	X	X	X	X	X	X		X
6	MW-7				1645	1	9	X	1	7	2						GW	X	X	X	X	X	X		X

Special Instructions:

BILL TO PLAINS

Relinquished by: Manny Date: 3-1-23 Time: 8:14 Received by: *Mr. Goodland* Date: 3/1/23 Time: 9:15

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

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

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



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701Phone: 432-686-7235
PBELAB_SUB_COC_V2

Project Manager: Brent Barron

Project Name: SUBCONTRACT

Company Name PBEL

Project #:

Company Address: 1400 Rankin HWY

Project Loc:

City/State/Zip: Midland Texas 79701

PO #:

Telephone No: 432-661-4184

Fax No:

Report Format: ☒ Standard☐ TRRP☐ NPDES

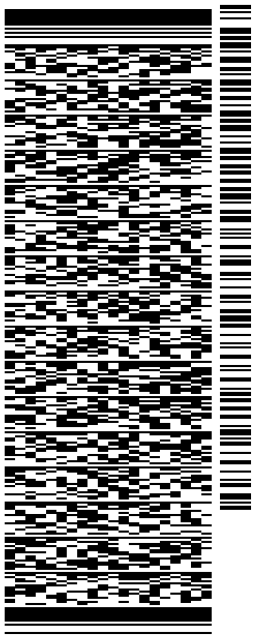
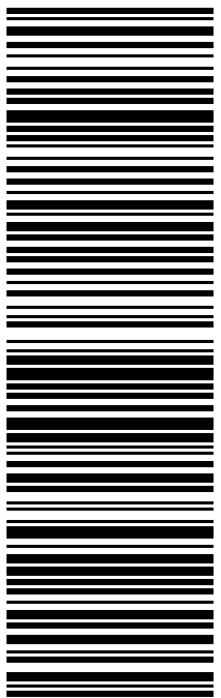
Sampler Signature: N/A

e-mail: brentbarron@pbelab.com

ORDER #:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

SPECIAL INSTRUCTIONS:

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

ORIGIN ID:MAFA BRENT BARRON PBE LAB 1400 RANKIN HWY MIDLAND, TX 79701 UNITED STATES US	(432) 686-7235	SHIP DATE: 01MAR23 ACTWGT: 15.00 LB CAD: 107136846/INET4580
BILL RECIPIENT		
TO SAMPLE RECEIVING		
ALS-HOUSTON		
10450 STANCLIFF RD		
HOUSTON TX 77099		
REF: (281) 530-5615	DEPT:	
INV:		
PO:		
		
		
J231023011101uv		
TRK# 7714 4083 4820	THU - 02 MAR 4:30P	
0201	STANDARD OVERNIGHT	
AB SGRA	77099	
TX-US	IAH	
		

581J79982/FE2D

After printing this label:

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235
PBELAB_SUB_COC_V2

Project Manager: Brent Barron

Project Name: SUBCONTRACT

Company Name: PBEL

Project #:

Company Address: 1400 Rankin HWY

Project Loc:

City/State/Zip: Midland Texas 79701

PO #:

Telephone No: 432-661-4184

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

Sampler Signature: N/A

e-mail: brentbarron@pbelab.com

ORDER #:

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers							Matrix	Analyze For:												24 HOUR RUSH	STANDARD
								ICE	HNO ₃ 250 poly 1	HCl 3 40mL VOA	H ₂ SO ₄ 1 AMBER 500/250POLY	NaOH /Ascorbic Acid 250ML P	Na ₂ S ₂ O ₃	NONE	NONE 3 AMBER VOAA VIALS	DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Fe Diss ICP 6010B	Mn Diss ICP 6010B											
	3C01002-01			2/28/2023	11:40	X	1	X	X							W	X	X										X	X
	3C01002-02			2/28/2023	12:52	X	1	X	X							W	X	X										X	X
	3C01002-03			2/28/2023	13:39	X	1	X	X							W	X	X										X	X
	3C01002-04			2/28/2023	14:33	X	1	X	X							W	X	X										X	X
	3C01002-05			2/28/2023	15:25	X	1	X	X							W	X	X										X	X
	3C01002-06			2/28/2023	16:45	X	1	X	X							W	X	X										X	X

SPECIAL INSTRUCTIONS:

Relinquished by: Brent Barron	Date	Time	Received by:	Date	Time	Laboratory Comments:												Sample Containers Intact?								VOCs Free of Headspace?								Labels on container(s) Custody seals on container(s)								Custody seals on cooler(s)								Sample Hand Delivered by Sampler/Client Rep. ?								by Courier? UPS DHL FedEx Lone Star								Temperature Upon Receipt: °C Factor								Adjusted:																							
Relinquished by:	Date	Time	Received by:	Date	Time																																																																																												
Relinquished by:	Date	Time	Received by:	Date	Time																																																																																												
Relinquished by:	Date	Time	Received by:	Date	Time																																																																																												



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

March 09, 2023

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

Work Order: **HS23030151**

Laboratory Results for: **3C01002**

Dear Brent Barron,

ALS Environmental received 6 sample(s) on Mar 02, 2023 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

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

Generated By: JUMOKE.LAWAL
Anna Kinchen
Project Manager

ALS Houston, US

Date: 09-Mar-23

Client: Permian Basin Environmental Lab, LP
Project: 3C01002
Work Order: HS23030151

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS23030151-01	3C01002-01	Water		28-Feb-2023 11:40	02-Mar-2023 10:20	☐
HS23030151-02	3C01002-02	Water		28-Feb-2023 12:52	02-Mar-2023 10:20	☐
HS23030151-03	3C01002-03	Water		28-Feb-2023 13:39	02-Mar-2023 10:20	☐
HS23030151-04	3C01002-04	Water		28-Feb-2023 14:33	02-Mar-2023 10:20	☐
HS23030151-05	3C01002-05	Water		28-Feb-2023 15:25	02-Mar-2023 10:20	☐
HS23030151-06	3C01002-06	Water		28-Feb-2023 16:45	02-Mar-2023 10:20	☐

ALS Houston, US

Date: 09-Mar-23

Client: Permian Basin Environmental Lab, LP
Project: 3C01002
Work Order: HS23030151

CASE NARRATIVE

GC Semivolatiles by Method RSK-175

Batch ID: R429509

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

WetChemistry by Method E415.1

Batch ID: R429712

Sample ID: HS23030106-01MS

- MS is for an unrelated sample

Batch ID: R429532

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

ALS Houston, US

Date: 09-Mar-23

Client:	Permian Basin Environmental Lab, LP	ANALYTICAL REPORT
Project:	3C01002	WorkOrder:HS23030151
Sample ID:	3C01002-01	Lab ID:HS23030151-01
Collection Date:	28-Feb-2023 11:40	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: SAM		
Ethane	ND		1.00	ug/L	1	07-Mar-2023 10:20
Ethene	ND		1.00	ug/L	1	07-Mar-2023 10:20
Methane	59.5		1.00	ug/L	2	07-Mar-2023 11:54
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	19.2		1.00	mg/L	1	09-Mar-2023 16:09

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

ALS Houston, US

Date: 09-Mar-23

Client:	Permian Basin Environmental Lab, LP	ANALYTICAL REPORT
Project:	3C01002	WorkOrder:HS23030151
Sample ID:	3C01002-02	Lab ID:HS23030151-02
Collection Date:	28-Feb-2023 12:52	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: SAM		
Ethane	ND		1.00	ug/L	1	07-Mar-2023 10:37
Ethene	ND		1.00	ug/L	1	07-Mar-2023 10:37
Methane	1.37		0.500	ug/L	1	07-Mar-2023 10:37
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	6.77		1.00	mg/L	1	07-Mar-2023 17:41

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

ALS Houston, US

Date: 09-Mar-23

Client:	Permian Basin Environmental Lab, LP	ANALYTICAL REPORT
Project:	3C01002	WorkOrder:HS23030151
Sample ID:	3C01002-03	Lab ID:HS23030151-03
Collection Date:	28-Feb-2023 13:39	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: SAM		
Ethane	ND		1.00	ug/L	1	07-Mar-2023 10:45
Ethene	ND		1.00	ug/L	1	07-Mar-2023 10:45
Methane	53.5		1.00	ug/L	2	07-Mar-2023 12:17
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	13.2		1.00	mg/L	1	07-Mar-2023 18:10

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

ALS Houston, US

Date: 09-Mar-23

Client:	Permian Basin Environmental Lab, LP	ANALYTICAL REPORT
Project:	3C01002	WorkOrder:HS23030151
Sample ID:	3C01002-04	Lab ID:HS23030151-04
Collection Date:	28-Feb-2023 14:33	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: SAM		
Ethane	1.22		1.00	ug/L	1	07-Mar-2023 10:59
Ethene	ND		1.00	ug/L	1	07-Mar-2023 10:59
Methane	303		5.00	ug/L	10	07-Mar-2023 12:26
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	15.2		1.00	mg/L	1	07-Mar-2023 18:25

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

ALS Houston, US

Date: 09-Mar-23

Client:	Permian Basin Environmental Lab, LP	ANALYTICAL REPORT
Project:	3C01002	WorkOrder:HS23030151
Sample ID:	3C01002-05	Lab ID:HS23030151-05
Collection Date:	28-Feb-2023 15:25	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: SAM		
Ethane	ND		1.00	ug/L	1	07-Mar-2023 11:19
Ethene	ND		1.00	ug/L	1	07-Mar-2023 11:19
Methane	2,850		50.0	ug/L	100	07-Mar-2023 12:38
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	213		10.0	mg/L	10	09-Mar-2023 16:24

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

ALS Houston, US

Date: 09-Mar-23

Client:	Permian Basin Environmental Lab, LP	ANALYTICAL REPORT
Project:	3C01002	WorkOrder:HS23030151
Sample ID:	3C01002-06	Lab ID:HS23030151-06
Collection Date:	28-Feb-2023 16:45	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: SAM		
Ethane	ND		1.00	ug/L	1	07-Mar-2023 11:34
Ethene	ND		1.00	ug/L	1	07-Mar-2023 11:34
Methane	822		25.0	ug/L	50	07-Mar-2023 12:49
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: JAC		
Organic Carbon, Total	49.1		1.00	mg/L	1	07-Mar-2023 18:55

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

ALS Houston, US

Date: 09-Mar-23

Client: Permian Basin Environmental Lab, LP
Project: 3C01002
WorkOrder: HS23030151

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: R429509 (0)		Test Name : DISSOLVED GASES BY RSK-175			Matrix: Water	
HS23030151-01	3C01002-01	28 Feb 2023 11:40			07 Mar 2023 11:54	2
HS23030151-01	3C01002-01	28 Feb 2023 11:40			07 Mar 2023 10:20	1
HS23030151-02	3C01002-02	28 Feb 2023 12:52			07 Mar 2023 10:37	1
HS23030151-03	3C01002-03	28 Feb 2023 13:39			07 Mar 2023 12:17	2
HS23030151-03	3C01002-03	28 Feb 2023 13:39			07 Mar 2023 10:45	1
HS23030151-04	3C01002-04	28 Feb 2023 14:33			07 Mar 2023 12:26	10
HS23030151-04	3C01002-04	28 Feb 2023 14:33			07 Mar 2023 10:59	1
HS23030151-05	3C01002-05	28 Feb 2023 15:25			07 Mar 2023 12:38	100
HS23030151-05	3C01002-05	28 Feb 2023 15:25			07 Mar 2023 11:19	1
HS23030151-06	3C01002-06	28 Feb 2023 16:45			07 Mar 2023 12:49	50
HS23030151-06	3C01002-06	28 Feb 2023 16:45			07 Mar 2023 11:34	1
Batch ID: R429532 (0)		Test Name : TOTAL ORGANIC CARBON BY E415.1			Matrix: Water	
HS23030151-02	3C01002-02	28 Feb 2023 12:52			07 Mar 2023 17:41	1
HS23030151-03	3C01002-03	28 Feb 2023 13:39			07 Mar 2023 18:10	1
HS23030151-04	3C01002-04	28 Feb 2023 14:33			07 Mar 2023 18:25	1
HS23030151-06	3C01002-06	28 Feb 2023 16:45			07 Mar 2023 18:55	1
Batch ID: R429712 (0)		Test Name : TOTAL ORGANIC CARBON BY E415.1			Matrix: Water	
HS23030151-01	3C01002-01	28 Feb 2023 11:40			09 Mar 2023 16:09	1
HS23030151-05	3C01002-05	28 Feb 2023 15:25			09 Mar 2023 16:24	10

ALS Houston, US

Date: 09-Mar-23

Client: Permian Basin Environmental Lab, LP
Project: 3C01002
WorkOrder: HS23030151

QC BATCH REPORT

Batch ID: R429509 (0)		Instrument: FID-4		Method: DISSOLVED GASES BY RSK-175					
MBLK	Sample ID: MBLK-230307	Units: ug/L		Analysis Date: 07-Mar-2023 09:43					
Client ID:	Run ID: FID-4_429509		SeqNo: 7160911		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual

Ethane	ND	1.00							
Ethene	ND	1.00							
Methane	ND	0.500							

LCS	Sample ID: LCS-230307	Units: ug/L		Analysis Date: 07-Mar-2023 09:57					
Client ID:	Run ID: FID-4_429509		SeqNo: 7160912		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual

Ethane	19.76	1.00	18.04	0	110	75 - 125			
Ethene	17.92	1.00	16.8	0	107	75 - 125			
Methane	8.604	0.500	9.647	0	89.2	75 - 125			

LCSD	Sample ID: LCSD-230307	Units: ug/L		Analysis Date: 07-Mar-2023 10:07					
Client ID:	Run ID: FID-4_429509		SeqNo: 7160913		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual

Ethane	19.11	1.00	18.04	0	106	75 - 125	19.76	3.33	30
Ethene	16.63	1.00	16.8	0	99.0	75 - 125	17.92	7.43	30
Methane	8.791	0.500	9.647	0	91.1	75 - 125	8.604	2.15	30

DUP	Sample ID: HS23030112-03DUP	Units: ug/L		Analysis Date: 07-Mar-2023 13:29					
Client ID:	Run ID: FID-4_429509		SeqNo: 7160929		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual

Ethane	ND	1.00					0	0	30
Ethene	ND	1.00					0	0	30
Methane	2.506	0.500					2.404	4.14	30

The following samples were analyzed in this batch:

HS23030151-01	HS23030151-02	HS23030151-03	HS23030151-04
HS23030151-05	HS23030151-06		

ALS Houston, US

Date: 09-Mar-23

Client: Permian Basin Environmental Lab, LP
Project: 3C01002
WorkOrder: HS23030151

QC BATCH REPORT

Batch ID: R429532 (0)		Instrument: TOC_05		Method: TOTAL ORGANIC CARBON BY E415.1					
MBLK	Sample ID: MBLK-03072023	Units: mg/L		Analysis Date: 07-Mar-2023 17:00					
Client ID:	Run ID: TOC_05_429532	SeqNo: 7161383		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Organic Carbon, Total	ND	1.00							
LCS	Sample ID: LCS-03072023	Units: mg/L		Analysis Date: 07-Mar-2023 17:14					
Client ID:	Run ID: TOC_05_429532	SeqNo: 7161384		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Organic Carbon, Total	10.77	1.00	10	0	108	85 - 115			
LCSD	Sample ID: LCSD-03072023	Units: mg/L		Analysis Date: 07-Mar-2023 17:28					
Client ID:	Run ID: TOC_05_429532	SeqNo: 7161385		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Organic Carbon, Total	10.74	1.00	10	0	107	85 - 115	10.77	0.279	20
MS	Sample ID: HS23030151-02MS	Units: mg/L		Analysis Date: 07-Mar-2023 17:56					
Client ID: 3C01002-02	Run ID: TOC_05_429532	SeqNo: 7161387		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Organic Carbon, Total	18.05	1.00	10	6.773	113	80 - 120			
The following samples were analyzed in this batch:									
HS23030151-02		HS23030151-03		HS23030151-04		HS23030151-06			

ALS Houston, US

Date: 09-Mar-23

Client: Permian Basin Environmental Lab, LP
Project: 3C01002
WorkOrder: HS23030151

QC BATCH REPORT

Batch ID: R429712 (0)		Instrument: TOC_05		Method: TOTAL ORGANIC CARBON BY E415.1					
MBLK	Sample ID: MBLK-03072023	Units: mg/L		Analysis Date: 09-Mar-2023 14:41					
Client ID:	Run ID: TOC_05_429712	SeqNo: 7164629		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Organic Carbon, Total	ND	1.00							
LCS	Sample ID: LCS-03072023	Units: mg/L		Analysis Date: 09-Mar-2023 14:55					
Client ID:	Run ID: TOC_05_429712	SeqNo: 7164630		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Organic Carbon, Total	10.61	1.00	10	0	106	85 - 115			
LCSD	Sample ID: LCSD-03072023	Units: mg/L		Analysis Date: 09-Mar-2023 15:09					
Client ID:	Run ID: TOC_05_429712	SeqNo: 7164631		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Organic Carbon, Total	10.73	1.00	10	0	107	85 - 115	10.61	1.12	20
MS	Sample ID: HS23030106-01MS	Units: mg/L		Analysis Date: 09-Mar-2023 15:54					
Client ID:	Run ID: TOC_05_429712	SeqNo: 7164633		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Organic Carbon, Total	25.81	1.00	10	13.57	122	80 - 120			S
The following samples were analyzed in this batch:									
HS23030151-01 HS23030151-05									

ALS Houston, US

Date: 09-Mar-23

Client: Permian Basin Environmental Lab, LP
Project: 3C01002
WorkOrder: HS23030151

**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: 09-Mar-23

CERTIFICATIONS,ACCREDITATIONS & LICENSES

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

ALS Houston, US

Date: 09-Mar-23

Sample Receipt Checklist

Work Order ID: HS23030151

Date/Time Received: 02-Mar-2023 10:20

Client Name: Permian Basin Lab

Received by: Corey Grandits

Completed By: /S/ Paresh M. Giga	02-Mar-2023 18:54	Reviewed by: /S/ Anna Kinchen	03-Mar-2023 16:35
eSignature	Date/Time	eSignature	Date/Time

Matrices: WaterCarrier name: FedEx Priority Overnight

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☒
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☒
Chain of custody present?	Yes ☒	No ☐	1 Page(s)
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	COC IDs:V2
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):	3.1C/2.6C U/c IR31		
Cooler(s)/Kit(s):	Red		
Date/Time sample(s) sent to storage:	3/2/23 19:05		
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
PBELAB_SUB_COC_V2

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

HS23030151

Permian Basin Environmental Lab, LP
3C01002



Project Name: SUBCONTRACT
Project #: _____
Project Loc: _____
PO #: _____
Report Format: ☒ Standard ☐ TRRP ☐ NPDES

e-mail: brentbarron@pbelab.com

ORDER #:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			

SPECIAL INSTRUCTIONS:

MD REP IRV 3.16

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: °C Adjusted: °C Factor
Brent Barron	3/1/23	17:00				
Relinquished by:	Date	Time	Received by:	Date	Time	
				3-2-23	10:26	
Relinquished by:	Date	Time	Received by:	Date	Time	

ORIGIN ID:MAEA (432) 686-7235
BRENT BARRON
PRE LAB
1400 RANKIN HWY
MIDLAND, TX 79701
UNITED STATES US

SHIP DATE: 01MAR23
ACTWGT: 15.00 LB
COD: 10713864INET4580
BILL RECIPIENT

TO SAMPLE RECEIVING
ALS-HOUSTON
10450 STANCLIFF RD
HOUSTON TX 77099
(281) 530-5615
R/R
F/O

DEPT:

581J79982FE2D

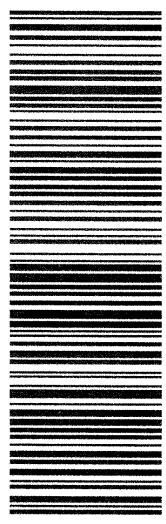


J221822011181us

TRK# 7714 4083 4820
0201

THU - 02 MAR 4:30P
STANDARD OVERNIGHT

AB SCRA
TX-US
77099
IAH



After printing this label:

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number. Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on [fedex.com](https://www.fedex.com). FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.



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

March 17, 2023

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

Work Order: **HS23030772**

Laboratory Results for: **3C01002**

Dear Brent Barron,

ALS Environmental received 6 sample(s) on Mar 14, 2023 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

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

Generated By: DAYNA.FISHER
Anna Kinchen
Project Manager

ALS Houston, US

Date: 17-Mar-23

Client: Permian Basin Environmental Lab, LP
Project: 3C01002
Work Order: HS23030772

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS23030772-01	3C01002-01	Water		28-Feb-2023 11:40	14-Mar-2023 09:30	☐
HS23030772-02	3C01002-02	Water		28-Feb-2023 12:52	14-Mar-2023 09:30	☐
HS23030772-03	3C01002-03	Water		28-Feb-2023 13:39	14-Mar-2023 09:30	☐
HS23030772-04	3C01002-04	Water		28-Feb-2023 14:33	14-Mar-2023 09:30	☐
HS23030772-05	3C01002-05	Water		28-Feb-2023 15:25	14-Mar-2023 09:30	☐
HS23030772-06	3C01002-06	Water		28-Feb-2023 16:45	14-Mar-2023 09:30	☐

ALS Houston, US

Date: 17-Mar-23

Client: Permian Basin Environmental Lab, LP
Project: 3C01002
Work Order: HS23030772

CASE NARRATIVE

Metals by Method SW6020A

Batch ID: 190918

Sample ID: 3C01002-05 (HS23030772-05)

- The reporting limit(s) is/are elevated due to dilution for high concentrations of non-target analytes.

ALS Houston, US

Date: 17-Mar-23

Client:	Permian Basin Environmental Lab, LP	ANALYTICAL REPORT
Project:	3C01002	WorkOrder:HS23030772
Sample ID:	3C01002-01	Lab ID:HS23030772-01
Collection Date:	28-Feb-2023 11:40	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED METALS BY SW6020A	Method:SW6020A (dissolved)			Prep:SW3010A / 16-Mar-2023		Analyst: JC
Iron	ND		0.200	mg/L	1	16-Mar-2023 22:40
Manganese	0.0484		0.00500	mg/L	1	16-Mar-2023 22:40

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

ALS Houston, US

Date: 17-Mar-23

Client:	Permian Basin Environmental Lab, LP	ANALYTICAL REPORT
Project:	3C01002	WorkOrder:HS23030772
Sample ID:	3C01002-02	Lab ID:HS23030772-02
Collection Date:	28-Feb-2023 12:52	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED METALS BY SW6020A	Method:SW6020A (dissolved)			Prep:SW3010A / 16-Mar-2023		Analyst: JC
Iron	ND		0.200	mg/L	1	16-Mar-2023 22:43
Manganese	0.0211		0.00500	mg/L	1	16-Mar-2023 22:43

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

ALS Houston, US

Date: 17-Mar-23

Client:	Permian Basin Environmental Lab, LP	ANALYTICAL REPORT
Project:	3C01002	WorkOrder:HS23030772
Sample ID:	3C01002-03	Lab ID:HS23030772-03
Collection Date:	28-Feb-2023 13:39	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED METALS BY SW6020A	Method:SW6020A (dissolved)			Prep:SW3010A / 16-Mar-2023		Analyst: JC
Iron	0.247		0.200	mg/L	1	16-Mar-2023 22:45
Manganese	0.0226		0.00500	mg/L	1	16-Mar-2023 22:45

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

ALS Houston, US

Date: 17-Mar-23

Client:	Permian Basin Environmental Lab, LP	ANALYTICAL REPORT
Project:	3C01002	WorkOrder:HS23030772
Sample ID:	3C01002-04	Lab ID:HS23030772-04
Collection Date:	28-Feb-2023 14:33	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED METALS BY SW6020A	Method:SW6020A (dissolved)			Prep:SW3010A / 16-Mar-2023		Analyst: JC
Iron	ND		0.200	mg/L	1	16-Mar-2023 22:47
Manganese	0.00693		0.00500	mg/L	1	16-Mar-2023 22:47

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

ALS Houston, US

Date: 17-Mar-23

Client:	Permian Basin Environmental Lab, LP	ANALYTICAL REPORT
Project:	3C01002	WorkOrder:HS23030772
Sample ID:	3C01002-05	Lab ID:HS23030772-05
Collection Date:	28-Feb-2023 15:25	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED METALS BY SW6020A	Method:SW6020A (dissolved)			Prep:SW3010A / 16-Mar-2023		Analyst: JC
Iron	ND		0.400	mg/L	2	17-Mar-2023 11:49
Manganese	0.0181		0.0100	mg/L	2	17-Mar-2023 11:49

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

ALS Houston, US

Date: 17-Mar-23

Client:Permian Basin Environmental Lab, LP

Project:3C01002

Sample ID:3C01002-06

Collection Date:28-Feb-2023 16:45

ANALYTICAL REPORT

WorkOrder:HS23030772

Lab ID:HS23030772-06

Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED METALS BY SW6020A	Method:SW6020A (dissolved)			Prep:SW3010A / 16-Mar-2023		Analyst: JC
Iron	ND		0.200	mg/L	1	16-Mar-2023 22:51
Manganese	0.0107		0.00500	mg/L	1	16-Mar-2023 22:51

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

Weight / Prep Log

Client: Permian Basin Environmental Lab, LP
Project: 3C01002
WorkOrder: HS23030772

Batch ID: 190918	Start Date: 16 Mar 2023 13:30	End Date: 16 Mar 2023 17:30
Method: DISS METALS PREP - WATER - SW3010A	Prep Code: 3010A DISS	

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS23030772-01		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23030772-02		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23030772-03		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23030772-04		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23030772-05		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23030772-06		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2

ALS Houston, US

Date: 17-Mar-23

Client: Permian Basin Environmental Lab, LP
Project: 3C01002
WorkOrder: HS23030772

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 190918 (0)		Test Name : DISSOLVED METALS BY SW6020A			Matrix: Water	
HS23030772-01	3C01002-01	28 Feb 2023 11:40		16 Mar 2023 13:30	16 Mar 2023 22:40	1
HS23030772-02	3C01002-02	28 Feb 2023 12:52		16 Mar 2023 13:30	16 Mar 2023 22:43	1
HS23030772-03	3C01002-03	28 Feb 2023 13:39		16 Mar 2023 13:30	16 Mar 2023 22:45	1
HS23030772-04	3C01002-04	28 Feb 2023 14:33		16 Mar 2023 13:30	16 Mar 2023 22:47	1
HS23030772-05	3C01002-05	28 Feb 2023 15:25		16 Mar 2023 13:30	17 Mar 2023 11:49	2
HS23030772-06	3C01002-06	28 Feb 2023 16:45		16 Mar 2023 13:30	16 Mar 2023 22:51	1

ALS Houston, US

Date: 17-Mar-23

Client: Permian Basin Environmental Lab, LP
Project: 3C01002
WorkOrder: HS23030772

QC BATCH REPORT

Batch ID: 190918 (0)		Instrument: ICPMS06		Method: DISSOLVED METALS BY SW6020A (DISSOLVED)					
MBLK	Sample ID: MBLK-190918	Units: mg/L		Analysis Date: 16-Mar-2023 22:16					
Client ID:	Run ID: ICPMS06_430176	SeqNo: 7178375		PrepDate: 16-Mar-2023		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Iron	ND	0.200							
Manganese	ND	0.00500							
LCS	Sample ID: LCS-190918	Units: mg/L		Analysis Date: 16-Mar-2023 22:18					
Client ID:	Run ID: ICPMS06_430176	SeqNo: 7178376		PrepDate: 16-Mar-2023		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Iron	5.156	0.200	5	0	103	80 - 120			
Manganese	0.05161	0.00500	0.05	0	103	80 - 120			
MS	Sample ID: HS23030777-01MS	Units: mg/L		Analysis Date: 16-Mar-2023 22:24					
Client ID:	Run ID: ICPMS06_430176	SeqNo: 7178379		PrepDate: 16-Mar-2023		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Iron	5.411	0.200	5	0.0491	107	75 - 125			
Manganese	0.0589	0.00500	0.05	0.006235	105	75 - 125			
MSD	Sample ID: HS23030777-01MSD	Units: mg/L		Analysis Date: 16-Mar-2023 22:27					
Client ID:	Run ID: ICPMS06_430176	SeqNo: 7178380		PrepDate: 16-Mar-2023		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Iron	5.353	0.200	5	0.0491	106	75 - 125	5.411	1.07	20
Manganese	0.05923	0.00500	0.05	0.006235	106	75 - 125	0.0589	0.564	20
PDS	Sample ID: HS23030777-01PDS	Units: mg/L		Analysis Date: 16-Mar-2023 22:29					
Client ID:	Run ID: ICPMS06_430176	SeqNo: 7178381		PrepDate: 16-Mar-2023		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Iron	10.92	0.200	10	0.0491	109	75 - 125			
Manganese	0.1115	0.00500	0.1	0.006235	105	75 - 125			

ALS Houston, US

Date: 17-Mar-23

Client: Permian Basin Environmental Lab, LP
Project: 3C01002
WorkOrder: HS23030772

QC BATCH REPORT

Batch ID: 190918 (0)		Instrument: ICPMS06		Method: DISSOLVED METALS BY SW6020A (DISSOLVED)						
SD	Sample ID: HS23030777-01SD		Units: mg/L		Analysis Date: 16-Mar-2023 22:22					
Client ID:	Run ID: ICPMS06_430176		SeqNo: 7178378		PrepDate: 16-Mar-2023		DF: 5			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	%D Limit Qual	
Iron	ND	1.00					0.0491	0	10	
Manganese	0.00645	0.0250					0.006235	0	10	
The following samples were analyzed in this batch:										
		HS23030772-01	HS23030772-02	HS23030772-03		HS23030772-04				
		HS23030772-05	HS23030772-06							

ALS Houston, US

Date: 17-Mar-23

Client: Permian Basin Environmental Lab, LP
Project: 3C01002
WorkOrder: HS23030772

**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: 17-Mar-23

CERTIFICATIONS,ACCREDITATIONS & LICENSES

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

ALS Houston, US

Date: 17-Mar-23

Sample Receipt Checklist

Work Order ID: HS23030772

Date/Time Received: 14-Mar-2023 09:30

Client Name: Permian Basin Lab

Received by: Corey Grandits

Completed By: /S/ Nilesch D. Ranchod	14-Mar-2023 14:38	Reviewed by: /S/ Anna Kinchen	14-Mar-2023 18:19
eSignature	Date/Time	eSignature	Date/Time

Matrices: WaterCarrier name: FedEx Priority Overnight

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☒
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☒
Chain of custody present?	Yes ☒	No ☐	1 Page(s)
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	COC IDs: SUB_COC_V2
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):	21.2C/20.7C UC/C IR 31		
Cooler(s)/Kit(s):	Foam		
Date/Time sample(s) sent to storage:	03/14/2023 15:30		
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
4400 Franklin 18104

Phone: 432-686-7235
PBELAB SUB COC V2

HS23030772

Permian Basin Environmental Lab, LP
3C01002

Project Name: SUBCONTRACT

Project #:

Project Loc:

PO #:

Project Manager: Brent Barron

Company Name PBEL

Company Address: 1400 Rankin HWY

City/State/Zip: Midland Texas 79701

Telephone No: 432-661-4184

Fax No:

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

Sampler Signature: N/A

e-mail: brentbarron@pbelab.com

[illegible]

Foam

MAR 14 2023

ORIGIN ID:MAFA (432) 686-7235
BRENT BARRON
PBE LAB
1400 RANKIN HWY

SHIP DATE: 13MAR23
ACTWGT: 35.00 LB
CAD: 107136846/INET4580

MIDLAND, TX 79701
UNITED STATES US

BILL RECIPIENT

TO SAMPLE RECEIVING
ALS-HOUSTON
10450 STANCLIFF RD

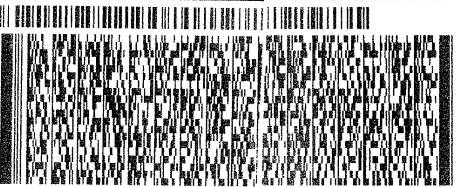
HOUSTON TX 77099

(281) 530-5615

REF

INFO

DEPT



FedEx
Express



581J7690FE20

FedEx Ship Manager - Print Your Label(s)

TUE - 14 MAR 4:30P

STANDARD OVERNIGHT

TRK# 7715 5084 8658
0201

AB SGRA

77099

TX-US

IAH



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



Analytical Report

Prepared for:

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

Project: 97-17
Project Number: TNM 97-17
Location: Lea County New Mexico
Lab Order Number: 3C03009



Current Certification

Report Date: 04/06/23

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-20	3C03009-01	Water	03/02/23 00:00	03-03-2023 09:30
RW-1	3C03009-02	Water	03/02/23 00:00	03-03-2023 09:30
MW-15	3C03009-03	Water	03/02/23 00:00	03-03-2023 09:30
RW-6	3C03009-04	Water	03/02/23 00:00	03-03-2023 09:30
MW-14	3C03009-05	Water	03/02/23 00:00	03-03-2023 09:30
RW-4	3C03009-06	Water	03/02/23 00:00	03-03-2023 09:30

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

MW-20
3C03009-01 (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	P3C0707	03/07/23 13:39	03/07/23 19:09	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 19:09	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 19:09	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 19:09	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 19:09	EPA 8021B
Surrogate: 4-Bromofluorobenzene	98.7 %		80-120		P3C0707	03/07/23 13:39	03/07/23 19:09	EPA 8021B
Surrogate: 1,4-Difluorobenzene	93.5 %		80-120		P3C0707	03/07/23 13:39	03/07/23 19:09	EPA 8021B

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

RW-1
3C03009-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC									
Benzene	0.00161	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 19:30	EPA 8021B	
Toluene	0.00244	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 19:30	EPA 8021B	
Ethylbenzene	0.0144	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 19:30	EPA 8021B	
Xylene (p/m)	0.0122	0.00200	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 19:30	EPA 8021B	
Xylene (o)	0.00647	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 19:30	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	103 %	80-120			P3C0707	03/07/23 13:39	03/07/23 19:30	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	91.6 %	80-120			P3C0707	03/07/23 13:39	03/07/23 19:30	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

MW-15
3C03009-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC									
Benzene	0.00955	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 19:51	EPA 8021B	
Toluene	0.0136	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 19:51	EPA 8021B	
Ethylbenzene	0.0374	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 19:51	EPA 8021B	
Xylene (p/m)	0.0819	0.00200	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 19:51	EPA 8021B	
Xylene (o)	0.0392	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 19:51	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	115 %	80-120			P3C0707	03/07/23 13:39	03/07/23 19:51	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	92.6 %	80-120			P3C0707	03/07/23 13:39	03/07/23 19:51	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

RW-6
3C03009-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC									
Benzene	0.0730	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 20:13	EPA 8021B	
Toluene	0.00943	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 20:13	EPA 8021B	
Ethylbenzene	0.0191	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 20:13	EPA 8021B	
Xylene (p/m)	0.0257	0.00200	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 20:13	EPA 8021B	
Xylene (o)	0.0132	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 20:13	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	96.8 %		80-120		P3C0707	03/07/23 13:39	03/07/23 20:13	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	83.0 %		80-120		P3C0707	03/07/23 13:39	03/07/23 20:13	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

MW-14
3C03009-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC									
Benzene	0.207	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 21:17	EPA 8021B	
Toluene	0.00214	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 21:17	EPA 8021B	
Ethylbenzene	0.163	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 21:17	EPA 8021B	
Xylene (p/m)	0.0438	0.00200	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 21:17	EPA 8021B	
Xylene (o)	0.0131	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 21:17	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	107 %	80-120			P3C0707	03/07/23 13:39	03/07/23 21:17	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	91.9 %	80-120			P3C0707	03/07/23 13:39	03/07/23 21:17	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

RW-4
3C03009-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC									
Benzene	0.0204	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 21:39	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 21:39	EPA 8021B	
Ethylbenzene	0.00371	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 21:39	EPA 8021B	
Xylene (p/m)	0.00250	0.00200	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 21:39	EPA 8021B	
Xylene (o)	0.00198	0.00100	mg/L	1	P3C0707	03/07/23 13:39	03/07/23 21:39	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	103 %	80-120			P3C0707	03/07/23 13:39	03/07/23 21:39	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	91.6 %	80-120			P3C0707	03/07/23 13:39	03/07/23 21:39	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3C0707 - *** DEFAULT PREP ***

Blank (P3C0707-BLK1)		Prepared & Analyzed: 03/07/23								
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	0.121		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.6	80-120			

LCS (P3C0707-BS1)		Prepared & Analyzed: 03/07/23								
Benzene	0.0961	0.00100	mg/L	0.100		96.1	80-120			
Toluene	0.0964	0.00100	"	0.100		96.4	80-120			
Ethylbenzene	0.109	0.00100	"	0.100		109	80-120			
Xylene (p/m)	0.210	0.00200	"	0.200		105	80-120			
Xylene (o)	0.0958	0.00100	"	0.100		95.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.5	80-120			

LCS Dup (P3C0707-BSD1)		Prepared & Analyzed: 03/07/23								
Benzene	0.0964	0.00100	mg/L	0.100		96.4	80-120	0.384	20	
Toluene	0.0967	0.00100	"	0.100		96.7	80-120	0.238	20	
Ethylbenzene	0.110	0.00100	"	0.100		110	80-120	0.742	20	
Xylene (p/m)	0.213	0.00200	"	0.200		106	80-120	1.35	20	
Xylene (o)	0.0973	0.00100	"	0.100		97.3	80-120	1.53	20	
Surrogate: 4-Bromofluorobenzene	0.126		"	0.120		105	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.4	80-120			

Calibration Blank (P3C0707-CCB1)		Prepared & Analyzed: 03/07/23								
Benzene	0.280		ug/l							
Toluene	0.290		"							
Ethylbenzene	0.690		"							
Xylene (p/m)	1.22		"							
Xylene (o)	0.700		"							
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.1	80-120			

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3C0707 - *** DEFAULT PREP ***

Calibration Blank (P3C0707-CCB2)				Prepared & Analyzed: 03/07/23						
Benzene	0.330		ug/l							
Toluene	0.350		"							
Ethylbenzene	0.510		"							
Xylene (p/m)	0.930		"							
Xylene (o)	0.780		"							
Surrogate: 4-Bromofluorobenzene	0.126		"	0.120		105	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.7	80-120			

Calibration Check (P3C0707-CCV1)				Prepared & Analyzed: 03/07/23						
Benzene	0.106	0.00100	mg/L	0.100		106	80-120			
Toluene	0.106	0.00100	"	0.100		106	80-120			
Ethylbenzene	0.114	0.00100	"	0.100		114	80-120			
Xylene (p/m)	0.231	0.00200	"	0.200		116	80-120			
Xylene (o)	0.107	0.00100	"	0.100		107	80-120			
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		96.1	80-120			

Calibration Check (P3C0707-CCV2)				Prepared & Analyzed: 03/07/23						
Benzene	0.0866	0.00100	mg/L	0.100		86.6	80-120			
Toluene	0.0853	0.00100	"	0.100		85.3	80-120			
Ethylbenzene	0.0894	0.00100	"	0.100		89.4	80-120			
Xylene (p/m)	0.179	0.00200	"	0.200		89.7	80-120			
Xylene (o)	0.0865	0.00100	"	0.100		86.5	80-120			
Surrogate: 4-Bromofluorobenzene	0.126		"	0.120		105	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.9	80-120			

Calibration Check (P3C0707-CCV3)				Prepared & Analyzed: 03/07/23						
Benzene	0.0973	0.00100	mg/L	0.100		97.3	80-120			
Toluene	0.0955	0.00100	"	0.100		95.5	80-120			
Ethylbenzene	0.101	0.00100	"	0.100		101	80-120			
Xylene (p/m)	0.205	0.00200	"	0.200		103	80-120			
Xylene (o)	0.0968	0.00100	"	0.100		96.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.126		"	0.120		105	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.6	80-120			

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3C0707 - *** DEFAULT PREP ***

Matrix Spike (P3C0707-MS1)		Source: 3C01002-01			Prepared & Analyzed: 03/07/23					
Benzene	0.0998	0.00100	mg/L	0.100	ND	99.8	80-120			
Toluene	0.0976	0.00100	"	0.100	ND	97.6	80-120			
Ethylbenzene	0.110	0.00100	"	0.100	ND	110	80-120			
Xylene (p/m)	0.212	0.00200	"	0.200	ND	106	80-120			
Xylene (o)	0.0974	0.00100	"	0.100	ND	97.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.125		"	0.120		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.4	80-120			
Matrix Spike Dup (P3C0707-MSD1)		Source: 3C01002-01			Prepared & Analyzed: 03/07/23					
Benzene	0.113	0.00100	mg/L	0.100	ND	113	80-120	12.8	20	QM-05
Toluene	0.111	0.00100	"	0.100	ND	111	80-120	12.5	20	
Ethylbenzene	0.123	0.00100	"	0.100	ND	123	80-120	11.0	20	
Xylene (p/m)	0.236	0.00200	"	0.200	ND	118	80-120	10.8	20	
Xylene (o)	0.109	0.00100	"	0.100	ND	109	80-120	11.3	20	
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.2	80-120			

Permian Basin Environmental Lab, L.P.

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

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

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

Notes and Definitions

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

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:

4/6/2023

Brent Barron, Laboratory Director/Technical Director

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

Permian Basin Environmental Lab, L.P.

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

PBBLAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235

Page 1

Project Manager: Curt StanleyProject Name: 97-17

Page 13 of 13

Company Name: TRC Environmental CorporationProject #: SRS: TNM 97-17Company Address: 10 Desta Drive, Ste 130EProject Loc: Lea County, NMCity/State/Zip: Midland TX 79705

PO #:

Telephone No: (432) 520-7720Report Format: ☒ Standard ☐ TRRP ☐ NPDESSampler Signature: *[Signature]*e-mail: cdstanley@trccompanies.com
cibryant@paalp.com
khudgens@paalp.com

(lab use only)

ORDER #:

3003009

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None	Other (Specify)	DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Matrix	TOC MW 5310	Dissolved Methane, Ethane, and Ethene by RSK-175	Total Dissolved Metals (Fe and Mn) by SW 6010	Nitrate and Sulfate by E300	COD by SM 5310	Total BTEX by 8260	TCLP: TOTAL: X	Analyze For:	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	MW-20			3-1-23	1110	1	3	X		3						GW	GW										X
2	RW-1				1142	1	3	X		3						GW	GW										X
3	MW-15				1205	1	3	X		3						GW	GW										X
4	RW-6				1231	1	3	X		3						GW	GW										X
5	MW-14				1250	1	3	X		3						GW	GW										X
6	RW-4				1317	1	3	X		3						GW	GW										X
	RW-5					1	3	X		3						GW	GW										X
	MW-4					1	3	X		3						GW	GW										X
	MW-6					1	3	X		3						GW	GW										X

Special instructions:

BILL TO PLAINS

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

**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_MNA
Project Number: TNM 97-17
Location: Lea County, NM
Lab Order Number: 3E12007



Current Certification

Report Date: 05/31/23

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-25	3E12007-01	Water	05/11/23 11:10	05-12-2023 09:01
MW-11	3E12007-02	Water	05/11/23 11:57	05-12-2023 09:01
RW-3	3E12007-03	Water	05/11/23 12:48	05-12-2023 09:01
MW-5	3E12007-04	Water	05/11/23 13:25	05-12-2023 09:01
MW-19	3E12007-05	Water	05/11/23 14:42	05-12-2023 09:01
MW-7	3E12007-06	Water	05/11/23 15:38	05-12-2023 09:01

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

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

MW-25
3E12007-01 (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	P3E1605	05/16/23 13:11	05/17/23 02:24	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 02:24	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 02:24	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 02:24	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 02:24	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	101 %		80-120		P3E1605	05/16/23 13:11	05/17/23 02:24	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	97.8 %		80-120		P3E1605	05/16/23 13:11	05/17/23 02:24	EPA 8021B	
Ethane	ND	0.000144	mg/L	1	P3E2409	05/23/23 14:48	05/23/23 14:48	8015M	SUB-13
Ethene	ND	0.00234	mg/L	1	P3E2409	05/23/23 14:48	05/23/23 14:48	8015M	SUB-13
Methane	0.0822	0.00535	mg/L	1	P3E2409	05/23/23 14:48	05/23/23 16:06	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	79.0	2.00	mg/L	1	P3E2309	05/23/23 07:54	05/24/23 13:00	8000	QAL1
Nitrate as N	ND	2.00	mg/L	10	P3E1206	05/12/23 13:20	05/12/23 20:41	EPA 300.0	
Sulfate	1640	100	mg/L	100	P3E1206	05/12/23 13:20	05/12/23 16:20	EPA 300.0	
Total Organic Carbon	118	10.0	mg/L	1	P3E2409	05/19/23 23:15	05/19/23 23:15	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P3E2409	05/17/23 10:30	05/22/23 21:49	EPA 6020A	SUB-13
Manganese	0.0454	0.00500	mg/L	1	P3E2409	05/22/23 13:30	05/22/23 21:49	EPA 6020A	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_MNA
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW-11
3E12007-02 (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	P3E1605	05/16/23 13:11	05/17/23 02:45	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 02:45	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 02:45	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 02:45	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 02:45	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	103 %		80-120		P3E1605	05/16/23 13:11	05/17/23 02:45	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	95.6 %		80-120		P3E1605	05/16/23 13:11	05/17/23 02:45	EPA 8021B	
Ethane	ND	0.000144	mg/L	1	P3E2409	05/23/23 14:48	05/23/23 15:11	8015M	SUB-13
Ethene	ND	0.00234	mg/L	1	P3E2409	05/23/23 14:48	05/23/23 15:11	8015M	SUB-13
Methane	0.000982	0.000177	mg/L	1	P3E2409	05/23/23 14:48	05/23/23 15:11	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	34.0	2.00	mg/L	1	P3E2309	05/23/23 07:54	05/24/23 13:00	8000	QAL1
Nitrate as N	ND	2.00	mg/L	10	P3E1206	05/12/23 13:20	05/12/23 22:08	EPA 300.0	
Sulfate	2230	100	mg/L	100	P3E1206	05/12/23 13:20	05/12/23 17:47	EPA 300.0	
Total Organic Carbon	ND	10.0	mg/L	1	P3E2409	05/19/23 23:27	05/19/23 23:27	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P3E2409	05/17/23 10:30	05/22/23 21:51	EPA 6020A	SUB-13
Manganese	0.0231	0.00500	mg/L	1	P3E2409	05/22/23 13:30	05/22/23 21:51	EPA 6020A	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_MNA
Project Number: TNM 97-17
Project Manager: Curt Stanley

RW-3
3E12007-03 (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	P3E1605	05/16/23 13:11	05/17/23 03:05	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 03:05	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 03:05	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 03:05	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 03:05	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	105 %	80-120			P3E1605	05/16/23 13:11	05/17/23 03:05	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	95.0 %	80-120			P3E1605	05/16/23 13:11	05/17/23 03:05	EPA 8021B	
Ethane	0.00101	0.000144	mg/L	1	P3E2409	05/23/23 14:48	05/23/23 15:22	8015M	SUB-13
Ethene	ND	0.00234	mg/L	1	P3E2409	05/23/23 14:48	05/23/23 15:22	8015M	SUB-13
Methane	0.0448	0.00214	mg/L	1	P3E2409	05/23/23 14:48	05/23/23 16:21	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	54.0	2.00	mg/L	1	P3E2309	05/23/23 07:54	05/24/23 13:00	8000	QAL1
Nitrate as N	ND	2.00	mg/L	10	P3E1206	05/12/23 13:20	05/12/23 22:37	EPA 300.0	
Sulfate	3260	100	mg/L	100	P3E1206	05/12/23 13:20	05/12/23 18:16	EPA 300.0	
Total Organic Carbon	ND	10.0	mg/L	1	P3E2409	05/19/23 23:39	05/19/23 23:39	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	0.326	0.200	mg/L	1	P3E2409	05/17/23 10:30	05/22/23 21:53	EPA 6020A	SUB-13
Manganese	0.0193	0.00500	mg/L	1	P3E2409	05/22/23 13:30	05/22/23 21:53	EPA 6020A	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_MNA
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW-5
3E12007-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.00463	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 03:26	EPA 8021B	
Toluene	0.00146	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 03:26	EPA 8021B	
Ethylbenzene	0.00125	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 03:26	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 03:26	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 03:26	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	101 %	80-120			P3E1605	05/16/23 13:11	05/17/23 03:26	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	92.8 %	80-120			P3E1605	05/16/23 13:11	05/17/23 03:26	EPA 8021B	
Ethane	ND	0.000144	mg/L	1	P3E2409	05/23/23 14:48	05/23/23 15:32	8015M	SUB-13
Ethene	ND	0.00234	mg/L	1	P3E2409	05/23/23 14:48	05/23/23 15:32	8015M	SUB-13
Methane	0.349	0.00214	mg/L	1	P3E2409	05/23/23 14:48	05/23/23 17:49	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	73.0	2.00	mg/L	1	P3E2309	05/23/23 07:54	05/24/23 13:00	8000	QAL1
Nitrate as N	ND	2.00	mg/L	10	P3E1206	05/12/23 13:20	05/12/23 23:06	EPA 300.0	
Sulfate	3080	100	mg/L	100	P3E1206	05/12/23 13:20	05/12/23 18:45	EPA 300.0	
Total Organic Carbon	20.2	10.0	mg/L	1	P3E2409	05/20/23 00:18	05/20/23 00:18	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P3E2409	05/17/23 10:30	05/22/23 21:55	EPA 6020A	SUB-13
Manganese	ND	0.00500	mg/L	1	P3E2409	05/22/23 13:30	05/22/23 21:55	EPA 6020A	SUB-13

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

MW-19
3E12007-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.197	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 03:46	EPA 8021B	
Toluene	0.00227	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 03:46	EPA 8021B	
Ethylbenzene	0.00567	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 03:46	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 03:46	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 03:46	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	102 %	80-120			P3E1605	05/16/23 13:11	05/17/23 03:46	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	89.5 %	80-120			P3E1605	05/16/23 13:11	05/17/23 03:46	EPA 8021B	
Ethane	ND	0.000144	mg/L	1	P3E2409	05/23/23 14:48	05/23/23 15:44	8015M	SUB-13
Ethene	ND	0.00234	mg/L	1	P3E2409	05/23/23 14:48	05/23/23 15:44	8015M	SUB-13
Methane	3.60	0.00214	mg/L	1	P3E2409	05/23/23 14:48	05/23/23 17:59	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	637	20.0	mg/L	1	P3E2507	05/24/23 14:00	05/25/23 13:50	8000	QAL1
Nitrate as N	ND	1.00	mg/L	5	P3E1206	05/12/23 13:20	05/12/23 23:35	EPA 300.0	
Sulfate	1150	50.0	mg/L	50	P3E1206	05/12/23 13:20	05/12/23 19:14	EPA 300.0	
Total Organic Carbon	198	10.0	mg/L	1	P3E2409	05/20/23 00:32	05/20/23 00:32	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P3E2409	05/17/23 10:30	05/22/23 21:57	EPA 6020A	SUB-13
Manganese	0.0144	0.00500	mg/L	1	P3E2409	05/22/23 13:30	05/22/23 21:57	EPA 6020A	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_MNA
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW-7
3E12007-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.257	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 04:07	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 04:07	EPA 8021B	
Ethylbenzene	0.00579	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 04:07	EPA 8021B	
Xylene (p/m)	0.00260	0.00200	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 04:07	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 04:07	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	99.3 %	80-120			P3E1605	05/16/23 13:11	05/17/23 04:07	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	95.3 %	80-120			P3E1605	05/16/23 13:11	05/17/23 04:07	EPA 8021B	
Ethane	ND	0.000144	mg/L	1	P3E2409	05/23/23 14:48	05/23/23 15:54	8015M	SUB-13
Ethene	ND	0.00234	mg/L	1	P3E2409	05/23/23 14:48	05/23/23 15:54	8015M	SUB-13
Methane	0.576	0.0535	mg/L	1	P3E2409	05/23/23 14:48	05/23/23 18:12	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	69.0	2.00	mg/L	1	P3E1712	05/17/23 16:08	05/25/23 13:16	8000	QAL1
Nitrate as N	ND	2.00	mg/L	10	P3E1206	05/12/23 13:20	05/13/23 00:04	EPA 300.0	
Sulfate	2910	100	mg/L	100	P3E1206	05/12/23 13:20	05/12/23 19:43	EPA 300.0	
Total Organic Carbon	28.1	10.0	mg/L	1	P3E2409	05/20/23 00:44	05/20/23 00:44	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P3E2409	05/17/23 10:30	05/22/23 21:59	EPA 6020A	SUB-13
Manganese	0.0107	0.00500	mg/L	1	P3E2409	05/22/23 13:30	05/22/23 21:59	EPA 6020A	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_MNA
Project Number: TNM 97-17
Project Manager: Curt Stanley

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

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

Batch P3E1605 - * DEFAULT PREP *****

Blank (P3E1605-BLK1)

Prepared: 05/16/23 Analyzed: 05/17/23

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	0.122		"	0.120		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.2	80-120			

LCS (P3E1605-BS1)

Prepared: 05/16/23 Analyzed: 05/17/23

Benzene	0.0993	0.00100	mg/L	0.100		99.3	80-120			
Toluene	0.0997	0.00100	"	0.100		99.7	80-120			
Ethylbenzene	0.104	0.00100	"	0.100		104	80-120			
Xylene (p/m)	0.205	0.00200	"	0.200		103	80-120			
Xylene (o)	0.0981	0.00100	"	0.100		98.1	80-120			
Surrogate: 4-Bromofluorobenzene	0.129		"	0.120		107	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.2	80-120			

LCS Dup (P3E1605-BSD1)

Prepared: 05/16/23 Analyzed: 05/17/23

Benzene	0.104	0.00100	mg/L	0.100		104	80-120	4.75	20	
Toluene	0.106	0.00100	"	0.100		106	80-120	6.34	20	
Ethylbenzene	0.112	0.00100	"	0.100		112	80-120	7.69	20	
Xylene (p/m)	0.220	0.00200	"	0.200		110	80-120	7.00	20	
Xylene (o)	0.104	0.00100	"	0.100		104	80-120	5.65	20	
Surrogate: 4-Bromofluorobenzene	0.129		"	0.120		107	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.3	80-120			

Calibration Blank (P3E1605-CCB1)

Prepared & Analyzed: 05/16/23

Benzene	0.100		ug/l							
Toluene	0.370		"							
Ethylbenzene	0.310		"							
Xylene (p/m)	0.590		"							
Xylene (o)	0.530		"							
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.7	80-120			

Permian Basin Environmental Lab, L.P.

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

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

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3E1605 - *** DEFAULT PREP ***

Calibration Blank (P3E1605-CCB2)				Prepared: 05/16/23 Analyzed: 05/17/23						
Benzene	0.190		ug/l							
Toluene	0.330		"							
Ethylbenzene	0.300		"							
Xylene (p/m)	0.630		"							
Xylene (o)	0.470		"							
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		94.8	80-120			

Calibration Check (P3E1605-CCV1)				Prepared & Analyzed: 05/16/23						
Benzene	0.113	0.00100	mg/L	0.100		113	80-120			
Toluene	0.114	0.00100	"	0.100		114	80-120			
Ethylbenzene	0.110	0.00100	"	0.100		110	80-120			
Xylene (p/m)	0.225	0.00200	"	0.200		113	80-120			
Xylene (o)	0.110	0.00100	"	0.100		110	80-120			
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		98.9	80-120			

Calibration Check (P3E1605-CCV2)				Prepared: 05/16/23 Analyzed: 05/17/23						
Benzene	0.116	0.00100	mg/L	0.100		116	80-120			
Toluene	0.115	0.00100	"	0.100		115	80-120			
Ethylbenzene	0.112	0.00100	"	0.100		112	80-120			
Xylene (p/m)	0.229	0.00200	"	0.200		115	80-120			
Xylene (o)	0.114	0.00100	"	0.100		114	80-120			
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.8	80-120			

Calibration Check (P3E1605-CCV3)				Prepared: 05/16/23 Analyzed: 05/17/23						
Benzene	0.107	0.00100	mg/L	0.100		107	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.100	0.00100	"	0.100		100	80-120			
Xylene (p/m)	0.205	0.00200	"	0.200		102	80-120			
Xylene (o)	0.102	0.00100	"	0.100		102	80-120			
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.8	80-120			

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3E1605 - *** DEFAULT PREP ***

Matrix Spike (P3E1605-MS1)		Source: 3E12007-01		Prepared: 05/16/23		Analyzed: 05/17/23				
Benzene	0.113	0.00100	mg/L	0.100	ND	113	80-120			
Toluene	0.112	0.00100	"	0.100	ND	112	80-120			
Ethylbenzene	0.117	0.00100	"	0.100	ND	117	80-120			
Xylene (p/m)	0.228	0.00200	"	0.200	ND	114	80-120			
Xylene (o)	0.107	0.00100	"	0.100	ND	107	80-120			
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.5	80-120			
Matrix Spike Dup (P3E1605-MSD1)		Source: 3E12007-01		Prepared: 05/16/23		Analyzed: 05/17/23				
Benzene	0.106	0.00100	mg/L	0.100	ND	106	80-120	6.30	20	
Toluene	0.104	0.00100	"	0.100	ND	104	80-120	7.61	20	
Ethylbenzene	0.109	0.00100	"	0.100	ND	109	80-120	7.25	20	
Xylene (p/m)	0.212	0.00200	"	0.200	ND	106	80-120	7.03	20	
Xylene (o)	0.101	0.00100	"	0.100	ND	101	80-120	6.31	20	
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.8	80-120			

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3E1206 - *** DEFAULT PREP ***										
Blank (P3E1206-BLK1)				Prepared & Analyzed: 05/12/23						
Sulfate	ND	1.00	mg/L							
Nitrate as N	ND	0.200	"							
LCS (P3E1206-BS1)				Prepared & Analyzed: 05/12/23						
Nitrate as N	10.4		mg/L	10.0		104	90-110			
Sulfate	9.52		"	10.0		95.2	90-110			
LCS Dup (P3E1206-BSD1)				Prepared & Analyzed: 05/12/23						
Sulfate	9.51		mg/L	10.0		95.1	90-110	0.0105	10	
Nitrate as N	10.4		"	10.0		104	90-110	0.0766	10	
Calibration Check (P3E1206-CCV1)				Prepared & Analyzed: 05/12/23						
Sulfate	9.45		mg/L	10.0		94.5	90-110			
Nitrate as N	10.4		"	10.0		104	90-110			
Calibration Check (P3E1206-CCV2)				Prepared: 05/12/23 Analyzed: 05/13/23						
Nitrate as N	10.5		mg/L	10.0		105	90-110			
Sulfate	9.61		"	10.0		96.1	90-110			
Matrix Spike (P3E1206-MS1)		Source: 3E12007-01		Prepared & Analyzed: 05/12/23						
Sulfate	27.5		mg/L	10.0	16.4	111	80-120			
Matrix Spike (P3E1206-MS2)		Source: 3E12007-01		Prepared & Analyzed: 05/12/23						
Nitrate as N	9.93		mg/L	10.0	0.00	99.3	80-120			
Matrix Spike Dup (P3E1206-MSD1)		Source: 3E12007-01		Prepared & Analyzed: 05/12/23						
Sulfate	27.6		mg/L	10.0	16.4	111	80-120		20	

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3E1206 - *** DEFAULT PREP ***										
Matrix Spike Dup (P3E1206-MSD2)		Source: 3E12007-01			Prepared & Analyzed: 05/12/23					
Nitrate as N	9.95		mg/L	10.0	0.00	99.5	80-120	0.191	20	
Batch P3E1712 - *** DEFAULT PREP ***										
Blank (P3E1712-BLK1)		Prepared: 05/17/23 Analyzed: 05/25/23								
Chemical Oxygen Demand	ND	2.00	mg/L							QAL1
LCS (P3E1712-BS1)		Prepared: 05/17/23 Analyzed: 05/25/23								
Chemical Oxygen Demand	95.0	2.00	mg/L	100		95.0	80-120			QAL1
LCS Dup (P3E1712-BSD1)		Prepared: 05/17/23 Analyzed: 05/25/23								
Chemical Oxygen Demand	102	2.00	mg/L	100		102	80-120	7.11	20	QAL1
Calibration Check (P3E1712-CCV1)		Prepared: 05/17/23 Analyzed: 05/25/23								
Chemical Oxygen Demand	98.0	2.00	mg/L	100		98.0	80-120			QAL1
Calibration Check (P3E1712-CCV2)		Prepared: 05/17/23 Analyzed: 05/25/23								
Chemical Oxygen Demand	98.0	2.00	mg/L	100		98.0	80-120			QAL1
Calibration Check (P3E1712-CCV3)		Prepared: 05/17/23 Analyzed: 05/25/23								
Chemical Oxygen Demand	98.0	2.00	mg/L	100		98.0	80-120			QAL1
Duplicate (P3E1712-DUP1)		Source: 3E04003-01			Prepared: 05/17/23 Analyzed: 05/25/23					
Chemical Oxygen Demand	84.0	2.00	mg/L		770			161	20	QAL1, R3
Duplicate (P3E1712-DUP2)		Source: 3E05004-05			Prepared: 05/17/23 Analyzed: 05/25/23					
Chemical Oxygen Demand	60.0	2.00	mg/L		69.0			14.0	20	QAL1, R3

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

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

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

Batch P3E1712 - * DEFAULT PREP *****

Matrix Spike (P3E1712-MS1)		Source: 3E04003-01		Prepared: 05/17/23 Analyzed: 05/25/23						
Chemical Oxygen Demand	198	2.00	mg/L	100	770	NR	80-120			QAL1, QM-05
Matrix Spike (P3E1712-MS2)		Source: 3E05004-05		Prepared: 05/17/23 Analyzed: 05/25/23						
Chemical Oxygen Demand	198	2.00	mg/L	100	69.0	129	80-120			QAL1, QM-05
Matrix Spike Dup (P3E1712-MSD1)		Source: 3E04003-01		Prepared: 05/17/23 Analyzed: 05/25/23						
Chemical Oxygen Demand	198	2.00	mg/L	100	770	NR	80-120	0.00	20	QAL1, QM-05
Matrix Spike Dup (P3E1712-MSD2)		Source: 3E05004-05		Prepared: 05/17/23 Analyzed: 05/25/23						
Chemical Oxygen Demand	197	2.00	mg/L	100	69.0	128	80-120	0.506	20	QAL1, QM-05

Batch P3E2309 - * DEFAULT PREP *****

Blank (P3E2309-BLK1)				Prepared: 05/23/23 Analyzed: 05/24/23						
Chemical Oxygen Demand	ND	2.00	mg/L							QAL1
LCS (P3E2309-BS1)				Prepared: 05/23/23 Analyzed: 05/24/23						
Chemical Oxygen Demand	94.0	2.00	mg/L	100		94.0	80-120			QAL1
LCS Dup (P3E2309-BSD1)				Prepared: 05/23/23 Analyzed: 05/24/23						
Chemical Oxygen Demand	103	2.00	mg/L	100		103	80-120	9.14	20	QAL1
Calibration Check (P3E2309-CCV1)				Prepared: 05/23/23 Analyzed: 05/24/23						
Chemical Oxygen Demand	102	2.00	mg/L	100		102	80-120			QAL1
Calibration Check (P3E2309-CCV2)				Prepared: 05/23/23 Analyzed: 05/24/23						
Chemical Oxygen Demand	98.0	2.00	mg/L	100		98.0	80-120			QAL1

Permian Basin Environmental Lab, L.P.

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

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

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

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3E2309 - *** DEFAULT PREP ***										
Calibration Check (P3E2309-CCV3)				Prepared: 05/23/23 Analyzed: 05/24/23						
Chemical Oxygen Demand	98.0	2.00	mg/L	100		98.0	80-120			QAL1
Duplicate (P3E2309-DUP1)				Source: 3E12007-01 Prepared: 05/23/23 Analyzed: 05/24/23						
Chemical Oxygen Demand	79.0	2.00	mg/L		79.0			0.00	20	QAL1
Duplicate (P3E2309-DUP2)				Source: 3E19003-01 Prepared: 05/23/23 Analyzed: 05/24/23						
Chemical Oxygen Demand	52.0	2.00	mg/L		5.00			165	20	QAL1, R3
Matrix Spike (P3E2309-MS1)				Source: 3E12007-01 Prepared: 05/23/23 Analyzed: 05/24/23						
Chemical Oxygen Demand	194	2.00	mg/L	100	79.0	115	80-120			QAL1
Matrix Spike (P3E2309-MS2)				Source: 3E19003-01 Prepared: 05/23/23 Analyzed: 05/24/23						
Chemical Oxygen Demand	200	2.00	mg/L	100	5.00	195	80-120			QAL1, QM-05
Matrix Spike Dup (P3E2309-MSD1)				Source: 3E12007-01 Prepared: 05/23/23 Analyzed: 05/24/23						
Chemical Oxygen Demand	193	2.00	mg/L	100	79.0	114	80-120	0.517	20	QAL1
Matrix Spike Dup (P3E2309-MSD2)				Source: 3E19003-01 Prepared: 05/23/23 Analyzed: 05/24/23						
Chemical Oxygen Demand	200	2.00	mg/L	100	5.00	195	80-120	0.00	20	QAL1, QM-05
Batch P3E2507 - *** DEFAULT PREP ***										
Blank (P3E2507-BLK1)				Prepared: 05/24/23 Analyzed: 05/25/23						
Chemical Oxygen Demand	ND	20.0	mg/L							QAL1
LCS (P3E2507-BS1)				Prepared: 05/24/23 Analyzed: 05/25/23						
Chemical Oxygen Demand	1070	20.0	mg/L	1000		107	80-120			QAL1

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3E2507 - *** DEFAULT PREP ***										
LCS Dup (P3E2507-BSD1)				Prepared: 05/24/23 Analyzed: 05/25/23						
Chemical Oxygen Demand	1100	20.0	mg/L	1000		110	80-120	3.31	20	QAL1
Calibration Check (P3E2507-CCV1)				Prepared & Analyzed: 05/25/23						
Chemical Oxygen Demand	922	20.0	mg/L	1000		92.2	80-120			QAL1
Calibration Check (P3E2507-CCV2)				Prepared & Analyzed: 05/25/23						
Chemical Oxygen Demand	928	20.0	mg/L	1000		92.8	80-120			QAL1
Duplicate (P3E2507-DUP1)				Source: 3E10007-04		Prepared: 05/24/23 Analyzed: 05/25/23				
Chemical Oxygen Demand	372	20.0	mg/L		338			9.58	20	QAL1
Matrix Spike (P3E2507-MS1)				Source: 3E10007-04		Prepared: 05/24/23 Analyzed: 05/25/23				
Chemical Oxygen Demand	201	20.0	mg/L	1000	338	NR	80-120			QAL1, QM-05
Matrix Spike Dup (P3E2507-MSD1)				Source: 3E10007-04		Prepared: 05/24/23 Analyzed: 05/25/23				
Chemical Oxygen Demand	246	20.0	mg/L	1000	338	NR	80-120	20.1	20	QM-05, QAL1

Permian Basin Environmental Lab, L.P.

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

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

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

Notes and Definitions

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

ROI Received on Ice

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

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

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

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

NPBEL C Chain of Custody was not generated at PBELAB

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:

5/31/2023

Brent Barron, Laboratory Director/Technical Director

Permian Basin Environmental Lab, L.P.

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

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

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

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

Permian Basin Environmental Lab, L.P.

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

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



Analytical Report

Prepared for:

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

Project: 97-17
Project Number: TNM 97-17
Location: Lea County New Mexico
Lab Order Number: 3E12008



Current Certification

Report Date: 05/18/23

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

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

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-20	3E12008-01	Water	05/10/23 16:25	05-12-2023 09:01
RW-1	3E12008-02	Water	05/10/23 16:59	05-12-2023 09:01
MW-15	3E12008-03	Water	05/11/23 16:11	05-12-2023 09:01
RW-6	3E12008-04	Water	05/11/23 16:39	05-12-2023 09:01
MW-14	3E12008-05	Water	05/11/23 17:03	05-12-2023 09:01
RW-4	3E12008-06	Water	05/11/23 17:25	05-12-2023 09:01
MW-4	3E12008-07	Water	05/11/23 17:41	05-12-2023 09:01
MW-23	3E12008-08	Water	05/10/23 16:07	05-12-2023 09:01
MW-27	3E12008-09	Water	05/10/23 15:40	05-12-2023 09:01

Sample MW-4 Had Benzene detected over the Calibration limit. It was reanalyzed with the two remaining vials. However due to instrument malfunctions, there are no remaining VOA Vials for this sample. If an additional sample set is provided to us we will analyze it at no cost.

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

MW-20
3E12008-01 (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	P3E1605	05/16/23 13:11	05/17/23 05:08	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 05:08	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 05:08	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 05:08	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 05:08	EPA 8021B
Surrogate: 4-Bromofluorobenzene	103 %		80-120		P3E1605	05/16/23 13:11	05/17/23 05:08	EPA 8021B
Surrogate: 1,4-Difluorobenzene	91.5 %		80-120		P3E1605	05/16/23 13:11	05/17/23 05:08	EPA 8021B

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

RW-1
3E12008-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC									
Benzene	0.00248	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 05:29	EPA 8021B	
Toluene	0.0105	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 05:29	EPA 8021B	
Ethylbenzene	0.0567	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 05:29	EPA 8021B	
Xylene (p/m)	0.00839	0.00200	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 05:29	EPA 8021B	
Xylene (o)	0.0465	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 05:29	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	128 %	80-120			P3E1605	05/16/23 13:11	05/17/23 05:29	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene	90.6 %	80-120			P3E1605	05/16/23 13:11	05/17/23 05:29	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

MW-15
3E12008-03 (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	P3E1605	05/16/23 13:11	05/17/23 05:50	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 05:50	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 05:50	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 05:50	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 05:50	EPA 8021B
Surrogate: 4-Bromofluorobenzene	104 %	80-120			P3E1605	05/16/23 13:11	05/17/23 05:50	EPA 8021B
Surrogate: 1,4-Difluorobenzene	92.5 %	80-120			P3E1605	05/16/23 13:11	05/17/23 05:50	EPA 8021B

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

RW-6
3E12008-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC									
Benzene	0.131	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 06:10	EPA 8021B	
Toluene	0.0598	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 06:10	EPA 8021B	
Ethylbenzene	0.0814	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 06:10	EPA 8021B	
Xylene (p/m)	0.168	0.00200	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 06:10	EPA 8021B	
Xylene (o)	0.0880	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 06:10	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	133 %	80-120			P3E1605	05/16/23 13:11	05/17/23 06:10	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene	87.2 %	80-120			P3E1605	05/16/23 13:11	05/17/23 06:10	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

MW-14
3E12008-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC									
Benzene	0.270	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 06:31	EPA 8021B	
Toluene	0.00141	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 06:31	EPA 8021B	
Ethylbenzene	0.192	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 06:31	EPA 8021B	
Xylene (p/m)	0.0462	0.00200	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 06:31	EPA 8021B	
Xylene (o)	0.0148	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 06:31	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	102 %	80-120			P3E1605	05/16/23 13:11	05/17/23 06:31	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	89.4 %	80-120			P3E1605	05/16/23 13:11	05/17/23 06:31	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

RW-4
3E12008-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC									
Benzene	0.170	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 11:20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 11:20	EPA 8021B	
Ethylbenzene	0.0251	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 11:20	EPA 8021B	
Xylene (p/m)	0.0132	0.00200	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 11:20	EPA 8021B	
Xylene (o)	0.00333	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 11:20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	102 %	80-120			P3E1605	05/16/23 13:11	05/17/23 11:20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	104 %	80-120			P3E1605	05/16/23 13:11	05/17/23 11:20	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

MW-4
3E12008-07 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC									
Benzene	6.98	0.00500	mg/L	5	P3E1605	05/16/23 13:11	05/17/23 11:41	EPA 8021B	
Toluene	0.0880	0.00500	mg/L	5	P3E1605	05/16/23 13:11	05/17/23 11:41	EPA 8021B	
Ethylbenzene	0.138	0.00500	mg/L	5	P3E1605	05/16/23 13:11	05/17/23 11:41	EPA 8021B	
Xylene (p/m)	0.326	0.0100	mg/L	5	P3E1605	05/16/23 13:11	05/17/23 11:41	EPA 8021B	
Xylene (o)	0.0472	0.00500	mg/L	5	P3E1605	05/16/23 13:11	05/17/23 11:41	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	85.3 %		80-120		P3E1605	05/16/23 13:11	05/17/23 11:41	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	101 %		80-120		P3E1605	05/16/23 13:11	05/17/23 11:41	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

MW-23
3E12008-08 (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	P3E1605	05/16/23 13:11	05/17/23 07:33	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 07:33	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 07:33	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 07:33	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 07:33	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	102 %		80-120		P3E1605	05/16/23 13:11	05/17/23 07:33	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	94.6 %		80-120		P3E1605	05/16/23 13:11	05/17/23 07:33	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

MW-27
3E12008-09 (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	P3E1605	05/16/23 13:11	05/17/23 07:53	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 07:53	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 07:53	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 07:53	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3E1605	05/16/23 13:11	05/17/23 07:53	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	94.2 %		80-120		P3E1605	05/16/23 13:11	05/17/23 07:53	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	95.9 %		80-120		P3E1605	05/16/23 13:11	05/17/23 07:53	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

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 P3E1605 - *** DEFAULT PREP ***

Blank (P3E1605-BLK1)		Prepared: 05/16/23 Analyzed: 05/17/23								
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	0.122		"	0.120		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.2	80-120			

LCS (P3E1605-BS1)		Prepared: 05/16/23 Analyzed: 05/17/23								
Benzene	0.0993	0.00100	mg/L	0.100		99.3	80-120			
Toluene	0.0997	0.00100	"	0.100		99.7	80-120			
Ethylbenzene	0.104	0.00100	"	0.100		104	80-120			
Xylene (p/m)	0.205	0.00200	"	0.200		103	80-120			
Xylene (o)	0.0981	0.00100	"	0.100		98.1	80-120			
Surrogate: 4-Bromofluorobenzene	0.129		"	0.120		107	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.2	80-120			

LCS Dup (P3E1605-BSD1)		Prepared: 05/16/23 Analyzed: 05/17/23								
Benzene	0.104	0.00100	mg/L	0.100		104	80-120	4.75	20	
Toluene	0.106	0.00100	"	0.100		106	80-120	6.34	20	
Ethylbenzene	0.112	0.00100	"	0.100		112	80-120	7.69	20	
Xylene (p/m)	0.220	0.00200	"	0.200		110	80-120	7.00	20	
Xylene (o)	0.104	0.00100	"	0.100		104	80-120	5.65	20	
Surrogate: 4-Bromofluorobenzene	0.129		"	0.120		107	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.3	80-120			

Calibration Blank (P3E1605-CCB1)		Prepared & Analyzed: 05/16/23								
Benzene	0.100		ug/l							
Toluene	0.370		"							
Ethylbenzene	0.310		"							
Xylene (p/m)	0.590		"							
Xylene (o)	0.530		"							
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.7	80-120			

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3E1605 - *** DEFAULT PREP ***

Calibration Blank (P3E1605-CCB2)				Prepared: 05/16/23 Analyzed: 05/17/23						
Benzene	0.190		ug/l							
Toluene	0.330		"							
Ethylbenzene	0.300		"							
Xylene (p/m)	0.630		"							
Xylene (o)	0.470		"							
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		94.8	80-120			

Calibration Check (P3E1605-CCV1)				Prepared & Analyzed: 05/16/23						
Benzene	0.113	0.00100	mg/L	0.100		113	80-120			
Toluene	0.114	0.00100	"	0.100		114	80-120			
Ethylbenzene	0.110	0.00100	"	0.100		110	80-120			
Xylene (p/m)	0.225	0.00200	"	0.200		113	80-120			
Xylene (o)	0.110	0.00100	"	0.100		110	80-120			
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		98.9	80-120			

Calibration Check (P3E1605-CCV2)				Prepared: 05/16/23 Analyzed: 05/17/23						
Benzene	0.116	0.00100	mg/L	0.100		116	80-120			
Toluene	0.115	0.00100	"	0.100		115	80-120			
Ethylbenzene	0.112	0.00100	"	0.100		112	80-120			
Xylene (p/m)	0.229	0.00200	"	0.200		115	80-120			
Xylene (o)	0.114	0.00100	"	0.100		114	80-120			
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.8	80-120			

Calibration Check (P3E1605-CCV3)				Prepared: 05/16/23 Analyzed: 05/17/23						
Benzene	0.107	0.00100	mg/L	0.100		107	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.100	0.00100	"	0.100		100	80-120			
Xylene (p/m)	0.205	0.00200	"	0.200		102	80-120			
Xylene (o)	0.102	0.00100	"	0.100		102	80-120			
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.8	80-120			

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3E1605 - *** DEFAULT PREP ***

Matrix Spike (P3E1605-MS1)	Source: 3E12007-01			Prepared: 05/16/23 Analyzed: 05/17/23						
Benzene	0.113	0.00100	mg/L	0.100	ND	113	80-120			
Toluene	0.112	0.00100	"	0.100	ND	112	80-120			
Ethylbenzene	0.117	0.00100	"	0.100	ND	117	80-120			
Xylene (p/m)	0.228	0.00200	"	0.200	ND	114	80-120			
Xylene (o)	0.107	0.00100	"	0.100	ND	107	80-120			
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.5	80-120			
Matrix Spike Dup (P3E1605-MSD1)	Source: 3E12007-01			Prepared: 05/16/23 Analyzed: 05/17/23						
Benzene	0.106	0.00100	mg/L	0.100	ND	106	80-120	6.30	20	
Toluene	0.104	0.00100	"	0.100	ND	104	80-120	7.61	20	
Ethylbenzene	0.109	0.00100	"	0.100	ND	109	80-120	7.25	20	
Xylene (p/m)	0.212	0.00200	"	0.200	ND	106	80-120	7.03	20	
Xylene (o)	0.101	0.00100	"	0.100	ND	101	80-120	6.31	20	
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.8	80-120			

Permian Basin Environmental Lab, L.P.

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

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

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

Notes and Definitions

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

ROI Received on Ice

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

NPBEL C Chain of Custody was not generated at PBELAB

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

5/18/2023

Brent Barron, Laboratory Director/Technical Director

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

Permian Basin Environmental Lab, L.P.

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

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



Analytical Report

Prepared for:

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

Project: 97-17_MNA
Project Number: TNM 97-17
Location: Lea County, NM
Lab Order Number: 3H18001



Current Certification

Report Date: 09/21/23

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

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

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-25	3H18001-01	Water	08/17/23 11:25	08-18-2023 08:10
MW-11	3H18001-02	Water	08/17/23 10:41	08-18-2023 08:10
RW-3	3H18001-03	Water	08/17/23 12:05	08-18-2023 08:10
MW-5	3H18001-04	Water	08/17/23 12:47	08-18-2023 08:10
MW-7	3H18001-05	Water	08/17/23 13:15	08-18-2023 08:10
MW-19	3H18001-06	Water	08/17/23 13:50	08-18-2023 08:10

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

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

This revised report includes the sample 3H18001-05 for COD.

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

MW-25
3H18001-01 (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	P3H1802	08/18/23 11:12	08/21/23 10:27	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3H1802	08/18/23 11:12	08/21/23 10:27	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3H1802	08/18/23 11:12	08/21/23 10:27	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3H1802	08/18/23 11:12	08/21/23 10:27	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3H1802	08/18/23 11:12	08/21/23 10:27	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	87.4 %		80-120		P3H1802	08/18/23 11:12	08/21/23 10:27	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	103 %		80-120		P3H1802	08/18/23 11:12	08/21/23 10:27	EPA 8021B	
Ethane	ND	1.00	mg/L	1	P3I1311	08/23/23 16:40	08/23/23 16:40	8015M	SUB-13
Ethene	ND	1.00	mg/L	1	P3I1311	08/23/23 16:40	08/23/23 16:40	8015M	SUB-13
Methane	ND	1.00	mg/L	1	P3I1311	08/23/23 16:40	08/23/23 16:40	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	227	20.0	mg/L	1	P3H2812	08/28/23 08:38	08/29/23 07:21	8000	QAL1
Nitrate as N	ND	0.200	mg/L	1	P3H1904	08/19/23 09:32	08/19/23 12:08	EPA 300.0	
Sulfate	1800	100	mg/L	100	P3H1904	08/19/23 09:32	08/23/23 16:37	EPA 300.0	
Total Organic Carbon	23.0	1.00	mg/L	1	P3I1311	08/28/13 12:47	08/28/13 12:47	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P3I1311	08/23/23 08:00	08/25/23 00:37	EPA 6020A	SUB-13
Manganese	0.0402	0.00500	mg/L	1	P3I1311	08/23/23 08:00	08/25/23 00:37	EPA 6020A	SUB-13

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

MW-11
3H18001-02 (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	P3H1802	08/18/23 11:12	08/21/23 10:48	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3H1802	08/18/23 11:12	08/21/23 10:48	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3H1802	08/18/23 11:12	08/21/23 10:48	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3H1802	08/18/23 11:12	08/21/23 10:48	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3H1802	08/18/23 11:12	08/21/23 10:48	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	80.3 %		80-120		P3H1802	08/18/23 11:12	08/21/23 10:48	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	100 %		80-120		P3H1802	08/18/23 11:12	08/21/23 10:48	EPA 8021B	
Ethane	ND	1.00	mg/L	1	P3I1311	08/23/23 16:49	08/23/23 16:49	8015M	SUB-13
Ethene	ND	1.00	mg/L	1	P3I1311	08/23/23 16:49	08/23/23 16:49	8015M	SUB-13
Methane	ND	1.00	mg/L	1	P3I1311	08/23/23 16:49	08/23/23 16:49	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	77.0	2.00	mg/L	1	P3H3010	08/30/23 11:13	09/07/23 08:28	8000	
Nitrate as N	0.206	0.200	mg/L	1	P3H1904	08/19/23 09:32	08/19/23 13:10	EPA 300.0	
Sulfate	2010	100	mg/L	100	P3H1904	08/19/23 09:32	08/23/23 17:39	EPA 300.0	
Total Organic Carbon	6.87	1.00	mg/L	1	P3I1311	08/28/23 13:20	09/28/23 13:20	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P3I1311	08/23/23 08:00	08/25/23 00:52	EPA 6020A	SUB-13
Manganese	0.0156	0.00500	mg/L	1	P3I1311	08/23/23 08:00	08/25/23 00:52	EPA 6020A	SUB-13

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

RW-3
3H18001-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0707	0.00100	mg/L	1	P3H1802	08/18/23 11:12	08/21/23 11:08	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3H1802	08/18/23 11:12	08/21/23 11:08	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3H1802	08/18/23 11:12	08/21/23 11:08	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3H1802	08/18/23 11:12	08/21/23 11:08	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3H1802	08/18/23 11:12	08/21/23 11:08	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	79.1 %	80-120			P3H1802	08/18/23 11:12	08/21/23 11:08	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene	99.8 %	80-120			P3H1802	08/18/23 11:12	08/21/23 11:08	EPA 8021B	
Ethane	ND	1.00	mg/L	1	P3I1311	08/23/23 17:08	08/23/23 17:08	8015M	SUB-13
Ethene	ND	1.00	mg/L	1	P3I1311	08/23/23 17:08	08/23/23 17:08	8015M	SUB-13
Methane	ND	5.00	mg/L	1	P3I1311	08/23/23 17:08	08/23/23 18:23	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	48.0	2.00	mg/L	1	P3H3010	08/30/23 11:13	09/07/23 08:28	8000	
Nitrate as N	0.221	0.200	mg/L	1	P3H1904	08/19/23 09:32	08/19/23 13:30	EPA 300.0	
Sulfate	2420	100	mg/L	100	P3H1904	08/19/23 09:32	08/23/23 17:59	EPA 300.0	
Total Organic Carbon	41.5	1.00	mg/L	1	P3I1311	08/28/23 13:35	09/28/23 13:35	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	1.78	0.200	mg/L	1	P3I1311	08/23/23 08:00	08/25/23 00:54	EPA 6020A	SUB-13
Manganese	0.0501	0.00500	mg/L	1	P3I1311	08/23/23 08:00	08/25/23 00:54	EPA 6020A	SUB-13

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

MW-5
3H18001-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.00174	0.00100	mg/L	1	P3H1802	08/18/23 11:12	08/21/23 11:29	EPA 8021B	
Toluene	0.00137	0.00100	mg/L	1	P3H1802	08/18/23 11:12	08/21/23 11:29	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3H1802	08/18/23 11:12	08/21/23 11:29	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3H1802	08/18/23 11:12	08/21/23 11:29	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3H1802	08/18/23 11:12	08/21/23 11:29	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	83.2 %				P3H1802	08/18/23 11:12	08/21/23 11:29	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	97.0 %				P3H1802	08/18/23 11:12	08/21/23 11:29	EPA 8021B	
Ethane	ND	1.00	mg/L	1	P3I1311	08/23/23 17:31	08/23/23 17:40	8015M	SUB-13
Ethene	ND	1.00	mg/L	1	P3I1311	08/23/23 17:31	08/23/23 17:40	8015M	SUB-13
Methane	ND	5.00	mg/L	1	P3I1311	08/23/23 17:31	08/23/23 18:40	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Nitrate as N	0.220	0.200	mg/L	1	P3H1904	08/19/23 09:32	08/19/23 13:51	EPA 300.0	
Sulfate	2270	100	mg/L	100	P3H1904	08/19/23 09:32	08/23/23 18:20	EPA 300.0	
Total Organic Carbon	32.5	10.0	mg/L	1	P3I1311	08/28/23 13:50	08/28/23 14:05	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	0.847	0.200	mg/L	1	P3I1311	08/23/23 08:00	08/25/23 00:59	EPA 6020A	SUB-13
Manganese	0.0231	0.00500	mg/L	1	P3I1311	08/23/23 08:00	08/25/23 00:59	EPA 6020A	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_MNA
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW-7
3H18001-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.824	0.00500	mg/L	5	P3H1802	08/18/23 11:12	08/21/23 15:15	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3H1802	08/18/23 11:12	08/21/23 11:50	EPA 8021B	
Ethylbenzene	0.0148	0.00100	mg/L	1	P3H1802	08/18/23 11:12	08/21/23 11:50	EPA 8021B	
Xylene (p/m)	0.00575	0.00200	mg/L	1	P3H1802	08/18/23 11:12	08/21/23 11:50	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3H1802	08/18/23 11:12	08/21/23 11:50	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	82.6 %				P3H1802	08/18/23 11:12	08/21/23 11:50	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	105 %				P3H1802	08/18/23 11:12	08/21/23 11:50	EPA 8021B	
Ethane	ND	1.00	mg/L	1	P3I1311	08/23/23 17:40	08/23/23 17:40	8015M	SUB-13
Ethene	ND	1.00	mg/L	1	P3I1311	08/23/23 17:40	08/23/23 17:40	8015M	SUB-13
Methane	ND	25.0	mg/L	1	P3I1311	08/23/23 17:40	08/23/23 17:40	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	208	4.00	mg/L	1	P3H3010	08/30/23 11:13	09/20/23 13:11	8000	
Nitrate as N	0.221	0.200	mg/L	1	P3H1904	08/19/23 09:32	08/19/23 14:11	EPA 300.0	
Sulfate	1750	100	mg/L	100	P3H1904	08/19/23 09:32	08/23/23 18:40	EPA 300.0	
Total Organic Carbon	58.1	20.0	mg/L	1	P3I1311	08/08/23 14:05	08/08/23 14:05	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P3I1311	08/23/23 08:00	08/25/23 00:59	EPA 6020A	SUB-13
Manganese	0.00774	0.00500	mg/L	1	P3I1311	08/23/23 08:00	08/25/23 00:59	EPA 6020A	SUB-13

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

MW-19
3H18001-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.128	0.00100	mg/L	1	P3H1802	08/18/23 11:12	08/21/23 12:10	EPA 8021B	
Toluene	0.00132	0.00100	mg/L	1	P3H1802	08/18/23 11:12	08/21/23 12:10	EPA 8021B	
Ethylbenzene	0.00279	0.00100	mg/L	1	P3H1802	08/18/23 11:12	08/21/23 12:10	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3H1802	08/18/23 11:12	08/21/23 12:10	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3H1802	08/18/23 11:12	08/21/23 12:10	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	83.3 %				P3H1802	08/18/23 11:12	08/21/23 12:10	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	97.8 %				P3H1802	08/18/23 11:12	08/21/23 12:10	EPA 8021B	
Ethane	ND	1.00	mg/L	1	P3I1311	08/23/23 17:53	08/23/23 17:53	8015M	SUB-13
Ethene	ND	1.00	mg/L	1	P3I1311	08/23/23 17:53	08/23/23 17:53	8015M	SUB-13
Methane	ND	50.0	mg/L	1	P3I1311	08/23/23 17:53	08/23/23 18:49	8015M	SUB-13

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	65.0	2.00	mg/L	1	P3H3010	08/30/23 11:13	09/07/23 08:28	8000	
Nitrate as N	0.219	0.200	mg/L	1	P3H1904	08/19/23 09:32	08/19/23 14:32	EPA 300.0	
Sulfate	1080	100	mg/L	100	P3H1904	08/19/23 09:32	08/23/23 19:01	EPA 300.0	
Total Organic Carbon	146	20.0	mg/L	1	P3I1311	08/28/23 14:50	08/28/23 14:50	EPA 415.1	SUB-13

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P3I1311	08/23/23 08:00	08/25/23 01:01	EPA 6020A	SUB-13
Manganese	0.0157	0.00500	mg/L	1	P3I1311	08/23/23 08:00	08/25/23 01:01	EPA 6020A	SUB-13

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3H1802 - *** DEFAULT PREP ***

Blank (P3H1802-BLK1)				Prepared & Analyzed: 08/18/23						
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	0.103		"	0.120		86.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.124		"	0.120		104	80-120			

LCS (P3H1802-BS1)				Prepared & Analyzed: 08/18/23						
Benzene	0.0890	0.00100	mg/L	0.100		89.0	80-120			
Toluene	0.0867	0.00100	"	0.100		86.7	80-120			
Ethylbenzene	0.101	0.00100	"	0.100		101	80-120			
Xylene (p/m)	0.199	0.00200	"	0.200		99.3	80-120			
Xylene (o)	0.0923	0.00100	"	0.100		92.3	80-120			
Surrogate: 4-Bromofluorobenzene	0.111		"	0.120		92.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.128		"	0.120		107	80-120			

LCS Dup (P3H1802-BSD1)				Prepared & Analyzed: 08/18/23						
Benzene	0.0908	0.00100	mg/L	0.100		90.8	80-120	2.07	20	
Toluene	0.0886	0.00100	"	0.100		88.6	80-120	2.11	20	
Ethylbenzene	0.104	0.00100	"	0.100		104	80-120	3.02	20	
Xylene (p/m)	0.203	0.00200	"	0.200		101	80-120	1.97	20	
Xylene (o)	0.0944	0.00100	"	0.100		94.4	80-120	2.28	20	
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		93.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.127		"	0.120		106	80-120			

Calibration Blank (P3H1802-CCB1)				Prepared & Analyzed: 08/18/23						
Benzene	0.200		ug/l							
Toluene	0.310		"							
Ethylbenzene	0.480		"							
Xylene (p/m)	1.07		"							
Xylene (o)	0.640		"							
Surrogate: 4-Bromofluorobenzene	0.109		"	0.120		91.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.125		"	0.120		104	80-120			

Permian Basin Environmental Lab, L.P.

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TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3H1802 - *** DEFAULT PREP ***

Calibration Blank (P3H1802-CCB2)				Prepared: 08/18/23 Analyzed: 08/21/23						
Benzene	0.280		ug/l							
Toluene	0.380		"							
Ethylbenzene	0.700		"							
Xylene (p/m)	1.42		"							
Xylene (o)	0.780		"							
Surrogate: 4-Bromofluorobenzene	0.105		"	0.120		87.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.124		"	0.120		104	80-120			

Calibration Check (P3H1802-CCV1)				Prepared & Analyzed: 08/18/23						
Benzene	0.0886	0.00100	mg/L	0.100		88.6	80-120			
Toluene	0.0852	0.00100	"	0.100		85.2	80-120			
Ethylbenzene	0.0943	0.00100	"	0.100		94.3	80-120			
Xylene (p/m)	0.193	0.00200	"	0.200		96.6	80-120			
Xylene (o)	0.0941	0.00100	"	0.100		94.1	80-120			
Surrogate: 4-Bromofluorobenzene	0.0980		"	0.120		81.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.127		"	0.120		106	80-120			

Calibration Check (P3H1802-CCV2)				Prepared: 08/18/23 Analyzed: 08/21/23						
Benzene	0.0929	0.00100	mg/L	0.100		92.9	80-120			
Toluene	0.0979	0.00100	"	0.100		97.9	80-120			
Ethylbenzene	0.112	0.00100	"	0.100		112	80-120			
Xylene (p/m)	0.228	0.00200	"	0.200		114	80-120			
Xylene (o)	0.110	0.00100	"	0.100		110	80-120			
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		96.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.131		"	0.120		109	80-120			

Calibration Check (P3H1802-CCV3)				Prepared: 08/18/23 Analyzed: 08/21/23						
Benzene	0.0888	0.00100	mg/L	0.100		88.8	80-120			
Toluene	0.0881	0.00100	"	0.100		88.1	80-120			
Ethylbenzene	0.0986	0.00100	"	0.100		98.6	80-120			
Xylene (p/m)	0.203	0.00200	"	0.200		101	80-120			
Xylene (o)	0.0998	0.00100	"	0.100		99.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.108		"	0.120		90.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.130		"	0.120		108	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	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3H1802 - *** DEFAULT PREP ***

Matrix Spike (P3H1802-MS1)	Source: 3H16010-01			Prepared: 08/18/23		Analyzed: 08/21/23				
Benzene	0.0924	0.00100	mg/L	0.100	ND	92.4	80-120			
Toluene	0.0814	0.00100	"	0.100	ND	81.4	80-120			
Ethylbenzene	0.0925	0.00100	"	0.100	ND	92.5	80-120			
Xylene (p/m)	0.180	0.00200	"	0.200	ND	89.9	80-120			
Xylene (o)	0.0883	0.00100	"	0.100	ND	88.3	80-120			
Surrogate: 4-Bromofluorobenzene	0.0984		"	0.120		82.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.131		"	0.120		109	80-120			

Matrix Spike Dup (P3H1802-MSD1)	Source: 3H16010-01			Prepared: 08/18/23		Analyzed: 08/21/23				
Benzene	0.0936	0.00100	mg/L	0.100	ND	93.6	80-120	1.28	20	
Toluene	0.0870	0.00100	"	0.100	ND	87.0	80-120	6.66	20	
Ethylbenzene	0.100	0.00100	"	0.100	ND	100	80-120	7.92	20	
Xylene (p/m)	0.196	0.00200	"	0.200	ND	98.2	80-120	8.89	20	
Xylene (o)	0.0942	0.00100	"	0.100	ND	94.2	80-120	6.46	20	
Surrogate: 4-Bromofluorobenzene	0.106		"	0.120		88.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.130		"	0.120		108	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	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3H1904 - *** DEFAULT PREP ***										
Blank (P3H1904-BLK1)				Prepared & Analyzed: 08/19/23						
Nitrate as N	ND	0.200	mg/L							
Sulfate	ND	1.00	"							
LCS (P3H1904-BS1)				Prepared & Analyzed: 08/19/23						
Nitrate as N	10.6		mg/L	10.0		106	90-110			
Sulfate	9.98		"	10.0		99.8	90-110			
LCS Dup (P3H1904-BSD1)				Prepared & Analyzed: 08/19/23						
Nitrate as N	10.6		mg/L	10.0		106	90-110	0.0188	10	
Sulfate	10.0		"	10.0		100	90-110	0.649	10	
Calibration Check (P3H1904-CCV1)				Prepared & Analyzed: 08/19/23						
Nitrate as N	10.6		mg/L	10.0		106	90-110			
Sulfate	9.95		"	10.0		99.5	90-110			
Calibration Check (P3H1904-CCV2)				Prepared: 08/19/23 Analyzed: 08/21/23						
Sulfate	10.0		mg/L	10.0		100	90-110			
Nitrate as N	10.8		"	10.0		108	90-110			
Matrix Spike (P3H1904-MS1)		Source: 3H18001-01		Prepared & Analyzed: 08/19/23						
Nitrate as N	11.4		mg/L	10.0	0.199	112	80-120			
Matrix Spike (P3H1904-MS2)		Source: 3H18001-01		Prepared: 08/19/23 Analyzed: 08/23/23						
Sulfate	28.8		mg/L	10.0	18.0	108	80-120			
Matrix Spike Dup (P3H1904-MSD1)		Source: 3H18001-01		Prepared & Analyzed: 08/19/23						
Nitrate as N	10.6		mg/L	10.0	0.199	104	80-120	7.40	20	

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3H1904 - *** DEFAULT PREP ***

Matrix Spike Dup (P3H1904-MSD2)	Source: 3H18001-01	Prepared: 08/19/23	Analyzed: 08/23/23				
Sulfate	28.8	mg/L	10.0	18.0	107	80-120	20

Batch P3H2812 - *** DEFAULT PREP ***

Blank (P3H2812-BLK1)				Prepared: 08/28/23 Analyzed: 08/29/23	
Chemical Oxygen Demand	ND	20.0	mg/L		QAL1

LCS (P3H2812-BS1)				Prepared: 08/28/23 Analyzed: 08/29/23			
Chemical Oxygen Demand	1070	20.0	mg/L	1000	107	80-120	QAL1

LCS Dup (P3H2812-BSD1)				Prepared: 08/28/23 Analyzed: 08/29/23					
Chemical Oxygen Demand	1100	20.0	mg/L	1000	110	80-120	2.96	20	QAL1

Duplicate (P3H2812-DUP1)		Source: 3H18001-01		Prepared: 08/28/23		Analyzed: 08/29/23	
Chemical Oxygen Demand	229	20.0	mg/L	227	0.877	20	QAL1

Matrix Spike (P3H2812-MS1)	Source: 3H18001-01			Prepared: 08/28/23		Analyzed: 08/29/23		
Chemical Oxygen Demand	1100	20.0	mg/L	500	227	175	80-120	QAL1, QM-05

Matrix Spike Dup (P3H2812-MSD1)				Source: 3H18001-01		Prepared: 08/28/23		Analyzed: 08/29/23		
Chemical Oxygen Demand	1120	20.0	mg/L	500	227	178	80-120	1.35	20	QAL1, QM-05

Batch P3H3010 - *** DEFAULT PREP ***

Blank (P3H3010-BLK1)				Prepared & Analyzed: 09/07/23			
Chemical Oxygen Demand	ND	2.00	mg/L				

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3H3010 - *** DEFAULT PREP ***										
LCS (P3H3010-BS1)				Prepared & Analyzed: 09/07/23						
Chemical Oxygen Demand	103	2.00	mg/L	100		103	80-120			
LCS Dup (P3H3010-BSD1)				Prepared & Analyzed: 09/07/23						
Chemical Oxygen Demand	112	2.00	mg/L	100		112	80-120	8.37	20	
Duplicate (P3H3010-DUP1)				Source: 3H16010-01		Prepared & Analyzed: 09/07/23				
Chemical Oxygen Demand	ND	2.00	mg/L		ND				20	
Matrix Spike (P3H3010-MS1)				Source: 3H16010-01		Prepared & Analyzed: 09/07/23				
Chemical Oxygen Demand	97.0	2.00	mg/L	100	ND	97.0	80-120			
Matrix Spike Dup (P3H3010-MSD1)				Source: 3H16010-01		Prepared & Analyzed: 09/07/23				
Chemical Oxygen Demand	96.0	2.00	mg/L	100	ND	96.0	80-120	1.04	20	

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

Notes and Definitions

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

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

ROI Received on Ice

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

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

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

NPBEL C Chain of Custody was not generated at PBELAB

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

9/21/2023

Brent Barron, Laboratory Director/Technical Director

Permian Basin Environmental Lab, L.P.

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

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

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

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

Permian Basin Environmental Lab, L.P.

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

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235
PBELAB SUB COC V2

Project Manager: Brent Barron

Project Name: SUBCONTRACT

Company Name PBEL

Project #:

Company Address: 1400 Rankin HWY

Project Loc:

City/State/Zip: Midland Texas 79701

PO #: _____

Telephone No: 432-661-4184

Fax No:

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

Sampler Signature: N/A

e-mail: brentbarron@pbelab.com

[illegible]



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

August 30, 2023

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

Work Order: **HS23081377**

Laboratory Results for: **3H18001**

Dear Brent Barron,

ALS Environmental received 6 sample(s) on Aug 22, 2023 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Generated By: JUMOKE.LAWAL
Anna Kinchen
Project Manager

ALS Houston, US

Date: 30-Aug-23

Client: Permian Basin Environmental Lab, LP
Project: 3H18001
Work Order: HS23081377

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS23081377-01	3H18001-01	Water		17-Aug-2023 11:25	22-Aug-2023 09:40	☐
HS23081377-02	3H18001-02	Water		17-Aug-2023 10:41	22-Aug-2023 09:40	☐
HS23081377-03	3H18001-03	Water		17-Aug-2023 12:05	22-Aug-2023 09:40	☐
HS23081377-04	3H18001-04	Water		17-Aug-2023 12:47	22-Aug-2023 09:40	☐
HS23081377-05	3H18001-05	Water		17-Aug-2023 13:15	22-Aug-2023 09:40	☐
HS23081377-06	3H18001-06	Water		17-Aug-2023 13:50	22-Aug-2023 09:40	☐

ALS Houston, US

Date: 30-Aug-23

Client: Permian Basin Environmental Lab, LP
Project: 3H18001
Work Order: HS23081377

CASE NARRATIVE

Work Order Comments

- Login Notes:
3H18001-06 TOC pH at receipt 7, preserved with 0.5ml of H2SO4 (Lot:3100606423). pH after preservation 1.

GC Semivolatiles by Method RSK-175

Batch ID: R444716

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

Metals by Method SW6020A

Batch ID: 199402

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

WetChemistry by Method E415.1

Batch ID: R445026

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

ALS Houston, US

Date: 30-Aug-23

Client:	Permian Basin Environmental Lab, LP	ANALYTICAL REPORT
Project:	3H18001	WorkOrder:HS23081377
Sample ID:	3H18001-01	Lab ID:HS23081377-01
Collection Date:	17-Aug-2023 11:25	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: SAM		
Ethane	ND		1.00	ug/L	1	23-Aug-2023 16:40
Ethene	ND		1.00	ug/L	1	23-Aug-2023 16:40
Methane	66.1		1.00	ug/L	2	23-Aug-2023 18:01
DISSOLVED METALS BY SW6020A		Method:SW6020A (dissolved)		Prep:SW3010A / 23-Aug-2023 Analyst: MSC		
Iron	ND		0.200	mg/L	1	25-Aug-2023 00:37
Manganese	0.0402		0.00500	mg/L	1	25-Aug-2023 00:37
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: DW		
Organic Carbon, Total	23.0		1.00	mg/L	1	28-Aug-2023 12:47

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

ALS Houston, US

Date: 30-Aug-23

Client:	Permian Basin Environmental Lab, LP	ANALYTICAL REPORT
Project:	3H18001	WorkOrder:HS23081377
Sample ID:	3H18001-02	Lab ID:HS23081377-02
Collection Date:	17-Aug-2023 10:41	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: SAM		
Ethane	ND		1.00	ug/L	1	23-Aug-2023 16:49
Ethene	ND		1.00	ug/L	1	23-Aug-2023 16:49
Methane	ND		0.500	ug/L	1	23-Aug-2023 16:49
DISSOLVED METALS BY SW6020A		Method:SW6020A (dissolved)		Prep:SW3010A / 23-Aug-2023 Analyst: MSC		
Iron	ND		0.200	mg/L	1	25-Aug-2023 00:52
Manganese	0.0156		0.00500	mg/L	1	25-Aug-2023 00:52
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: DW		
Organic Carbon, Total	6.87		1.00	mg/L	1	28-Aug-2023 13:20

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

ALS Houston, US

Date: 30-Aug-23

Client:	Permian Basin Environmental Lab, LP	ANALYTICAL REPORT
Project:	3H18001	WorkOrder:HS23081377
Sample ID:	3H18001-03	Lab ID:HS23081377-03
Collection Date:	17-Aug-2023 12:05	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: SAM		
Ethane	1.70		1.00	ug/L	1	23-Aug-2023 17:08
Ethene	ND		1.00	ug/L	1	23-Aug-2023 17:08
Methane	361		5.00	ug/L	10	23-Aug-2023 18:23
DISSOLVED METALS BY SW6020A		Method:SW6020A (dissolved)		Prep:SW3010A / 23-Aug-2023 Analyst: MSC		
Iron	1.78		0.200	mg/L	1	25-Aug-2023 00:54
Manganese	0.0501		0.00500	mg/L	1	25-Aug-2023 00:54
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: DW		
Organic Carbon, Total	41.5		10.0	mg/L	10	28-Aug-2023 13:35

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

ALS Houston, US

Date: 30-Aug-23

Client:	Permian Basin Environmental Lab, LP	ANALYTICAL REPORT
Project:	3H18001	WorkOrder:HS23081377
Sample ID:	3H18001-04	Lab ID:HS23081377-04
Collection Date:	17-Aug-2023 12:47	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: SAM		
Ethane	ND		1.00	ug/L	1	23-Aug-2023 17:31
Ethene	ND		1.00	ug/L	1	23-Aug-2023 17:31
Methane	232		5.00	ug/L	10	23-Aug-2023 18:32
DISSOLVED METALS BY SW6020A		Method:SW6020A (dissolved)		Prep:SW3010A / 23-Aug-2023 Analyst: MSC		
Iron	0.847		0.200	mg/L	1	25-Aug-2023 00:57
Manganese	0.0231		0.00500	mg/L	1	25-Aug-2023 00:57
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: DW		
Organic Carbon, Total	32.5		10.0	mg/L	10	28-Aug-2023 13:50

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

ALS Houston, US

Date: 30-Aug-23

Client:	Permian Basin Environmental Lab, LP	ANALYTICAL REPORT
Project:	3H18001	WorkOrder:HS23081377
Sample ID:	3H18001-05	Lab ID:HS23081377-05
Collection Date:	17-Aug-2023 13:15	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: SAM		
Ethane	ND		1.00	ug/L	1	23-Aug-2023 17:40
Ethene	ND		1.00	ug/L	1	23-Aug-2023 17:40
Methane	1,480		25.0	ug/L	50	23-Aug-2023 18:40
DISSOLVED METALS BY SW6020A		Method:SW6020A (dissolved)		Prep:SW3010A / 23-Aug-2023 Analyst: MSC		
Iron	ND		0.200	mg/L	1	25-Aug-2023 00:59
Manganese	0.00774		0.00500	mg/L	1	25-Aug-2023 00:59
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: DW		
Organic Carbon, Total	58.1		20.0	mg/L	20	28-Aug-2023 14:05

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

ALS Houston, US

Date: 30-Aug-23

Client:	Permian Basin Environmental Lab, LP	ANALYTICAL REPORT
Project:	3H18001	WorkOrder:HS23081377
Sample ID:	3H18001-06	Lab ID:HS23081377-06
Collection Date:	17-Aug-2023 13:50	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: SAM		
Ethane	ND		1.00	ug/L	1	23-Aug-2023 17:53
Ethene	ND		1.00	ug/L	1	23-Aug-2023 17:53
Methane	3,000		50.0	ug/L	100	23-Aug-2023 18:49
DISSOLVED METALS BY SW6020A		Method:SW6020A (dissolved)		Prep:SW3010A / 23-Aug-2023 Analyst: MSC		
Iron	ND		0.200	mg/L	1	25-Aug-2023 01:01
Manganese	0.0157		0.00500	mg/L	1	25-Aug-2023 01:01
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: DW		
Organic Carbon, Total	146		20.0	mg/L	20	28-Aug-2023 14:50

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

Weight / Prep Log

Client: Permian Basin Environmental Lab, LP
Project: 3H18001
WorkOrder: HS23081377

Batch ID: 199402	Start Date: 23 Aug 2023 08:00	End Date: 23 Aug 2023 08:00
Method: DISS METALS PREP - WATER - SW3010A		Prep Code: 3010A DISS

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS23081377-01		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23081377-02		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23081377-03		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23081377-04		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23081377-05		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23081377-06		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2

ALS Houston, US

Date: 30-Aug-23

Client: Permian Basin Environmental Lab, LP
Project: 3H18001
WorkOrder: HS23081377

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 199402 (0)		Test Name : DISSOLVED METALS BY SW6020A			Matrix: Water	
HS23081377-01	3H18001-01	17 Aug 2023 11:25		23 Aug 2023 08:00	25 Aug 2023 00:37	1
HS23081377-02	3H18001-02	17 Aug 2023 10:41		23 Aug 2023 08:00	25 Aug 2023 00:52	1
HS23081377-03	3H18001-03	17 Aug 2023 12:05		23 Aug 2023 08:00	25 Aug 2023 00:54	1
HS23081377-04	3H18001-04	17 Aug 2023 12:47		23 Aug 2023 08:00	25 Aug 2023 00:57	1
HS23081377-05	3H18001-05	17 Aug 2023 13:15		23 Aug 2023 08:00	25 Aug 2023 00:59	1
HS23081377-06	3H18001-06	17 Aug 2023 13:50		23 Aug 2023 08:00	25 Aug 2023 01:01	1
Batch ID: R444716 (0)		Test Name : DISSOLVED GASES BY RSK-175			Matrix: Water	
HS23081377-01	3H18001-01	17 Aug 2023 11:25			23 Aug 2023 18:01	2
HS23081377-01	3H18001-01	17 Aug 2023 11:25			23 Aug 2023 16:40	1
HS23081377-02	3H18001-02	17 Aug 2023 10:41			23 Aug 2023 16:49	1
HS23081377-03	3H18001-03	17 Aug 2023 12:05			23 Aug 2023 18:23	10
HS23081377-03	3H18001-03	17 Aug 2023 12:05			23 Aug 2023 17:08	1
HS23081377-04	3H18001-04	17 Aug 2023 12:47			23 Aug 2023 18:32	10
HS23081377-04	3H18001-04	17 Aug 2023 12:47			23 Aug 2023 17:31	1
HS23081377-05	3H18001-05	17 Aug 2023 13:15			23 Aug 2023 18:40	50
HS23081377-05	3H18001-05	17 Aug 2023 13:15			23 Aug 2023 17:40	1
HS23081377-06	3H18001-06	17 Aug 2023 13:50			23 Aug 2023 18:49	100
HS23081377-06	3H18001-06	17 Aug 2023 13:50			23 Aug 2023 17:53	1
Batch ID: R445026 (0)		Test Name : TOTAL ORGANIC CARBON BY E415.1			Matrix: Water	
HS23081377-01	3H18001-01	17 Aug 2023 11:25			28 Aug 2023 12:47	1
HS23081377-02	3H18001-02	17 Aug 2023 10:41			28 Aug 2023 13:20	1
HS23081377-03	3H18001-03	17 Aug 2023 12:05			28 Aug 2023 13:35	10
HS23081377-04	3H18001-04	17 Aug 2023 12:47			28 Aug 2023 13:50	10
HS23081377-05	3H18001-05	17 Aug 2023 13:15			28 Aug 2023 14:05	20
HS23081377-06	3H18001-06	17 Aug 2023 13:50			28 Aug 2023 14:50	20

ALS Houston, US

Date: 30-Aug-23

Client: Permian Basin Environmental Lab, LP
Project: 3H18001
WorkOrder: HS23081377

QC BATCH REPORT

Batch ID: R444716 (0)		Instrument: FID-4		Method: DISSOLVED GASES BY RSK-175					
MBLK	Sample ID: MBLK-230823	Units: ug/L		Analysis Date: 23-Aug-2023 09:09					
Client ID:	Run ID: FID-4_444716		SeqNo: 7507091		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual

Ethane	ND	1.00							
Ethene	ND	1.00							
Methane	ND	0.500							

LCS	Sample ID: LCS-230823	Units: ug/L		Analysis Date: 23-Aug-2023 09:32					
Client ID:	Run ID: FID-4_444716		SeqNo: 7507092		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Ethane	21.22	1.00	18.04	0	118	75 - 125			
Ethene	18.5	1.00	16.8	0	110	75 - 125			
Methane	8.334	0.500	9.647	0	86.4	75 - 125			

LCSD	Sample ID: LCSD-230823	Units: ug/L		Analysis Date: 23-Aug-2023 09:42					
Client ID:	Run ID: FID-4_444716		SeqNo: 7507093		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Ethane	20.94	1.00	18.04	0	116	75 - 125	21.22	1.33	30
Ethene	18.59	1.00	16.8	0	111	75 - 125	18.5	0.451	30
Methane	8.291	0.500	9.647	0	85.9	75 - 125	8.334	0.518	30

DUP	Sample ID: HS23081034-01DUP	Units: ug/L		Analysis Date: 23-Aug-2023 11:04					
Client ID:	Run ID: FID-4_444716		SeqNo: 7507099		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Ethane	ND	1.00					0.5532	0	30
Ethene	1.263	1.00					1.279	1.21	30
Methane	12.66	0.500					12.63	0.219	30

The following samples were analyzed in this batch:

HS23081377-01	HS23081377-02	HS23081377-03	HS23081377-04
HS23081377-05	HS23081377-06		

ALS Houston, US

Date: 30-Aug-23

Client: Permian Basin Environmental Lab, LP
Project: 3H18001
WorkOrder: HS23081377

QC BATCH REPORT

Batch ID: 199402 (0)		Instrument: ICPMS07		Method: DISSOLVED METALS BY SW6020A (DISSOLVED)					
MBLK	Sample ID: MBLK-199402	Units: mg/L		Analysis Date: 25-Aug-2023 00:33					
Client ID:	Run ID: ICPMS07_444745	SeqNo: 7509070		PrepDate: 23-Aug-2023		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Iron	ND	0.200							
Manganese	ND	0.00500							
LCS	Sample ID: LCS-199402	Units: mg/L		Analysis Date: 25-Aug-2023 00:35					
Client ID:	Run ID: ICPMS07_444745	SeqNo: 7509071		PrepDate: 23-Aug-2023		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Iron	5.186	0.200	5	0	104	80 - 120			
Manganese	0.05169	0.00500	0.05	0	103	80 - 120			
MS	Sample ID: HS23081377-01MS	Units: mg/L		Analysis Date: 25-Aug-2023 00:41					
Client ID: 3H18001-01	Run ID: ICPMS07_444745	SeqNo: 7509074		PrepDate: 23-Aug-2023		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Iron	5.108	0.200	5	0.05941	101	75 - 125			
Manganese	0.09134	0.00500	0.05	0.04023	102	75 - 125			
MSD	Sample ID: HS23081377-01MSD	Units: mg/L		Analysis Date: 25-Aug-2023 00:44					
Client ID: 3H18001-01	Run ID: ICPMS07_444745	SeqNo: 7509075		PrepDate: 23-Aug-2023		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Iron	5.088	0.200	5	0.05941	101	75 - 125	5.108	0.396	20
Manganese	0.09012	0.00500	0.05	0.04023	99.8	75 - 125	0.09134	1.35	20
PDS	Sample ID: HS23081377-01PDS	Units: mg/L		Analysis Date: 25-Aug-2023 00:46					
Client ID: 3H18001-01	Run ID: ICPMS07_444745	SeqNo: 7509076		PrepDate: 23-Aug-2023		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Iron	10.74	0.200	10	0.05941	107	75 - 125			
Manganese	0.1471	0.00500	0.1	0.04023	107	75 - 125			

ALS Houston, US

Date: 30-Aug-23

Client: Permian Basin Environmental Lab, LP
Project: 3H18001
WorkOrder: HS23081377

QC BATCH REPORT

Batch ID: 199402 (0)		Instrument: ICPMS07		Method: DISSOLVED METALS BY SW6020A (DISSOLVED)						
SD	Sample ID: HS23081377-01	SD	Units: mg/L		Analysis Date: 25-Aug-2023 00:39					
Client ID: 3H18001-01	Run ID: ICPMS07_444745		SeqNo: 7509073		PrepDate: 23-Aug-2023		DF: 5			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	Limit	Qual
Iron	0.1276	1.00					0.05941	0	10	J
Manganese	0.04263	0.0250					0.04023	5.96	10	
The following samples were analyzed in this batch:			HS23081377-01		HS23081377-02		HS23081377-03		HS23081377-04	
			HS23081377-05		HS23081377-06					

ALS Houston, US

Date: 30-Aug-23

Client: Permian Basin Environmental Lab, LP
Project: 3H18001
WorkOrder: HS23081377

QC BATCH REPORT

Batch ID: R445026 (0)		Instrument: TOC_05		Method: TOTAL ORGANIC CARBON BY E415.1					
MBLK	Sample ID: MBLK-08282023	Units: mg/L		Analysis Date: 28-Aug-2023 11:43					
Client ID:	Run ID: TOC_05_445026	SeqNo: 7514218		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Organic Carbon, Total	ND	1.00							
LCS	Sample ID: LCS-08282023	Units: mg/L		Analysis Date: 28-Aug-2023 11:59					
Client ID:	Run ID: TOC_05_445026	SeqNo: 7514219		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Organic Carbon, Total	10.41	1.00	10	0	104	85 - 115			
LCSD	Sample ID: LCSD-08282023	Units: mg/L		Analysis Date: 28-Aug-2023 12:14					
Client ID:	Run ID: TOC_05_445026	SeqNo: 7514220		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Organic Carbon, Total	10.34	1.00	10	0	103	85 - 115	10.41	0.675	20
MS	Sample ID: HS23081377-01MS	Units: mg/L		Analysis Date: 28-Aug-2023 12:47					
Client ID: 3H18001-01	Run ID: TOC_05_445026	SeqNo: 7514308		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Organic Carbon, Total	33.79	1.00	10	23.04	108	80 - 120			
The following samples were analyzed in this batch:									
HS23081377-01		HS23081377-02		HS23081377-03		HS23081377-04			
HS23081377-05		HS23081377-06							

ALS Houston, US

Date: 30-Aug-23

Client: Permian Basin Environmental Lab, LP
Project: 3H18001
WorkOrder: HS23081377

**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: 30-Aug-23

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arkansas	88-00356	27-Mar-2024
California	2919; 2024	30-Apr-2024
Dept of Defense	L23-358	31-May-2025
Florida	E87611-38	30-Jun-2024
Illinois	2000322023-11	30-Jun-2024
Kansas	E-10352 2023-2024	31-Jul-2024
Louisiana	03087 2023-2024	30-Jun-2024
Maryland	343; 2023-2024	30-Jun-2024
North Carolina	624-2023	31-Dec-2023
North Dakota	R-193 2023-2024	30-Apr-2024
Oklahoma	2022-141	31-Aug-2023
Texas	T104704231-23-31	30-Apr-2024
Utah	TX026932023-14	31-Jul-2024

ALS Houston, US

Date: 30-Aug-23

Sample Receipt Checklist

Work Order ID: HS23081377

Date/Time Received: 22-Aug-2023 09:40

Client Name: Permian Basin Lab

Received by: Corey Grandits

Completed By: /S/ Corey Grandits	22-Aug-2023 18:48	Reviewed by: /S/ Anna Kinchen	25-Aug-2023 13:40
eSignature	Date/Time	eSignature	Date/Time

Matrices: WCarrier 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 ☐	
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):

3.7UC/3.6C IR31

Cooler(s)/Kit(s):

Red

Date/Time sample(s) sent to storage:

8/22/23

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:

Si Ma

Login Notes: BH18001-06 TOC pH at receipt 7, preserved with 0.5ml of H2SO4 (Lot:3100606423). pH after preservation 1.

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

Corrective Action:

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental |
1400 Rankin HWY
Midland, Texas 79701

HS23081377

Permian Basin Environmental Lab, LP
3H18001

Project Manager: Brent Barron

Company Name PBEL

Company Address: 1400 Rankin HWY

City/State/Zip: Midland Texas 79701

Telephone No: 432-661-4184

Fax No:

Report Format: X Standard

☐ TRRP

☐ NPDES

Sampler Signature: N/A

e-mail: brentbarron@pbelab.com

PO #:

[illegible]

ORIGIN ID:MAFA (432) 696-7235
BENT BARON
FEB LAB
1400 PARKIN HWY
MIDLAND, TX 79701
UNITED STATES US
SHIP DATE: 21AUG23
ACTWGT: 35.00 LB
DIM: 10/7/36/46/NET/4335
BILL RECIPIENT

TO **SAMPLE RECEIVING**
ALS-HOUSTON
10450 STANCLIFF RD

HOUSTON TX 77099

REF: 028115303615

DEPT:

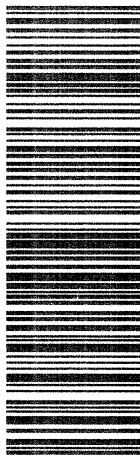
583J4/C62B/9AE3



TUE - 22 AUG 5:00P
STANDARD OVERNIGHT

TRK# 7731 1883 8266

XA SGRA
77099
TX-US IAH



Red

AUG 22 2023

After printing this label
CONSIGNEE COPY - PLEASE PLACE IN FRONT OF POUCH
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2. Place label in shipping pouch and affix it to your shipment.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

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



Analytical Report

Prepared for:

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

Project: 97-17
Project Number: TNM 97-17
Location: Lea County New Mexico
Lab Order Number: 3H24002



Current Certification

Report Date: 08/31/23

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-20	3H24002-01	Water	08/17/23 16:04	08-24-2023 09:00
RW-1	3H24002-02	Water	08/17/23 16:33	08-24-2023 09:00
RW-4	3H24002-03	Water	08/18/23 10:33	08-24-2023 09:00
RW-6	3H24002-04	Water	08/18/23 10:59	08-24-2023 09:00
MW-14	3H24002-05	Water	08/18/23 11:22	08-24-2023 09:00
RW-5	3H24002-06	Water	08/18/23 11:52	08-24-2023 09:00
MW-4	3H24002-07	Water	08/18/23 12:38	08-24-2023 09:00

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

MW-20
3H24002-01 (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	P3H2405	08/24/23 12:55	08/24/23 18:11	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3H2405	08/24/23 12:55	08/24/23 18:11	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3H2405	08/24/23 12:55	08/24/23 18:11	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3H2405	08/24/23 12:55	08/24/23 18:11	EPA 8021B	
Xylene (o)	0.00101	0.00100	mg/L	1	P3H2405	08/24/23 12:55	08/24/23 18:11	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	89.2 %		80-120		P3H2405	08/24/23 12:55	08/24/23 18:11	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	89.6 %		80-120		P3H2405	08/24/23 12:55	08/24/23 18:11	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	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

RW-1
3H24002-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC									
Benzene	0.00502	0.00100	mg/L	1	P3H2405	08/24/23 12:55	08/24/23 18:35	EPA 8021B	
Toluene	0.00359	0.00100	mg/L	1	P3H2405	08/24/23 12:55	08/24/23 18:35	EPA 8021B	
Ethylbenzene	0.00413	0.00100	mg/L	1	P3H2405	08/24/23 12:55	08/24/23 18:35	EPA 8021B	
Xylene (p/m)	0.00338	0.00200	mg/L	1	P3H2405	08/24/23 12:55	08/24/23 18:35	EPA 8021B	
Xylene (o)	0.00746	0.00100	mg/L	1	P3H2405	08/24/23 12:55	08/24/23 18:35	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	87.3 %	80-120			P3H2405	08/24/23 12:55	08/24/23 18:35	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	86.1 %	80-120			P3H2405	08/24/23 12:55	08/24/23 18:35	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

RW-4
3H24002-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC									
Benzene	0.222	0.00500	mg/L	5	P3H2405	08/24/23 12:55	08/24/23 18:58	EPA 8021B	
Toluene	0.00505	0.00500	mg/L	5	P3H2405	08/24/23 12:55	08/24/23 18:58	EPA 8021B	
Ethylbenzene	0.0918	0.00500	mg/L	5	P3H2405	08/24/23 12:55	08/24/23 18:58	EPA 8021B	
Xylene (p/m)	0.0713	0.0100	mg/L	5	P3H2405	08/24/23 12:55	08/24/23 18:58	EPA 8021B	
Xylene (o)	0.00545	0.00500	mg/L	5	P3H2405	08/24/23 12:55	08/24/23 18:58	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	91.4 %		80-120		P3H2405	08/24/23 12:55	08/24/23 18:58	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	89.2 %		80-120		P3H2405	08/24/23 12:55	08/24/23 18:58	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

RW-6
3H24002-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC									
Benzene	0.101	0.00100	mg/L	1	P3H2405	08/24/23 12:55	08/25/23 13:02	EPA 8021B	
Toluene	0.0222	0.00100	mg/L	1	P3H2405	08/24/23 12:55	08/25/23 13:02	EPA 8021B	
Ethylbenzene	0.0854	0.00100	mg/L	1	P3H2405	08/24/23 12:55	08/25/23 13:02	EPA 8021B	
Xylene (p/m)	0.0737	0.00200	mg/L	1	P3H2405	08/24/23 12:55	08/25/23 13:02	EPA 8021B	
Xylene (o)	0.0235	0.00100	mg/L	1	P3H2405	08/24/23 12:55	08/25/23 13:02	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	89.0 %		80-120		P3H2405	08/24/23 12:55	08/25/23 13:02	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	87.7 %		80-120		P3H2405	08/24/23 12:55	08/25/23 13:02	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	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

MW-14
3H24002-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC									
Benzene	0.178	0.00100	mg/L	1	P3H2405	08/24/23 12:55	08/24/23 19:45	EPA 8021B	
Toluene	0.00526	0.00100	mg/L	1	P3H2405	08/24/23 12:55	08/24/23 19:45	EPA 8021B	
Ethylbenzene	0.151	0.00100	mg/L	1	P3H2405	08/24/23 12:55	08/24/23 19:45	EPA 8021B	
Xylene (p/m)	0.0509	0.00200	mg/L	1	P3H2405	08/24/23 12:55	08/24/23 19:45	EPA 8021B	
Xylene (o)	0.00575	0.00100	mg/L	1	P3H2405	08/24/23 12:55	08/24/23 19:45	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	84.2 %		80-120		P3H2405	08/24/23 12:55	08/24/23 19:45	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	87.8 %		80-120		P3H2405	08/24/23 12:55	08/24/23 19:45	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

RW-5
3H24002-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC									
Benzene	0.146	0.00100	mg/L	1	P3H2405	08/24/23 12:55	08/25/23 13:26	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3H2405	08/24/23 12:55	08/25/23 13:26	EPA 8021B	
Ethylbenzene	0.00477	0.00100	mg/L	1	P3H2405	08/24/23 12:55	08/25/23 13:26	EPA 8021B	
Xylene (p/m)	0.00693	0.00200	mg/L	1	P3H2405	08/24/23 12:55	08/25/23 13:26	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3H2405	08/24/23 12:55	08/25/23 13:26	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	85.9 %	80-120			P3H2405	08/24/23 12:55	08/25/23 13:26	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	92.5 %	80-120			P3H2405	08/24/23 12:55	08/25/23 13:26	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

MW-4
3H24002-07 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC									
Benzene	1.62	0.00500	mg/L	5	P3H2405	08/24/23 12:55	08/24/23 20:32	EPA 8021B	
Toluene	0.00810	0.00500	mg/L	5	P3H2405	08/24/23 12:55	08/24/23 20:32	EPA 8021B	
Ethylbenzene	0.0175	0.00500	mg/L	5	P3H2405	08/24/23 12:55	08/24/23 20:32	EPA 8021B	
Xylene (p/m)	0.0629	0.0100	mg/L	5	P3H2405	08/24/23 12:55	08/24/23 20:32	EPA 8021B	
Xylene (o)	0.00660	0.00500	mg/L	5	P3H2405	08/24/23 12:55	08/24/23 20:32	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	84.8 %		80-120		P3H2405	08/24/23 12:55	08/24/23 20:32	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	92.8 %		80-120		P3H2405	08/24/23 12:55	08/24/23 20:32	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3H2405 - *** DEFAULT PREP ***

Blank (P3H2405-BLK1)			Prepared & Analyzed: 08/24/23							
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		97.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		96.1	80-120			

LCS (P3H2405-BS1)			Prepared & Analyzed: 08/24/23							
Benzene	0.0969	0.00100	mg/L	0.100		96.9	80-120			
Toluene	0.0920	0.00100	"	0.100		92.0	80-120			
Ethylbenzene	0.100	0.00100	"	0.100		100	80-120			
Xylene (p/m)	0.202	0.00200	"	0.200		101	80-120			
Xylene (o)	0.0892	0.00100	"	0.100		89.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.8	80-120			

LCS Dup (P3H2405-BSD1)			Prepared & Analyzed: 08/24/23							
Benzene	0.0917	0.00100	mg/L	0.100		91.7	80-120	5.52	20	
Toluene	0.0860	0.00100	"	0.100		86.0	80-120	6.73	20	
Ethylbenzene	0.0940	0.00100	"	0.100		94.0	80-120	6.49	20	
Xylene (p/m)	0.191	0.00200	"	0.200		95.4	80-120	5.58	20	
Xylene (o)	0.0846	0.00100	"	0.100		84.6	80-120	5.30	20	
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		96.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.5	80-120			

Calibration Blank (P3H2405-CCB1)			Prepared & Analyzed: 08/24/23							
Benzene	0.140		ug/l							
Toluene	0.210		"							
Ethylbenzene	0.100		"							
Xylene (p/m)	0.160		"							
Xylene (o)	0.170		"							
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		96.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.8	80-120			

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

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

Batch P3H2405 - *** DEFAULT PREP ***

Calibration Blank (P3H2405-CCB2)				Prepared & Analyzed: 08/24/23						
Benzene	0.120		ug/l							
Toluene	0.280		"							
Ethylbenzene	0.150		"							
Xylene (p/m)	0.370		"							
Xylene (o)	0.320		"							
Surrogate: 4-Bromofluorobenzene	0.108		"	0.120		90.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.111		"	0.120		92.8	80-120			

Calibration Check (P3H2405-CCV1)				Prepared & Analyzed: 08/24/23						
Benzene	0.0952	0.00100	mg/L	0.100		95.2	80-120			
Toluene	0.0975	0.00100	"	0.100		97.5	80-120			
Ethylbenzene	0.104	0.00100	"	0.100		104	80-120			
Xylene (p/m)	0.220	0.00200	"	0.200		110	80-120			
Xylene (o)	0.100	0.00100	"	0.100		100	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.2	80-120			

Calibration Check (P3H2405-CCV2)				Prepared & Analyzed: 08/24/23						
Benzene	0.0915	0.00100	mg/L	0.100		91.5	80-120			
Toluene	0.0897	0.00100	"	0.100		89.7	80-120			
Ethylbenzene	0.0948	0.00100	"	0.100		94.8	80-120			
Xylene (p/m)	0.199	0.00200	"	0.200		99.4	80-120			
Xylene (o)	0.0914	0.00100	"	0.100		91.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.109		"	0.120		90.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.4	80-120			

Calibration Check (P3H2405-CCV3)				Prepared: 08/24/23 Analyzed: 08/25/23						
Benzene	0.0972	0.00100	mg/L	0.100		97.2	80-120			
Toluene	0.0927	0.00100	"	0.100		92.7	80-120			
Ethylbenzene	0.0942	0.00100	"	0.100		94.2	80-120			
Xylene (p/m)	0.197	0.00200	"	0.200		98.4	80-120			
Xylene (o)	0.0876	0.00100	"	0.100		87.6	80-120			
Surrogate: 4-Bromofluorobenzene	0.108		"	0.120		90.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.4	80-120			

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3H2405 - *** DEFAULT PREP ***

Matrix Spike (P3H2405-MS1)	Source: 3H24004-01			Prepared: 08/24/23 Analyzed: 08/25/23						
Benzene	0.0982	0.00100	mg/L	0.100	0.00499	93.2	80-120			
Toluene	0.0888	0.00100	"	0.100	ND	88.8	80-120			
Ethylbenzene	0.0903	0.00100	"	0.100	0.0599	30.4	80-120			QM-05
Xylene (p/m)	0.178	0.00200	"	0.200	0.0450	66.3	80-120			QM-05
Xylene (o)	0.0779	0.00100	"	0.100	0.00844	69.4	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	0.108		"	0.120		90.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.9	80-120			

Matrix Spike Dup (P3H2405-MSD1)	Source: 3H24004-01			Prepared: 08/24/23 Analyzed: 08/25/23						
Benzene	0.0966	0.00100	mg/L	0.100	0.00499	91.6	80-120	1.71	20	
Toluene	0.0873	0.00100	"	0.100	ND	87.3	80-120	1.68	20	
Ethylbenzene	0.0896	0.00100	"	0.100	0.0599	29.7	80-120	2.59	20	QM-05
Xylene (p/m)	0.174	0.00200	"	0.200	0.0450	64.7	80-120	2.49	20	QM-05
Xylene (o)	0.0766	0.00100	"	0.100	0.00844	68.1	80-120	1.86	20	QM-05
Surrogate: 4-Bromofluorobenzene	0.107		"	0.120		89.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.7	80-120			

Permian Basin Environmental Lab, L.P.

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

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

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

Notes and Definitions

ROI Received on Ice

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

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

NPBEL C Chain of Custody was not generated at PBELAB

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

8/31/2023

Brent Barron, Laboratory Director/Technical Director

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

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

Permian Basin Environmental Lab, L.P.

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

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

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

Permian Basin Environmental Lab, L.P.

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

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



Analytical Report Rev. 1

Prepared for:

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

Project: 97-17_MNA
Project Number: TNM 97-17
Location: Lea County, NM
Lab Order Number: 3L15006



Current Certification

Report Date: 01/09/24

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

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

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-25	3L15006-01	Water	12/14/23 10:47	12-15-2023 08:45
MW-11	3L15006-02	Water	12/14/23 11:52	12-15-2023 08:45
RW-3	3L15006-03	Water	12/14/23 13:55	12-15-2023 08:45
MW-5	3L15006-04	Water	12/14/23 12:48	12-15-2023 08:45
MW-7	3L15006-05	Water	12/14/23 14:59	12-15-2023 08:45
MW-19	3L15006-06	Water	12/14/23 15:42	12-15-2023 08:45

Due to an autosampler failure on our water Ion Chromatograph we were unable to process Sulfate and Nitrate samples the time of the failure. The analysts had made fresh standards specifically for this analysis. The samples and the standard were stored at the same location. Upon receipt of a new autosampler and verifying the calibration, the samples were processed using the same standard that the samples had been stored with. All QC passed. Additionally, Historical data has been reviewed and these results were compared to the current samples. There were very few, if any, statistical anomalies.

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

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

This revised report reflects the correction of several data entry errors due to the wrong report being imported.

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

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

MW-25
3L15006-01 (Water)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P3L2206	12/22/23 08:00	12/22/23 22:46	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P3L2206	12/22/23 08:00	12/22/23 22:46	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P3L2206	12/22/23 08:00	12/22/23 22:46	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P3L2206	12/22/23 08:00	12/22/23 22:46	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P3L2206	12/22/23 08:00	12/22/23 22:46	EPA 8021B
Surrogate: 4-Bromofluorobenzene	87.0 %	80-120		P3L2206	12/22/23 08:00	12/22/23 22:46	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	91.7 %	80-120		P3L2206	12/22/23 08:00	12/22/23 22:46	EPA 8021B	
Ethane	ND	0.00100	mg/L	1	P4A0206	12/20/23 09:54	12/20/23 09:54	8015M
Ethene	ND	0.00100	mg/L	1	P4A0206	12/20/23 09:54	12/20/23 09:54	8015M
Methane	0.111	0.00250	mg/L	1	P4A0206	12/20/23 09:54	12/20/23 10:52	8015M

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	59.0	2.00	mg/L	1	P4A0802	01/08/24 09:11	01/08/24 14:51	8000
Nitrate as N	ND	2.00	mg/L	10	P3L1707	12/15/23 17:00	12/18/23 21:49	EPA 300.0
Sulfate	2310	100	mg/L	100	P3L1707	12/15/23 17:00	12/18/23 18:36	EPA 300.0
Total Organic Carbon	19.0	10.0	mg/L	1	P4A0206	12/27/23 21:10	12/27/23 21:10	EPA 415.1

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P4A0206	12/20/23 16:00	12/28/23 01:00	EPA 6020A	SUB-13
Manganese	0.0556	0.00500	mg/L	1	P4A0206	12/20/23 16:00	12/28/23 01:00	EPA 6020A	SUB-13

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

MW-11
3L15006-02 (Water)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P3L2206	12/22/23 08:00	12/22/23 23:09	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P3L2206	12/22/23 08:00	12/22/23 23:09	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P3L2206	12/22/23 08:00	12/22/23 23:09	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P3L2206	12/22/23 08:00	12/22/23 23:09	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P3L2206	12/22/23 08:00	12/22/23 23:09	EPA 8021B
Surrogate: 4-Bromofluorobenzene	84.8 %	80-120		P3L2206	12/22/23 08:00	12/22/23 23:09	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	89.9 %	80-120		P3L2206	12/22/23 08:00	12/22/23 23:09	EPA 8021B	
Ethane	0.00301	0.00100	mg/L	1	P4A0206	12/20/23 10:05	12/20/23 10:05	8015M
Ethene	ND	0.00100	mg/L	1	P4A0206	12/20/23 10:05	12/20/23 10:05	8015M
Methane	0.00339	0.000500	mg/L	1	P4A0206	12/20/23 10:05	12/20/23 10:05	8015M

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	36.0	2.00	mg/L	1	P4A0802	01/08/24 09:11	01/08/24 14:51	8000
Nitrate as N	ND	2.00	mg/L	10	P3L1707	12/15/23 17:00	12/18/23 22:53	EPA 300.0
Sulfate	2170	100	mg/L	100	P3L1707	12/15/23 17:00	12/18/23 19:40	EPA 300.0
Total Organic Carbon	ND	10.0	mg/L	1	P4A0206	12/27/23 21:24	12/27/23 21:24	EPA 415.1

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P4A0206	12/20/23 16:00	12/28/23 01:03	EPA 6020A	SUB-13
Manganese	0.0439	0.00500	mg/L	1	P4A0206	12/20/23 16:00	12/28/23 01:03	EPA 6020A	SUB-13

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

RW-3
3L15006-03 (Water)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00100	mg/L	1	P3L2206	12/22/23 08:00	12/22/23 23:32	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P3L2206	12/22/23 08:00	12/22/23 23:32	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P3L2206	12/22/23 08:00	12/22/23 23:32	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P3L2206	12/22/23 08:00	12/22/23 23:32	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P3L2206	12/22/23 08:00	12/22/23 23:32	EPA 8021B
Surrogate: 4-Bromofluorobenzene	85.5 %	80-120		P3L2206	12/22/23 08:00	12/22/23 23:32	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	89.9 %	80-120		P3L2206	12/22/23 08:00	12/22/23 23:32	EPA 8021B	
Ethane	ND	0.00100	mg/L	1	P4A0206	12/20/23 10:16	12/20/23 10:16	8015M
Ethene	0.00147	0.00100	mg/L	1	P4A0206	12/20/23 10:16	12/20/23 10:16	8015M
Methane	0.124	0.00100	mg/L	1	P4A0206	12/20/23 10:16	12/20/23 11:03	8015M

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	91.0	2.00	mg/L	1	P4A0802	01/08/24 09:11	01/08/24 14:51	8000
Nitrate as N	ND	2.00	mg/L	10	P3L1707	12/15/23 17:00	12/18/23 23:14	EPA 300.0
Sulfate	2860	100	mg/L	100	P3L1707	12/15/23 17:00	12/18/23 20:02	EPA 300.0
Total Organic Carbon	18.3	10.0	mg/L	1	P4A0206	12/27/23 21:38	12/27/23 21:38	EPA 415.1

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P4A0206	12/20/23 16:00	12/28/23 01:05	EPA 6020A	SUB-13
Manganese	0.0193	0.00500	mg/L	1	P4A0206	12/20/23 16:00	12/28/23 01:05	EPA 6020A	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_MNA
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW-5
3L15006-04 (Water)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.00194	0.00100	mg/L	1	P3L2206	12/22/23 08:00	12/23/23 00:42	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P3L2206	12/22/23 08:00	12/23/23 00:42	EPA 8021B
Ethylbenzene	ND	0.00100	mg/L	1	P3L2206	12/22/23 08:00	12/23/23 00:42	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P3L2206	12/22/23 08:00	12/23/23 00:42	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P3L2206	12/22/23 08:00	12/23/23 00:42	EPA 8021B
Surrogate: 4-Bromofluorobenzene	83.6 %	80-120		P3L2206	12/22/23 08:00	12/23/23 00:42	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	88.9 %	80-120		P3L2206	12/22/23 08:00	12/23/23 00:42	EPA 8021B	
Ethane	ND	0.00100	mg/L	1	P4A0206	12/20/23 10:24	12/20/23 10:24	8015M
Ethene	0.00225	0.00100	mg/L	1	P4A0206	12/20/23 10:24	12/20/23 10:24	8015M
Methane	0.293	0.00500	mg/L	1	P4A0206	12/20/23 10:24	12/20/23 11:15	8015M

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	296	4.00	mg/L	1	P4A0802	01/08/24 09:11	01/08/24 14:51	8000
Nitrate as N	ND	2.00	mg/L	10	P3L1707	12/15/23 17:00	12/18/23 23:36	EPA 300.0
Sulfate	2250	100	mg/L	100	P3L1707	12/15/23 17:00	12/18/23 20:23	EPA 300.0
Total Organic Carbon	18.5	10.0	mg/L	1	P4A0206	12/27/23 23:34	12/27/23 23:34	EPA 415.1

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P4A0206	12/20/23 16:00	12/28/23 01:07	EPA 6020A	SUB-13
Manganese	0.00616	0.00500	mg/L	1	P4A0206	12/20/23 16:00	12/28/23 01:07	EPA 6020A	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_MNA
Project Number: TNM 97-17
Project Manager: Curt Stanley

MW-7
3L15006-05 (Water)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.0434	0.00100	mg/L	1	P3L2206	12/22/23 08:00	12/23/23 01:05	EPA 8021B
Toluene	ND	0.00100	mg/L	1	P3L2206	12/22/23 08:00	12/23/23 01:05	EPA 8021B
Ethylbenzene	0.00245	0.00100	mg/L	1	P3L2206	12/22/23 08:00	12/23/23 01:05	EPA 8021B
Xylene (p/m)	ND	0.00200	mg/L	1	P3L2206	12/22/23 08:00	12/23/23 01:05	EPA 8021B
Xylene (o)	ND	0.00100	mg/L	1	P3L2206	12/22/23 08:00	12/23/23 01:05	EPA 8021B
Surrogate: 4-Bromofluorobenzene	85.2 %	80-120			P3L2206	12/22/23 08:00	12/23/23 01:05	EPA 8021B
Surrogate: 1,4-Difluorobenzene	90.0 %	80-120			P3L2206	12/22/23 08:00	12/23/23 01:05	EPA 8021B
Ethane	0.00275	0.00101	mg/L	1	P4A0206	12/20/23 10:34	12/26/23 19:40	8015M
Ethene	ND	0.00101	mg/L	1	P4A0206	12/20/23 10:34	12/26/23 19:40	8015M
Methane	0.197	0.00101	mg/L	1	P4A0206	12/20/23 10:34	12/26/23 19:40	8015M

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	49.0	2.00	mg/L	1	P4A0802	01/08/24 09:11	01/08/24 14:51	8000
Nitrate as N	ND	2.00	mg/L	10	P3L1707	12/15/23 17:00	12/18/23 23:57	EPA 300.0
Sulfate	2620	100	mg/L	100	P3L1707	12/15/23 17:00	12/18/23 20:45	EPA 300.0
Total Organic Carbon	11.8	10.0	mg/L	1	P4A0206	12/28/23 00:04	12/28/23 00:04	EPA 415.1

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P4A0206	12/20/23 16:00	12/28/23 01:10	EPA 6020A	SUB-13
Manganese	0.0115	0.00500	mg/L	1	P4A0206	12/20/23 16:00	12/28/23 01:10	EPA 6020A	SUB-13

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.0048	0.0010	mg/L	1	P4A0206	12/21/23 12:00	12/26/23 19:40	8270C
2-Methylnaphthalene	0.00093	0.00010	mg/L	1	P4A0206	12/21/23 12:00	12/26/23 19:40	8270C
Acenaphthene	ND	0.0050	mg/L	1	P4A0206	12/21/23 12:00	12/26/23 19:40	8270C
Acenaphthylene	ND	0.00010	mg/L	1	P4A0206	12/21/23 12:00	12/26/23 19:40	8270C
Anthracene	ND	0.00010	mg/L	1	P4A0206	12/21/23 12:00	12/26/23 19:40	8270C
Benzo (a) anthracene	ND	0.00010	mg/L	1	P4A0206	12/21/23 12:00	12/26/23 19:40	8270C
Benzo (a) pyrene	ND	0.00010	mg/L	1	P4A0206	12/21/23 12:00	12/26/23 19:40	8270C
Benzo (b) fluoranthene	ND	0.00010	mg/L	1	P4A0206	12/21/23 12:00	12/26/23 19:40	8270C
Benzo (g,h,i) perylene	ND	0.00010	mg/L	1	P4A0206	12/21/23 12:00	12/26/23 19:40	8270C
Benzo (k) fluoranthene	ND	0.00010	mg/L	1	P4A0206	12/21/23 12:00	12/26/23 19:40	8270C
Chrysene	ND	0.00010	mg/L	1	P4A0206	12/21/23 12:00	12/26/23 19:40	8270C
Dibenzo (a,h) anthracene	ND	0.00010	mg/L	1	P4A0206	12/21/23 12:00	12/26/23 19:40	8270C
Fluoranthene	ND	0.00010	mg/L	1	P4A0206	12/21/23 12:00	12/26/23 19:40	8270C
Fluorene	0.00026	0.00010	mg/L	1	P4A0206	12/21/23 12:00	12/26/23 19:40	8270C
Indeno (1,2,3-cd) pyrene	ND	0.00010	mg/L	1	P4A0206	12/21/23 12:00	12/26/23 19:40	8270C
Naphthalene	ND	0.00010	mg/L	1	P4A0206	12/21/23 12:00	12/26/23 19:40	8270C
Phenanthrene	ND	0.00010	mg/L	1	P4A0206	12/21/23 12:00	12/26/23 19:40	8270C
Pyrene	ND	0.00010	mg/L	1	P4A0206	12/21/23 12:00	12/26/23 19:40	8270C

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

MW-19
3L15006-06 (Water)

Analyte	Limit Result	Reporting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.116	0.00100	mg/L	1	P3L2206	12/22/23 08:00	12/23/23 01:28	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3L2206	12/22/23 08:00	12/23/23 01:28	EPA 8021B	
Ethylbenzene	0.00357	0.00100	mg/L	1	P3L2206	12/22/23 08:00	12/23/23 01:28	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3L2206	12/22/23 08:00	12/23/23 01:28	EPA 8021B	
Xylene (o)	0.00562	0.00100	mg/L	1	P3L2206	12/22/23 08:00	12/23/23 01:28	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	79.6 %	80-120			P3L2206	12/22/23 08:00	12/23/23 01:28	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene	87.3 %	80-120			P3L2206	12/22/23 08:00	12/23/23 01:28	EPA 8021B	
Ethane	ND	0.000105	mg/L	1	P4A0206	12/20/23 10:43	12/26/23 20:00	8015M	
Ethene	ND	0.000105	mg/L	1	P4A0206	12/20/23 10:43	12/26/23 20:00	8015M	
Methane	2.22	0.00105	mg/L	1	P4A0206	12/20/23 10:43	12/26/23 20:00	8015M	

General Chemistry Parameters by EPA / Standard Methods

Chemical Oxygen Demand	406	4.00	mg/L	1	P4A0802	01/08/24 09:11	01/08/24 14:51	8000	
Nitrate as N	ND	2.00	mg/L	10	P3L1707	12/15/23 17:00	12/19/23 00:18	EPA 300.0	
Sulfate	1200	100	mg/L	100	P3L1707	12/15/23 17:00	12/18/23 21:06	EPA 300.0	
Total Organic Carbon	167	10.0	mg/L	1	P4A0206	12/28/23 00:20	12/28/23 00:20	EPA 415.1	

Dissolved Metals by EPA / Standard Methods

Iron	ND	0.200	mg/L	1	P4A0206	12/20/23 16:00	12/28/23 01:12	EPA 6020A	SUB-13
Manganese	0.0246	0.00500	mg/L	1	P4A0206	12/20/23 16:00	12/28/23 01:12	EPA 6020A	SUB-13

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.0078	0.0010	mg/L	1	P4A0206	12/21/23 12:00	12/26/23 20:00	8270C	
2-Methylnaphthalene	0.0012	0.0010	mg/L	1	P4A0206	12/21/23 12:00	12/26/23 20:00	8270C	
Acenaphthene	0.00029	0.00011	mg/L	1	P4A0206	12/21/23 12:00	12/26/23 20:00	8270C	
Acenaphthylene	0.00034	0.00011	mg/L	1	P4A0206	12/21/23 12:00	12/26/23 20:00	8270C	
Anthracene	ND	0.00011	mg/L	1	P4A0206	12/21/23 12:00	12/26/23 20:00	8270C	
Benzo (a) anthracene	ND	0.00011	mg/L	1	P4A0206	12/21/23 12:00	12/26/23 20:00	8270C	
Benzo (a) pyrene	ND	0.00011	mg/L	1	P4A0206	12/21/23 12:00	12/26/23 20:00	8270C	
Benzo (b) fluoranthene	ND	0.00011	mg/L	1	P4A0206	12/21/23 12:00	12/26/23 20:00	8270C	
Benzo (g,h,i) perylene	ND	0.00011	mg/L	1	P4A0206	12/21/23 12:00	12/26/23 20:00	8270C	
Benzo (k) fluoranthene	ND	0.00011	mg/L	1	P4A0206	12/21/23 12:00	12/26/23 20:00	8270C	
Chrysene	ND	0.00011	mg/L	1	P4A0206	12/21/23 12:00	12/26/23 20:00	8270C	
Dibenzo (a,h) anthracene	ND	0.00011	mg/L	1	P4A0206	12/21/23 12:00	12/26/23 20:00	8270C	
Fluoranthene	ND	0.00011	mg/L	1	P4A0206	12/21/23 12:00	12/26/23 20:00	8270C	
Fluorene	0.00092	0.00011	mg/L	1	P4A0206	12/21/23 12:00	12/26/23 20:00	8270C	
Indeno (1,2,3-cd) pyrene	ND	0.00011	mg/L	1	P4A0206	12/21/23 12:00	12/26/23 20:00	8270C	
Naphthalene	0.0024	0.00011	mg/L	1	P4A0206	12/21/23 12:00	12/26/23 20:00	8270C	
Phenanthrene	0.00046	0.00011	mg/L	1	P4A0206	12/21/23 12:00	12/26/23 20:00	8270C	
Pyrene	ND	0.00011	mg/L	1	P4A0206	12/21/23 12:00	12/26/23 20:00	8270C	

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

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3L2206 - *** DEFAULT PREP ***

Blank (P3L2206-BLK1)		Prepared & Analyzed: 12/22/23								
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	0.103		"	0.120		85.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.107		"	0.120		89.4	80-120			

LCS (P3L2206-BS1)		Prepared & Analyzed: 12/22/23								
Benzene	0.0960	0.00100	mg/L	0.100		96.0	80-120			
Toluene	0.0895	0.00100	"	0.100		89.5	80-120			
Ethylbenzene	0.0910	0.00100	"	0.100		91.0	80-120			
Xylene (p/m)	0.179	0.00200	"	0.200		89.3	80-120			
Xylene (o)	0.0805	0.00100	"	0.100		80.5	80-120			
Surrogate: 4-Bromofluorobenzene	0.103		"	0.120		85.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.109		"	0.120		91.0	80-120			

LCS Dup (P3L2206-BSD1)		Prepared & Analyzed: 12/22/23								
Benzene	0.0984	0.00100	mg/L	0.100		98.4	80-120	2.47	20	
Toluene	0.0930	0.00100	"	0.100		93.0	80-120	3.81	20	
Ethylbenzene	0.0943	0.00100	"	0.100		94.3	80-120	3.55	20	
Xylene (p/m)	0.184	0.00200	"	0.200		91.9	80-120	2.92	20	
Xylene (o)	0.0808	0.00100	"	0.100		80.8	80-120	0.335	20	
Surrogate: 4-Bromofluorobenzene	0.102		"	0.120		84.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.109		"	0.120		90.6	80-120			

Calibration Blank (P3L2206-CCB1)		Prepared & Analyzed: 12/22/23								
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.210		"							
Xylene (p/m)	0.310		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.103		"	0.120		85.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.109		"	0.120		90.6	80-120			

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3L2206 - *** DEFAULT PREP ***

Calibration Blank (P3L2206-CCB2)				Prepared: 12/22/23 Analyzed: 12/23/23						
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.140		"							
Xylene (p/m)	0.210		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.103		"	0.120		86.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.109		"	0.120		90.6	80-120			
Calibration Blank (P3L2206-CCB3)				Prepared: 12/22/23 Analyzed: 12/23/23						
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.180		"							
Xylene (p/m)	0.190		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.0977		"	0.120		81.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.106		"	0.120		88.1	80-120			
Calibration Check (P3L2206-CCV1)				Prepared & Analyzed: 12/22/23						
Benzene	0.0993	0.00100	mg/L	0.100		99.3	80-120			
Toluene	0.0930	0.00100	"	0.100		93.0	80-120			
Ethylbenzene	0.0894	0.00100	"	0.100		89.4	80-120			
Xylene (p/m)	0.185	0.00200	"	0.200		92.5	80-120			
Xylene (o)	0.0827	0.00100	"	0.100		82.7	80-120			
Surrogate: 4-Bromofluorobenzene	0.104		"	0.120		86.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.110		"	0.120		91.9	80-120			
Calibration Check (P3L2206-CCV2)				Prepared & Analyzed: 12/22/23						
Benzene	0.102	0.00100	mg/L	0.100		102	80-120			
Toluene	0.0968	0.00100	"	0.100		96.8	80-120			
Ethylbenzene	0.0919	0.00100	"	0.100		91.9	80-120			
Xylene (p/m)	0.188	0.00200	"	0.200		94.2	80-120			
Xylene (o)	0.0847	0.00100	"	0.100		84.7	80-120			
Surrogate: 4-Bromofluorobenzene	0.103		"	0.120		86.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.110		"	0.120		91.5	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	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3L2206 - *** DEFAULT PREP ***

Calibration Check (P3L2206-CCV3)				Prepared: 12/22/23 Analyzed: 12/23/23						
Benzene	0.104	0.00100	mg/L	0.100		104	80-120			
Toluene	0.0962	0.00100	"	0.100		96.2	80-120			
Ethylbenzene	0.0909	0.00100	"	0.100		90.9	80-120			
Xylene (p/m)	0.186	0.00200	"	0.200		92.8	80-120			
Xylene (o)	0.0843	0.00100	"	0.100		84.3	80-120			
Surrogate: 4-Bromofluorobenzene	0.0975		"	0.120		81.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.106		"	0.120		88.6	80-120			

Matrix Spike (P3L2206-MS1)				Source: 3L14001-01		Prepared: 12/22/23 Analyzed: 12/23/23				
Benzene	0.0812	0.00100	mg/L	0.100	ND	81.2	80-120			
Toluene	0.0739	0.00100	"	0.100	ND	73.9	80-120			QM-05
Ethylbenzene	0.0753	0.00100	"	0.100	ND	75.3	80-120			QM-05
Xylene (p/m)	0.147	0.00200	"	0.200	ND	73.5	80-120			QM-05
Xylene (o)	0.0636	0.00100	"	0.100	ND	63.6	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	0.0967		"	0.120		80.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.103		"	0.120		85.9	80-120			

Matrix Spike Dup (P3L2206-MSD1)				Source: 3L14001-01		Prepared: 12/22/23 Analyzed: 12/23/23				
Benzene	0.0982	0.00100	mg/L	0.100	ND	98.2	80-120	18.9	20	
Toluene	0.0903	0.00100	"	0.100	ND	90.3	80-120	20.0	20	
Ethylbenzene	0.0920	0.00100	"	0.100	ND	92.0	80-120	20.1	20	QM-05
Xylene (p/m)	0.178	0.00200	"	0.200	ND	88.9	80-120	19.0	20	
Xylene (o)	0.0777	0.00100	"	0.100	ND	77.7	80-120	19.9	20	QM-05
Surrogate: 4-Bromofluorobenzene	0.0962		"	0.120		80.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.104		"	0.120		86.6	80-120			

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3L1707 - *** DEFAULT PREP ***										
Blank (P3L1707-BLK1)				Prepared: 12/15/23 Analyzed: 12/18/23						
Nitrate as N	ND	0.200	mg/L							
Sulfate	ND	1.00	"							
LCS (P3L1707-BS1)				Prepared: 12/15/23 Analyzed: 12/18/23						
Nitrate as N	10.3		mg/L	10.0		103	90-110			
Sulfate	9.99		"	10.0		99.9	90-110			
LCS Dup (P3L1707-BSD1)				Prepared: 12/15/23 Analyzed: 12/18/23						
Sulfate	10.3		mg/L	10.0		103	90-110	2.60	10	
Nitrate as N	10.4		"	10.0		104	90-110	1.01	10	
Calibration Check (P3L1707-CCV1)				Prepared: 12/15/23 Analyzed: 12/18/23						
Sulfate	10.4		mg/L	10.0		104	90-110			
Nitrate as N	10.4		"	10.0		104	90-110			
Matrix Spike (P3L1707-MS1)				Source: 3L15006-01		Prepared: 12/15/23 Analyzed: 12/18/23				
Sulfate	35.3		mg/L	10.0	23.1	122	80-120			QM-05
Matrix Spike (P3L1707-MS2)				Source: 3L15006-01		Prepared: 12/15/23 Analyzed: 12/18/23				
Nitrate as N	10.3		mg/L	10.0	0.178	102	80-120			
Matrix Spike Dup (P3L1707-MSD1)				Source: 3L15006-01		Prepared: 12/15/23 Analyzed: 12/18/23				
Sulfate	36.1		mg/L	10.0	23.1	130	80-120		20	QM-05
Matrix Spike Dup (P3L1707-MSD2)				Source: 3L15006-01		Prepared: 12/15/23 Analyzed: 12/18/23				
Nitrate as N	10.3		mg/L	10.0	0.178	101	80-120	0.281	20	

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	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch P4A0802 - *** DEFAULT PREP ***									
Blank (P4A0802-BLK1)				Prepared & Analyzed: 01/08/24					
Chemical Oxygen Demand	ND	2.00	mg/L						
LCS (P4A0802-BS1)				Prepared & Analyzed: 01/08/24					
Chemical Oxygen Demand	100	2.00	mg/L	100	100	80-120			
LCS Dup (P4A0802-BSD1)				Prepared & Analyzed: 01/08/24					
Chemical Oxygen Demand	108	2.00	mg/L	100	108	80-120	7.69	20	
Duplicate (P4A0802-DUP1)				Source: 3L22003-03		Prepared & Analyzed: 01/08/24			
Chemical Oxygen Demand	59.0	2.00	mg/L		46.0		24.8	20	
Matrix Spike (P4A0802-MS1)				Source: 3L22003-03		Prepared & Analyzed: 01/08/24			
Chemical Oxygen Demand	152	2.00	mg/L	100	46.0	106	80-120		
Matrix Spike Dup (P4A0802-MSD1)				Source: 3L22003-03		Prepared & Analyzed: 01/08/24			
Chemical Oxygen Demand	163	2.00	mg/L	100	46.0	117	80-120	6.98	20

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

Notes and Definitions

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

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

ROI Received on Ice

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

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

NPBEL C Chain of Custody was not generated at PBELAB

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

1/9/2024

Brent Barron, Laboratory Director/Technical Director

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

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

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

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

Permian Basin Environmental Lab, L.P.

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

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

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

Phone: 432-6866-7235

Page 1 of 1

Project Manager: Curt Stanley

Company Name TRC Environmental Corporation

Company Address: 10 Desta Drive, Ste 130E

City/State/Zip: Midland TX 79705

Telephone No: (432) 520-7720

Sampler Signature:

e-mail:

cdstanley@trccompanies.com

cjbryant@papaip.com

mgreen@trccompanies.com

khudgens@paalp.com

Report Format:

☒ Standard

☐ TRRP

☐ NPDES

Project Loc: Lea County, NM

PO #

Project #: SRS: TNM 97-17

Project Name: 97-17

Page 17 of 42

(lab use only)					
ORDER #: 3L15006					
LAB # (lab use only)					
FIELD CODE					
Beginning Depth					
Ending Depth					
Date Sampled					
Time Sampled					
Field Filtered					
Total #. of Containers					
Ice					
HNO ₃ (Field Filtered 250 ml)					
HCl (40 ml VOA)					
H ₂ SO ₄ (250 ml)					
NaOH					
Na ₂ S ₂ O ₃					
None (40 ml Amber VOA)					
Other (Specify)					
DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other					
TOC MW 5310					
Dissolved Methane, Ethane, and Ethene by RSK-175					
Total Dissolved Metals (Fe and Mn) by SW 6010					
Nitrate and Sulfate bvy E300					
COD by SM 5310					
Total BTEX by 8260					
PAH by 8270					
RUSH TAT (Pre-Schedule) 24, 48, 72 hrs					
Standard TAT					

Reinquired by:	Date	Time	Received by:	Date	Time
Manny	12-15-23	0845	[Signature]	12/15/23	8:45
Relinquished by:	Date	Time	Received by PBEI:	Date	Time
			[Signature]	12/15/23	8:45

Special Instructions:	BILL TO PLAINS
Laboratory Comments:	Sample Containers Intact? VOCs Free of Headspace? Labels on container(s) Custody seals on container(s) Custody seals on cooler(s) Sample Hand Delivered by Sampler/Client Rep. ? by Courier? UPS DHL Temperature Upon Receipt: Received: °C Factor Adjusted: 4.1

TCLP:	
TOTAL:	X

Analyze For:	

Received by OGD: 6/5/2024 2:44:29 PM

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235
PBELAB SUB COC V2

Project Manager: Brent Barron

Project Name: SUBCONTRACT

Company Name PBEL

Project #:

Company Address: 1400 Rankin HWY

Project Loc:

City/State/Zip: Midland Texas 79701

PO #:

Telephone No: 432-661-4184

Fax No:

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

Sampler Signature: N/A

e-mail: brentbarron@pbelab.com

ORDER #:																																	
LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers							Matrix																		
								ICE	HNO ₃ 250 poly 1	HCl 3 40mL VOA	H ₂ SO ₄ 1 AMBER 500/250POLY	NaOH /Ascorbic Acid 250ML POLY	Na ₂ S ₂ O ₃	NONE 250 POLY	NONE 3 AMBER VOAA VIALS	DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other																	
								X	X	X	X																						
								X	X	X	X																						
								X	X	X	X																						
								X	X	X	X																						
								X	X	X	X																						
								X	X	X	X																						
									Risk SOP-175	TOC-415.1	Mn DISS ICP-MS 6020A	Fe DISS ICPMS 6020A	8270C PAH LL												24 Hour Rush	STANDARD							
	3L15006-01			12/14/2023	10:47	Y	5	X	X	X	X					W	X	X	X	X												X	
	3L15006-02			12/14/2023	11:52	Y	5	X	X	X	X					W	X	X	X	X												X	
	3L15006-03			12/14/2023	13:55	Y	5	X	X	X	X					W	X	X	X	X												X	
	3L15006-04			12/14/2023	12:48	Y	5	X	X	X	X					W	X	X	X	X												X	
	3L15006-05			12/14/2023	14:59	Y	8	X	X	X	X				X	W	X	X	X	X	X											X	
	3L15006-06			12/14/2023	15:42	Y	8	X	X	X	X				X	W	X	X	X	X	X											X	
																	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 Relinquished by: Date Time Received by: Date Time Sample Hand Delivered Y N by Sampler/Client Rep.? Y N by Courier? UPS DHL FedEx Lone Star Relinquished by: Date Time Received by: Date Time Temperature Upon Receipt: Received: °C Adjusted: °C Factor																



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

December 28, 2023

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

Work Order: **HS23121273**

Laboratory Results for: **3L15006**

Dear Brent Barron,

ALS Environmental received 6 sample(s) on Dec 19, 2023 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Generated By: DAYNA.FISHER

Anna Kinchen
Project Manager

ALS Houston, US

Date: 28-Dec-23

Client: Permian Basin Environmental Lab, LP
Project: 3L15006
Work Order: HS23121273

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS23121273-01	3L15006-01	Water		14-Dec-2023 10:47	19-Dec-2023 09:20	☐
HS23121273-02	3L15006-02	Water		14-Dec-2023 11:52	19-Dec-2023 09:20	☐
HS23121273-03	3L15006-03	Water		14-Dec-2023 13:55	19-Dec-2023 09:20	☐
HS23121273-04	3L15006-04	Water		14-Dec-2023 12:48	19-Dec-2023 09:20	☐
HS23121273-05	3L15006-05	Water		14-Dec-2023 14:59	19-Dec-2023 09:20	☐
HS23121273-06	3L15006-06	Water		14-Dec-2023 15:42	19-Dec-2023 09:20	☐

ALS Houston, US

Date: 28-Dec-23

Client: Permian Basin Environmental Lab, LP
Project: 3L15006
Work Order: HS23121273

CASE NARRATIVE

GC Semivolatiles by Method RSK-175

Batch ID: R454809

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

GCMS Semivolatiles by Method SW8270

Batch ID: 205124

Sample ID: LCSD-205124

- LCSD RPD was above the upper control limit. The individual recoveries were in control.

Metals by Method SW6020A

Batch ID: 205083

Sample ID: HS23120908-01MS

- MS and MSD are for an unrelated sample (Manganese)

WetChemistry by Method E415.1

Batch ID: R455284,R455363

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

ALS Houston, US

Date: 28-Dec-23

Client:	Permian Basin Environmental Lab, LP	ANALYTICAL REPORT
Project:	3L15006	WorkOrder:HS23121273
Sample ID:	3L15006-01	Lab ID:HS23121273-01
Collection Date:	14-Dec-2023 10:47	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: E.H.		
Ethane	ND		1.00	ug/L	1	20-Dec-2023 09:54
Ethene	ND		1.00	ug/L	1	20-Dec-2023 09:54
Methane	111		2.50	ug/L	5	20-Dec-2023 10:52
DISSOLVED METALS BY SW6020A		Method:SW6020A (dissolved)		Prep:SW3010A / 20-Dec-2023 Analyst: MSC		
Iron	ND		0.200	mg/L	1	28-Dec-2023 01:00
Manganese	0.0556		0.00500	mg/L	1	28-Dec-2023 01:00
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: MZD		
Organic Carbon, Total	19.0		10.0	mg/L	10	27-Dec-2023 21:10

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

ALS Houston, US

Date: 28-Dec-23

Client:	Permian Basin Environmental Lab, LP	ANALYTICAL REPORT
Project:	3L15006	WorkOrder:HS23121273
Sample ID:	3L15006-02	Lab ID:HS23121273-02
Collection Date:	14-Dec-2023 11:52	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: E.H.		
Ethane	3.01		1.00	ug/L	1	20-Dec-2023 10:05
Ethene	ND		1.00	ug/L	1	20-Dec-2023 10:05
Methane	3.39		0.500	ug/L	1	20-Dec-2023 10:05
DISSOLVED METALS BY SW6020A		Method:SW6020A (dissolved)		Prep:SW3010A / 20-Dec-2023 Analyst: MSC		
Iron	ND		0.200	mg/L	1	28-Dec-2023 01:03
Manganese	0.0439		0.00500	mg/L	1	28-Dec-2023 01:03
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: MZD		
Organic Carbon, Total	ND		10.0	mg/L	10	27-Dec-2023 21:24

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

ALS Houston, US

Date: 28-Dec-23

Client:Permian Basin Environmental Lab, LP

Project:3L15006

Sample ID:3L15006-03

Collection Date:14-Dec-2023 13:55

ANALYTICAL REPORT

WorkOrder:HS23121273

Lab ID:HS23121273-03

Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: E.H.		
Ethane	ND		1.00	ug/L	1	20-Dec-2023 10:16
Ethene	1.47		1.00	ug/L	1	20-Dec-2023 10:16
Methane	124		2.50	ug/L	5	20-Dec-2023 11:03
DISSOLVED METALS BY SW6020A		Method:SW6020A (dissolved)		Prep:SW3010A / 20-Dec-2023		Analyst: MSC
Iron	ND		0.200	mg/L	1	28-Dec-2023 01:05
Manganese	0.0193		0.00500	mg/L	1	28-Dec-2023 01:05
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: MZD		
Organic Carbon, Total	18.3		10.0	mg/L	10	27-Dec-2023 21:38

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

ALS Houston, US

Date: 28-Dec-23

Client:	Permian Basin Environmental Lab, LP	ANALYTICAL REPORT
Project:	3L15006	WorkOrder:HS23121273
Sample ID:	3L15006-04	Lab ID:HS23121273-04
Collection Date:	14-Dec-2023 12:48	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: E.H.		
Ethane	ND		1.00	ug/L	1	20-Dec-2023 10:24
Ethene	2.25		1.00	ug/L	1	20-Dec-2023 10:24
Methane	293		5.00	ug/L	10	20-Dec-2023 11:15
DISSOLVED METALS BY SW6020A		Method:SW6020A (dissolved)		Prep:SW3010A / 20-Dec-2023 Analyst: MSC		
Iron	ND		0.200	mg/L	1	28-Dec-2023 01:07
Manganese	0.00616		0.00500	mg/L	1	28-Dec-2023 01:07
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: MZD		
Organic Carbon, Total	18.5		10.0	mg/L	10	27-Dec-2023 23:34

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

ALS Houston, US

Date: 28-Dec-23

Client: Permian Basin Environmental Lab, LP
 Project: 3L15006
 Sample ID: 3L15006-05
 Collection Date: 14-Dec-2023 14:59

ANALYTICAL REPORT

WorkOrder:HS23121273
 Lab ID:HS23121273-05
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 21-Dec-2023		Analyst: MBG
1-Methylnaphthalene	4.84	n	0.101	ug/L	1	26-Dec-2023 19:40
2-Methylnaphthalene	0.926		0.101	ug/L	1	26-Dec-2023 19:40
Acenaphthene	ND		0.101	ug/L	1	26-Dec-2023 19:40
Acenaphthylene	ND		0.101	ug/L	1	26-Dec-2023 19:40
Anthracene	ND		0.101	ug/L	1	26-Dec-2023 19:40
Benz(a)anthracene	ND		0.101	ug/L	1	26-Dec-2023 19:40
Benzo(a)pyrene	ND		0.101	ug/L	1	26-Dec-2023 19:40
Benzo(b)fluoranthene	ND		0.101	ug/L	1	26-Dec-2023 19:40
Benzo(g,h,i)perylene	ND		0.101	ug/L	1	26-Dec-2023 19:40
Benzo(k)fluoranthene	ND		0.101	ug/L	1	26-Dec-2023 19:40
Chrysene	ND		0.101	ug/L	1	26-Dec-2023 19:40
Dibenz(a,h)anthracene	ND		0.101	ug/L	1	26-Dec-2023 19:40
Fluoranthene	ND		0.101	ug/L	1	26-Dec-2023 19:40
Fluorene	0.262		0.101	ug/L	1	26-Dec-2023 19:40
Indeno(1,2,3-cd)pyrene	ND		0.101	ug/L	1	26-Dec-2023 19:40
Naphthalene	1.75		0.101	ug/L	1	26-Dec-2023 19:40
Phenanthrene	ND		0.101	ug/L	1	26-Dec-2023 19:40
Pyrene	ND		0.101	ug/L	1	26-Dec-2023 19:40
Surr: 2-Fluorobiphenyl	121		32-130	%REC	1	26-Dec-2023 19:40
Surr: 4-Terphenyl-d14	123		40-135	%REC	1	26-Dec-2023 19:40
Surr: Nitrobenzene-d5	83.7		45-142	%REC	1	26-Dec-2023 19:40
DISSOLVED GASES BY RSK-175		Method:RSK-175		Analyst: E.H.		
Ethane	2.75		1.00	ug/L	1	20-Dec-2023 10:34
Ethene	ND		1.00	ug/L	1	20-Dec-2023 10:34
Methane	197		5.00	ug/L	10	20-Dec-2023 11:28
DISSOLVED METALS BY SW6020A		Method:SW6020A (dissolved)		Prep:SW3010A / 20-Dec-2023		Analyst: MSC
Iron	ND		0.200	mg/L	1	28-Dec-2023 01:10
Manganese	0.0115		0.00500	mg/L	1	28-Dec-2023 01:10
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1		Analyst: MZD		
Organic Carbon, Total	11.8		10.0	mg/L	10	28-Dec-2023 00:04

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

ALS Houston, US

Date: 28-Dec-23

Client: Permian Basin Environmental Lab, LP
 Project: 3L15006
 Sample ID: 3L15006-06
 Collection Date: 14-Dec-2023 15:42

ANALYTICAL REPORT

WorkOrder:HS23121273
 Lab ID:HS23121273-06
 Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL PAHS - 8270D		Method:SW8270		Prep:SW3511 / 21-Dec-2023		Analyst: MBG
1-Methylnaphthalene	7.78	n	0.105	ug/L	1	26-Dec-2023 20:00
2-Methylnaphthalene	1.21		0.105	ug/L	1	26-Dec-2023 20:00
Acenaphthene	0.291		0.105	ug/L	1	26-Dec-2023 20:00
Acenaphthylene	0.343		0.105	ug/L	1	26-Dec-2023 20:00
Anthracene	ND		0.105	ug/L	1	26-Dec-2023 20:00
Benz(a)anthracene	ND		0.105	ug/L	1	26-Dec-2023 20:00
Benzo(a)pyrene	ND		0.105	ug/L	1	26-Dec-2023 20:00
Benzo(b)fluoranthene	ND		0.105	ug/L	1	26-Dec-2023 20:00
Benzo(g,h,i)perylene	ND		0.105	ug/L	1	26-Dec-2023 20:00
Benzo(k)fluoranthene	ND		0.105	ug/L	1	26-Dec-2023 20:00
Chrysene	ND		0.105	ug/L	1	26-Dec-2023 20:00
Dibenz(a,h)anthracene	ND		0.105	ug/L	1	26-Dec-2023 20:00
Fluoranthene	ND		0.105	ug/L	1	26-Dec-2023 20:00
Fluorene	0.916		0.105	ug/L	1	26-Dec-2023 20:00
Indeno(1,2,3-cd)pyrene	ND		0.105	ug/L	1	26-Dec-2023 20:00
Naphthalene	2.41		0.105	ug/L	1	26-Dec-2023 20:00
Phenanthrene	0.576		0.105	ug/L	1	26-Dec-2023 20:00
Pyrene	ND		0.105	ug/L	1	26-Dec-2023 20:00
Surr: 2-Fluorobiphenyl	114		32-130	%REC	1	26-Dec-2023 20:00
Surr: 4-Terphenyl-d14	126		40-135	%REC	1	26-Dec-2023 20:00
Surr: Nitrobenzene-d5	111		45-142	%REC	1	26-Dec-2023 20:00
DISSOLVED GASES BY RSK-175		Method:RSK-175				Analyst: E.H.
Ethane	ND		1.00	ug/L	1	20-Dec-2023 10:43
Ethene	ND		1.00	ug/L	1	20-Dec-2023 10:43
Methane	2,220		50.0	ug/L	100	20-Dec-2023 12:03
DISSOLVED METALS BY SW6020A		Method:SW6020A (dissolved)		Prep:SW3010A / 20-Dec-2023		Analyst: MSC
Iron	ND		0.200	mg/L	1	28-Dec-2023 01:12
Manganese	0.0246		0.00500	mg/L	1	28-Dec-2023 01:12
TOTAL ORGANIC CARBON BY E415.1		Method:E415.1				Analyst: MZD
Organic Carbon, Total	167		10.0	mg/L	10	28-Dec-2023 00:20

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

Weight / Prep Log

Client: Permian Basin Environmental Lab, LP
Project: 3L15006
WorkOrder: HS23121273

Batch ID: 205083	Start Date: 20 Dec 2023 16:00	End Date: 20 Dec 2023 16:00
Method: DISS METALS PREP - WATER - SW3010A	Prep Code: 3010A DISS	

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS23121273-01		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23121273-02		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23121273-03		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23121273-04		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23121273-05		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS23121273-06		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2

Batch ID: 205124	Start Date: 21 Dec 2023 12:00	End Date: 21 Dec 2023 12:00
Method: SW3511	Prep Code: 3511_PAH	

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS23121273-05		32.59 (mL)	2 (mL)	0.06137	40 mL Amber
HS23121273-06		31.41 (mL)	2 (mL)	0.06367	40 mL Amber

ALS Houston, US

Date: 28-Dec-23

Client: Permian Basin Environmental Lab, LP
Project: 3L15006
WorkOrder: HS23121273

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 205083 (0)		Test Name : DISSOLVED METALS BY SW6020A			Matrix: Water	
HS23121273-01	3L15006-01	14 Dec 2023 10:47		20 Dec 2023 16:00	28 Dec 2023 01:00	1
HS23121273-02	3L15006-02	14 Dec 2023 11:52		20 Dec 2023 16:00	28 Dec 2023 01:03	1
HS23121273-03	3L15006-03	14 Dec 2023 13:55		20 Dec 2023 16:00	28 Dec 2023 01:05	1
HS23121273-04	3L15006-04	14 Dec 2023 12:48		20 Dec 2023 16:00	28 Dec 2023 01:07	1
HS23121273-05	3L15006-05	14 Dec 2023 14:59		20 Dec 2023 16:00	28 Dec 2023 01:10	1
HS23121273-06	3L15006-06	14 Dec 2023 15:42		20 Dec 2023 16:00	28 Dec 2023 01:12	1
Batch ID: 205124 (0)		Test Name : LOW-LEVEL PAHS - 8270D			Matrix: Water	
HS23121273-05	3L15006-05	14 Dec 2023 14:59		21 Dec 2023 12:00	26 Dec 2023 19:40	1
HS23121273-06	3L15006-06	14 Dec 2023 15:42		21 Dec 2023 12:00	26 Dec 2023 20:00	1
Batch ID: R454809 (1)		Test Name : DISSOLVED GASES BY RSK-175			Matrix: Water	
HS23121273-01	3L15006-01	14 Dec 2023 10:47			20 Dec 2023 10:52	5
HS23121273-01	3L15006-01	14 Dec 2023 10:47			20 Dec 2023 09:54	1
HS23121273-02	3L15006-02	14 Dec 2023 11:52			20 Dec 2023 10:05	1
HS23121273-03	3L15006-03	14 Dec 2023 13:55			20 Dec 2023 11:03	5
HS23121273-03	3L15006-03	14 Dec 2023 13:55			20 Dec 2023 10:16	1
HS23121273-04	3L15006-04	14 Dec 2023 12:48			20 Dec 2023 11:15	10
HS23121273-04	3L15006-04	14 Dec 2023 12:48			20 Dec 2023 10:24	1
HS23121273-05	3L15006-05	14 Dec 2023 14:59			20 Dec 2023 11:28	10
HS23121273-05	3L15006-05	14 Dec 2023 14:59			20 Dec 2023 10:34	1
HS23121273-06	3L15006-06	14 Dec 2023 15:42			20 Dec 2023 12:03	100
HS23121273-06	3L15006-06	14 Dec 2023 15:42			20 Dec 2023 10:43	1
Batch ID: R455284 (0)		Test Name : TOTAL ORGANIC CARBON BY E415.1			Matrix: Water	
HS23121273-01	3L15006-01	14 Dec 2023 10:47			27 Dec 2023 21:10	10
HS23121273-02	3L15006-02	14 Dec 2023 11:52			27 Dec 2023 21:24	10
HS23121273-03	3L15006-03	14 Dec 2023 13:55			27 Dec 2023 21:38	10
Batch ID: R455363 (0)		Test Name : TOTAL ORGANIC CARBON BY E415.1			Matrix: Water	
HS23121273-04	3L15006-04	14 Dec 2023 12:48			27 Dec 2023 23:34	10
HS23121273-05	3L15006-05	14 Dec 2023 14:59			28 Dec 2023 00:04	10
HS23121273-06	3L15006-06	14 Dec 2023 15:42			28 Dec 2023 00:20	10

ALS Houston, US

Date: 28-Dec-23

Client: Permian Basin Environmental Lab, LP
Project: 3L15006
WorkOrder: HS23121273

QC BATCH REPORT

Batch ID: R454809 (1)		Instrument: FID-4		Method: DISSOLVED GASES BY RSK-175					
MBLK	Sample ID: MBLK-231220	Units: ug/L			Analysis Date: 20-Dec-2023 08:08				
Client ID:	Run ID: FID-4_454809			SeqNo: 7742387		PrepDate:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Ethane	ND	1.00							
Ethene	ND	1.00							
Methane	ND	0.500							
LCS	Sample ID: LCS-231220	Units: ug/L			Analysis Date: 20-Dec-2023 08:17				
Client ID:	Run ID: FID-4_454809			SeqNo: 7742388		PrepDate:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Ethane	17.58	1.00	18.04	0	97.5	75 - 125			
Ethene	14.62	1.00	16.8	0	87.0	75 - 125			
Methane	9.023	0.500	9.647	0	93.5	75 - 125			
LCSD	Sample ID: LCSD-231220	Units: ug/L			Analysis Date: 20-Dec-2023 08:29				
Client ID:	Run ID: FID-4_454809			SeqNo: 7742389		PrepDate:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Ethane	20.38	1.00	18.04	0	113	75 - 125	17.58	14.7	30
Ethene	15.01	1.00	16.8	0	89.3	75 - 125	14.62	2.6	30
Methane	9.608	0.500	9.647	0	99.6	75 - 125	9.023	6.29	30
The following samples were analyzed in this batch:									
HS23121273-01		HS23121273-02		HS23121273-03		HS23121273-04			
HS23121273-05		HS23121273-06							

ALS Houston, US

Date: 28-Dec-23

Client: Permian Basin Environmental Lab, LP
Project: 3L15006
WorkOrder: HS23121273

QC BATCH REPORT

Batch ID: 205083 (0)		Instrument: ICPMS07		Method: DISSOLVED METALS BY SW6020A (DISSOLVED)					
MBLK	Sample ID: MBLKF1-205083	Units: mg/L		Analysis Date: 28-Dec-2023 00:06					
Client ID:	Run ID: ICPMS07_455184	SeqNo: 7753183		PrepDate: 20-Dec-2023		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual

Iron ND 0.200

Manganese ND 0.00500

MBLK	Sample ID: MBLK-205083	Units: mg/L		Analysis Date: 28-Dec-2023 00:04					
Client ID:	Run ID: ICPMS07_455184	SeqNo: 7753182		PrepDate: 20-Dec-2023		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual

Iron ND 0.200

Manganese ND 0.00500

LCS	Sample ID: LCS-205083	Units: mg/L		Analysis Date: 28-Dec-2023 00:09					
Client ID:	Run ID: ICPMS07_455184	SeqNo: 7753184		PrepDate: 20-Dec-2023		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual

Iron 4.993 0.200 5 0 99.9 80 - 120

Manganese 0.05048 0.00500 0.05 0 101 80 - 120

MS	Sample ID: HS23120908-01MS	Units: mg/L		Analysis Date: 28-Dec-2023 00:16					
Client ID:	Run ID: ICPMS07_455184	SeqNo: 7753187		PrepDate: 20-Dec-2023		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual

Iron 17.09 0.200 5 10.84 125 75 - 125

Manganese 0.3216 0.00500 0.05 0.2463 151 75 - 125 SO

MSD	Sample ID: HS23120908-01MSD	Units: mg/L		Analysis Date: 28-Dec-2023 00:18					
Client ID:	Run ID: ICPMS07_455184	SeqNo: 7753188		PrepDate: 20-Dec-2023		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual

Iron 15.93 0.200 5 10.84 102 75 - 125 17.09 7.04 20

Manganese 0.3025 0.00500 0.05 0.2463 112 75 - 125 0.3216 6.13 20 O

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Date: 28-Dec-23

Client: Permian Basin Environmental Lab, LP
Project: 3L15006
WorkOrder: HS23121273

QC BATCH REPORT

Batch ID: 205083 (0)		Instrument: ICPMS07		Method: DISSOLVED METALS BY SW6020A (DISSOLVED)					
PDS	Sample ID: HS23120908-01PDS		Units: mg/L		Analysis Date: 28-Dec-2023 00:20				
Client ID:	Run ID: ICPMS07_455184		SeqNo: 7753189		PrepDate: 20-Dec-2023		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	Limit Qual
Iron	20.14	0.200	10	10.84	92.9	75 - 125			
Manganese	0.3462	0.00500	0.1	0.2463	99.9	75 - 125			

SD	Sample ID: HS23120908-01SD		Units: mg/L		Analysis Date: 28-Dec-2023 00:13				
Client ID:	Run ID: ICPMS07_455184		SeqNo: 7753186		PrepDate: 20-Dec-2023		DF: 5		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	Limit Qual
Iron	11.83	1.00					10.84	9.12	10
Manganese	0.2698	0.0250					0.2463	9.52	10

The following samples were analyzed in this batch:

HS23121273-01	HS23121273-02	HS23121273-03	HS23121273-04
HS23121273-05	HS23121273-06		

ALS Houston, US

Date: 28-Dec-23

Client:Permian Basin Environmental Lab, LP

Project:3L15006

WorkOrder:HS23121273

QC BATCH REPORT

Batch ID: 205124 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D						
MBLK	Sample ID: MBLK-205124	Units: ug/L		Analysis Date: 22-Dec-2023 12:40						
Client ID:	Run ID: SV-6_454998		SeqNo: 7746660		PrepDate: 21-Dec-2023		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	ND	0.100								
2-Methylnaphthalene	ND	0.100								
Acenaphthene	ND	0.100								
Acenaphthylene	ND	0.100								
Anthracene	ND	0.100								
Benz(a)anthracene	ND	0.100								
Benzo(a)pyrene	ND	0.100								
Benzo(b)fluoranthene	ND	0.100								
Benzo(g,h,i)perylene	ND	0.100								
Benzo(k)fluoranthene	ND	0.100								
Chrysene	ND	0.100								
Dibenz(a,h)anthracene	ND	0.100								
Fluoranthene	ND	0.100								
Fluorene	ND	0.100								
Indeno(1,2,3-cd)pyrene	ND	0.100								
Naphthalene	ND	0.100								
Phenanthrene	ND	0.100								
Pyrene	ND	0.100								
Surr: 2-Fluorobiphenyl	2.809	0.100	3.03	0	92.7	32 - 130				
Surr: 4-Terphenyl-d14	3.35	0.100	3.03	0	111	40 - 135				
Surr: Nitrobenzene-d5	2.596	0.100	3.03	0	85.7	45 - 142				

ALS Houston, US

Date: 28-Dec-23

Client: Permian Basin Environmental Lab, LP
Project: 3L15006
WorkOrder: HS23121273

QC BATCH REPORT

Batch ID: 205124 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D					
LCS		Sample ID: LCS-205124		Units: ug/L		Analysis Date: 22-Dec-2023 13:00			
Client ID:		Run ID: SV-6_454998		SeqNo: 7746661		PrepDate: 21-Dec-2023		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
1-Methylnaphthalene	3.92	0.100	3.03	0	129	40 - 140			
2-Methylnaphthalene	2.779	0.100	3.03	0	91.7	40 - 140			
Acenaphthene	3.845	0.100	3.03	0	127	40 - 140			
Acenaphthylene	3.979	0.100	3.03	0	131	40 - 140			
Anthracene	3.543	0.100	3.03	0	117	40 - 140			
Benz(a)anthracene	2.212	0.100	3.03	0	73.0	40 - 140			
Benzo(a)pyrene	3.41	0.100	3.03	0	113	40 - 140			
Benzo(b)fluoranthene	2.66	0.100	3.03	0	87.8	40 - 140			
Benzo(g,h,i)perylene	3.175	0.100	3.03	0	105	40 - 140			
Benzo(k)fluoranthene	4.048	0.100	3.03	0	134	40 - 140			
Chrysene	3.652	0.100	3.03	0	121	40 - 140			
Dibenz(a,h)anthracene	3.679	0.100	3.03	0	121	40 - 140			
Fluoranthene	3.759	0.100	3.03	0	124	40 - 140			
Fluorene	3.677	0.100	3.03	0	121	40 - 140			
Indeno(1,2,3-cd)pyrene	3.612	0.100	3.03	0	119	40 - 140			
Naphthalene	4.024	0.100	3.03	0	133	40 - 140			
Phenanthrene	2.905	0.100	3.03	0	95.9	40 - 140			
Pyrene	2.99	0.100	3.03	0	98.7	40 - 140			
Surr: 2-Fluorobiphenyl	2.386	0.100	3.03	0	78.8	32 - 130			
Surr: 4-Terphenyl-d14	3.07	0.100	3.03	0	101	40 - 135			
Surr: Nitrobenzene-d5	2.046	0.100	3.03	0	67.5	45 - 142			

ALS Houston, US

Date: 28-Dec-23

Client: Permian Basin Environmental Lab, LP
Project: 3L15006
WorkOrder: HS23121273

QC BATCH REPORT

Batch ID: 205124 (0)		Instrument: SV-6		Method: LOW-LEVEL PAHS - 8270D						
LCSD		Sample ID: LCSD-205124		Units: ug/L		Analysis Date: 22-Dec-2023 13:20				
Client ID:		Run ID: SV-6_454998		SeqNo: 7746662		PrepDate: 21-Dec-2023		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	3.976	0.100	3.03	0	131	40 - 140	3.92	1.43	25	
2-Methylnaphthalene	3.029	0.100	3.03	0	100.0	40 - 140	2.779	8.61	25	
Acenaphthene	3.945	0.100	3.03	0	130	40 - 140	3.845	2.55	25	
Acenaphthylene	3.342	0.100	3.03	0	110	40 - 140	3.979	17.4	25	
Anthracene	2.872	0.100	3.03	0	94.8	40 - 140	3.543	20.9	25	
Benz(a)anthracene	2.842	0.100	3.03	0	93.8	40 - 140	2.212	24.9	25	
Benzo(a)pyrene	2.797	0.100	3.03	0	92.3	40 - 140	3.41	19.8	25	
Benzo(b)fluoranthene	2.377	0.100	3.03	0	78.4	40 - 140	2.66	11.3	25	
Benzo(g,h,i)perylene	2.713	0.100	3.03	0	89.6	40 - 140	3.175	15.7	25	
Benzo(k)fluoranthene	2.832	0.100	3.03	0	93.4	40 - 140	4.048	35.4	25	R
Chrysene	3.272	0.100	3.03	0	108	40 - 140	3.652	11	25	
Dibenz(a,h)anthracene	2.754	0.100	3.03	0	90.9	40 - 140	3.679	28.7	25	R
Fluoranthene	3.492	0.100	3.03	0	115	40 - 140	3.759	7.37	25	
Fluorene	4.21	0.100	3.03	0	139	40 - 140	3.677	13.5	25	
Indeno(1,2,3-cd)pyrene	2.978	0.100	3.03	0	98.3	40 - 140	3.612	19.2	25	
Naphthalene	4.067	0.100	3.03	0	134	40 - 140	4.024	1.07	25	
Phenanthrene	2.857	0.100	3.03	0	94.3	40 - 140	2.905	1.67	25	
Pyrene	3.711	0.100	3.03	0	122	40 - 140	2.99	21.5	25	
Surr: 2-Fluorobiphenyl	2.431	0.100	3.03	0	80.2	32 - 130	2.386	1.83	25	
Surr: 4-Terphenyl-d14	3.376	0.100	3.03	0	111	40 - 135	3.07	9.5	25	
Surr: Nitrobenzene-d5	2.185	0.100	3.03	0	72.1	45 - 142	2.046	6.58	25	
The following samples were analyzed in this batch: HS23121273-05 HS23121273-06										

ALS Houston, US

Date: 28-Dec-23

Client: Permian Basin Environmental Lab, LP
Project: 3L15006
WorkOrder: HS23121273

QC BATCH REPORT

Batch ID: R455284 (0)		Instrument: TOC_05		Method: TOTAL ORGANIC CARBON BY E415.1					
MBLK	Sample ID: MBLK-12272023	Units: mg/L		Analysis Date: 27-Dec-2023 17:58					
Client ID:	Run ID: TOC_05_455284		SeqNo: 7754397		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Organic Carbon, Total	ND	1.00							
LCS	Sample ID: LCS-12272023	Units: mg/L		Analysis Date: 27-Dec-2023 18:13					
Client ID:	Run ID: TOC_05_455284		SeqNo: 7754398		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Organic Carbon, Total	9.563	1.00	10	0	95.6	85 - 115			
LCSD	Sample ID: LCSD-12272023	Units: mg/L		Analysis Date: 27-Dec-2023 18:28					
Client ID:	Run ID: TOC_05_455284		SeqNo: 7754399		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Organic Carbon, Total	9.671	1.00	10	0	96.7	85 - 115	9.563	1.12	20
MS	Sample ID: HS23121273-03MS	Units: mg/L		Analysis Date: 27-Dec-2023 21:54					
Client ID: 3L15006-03	Run ID: TOC_05_455284		SeqNo: 7754412		PrepDate:		DF: 10		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Organic Carbon, Total	114.7	10.0	100	18.31	96.4	80 - 120			
The following samples were analyzed in this batch:									
HS23121273-01 HS23121273-02 HS23121273-03									

ALS Houston, US

Date: 28-Dec-23

Client: Permian Basin Environmental Lab, LP
Project: 3L15006
WorkOrder: HS23121273

QC BATCH REPORT

Batch ID: R455363 (0)		Instrument: TOC_05		Method: TOTAL ORGANIC CARBON BY E415.1						
MBLK	Sample ID: MBLK-12272023	Units: mg/L		Analysis Date: 27-Dec-2023 22:49						
Client ID:	Run ID: TOC_05_455363		SeqNo: 7755161		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	ND	1.00								
LCS	Sample ID: LCS-12272023	Units: mg/L		Analysis Date: 27-Dec-2023 23:05						
Client ID:	Run ID: TOC_05_455363		SeqNo: 7755162		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	9.552	1.00	10	0	95.5	85 - 115				
LCSD	Sample ID: LCSD-12272023	Units: mg/L		Analysis Date: 27-Dec-2023 23:20						
Client ID:	Run ID: TOC_05_455363		SeqNo: 7755163		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	9.717	1.00	10	0	97.2	85 - 115	9.552	1.71	20	
MS	Sample ID: HS23121273-04MS	Units: mg/L		Analysis Date: 27-Dec-2023 23:50						
Client ID: 3L15006-04	Run ID: TOC_05_455363		SeqNo: 7755165		PrepDate:		DF: 10			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	117.9	10.0	100	18.54	99.4	80 - 120				
The following samples were analyzed in this batch:										
HS23121273-04			HS23121273-05			HS23121273-06				

ALS Houston, US

Date: 28-Dec-23

Client: Permian Basin Environmental Lab, LP
Project: 3L15006
WorkOrder: HS23121273

**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: 28-Dec-23

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arkansas	88-00356	27-Mar-2024
California	2919; 2024	30-Apr-2024
Dept of Defense	L23-358	31-May-2025
Florida	E87611-38	30-Jun-2024
Illinois	2000322023-11	30-Jun-2024
Kansas	E-10352 2023-2024	31-Jul-2024
Louisiana	03087 2023-2024	30-Jun-2024
Maryland	343; 2023-2024	30-Jun-2024
North Carolina	624-2023	31-Dec-2023
North Dakota	R-193 2023-2024	30-Apr-2024
Oklahoma	2023-140	31-Aug-2024
Texas	T104704231-23-32	30-Apr-2024
Utah	TX026932023-14	31-Jul-2024

ALS Houston, US

Date: 28-Dec-23

Sample Receipt Checklist

Work Order ID: HS23121273

Date/Time Received: 19-Dec-2023 09:20

Client Name: Permian Basin Lab

Received by: Malcolm Burleson

Completed By: /S/ Corey Grandits	19-Dec-2023 17:24	Reviewed by: /S/ Anna Kinchen	21-Dec-2023 09:13
eSignature	Date/Time	eSignature	Date/Time

Matrices: WCarrier 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 ☐	
Samplers name present on COC?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☐	No ☒	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☒	No ☐	
Temperature(s)/Thermometer(s):	2.1UC/2.0C IR31		
Cooler(s)/Kit(s):	M Red		
Date/Time sample(s) sent to storage:	12/19/23		
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 /
1400 Rankin HWY
Midland, Texas 79701**

HS23121273

Permian Basin Environmental Lab, LP
3L15006

Project Manager: Brent Barron

Company Name PBEL

Company Address: 1400 Rankin HWY

City/State/Zip: Midland Texas 79701

Telephone No: 432-661-4184

Fax No:

Report Format: X Standard

☐ TRRP☐ NPDES

Sampler Signature: N/A

e-mail: brentbarron@pbelab.com

PO #:

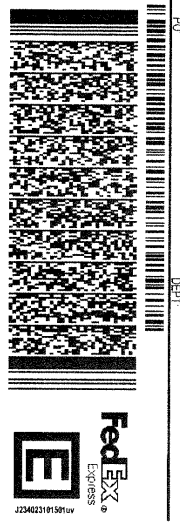
ORDER #:						Preservation & # of Containers								Matrix																			24 Hour Rush STANDARD						
LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	ICE	HNO ₃ 250 poly 1	HCl 3 40mL VOA	H ₂ SO ₄ 1 AMBER 500/250POLY	NaOH /Ascorbic Acid 250ML P	Na ₂ S ₂ O ₃	NONE 250 POLY	NONE 3 AMBER VOAA VIALS	DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	RSK SOP-175	TOC-415.1	Mn DISS ICP-MS 6020A	Fe DISS ICPMS 6020A	8270C PAH LL																		
	3L15006-01			12/14/2023	10:47	Y	5	X	X	X	X					W	X	X	X	X																			X
	3L15006-02			12/14/2023	11:52	Y	5	X	X	X	X					W	X	X	X	X																			X
	3L15006-03			12/14/2023	13:55	Y	5	X	X	X	X					W	X	X	X	X																			X
	3L15006-04			12/14/2023	12:48	Y	5	X	X	X	X					W	X	X	X	X																			X
	3L15006-05			12/14/2023	14:59	Y	8	X	X	X	X				X	W	X	X	X	X	X																		X
	3L15006-06			12/14/2023	15:42	Y	8	X	X	X	X				X	W	X	X	X	X	X																		X
																	Laboratory Comments: Sample Containers Intact? Y N VOCs Free of Headspace? Y N Labels on container(s) Y N Custody seals on container(s) Y N Custody seals on cooler(s) Y N Sample Hand Delivered Y N by Sampler/Client Rep. ? Y N by Courier? UPS DHL FedEx Lone Star Temperature Upon Receipt: Received: °C Adjusted: °C Factor																						
Relinquished by: Brent Barron		Date 12/18/23	Time 17:00	Received by: 		Date 12.19.2023		Time 0920																															
Relinquished by:		Date	Time	Received by:		Date		Time																															
Relinquished by:		Date	Time	Received by:		Date		Time																															

ORIGIN ID:MMFA (432) 686-7235
BRENT BARRON
PBE LAB
1400 RANKIN HWY
MIDLAND TX 79701
UNITED STATES US
SHIP DATE: 18DEC23
ACTWG: 37.00 LB
CWO: 07136866INET1435
DIMS: 15x17x9 IN
BILL RECIPIENT

TO: **SAMPLE RECEIVING**
ALS-HOUSTON
10450 STANCLIFF RD

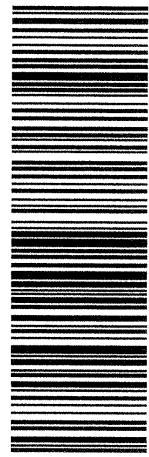
HOUSTON TX 77099
REF: (281) 530-5615

583U4/2BE4/0AE3



TUE - 19 DEC 5:00P
STANDARD OVERNIGHT
7745 2579 2524
TX# 0207

AB SGRA
TX-US IAH
77099



M. Red
DEC 19 2023

After printing this label:
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**PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701**



Analytical Report

Prepared for:

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

Project: 97-17
Project Number: TNM 97-17
Location: Lea County New Mexico
Lab Order Number: 3L19004



Current Certification

Report Date: 01/02/24

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-10	3L19004-01	Water	12/13/23 15:20	12-19-2023 08:30
MW-21	3L19004-02	Water	12/13/23 15:42	12-19-2023 08:30
MW-26	3L19004-03	Water	12/13/23 16:05	12-19-2023 08:30
MW-1	3L19004-04	Water	12/13/23 16:31	12-19-2023 08:30
MW-12	3L19004-05	Water	12/13/23 16:57	12-19-2023 08:30
MW-13	3L19004-06	Water	12/13/23 17:22	12-19-2023 08:30
MW-16	3L19004-07	Water	12/13/23 17:45	12-19-2023 08:30
MW-17	3L19004-08	Water	12/15/23 10:47	12-19-2023 08:30
MW-2	3L19004-09	Water	12/15/23 11:15	12-19-2023 08:30
MW-28	3L19004-10	Water	12/15/23 11:42	12-19-2023 08:30
MW-3	3L19004-11	Water	12/15/23 12:09	12-19-2023 08:30
MW-18	3L19004-12	Water	12/15/23 12:38	12-19-2023 08:30
MW-27	3L19004-13	Water	12/15/23 13:05	12-19-2023 08:30
MW-23	3L19004-14	Water	12/15/23 13:29	12-19-2023 08:30
MW-20	3L19004-15	Water	12/15/23 13:53	12-19-2023 08:30
RW-1	3L19004-16	Water	12/15/23 14:11	12-19-2023 08:30

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

MW-10
3L19004-01 (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	P3L2208	12/22/23 15:19	12/23/23 09:36	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 09:36	EPA 8021B	
Ethylbenzene	0.00331	0.00100	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 09:36	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 09:36	EPA 8021B	
Xylene (o)	0.00135	0.00100	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 09:36	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	84.6 %		80-120		P3L2208	12/22/23 15:19	12/23/23 09:36	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	85.8 %		80-120		P3L2208	12/22/23 15:19	12/23/23 09:36	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

MW-21
3L19004-02 (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	P3L2208	12/22/23 15:19	12/23/23 09:59	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 09:59	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 09:59	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 09:59	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 09:59	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	83.2 %		80-120		P3L2208	12/22/23 15:19	12/23/23 09:59	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	89.5 %		80-120		P3L2208	12/22/23 15:19	12/23/23 09:59	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

MW-26
3L19004-03 (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	P3L2208	12/22/23 15:19	12/23/23 10:22	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 10:22	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 10:22	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 10:22	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 10:22	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	82.7 %		80-120		P3L2208	12/22/23 15:19	12/23/23 10:22	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	88.1 %		80-120		P3L2208	12/22/23 15:19	12/23/23 10:22	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

MW-1
3L19004-04 (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	P3L2208	12/22/23 15:19	12/23/23 10:45	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 10:45	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 10:45	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 10:45	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 10:45	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	85.4 %		80-120		P3L2208	12/22/23 15:19	12/23/23 10:45	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	90.9 %		80-120		P3L2208	12/22/23 15:19	12/23/23 10:45	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

MW-12
3L19004-05 (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	P3L2208	12/22/23 15:19	12/23/23 11:55	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 11:55	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 11:55	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 11:55	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 11:55	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	84.0 %		80-120		P3L2208	12/22/23 15:19	12/23/23 11:55	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	89.9 %		80-120		P3L2208	12/22/23 15:19	12/23/23 11:55	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

MW-13
3L19004-06 (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	P3L2208	12/22/23 15:19	12/23/23 12:18	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 12:18	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 12:18	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 12:18	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 12:18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	84.1 %		80-120		P3L2208	12/22/23 15:19	12/23/23 12:18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	89.9 %		80-120		P3L2208	12/22/23 15:19	12/23/23 12:18	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

MW-16
3L19004-07 (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	P3L2208	12/22/23 15:19	12/23/23 12:42	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 12:42	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 12:42	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 12:42	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 12:42	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	82.8 %		80-120		P3L2208	12/22/23 15:19	12/23/23 12:42	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	90.1 %		80-120		P3L2208	12/22/23 15:19	12/23/23 12:42	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

MW-17
3L19004-08 (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	P3L2208	12/22/23 15:19	12/23/23 13:05	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 13:05	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 13:05	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 13:05	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 13:05	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	82.9 %		80-120		P3L2208	12/22/23 15:19	12/23/23 13:05	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	88.9 %		80-120		P3L2208	12/22/23 15:19	12/23/23 13:05	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

MW-2
3L19004-09 (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	P3L2208	12/22/23 15:19	12/23/23 13:28	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 13:28	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 13:28	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 13:28	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 13:28	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	84.2 %		80-120		P3L2208	12/22/23 15:19	12/23/23 13:28	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	90.9 %		80-120		P3L2208	12/22/23 15:19	12/23/23 13:28	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

MW-28
3L19004-10 (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	P3L2208	12/22/23 15:19	12/23/23 13:51	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 13:51	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 13:51	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 13:51	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 13:51	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	82.8 %		80-120		P3L2208	12/22/23 15:19	12/23/23 13:51	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	89.2 %		80-120		P3L2208	12/22/23 15:19	12/23/23 13:51	EPA 8021B	

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

MW-3
3L19004-11 (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	P3L2208	12/22/23 15:19	12/23/23 14:14	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 14:14	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 14:14	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 14:14	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 14:14	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	83.9 %		80-120		P3L2208	12/22/23 15:19	12/23/23 14:14	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	89.5 %		80-120		P3L2208	12/22/23 15:19	12/23/23 14:14	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

MW-18
3L19004-12 (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	P3L2208	12/22/23 15:19	12/23/23 14:38	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 14:38	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 14:38	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 14:38	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 14:38	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	82.6 %		80-120		P3L2208	12/22/23 15:19	12/23/23 14:38	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	88.6 %		80-120		P3L2208	12/22/23 15:19	12/23/23 14:38	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

MW-27
3L19004-13 (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	P3L2208	12/22/23 15:19	12/23/23 15:01	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 15:01	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 15:01	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 15:01	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 15:01	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	82.8 %		80-120		P3L2208	12/22/23 15:19	12/23/23 15:01	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	88.9 %		80-120		P3L2208	12/22/23 15:19	12/23/23 15:01	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

MW-23
3L19004-14 (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	P3L2208	12/22/23 15:19	12/23/23 15:24	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 15:24	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 15:24	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 15:24	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3L2208	12/22/23 15:19	12/23/23 15:24	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	82.2 %		80-120		P3L2208	12/22/23 15:19	12/23/23 15:24	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	88.7 %		80-120		P3L2208	12/22/23 15:19	12/23/23 15:24	EPA 8021B	

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

MW-20
3L19004-15 (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	P3L2209	12/22/23 15:25	12/23/23 18:30	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3L2209	12/22/23 15:25	12/23/23 18:30	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P3L2209	12/22/23 15:25	12/23/23 18:30	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P3L2209	12/22/23 15:25	12/23/23 18:30	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3L2209	12/22/23 15:25	12/23/23 18:30	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	81.9 %		80-120		P3L2209	12/22/23 15:25	12/23/23 18:30	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	88.0 %		80-120		P3L2209	12/22/23 15:25	12/23/23 18:30	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

RW-1
3L19004-16 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC									
Benzene	0.171	0.00100	mg/L	1	P3L2209	12/22/23 15:25	12/27/23 12:00	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3L2209	12/22/23 15:25	12/27/23 12:00	EPA 8021B	
Ethylbenzene	0.0380	0.00100	mg/L	1	P3L2209	12/22/23 15:25	12/27/23 12:00	EPA 8021B	
Xylene (p/m)	0.0162	0.00200	mg/L	1	P3L2209	12/22/23 15:25	12/27/23 12:00	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P3L2209	12/22/23 15:25	12/27/23 12:00	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	90.3 %		80-120		P3L2209	12/22/23 15:25	12/27/23 12:00	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	90.0 %		80-120		P3L2209	12/22/23 15:25	12/27/23 12:00	EPA 8021B	

Permian Basin Environmental Lab, L.P.

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

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

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 P3L2208 - * DEFAULT PREP *****

Blank (P3L2208-BLK1)

Prepared: 12/22/23 Analyzed: 12/23/23

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	0.101		"	0.120		84.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.106		"	0.120		88.5	80-120			

LCS (P3L2208-BS1)

Prepared: 12/22/23 Analyzed: 12/23/23

Benzene	0.0970	0.00100	mg/L	0.100		97.0	80-120			
Toluene	0.0900	0.00100	"	0.100		90.0	80-120			
Ethylbenzene	0.0913	0.00100	"	0.100		91.3	80-120			
Xylene (p/m)	0.177	0.00200	"	0.200		88.3	80-120			
Xylene (o)	0.0801	0.00100	"	0.100		80.1	80-120			
Surrogate: 4-Bromofluorobenzene	0.0975		"	0.120		81.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.106		"	0.120		88.4	80-120			

LCS Dup (P3L2208-BS1)

Prepared: 12/22/23 Analyzed: 12/23/23

Benzene	0.103	0.00100	mg/L	0.100		103	80-120	5.53	20	
Toluene	0.0957	0.00100	"	0.100		95.7	80-120	6.16	20	
Ethylbenzene	0.0965	0.00100	"	0.100		96.5	80-120	5.48	20	
Xylene (p/m)	0.186	0.00200	"	0.200		93.0	80-120	5.23	20	
Xylene (o)	0.0824	0.00100	"	0.100		82.4	80-120	2.88	20	
Surrogate: 4-Bromofluorobenzene	0.0964		"	0.120		80.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.105		"	0.120		87.2	80-120			

Calibration Blank (P3L2208-CCB1)

Prepared: 12/22/23 Analyzed: 12/23/23

Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.180		"							
Xylene (p/m)	0.190		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.0977		"	0.120		81.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.106		"	0.120		88.1	80-120			

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3L2208 - *** DEFAULT PREP ***

Calibration Blank (P3L2208-CCB2)			Prepared: 12/22/23 Analyzed: 12/23/23							
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.220		"							
Xylene (p/m)	0.260		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.0991		"	0.120		82.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.107		"	0.120		89.3	80-120			
Calibration Blank (P3L2208-CCB3)			Prepared: 12/22/23 Analyzed: 12/23/23							
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.290		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.100		"	0.120		83.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.107		"	0.120		89.3	80-120			
Calibration Check (P3L2208-CCV1)			Prepared: 12/22/23 Analyzed: 12/23/23							
Benzene	0.104	0.00100	mg/L	0.100		104	80-120			
Toluene	0.0962	0.00100	"	0.100		96.2	80-120			
Ethylbenzene	0.0909	0.00100	"	0.100		90.9	80-120			
Xylene (p/m)	0.186	0.00200	"	0.200		92.8	80-120			
Xylene (o)	0.0843	0.00100	"	0.100		84.3	80-120			
Surrogate: 4-Bromofluorobenzene	0.0975		"	0.120		81.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.106		"	0.120		88.6	80-120			
Calibration Check (P3L2208-CCV2)			Prepared: 12/22/23 Analyzed: 12/23/23							
Benzene	0.105	0.00100	mg/L	0.100		105	80-120			
Toluene	0.0965	0.00100	"	0.100		96.5	80-120			
Ethylbenzene	0.0904	0.00100	"	0.100		90.4	80-120			
Xylene (p/m)	0.184	0.00200	"	0.200		92.0	80-120			
Xylene (o)	0.0838	0.00100	"	0.100		83.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.0967		"	0.120		80.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.105		"	0.120		87.9	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	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3L2208 - *** DEFAULT PREP ***

Calibration Check (P3L2208-CCV3)				Prepared: 12/22/23 Analyzed: 12/23/23						
Benzene	0.0978	0.00100	mg/L	0.100		97.8	80-120			
Toluene	0.0909	0.00100	"	0.100		90.9	80-120			
Ethylbenzene	0.0859	0.00100	"	0.100		85.9	80-120			
Xylene (p/m)	0.175	0.00200	"	0.200		87.4	80-120			
Xylene (o)	0.0807	0.00100	"	0.100		80.7	80-120			
Surrogate: 4-Bromofluorobenzene	0.0989		"	0.120		82.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.108		"	0.120		89.8	80-120			

Matrix Spike (P3L2208-MS1)				Source: 3L15009-04		Prepared: 12/22/23 Analyzed: 12/23/23				
Benzene	0.0926	0.00100	mg/L	0.100	ND	92.6	80-120			
Toluene	0.0838	0.00100	"	0.100	ND	83.8	80-120			
Ethylbenzene	0.0833	0.00100	"	0.100	ND	83.3	80-120			
Xylene (p/m)	0.159	0.00200	"	0.200	ND	79.4	80-120			QM-05
Xylene (o)	0.0704	0.00100	"	0.100	ND	70.4	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	0.0997		"	0.120		83.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.108		"	0.120		89.9	80-120			

Matrix Spike Dup (P3L2208-MSD1)				Source: 3L15009-04		Prepared: 12/22/23 Analyzed: 12/23/23				
Benzene	0.0885	0.00100	mg/L	0.100	ND	88.5	80-120	4.45	20	
Toluene	0.0803	0.00100	"	0.100	ND	80.3	80-120	4.24	20	
Ethylbenzene	0.0802	0.00100	"	0.100	ND	80.2	80-120	3.84	20	
Xylene (p/m)	0.154	0.00200	"	0.200	ND	76.8	80-120	3.42	20	QM-05
Xylene (o)	0.0676	0.00100	"	0.100	ND	67.6	80-120	4.14	20	QM-05
Surrogate: 4-Bromofluorobenzene	0.0999		"	0.120		83.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.108		"	0.120		89.8	80-120			

Batch P3L2209 - *** DEFAULT PREP ***

Blank (P3L2209-BLK1)				Prepared: 12/22/23 Analyzed: 12/23/23						
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	0.0993		"	0.120		82.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.106		"	0.120		88.6	80-120			

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3L2209 - *** DEFAULT PREP ***

LCS (P3L2209-BS1)		Prepared: 12/22/23 Analyzed: 12/23/23								
Benzene	0.0938	0.00100	mg/L	0.100		93.8	80-120			
Toluene	0.0859	0.00100	"	0.100		85.9	80-120			
Ethylbenzene	0.0861	0.00100	"	0.100		86.1	80-120			
Xylene (p/m)	0.167	0.00200	"	0.200		83.5	80-120			
Xylene (o)	0.0808	0.00100	"	0.100		80.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.101		"	0.120		84.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.109		"	0.120		91.0	80-120			

LCS Dup (P3L2209-BSD1)		Prepared: 12/22/23 Analyzed: 12/23/23								
Benzene	0.0998	0.00100	mg/L	0.100		99.8	80-120	6.10	20	
Toluene	0.0921	0.00100	"	0.100		92.1	80-120	6.98	20	
Ethylbenzene	0.0924	0.00100	"	0.100		92.4	80-120	7.04	20	
Xylene (p/m)	0.178	0.00200	"	0.200		89.2	80-120	6.62	20	
Xylene (o)	0.0804	0.00100	"	0.100		80.4	80-120	0.496	20	
Surrogate: 4-Bromofluorobenzene	0.0999		"	0.120		83.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.108		"	0.120		89.6	80-120			

Calibration Blank (P3L2209-CCB1)		Prepared: 12/22/23 Analyzed: 12/23/23								
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.290		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.100		"	0.120		83.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.107		"	0.120		89.3	80-120			

Calibration Blank (P3L2209-CCB2)		Prepared: 12/22/23 Analyzed: 12/23/23								
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.260		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.0992		"	0.120		82.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.106		"	0.120		88.0	80-120			

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3L2209 - *** DEFAULT PREP ***

Calibration Check (P3L2209-CCV1)				Prepared: 12/22/23 Analyzed: 12/23/23						
Benzene	0.0978	0.00100	mg/L	0.100		97.8	80-120			
Toluene	0.0909	0.00100	"	0.100		90.9	80-120			
Ethylbenzene	0.0859	0.00100	"	0.100		85.9	80-120			
Xylene (p/m)	0.175	0.00200	"	0.200		87.4	80-120			
Xylene (o)	0.0807	0.00100	"	0.100		80.7	80-120			
Surrogate: 4-Bromofluorobenzene	0.0989		"	0.120		82.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.108		"	0.120		89.8	80-120			

Calibration Check (P3L2209-CCV2)				Prepared: 12/22/23 Analyzed: 12/23/23						
Benzene	0.101	0.00100	mg/L	0.100		101	80-120			
Toluene	0.0937	0.00100	"	0.100		93.7	80-120			
Ethylbenzene	0.0882	0.00100	"	0.100		88.2	80-120			
Xylene (p/m)	0.179	0.00200	"	0.200		89.5	80-120			
Xylene (o)	0.0812	0.00100	"	0.100		81.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.0996		"	0.120		83.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.108		"	0.120		90.4	80-120			

Calibration Check (P3L2209-CCV3)				Prepared: 12/22/23 Analyzed: 12/24/23						
Benzene	0.0972	0.00100	mg/L	0.100		97.2	80-120			
Toluene	0.0909	0.00100	"	0.100		90.9	80-120			
Ethylbenzene	0.0850	0.00100	"	0.100		85.0	80-120			
Xylene (p/m)	0.174	0.00200	"	0.200		86.9	80-120			
Xylene (o)	0.0805	0.00100	"	0.100		80.5	80-120			
Surrogate: 4-Bromofluorobenzene	0.0978		"	0.120		81.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.106		"	0.120		88.6	80-120			

Matrix Spike (P3L2209-MS1)				Source: 3L19004-15		Prepared: 12/22/23 Analyzed: 12/24/23				
Benzene	0.0988	0.00100	mg/L	0.100	ND	98.8	80-120			
Toluene	0.0884	0.00100	"	0.100	ND	88.4	80-120			
Ethylbenzene	0.0885	0.00100	"	0.100	ND	88.5	80-120			
Xylene (p/m)	0.168	0.00200	"	0.200	ND	84.1	80-120			
Xylene (o)	0.0747	0.00100	"	0.100	ND	74.7	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	0.0986		"	0.120		82.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.106		"	0.120		88.4	80-120			

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3L2209 - *** DEFAULT PREP ***

Matrix Spike Dup (P3L2209-MSD1)	Source: 3L19004-15			Prepared: 12/22/23		Analyzed: 12/24/23				
Benzene	0.102	0.00100	mg/L	0.100	ND	102	80-120	3.00	20	
Toluene	0.0912	0.00100	"	0.100	ND	91.2	80-120	3.17	20	
Ethylbenzene	0.0907	0.00100	"	0.100	ND	90.7	80-120	2.46	20	
Xylene (p/m)	0.172	0.00200	"	0.200	ND	85.8	80-120	2.03	20	
Xylene (o)	0.0770	0.00100	"	0.100	ND	77.0	80-120	2.99	20	QM-05
Surrogate: 4-Bromofluorobenzene	0.0969		"	0.120		80.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.106		"	0.120		88.1	80-120			

Permian Basin Environmental Lab, L.P.

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

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

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

Notes and Definitions

ROI Received on Ice

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

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

NPBEL C Chain of Custody was not generated at PBELAB

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

1/2/2024

Brent Barron, Laboratory Director/Technical Director

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

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

Permian Basin Environmental Lab, L.P.

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

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

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

Permian Basin Environmental Lab, L.P.

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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
1400 Rankin Hwy
Midland, Texas 79701

Phone: 432-686-7235

Page 2 of 2

Project Manager: Curt Stanley

Project Name: 97-17

Company Name: TRC Environmental Corporation

Project #: SRS: TNM 97-17

Company Address: 10 Desta Drive, Ste 130E

Project Loc: Lea County, NM

City/State/Zip: Midland TX 79705

PO #:

Telephone No: (432) 520-7720

Fax No:

Report Format: ☒ Standard ☐ TRRP ☐ NPDESSampler Signature: *Mark Hester*e-mail: cdstanley@trccompanies.com
clbryant@paalp.com
khuddgens@paalp.com

(lab use only)

ORDER #:

LAB # (lab use only)

FIELD CODE

Beginning Depth

Ending Depth

Date Sampled

Time Sampled

Field Filtered

Total #. of Containers

Preservation & # of Containers

Matrix

Ice
HNO₃
HCl
H₂SO₄
NaOH
Na₂S₂O₃
None
Other (Specify)
DW=Drinking Water SL=Sludge
GW = Groundwater S=Soil/Solid
NP=Non-Potable Specify Other

TOC MW 5310

Dissolved Methane, Ethane, and Ethene by RSK-175

Total Dissolved Metals (Fe and Mn) by SW 6010

Nitrate and Sulfate by E300

COD by SM 5310

Total BTEX by 8260

TCLP:
TOTAL: X

Analyze For:

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

Standard TAT

Special Instructions:

BILL TO PLAINS

Relinquished by: *Manny* Date: 12-19-23 Time: 0830Received by: *Jim Blodgett*

Date: 12/19/23 Time: 8:30

Relinquished by: *Manny* Date: 12-19-23 Time: 0830Received by: *Jim Blodgett*

Date: 12/19/23 Time: 8:30

Relinquished by: *Manny* Date: 12-19-23 Time: 0830Received by: *Jim Blodgett*

Date: 12/19/23 Time: 8:30

Laboratory Comments:

Sample Containers Intact? *Y*VOCs Free of Headspace? *Y*Labels on container(s) *Y*Custody seals on container(s) *Y*Custody seals on cooler(s) *Y*Sample Hand Delivered *Y*by Sampler/Client Rep. ? *Y*by Courier? *Y*Temperature Upon Receipt: *5.2* °CAdjusted: *5.2* °C Factor *NCE*

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



Analytical Report

Prepared for:

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

Project: 97-17
Project Number: TNM 97-17
Location: Lea County New Mexico
Lab Order Number: 3L15007



Current Certification

Report Date: 01/02/24

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
RW-6	3L15007-01	Water	12/14/23 16:10	12-15-2023 08:45
MW-14	3L15007-02	Water	12/14/23 16:22	12-15-2023 08:45
RW-4	3L15007-03	Water	12/14/23 16:58	12-15-2023 08:45
MW-4	3L15007-04	Water	12/14/23 17:25	12-15-2023 08:45

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

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

RW-6
3L15007-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.109	0.00100	mg/L	1	P3L2206	12/22/23 08:00	12/23/23 01:52	EPA 8021B	
Toluene	0.0108	0.00100	mg/L	1	P3L2206	12/22/23 08:00	12/23/23 01:52	EPA 8021B	
Ethylbenzene	0.0200	0.00100	mg/L	1	P3L2206	12/22/23 08:00	12/23/23 01:52	EPA 8021B	
Xylene (p/m)	0.0243	0.00200	mg/L	1	P3L2206	12/22/23 08:00	12/23/23 01:52	EPA 8021B	
Xylene (o)	0.0120	0.00100	mg/L	1	P3L2206	12/22/23 08:00	12/23/23 01:52	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	85.1 %		80-120		P3L2206	12/22/23 08:00	12/23/23 01:52	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	81.9 %		80-120		P3L2206	12/22/23 08:00	12/23/23 01:52	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.041	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 12:56	8270C	SUB-13
2-Methylnaphthalene	0.0026	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 12:56	8270C	SUB-13
Acenaphthene	0.0012	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 12:56	8270C	SUB-13
Acenaphthylene	0.0015	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 12:56	8270C	SUB-13
Anthracene	0.0028	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 12:56	8270C	SUB-13
Benzo (a) anthracene	ND	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 12:56	8270C	SUB-13
Benzo (a) pyrene	ND	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 12:56	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 12:56	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 12:56	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 12:56	8270C	SUB-13
Chrysene	ND	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 12:56	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 12:56	8270C	SUB-13
Dibenzofuran	ND	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 12:56	8270C	SUB-13
Fluoranthene	0.0066	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 12:56	8270C	SUB-13
Fluorene	ND	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 12:56	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	0.0077	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 12:56	8270C	SUB-13
Naphthalene	0.0069	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 12:56	8270C	SUB-13
Phenanthrene	0.0022	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 12:56	8270C	SUB-13
Pyrene	0.083	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 13:16	8270C	SUB-13

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

MW-14
3L15007-02 (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	P3L2206	12/22/23 08:00	12/23/23 02:15	EPA 8021B	
Toluene	0.00113	0.00100	mg/L	1	P3L2206	12/22/23 08:00	12/23/23 02:15	EPA 8021B	
Ethylbenzene	0.157	0.00100	mg/L	1	P3L2206	12/22/23 08:00	12/23/23 02:15	EPA 8021B	
Xylene (p/m)	0.0380	0.00200	mg/L	1	P3L2206	12/22/23 08:00	12/23/23 02:15	EPA 8021B	
Xylene (o)	0.00854	0.00100	mg/L	1	P3L2206	12/22/23 08:00	12/23/23 02:15	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	83.3 %		80-120		P3L2206	12/22/23 08:00	12/23/23 02:15	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	84.9 %		80-120		P3L2206	12/22/23 08:00	12/23/23 02:15	EPA 8021B	

PAH compounds by Semivolatile GCMS									
1-Methylnaphthalene	0.038	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 13:16	8270C	SUB-13
2-Methylnaphthalene	0.0011	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 13:16	8270C	SUB-13
Acenaphthene	0.0011	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 13:16	8270C	SUB-13
Acenaphthylene	0.0023	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 13:16	8270C	SUB-13
Anthracene	ND	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 13:16	8270C	SUB-13
Benzo (a) anthracene	ND	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 13:16	8270C	SUB-13
Benzo (a) pyrene	ND	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 13:16	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 13:16	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 13:16	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 13:16	8270C	SUB-13
Chrysene	ND	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 13:16	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 13:16	8270C	SUB-13
Dibenzofuran	0.0066	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 13:16	8270C	SUB-13
Fluoranthene	ND	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 13:16	8270C	SUB-13
Fluorene	0.056	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 13:16	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	0.0081	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 13:16	8270C	SUB-13
Naphthalene	0.0010	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 13:16	8270C	SUB-13
Phenanthrene	0.011	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 13:57	8270C	SUB-13
Pyrene	0.0014	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 13:57	8270C	SUB-13

Permian Basin Environmental Lab, L.P.

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

RW-4
3L15007-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC									
Benzene	0.245	0.00100	mg/L	1	P3L2206	12/22/23 08:00	12/27/23 11:37	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P3L2206	12/22/23 08:00	12/27/23 11:37	EPA 8021B	
Ethylbenzene	0.0697	0.00100	mg/L	1	P3L2206	12/22/23 08:00	12/27/23 11:37	EPA 8021B	
Xylene (p/m)	0.0406	0.00200	mg/L	1	P3L2206	12/22/23 08:00	12/27/23 11:37	EPA 8021B	
Xylene (o)	0.00885	0.00100	mg/L	1	P3L2206	12/22/23 08:00	12/27/23 11:37	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	88.8 %		80-120		P3L2206	12/22/23 08:00	12/27/23 11:37	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	86.6 %		80-120		P3L2206	12/22/23 08:00	12/27/23 11:37	EPA 8021B	

PAH compounds by Semivolatile GCMS									
1-Methylnaphthalene	ND	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 13:57	8270C	SUB-13
2-Methylnaphthalene	ND	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 13:57	8270C	SUB-13
Acenaphthene	ND	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 13:57	8270C	SUB-13
Acenaphthylene	ND	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 13:57	8270C	SUB-13
Anthracene	ND	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 13:57	8270C	SUB-13
Benzo (a) anthracene	ND	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 13:57	8270C	SUB-13
Benzo (a) pyrene	ND	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 13:57	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 13:57	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 13:57	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 13:57	8270C	SUB-13
Chrysene	ND	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 13:57	8270C	SUB-13
Dibenzo (a,h) anthracene	0.0013	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 13:57	8270C	SUB-13
Dibenzofuran	ND	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 13:57	8270C	SUB-13
Fluoranthene	0.012	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 13:57	8270C	SUB-13
Fluorene	ND	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 13:57	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 13:57	8270C	SUB-13
Naphthalene	0.060	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 14:17	8270C	SUB-13
Phenanthrene	0.030	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 14:17	8270C	SUB-13
Pyrene	0.0011	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 14:17	8270C	SUB-13

Permian Basin Environmental Lab, L.P.

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

MW-4
3L15007-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	1.62	0.00500	mg/L	5	P3L2206	12/22/23 08:00	12/23/23 03:02	EPA 8021B	
Toluene	0.00895	0.00500	mg/L	5	P3L2206	12/22/23 08:00	12/23/23 03:02	EPA 8021B	
Ethylbenzene	0.0190	0.00500	mg/L	5	P3L2206	12/22/23 08:00	12/23/23 03:02	EPA 8021B	
Xylene (p/m)	0.0599	0.0100	mg/L	5	P3L2206	12/22/23 08:00	12/23/23 03:02	EPA 8021B	
Xylene (o)	0.00940	0.00500	mg/L	5	P3L2206	12/22/23 08:00	12/23/23 03:02	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	86.0 %		80-120		P3L2206	12/22/23 08:00	12/23/23 03:02	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	87.2 %		80-120		P3L2206	12/22/23 08:00	12/23/23 03:02	EPA 8021B	

PAH compounds by Semivolatile GCMS

1-Methylnaphthalene	0.0018	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 14:17	8270C	SUB-13
2-Methylnaphthalene	0.0047	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 14:17	8270C	SUB-13
Acenaphthene	ND	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 14:17	8270C	SUB-13
Acenaphthylene	ND	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 14:17	8270C	SUB-13
Anthracene	ND	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 14:17	8270C	SUB-13
Benzo (a) anthracene	ND	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 14:17	8270C	SUB-13
Benzo (a) pyrene	ND	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 14:17	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 14:17	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 14:17	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 14:17	8270C	SUB-13
Chrysene	0.010	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 14:17	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 14:17	8270C	SUB-13
Dibenzofuran	0.025	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 14:17	8270C	SUB-13
Fluoranthene	0.013	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 14:17	8270C	SUB-13
Fluorene	ND	0.0010	mg/L	1	P4A0203	12/21/24 12:00	12/28/23 14:17	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.00011	mg/L	1	P4A0203	12/21/24 12:00	01/02/24 08:34	8270C	SUB-13
Naphthalene	ND	0.00011	mg/L	1	P4A0203	12/21/24 12:00	01/02/24 08:34	8270C	SUB-13
Phenanthrene	ND	0.00011	mg/L	1	P4A0203	12/21/24 12:00	01/02/24 08:34	8270C	SUB-13
Pyrene	ND	0.00011	mg/L	1	P4A0203	12/21/24 12:00	01/02/24 08:34	8270C	SUB-13

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	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3L2206 - *** DEFAULT PREP ***

Blank (P3L2206-BLK1)		Prepared & Analyzed: 12/22/23								
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	0.103		"	0.120		85.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.107		"	0.120		89.4	80-120			

LCS (P3L2206-BS1)		Prepared & Analyzed: 12/22/23								
Benzene	0.0960	0.00100	mg/L	0.100		96.0	80-120			
Toluene	0.0895	0.00100	"	0.100		89.5	80-120			
Ethylbenzene	0.0910	0.00100	"	0.100		91.0	80-120			
Xylene (p/m)	0.179	0.00200	"	0.200		89.3	80-120			
Xylene (o)	0.0805	0.00100	"	0.100		80.5	80-120			
Surrogate: 4-Bromofluorobenzene	0.103		"	0.120		85.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.109		"	0.120		91.0	80-120			

LCS Dup (P3L2206-BSD1)		Prepared & Analyzed: 12/22/23								
Benzene	0.0984	0.00100	mg/L	0.100		98.4	80-120	2.47	20	
Toluene	0.0930	0.00100	"	0.100		93.0	80-120	3.81	20	
Ethylbenzene	0.0943	0.00100	"	0.100		94.3	80-120	3.55	20	
Xylene (p/m)	0.184	0.00200	"	0.200		91.9	80-120	2.92	20	
Xylene (o)	0.0808	0.00100	"	0.100		80.8	80-120	0.335	20	
Surrogate: 4-Bromofluorobenzene	0.102		"	0.120		84.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.109		"	0.120		90.6	80-120			

Calibration Blank (P3L2206-CCB1)		Prepared & Analyzed: 12/22/23								
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.210		"							
Xylene (p/m)	0.310		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.103		"	0.120		85.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.109		"	0.120		90.6	80-120			

Permian Basin Environmental Lab, L.P.

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

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3L2206 - *** DEFAULT PREP ***

Calibration Blank (P3L2206-CCB2)				Prepared: 12/22/23 Analyzed: 12/23/23						
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.140		"							
Xylene (p/m)	0.210		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.103		"	0.120		86.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.109		"	0.120		90.6	80-120			

Calibration Blank (P3L2206-CCB3)				Prepared: 12/22/23 Analyzed: 12/23/23						
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.180		"							
Xylene (p/m)	0.190		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.0977		"	0.120		81.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.106		"	0.120		88.1	80-120			

Calibration Check (P3L2206-CCV1)				Prepared & Analyzed: 12/22/23						
Benzene	0.0993	0.00100	mg/L	0.100		99.3	80-120			
Toluene	0.0930	0.00100	"	0.100		93.0	80-120			
Ethylbenzene	0.0894	0.00100	"	0.100		89.4	80-120			
Xylene (p/m)	0.185	0.00200	"	0.200		92.5	80-120			
Xylene (o)	0.0827	0.00100	"	0.100		82.7	80-120			
Surrogate: 4-Bromofluorobenzene	0.104		"	0.120		86.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.110		"	0.120		91.9	80-120			

Calibration Check (P3L2206-CCV2)				Prepared & Analyzed: 12/22/23						
Benzene	0.102	0.00100	mg/L	0.100		102	80-120			
Toluene	0.0968	0.00100	"	0.100		96.8	80-120			
Ethylbenzene	0.0919	0.00100	"	0.100		91.9	80-120			
Xylene (p/m)	0.188	0.00200	"	0.200		94.2	80-120			
Xylene (o)	0.0847	0.00100	"	0.100		84.7	80-120			
Surrogate: 4-Bromofluorobenzene	0.103		"	0.120		86.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.110		"	0.120		91.5	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	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Curt Stanley

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

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

Batch P3L2206 - *** DEFAULT PREP ***

Calibration Check (P3L2206-CCV3)	Prepared: 12/22/23 Analyzed: 12/23/23									
Benzene	0.104	0.00100	mg/L	0.100		104	80-120			
Toluene	0.0962	0.00100	"	0.100		96.2	80-120			
Ethylbenzene	0.0909	0.00100	"	0.100		90.9	80-120			
Xylene (p/m)	0.186	0.00200	"	0.200		92.8	80-120			
Xylene (o)	0.0843	0.00100	"	0.100		84.3	80-120			
Surrogate: 4-Bromofluorobenzene	0.0975		"	0.120		81.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.106		"	0.120		88.6	80-120			

Matrix Spike (P3L2206-MS1)	Source: 3L14001-01		Prepared: 12/22/23 Analyzed: 12/23/23							
Benzene	0.0812	0.00100	mg/L	0.100	ND	81.2	80-120			
Toluene	0.0739	0.00100	"	0.100	ND	73.9	80-120			QM-05
Ethylbenzene	0.0753	0.00100	"	0.100	ND	75.3	80-120			QM-05
Xylene (p/m)	0.147	0.00200	"	0.200	ND	73.5	80-120			QM-05
Xylene (o)	0.0636	0.00100	"	0.100	ND	63.6	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	0.0967		"	0.120		80.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.103		"	0.120		85.9	80-120			

Matrix Spike Dup (P3L2206-MSD1)	Source: 3L14001-01		Prepared: 12/22/23 Analyzed: 12/23/23							
Benzene	0.0982	0.00100	mg/L	0.100	ND	98.2	80-120	18.9	20	
Toluene	0.0903	0.00100	"	0.100	ND	90.3	80-120	20.0	20	
Ethylbenzene	0.0920	0.00100	"	0.100	ND	92.0	80-120	20.1	20	QM-05
Xylene (p/m)	0.178	0.00200	"	0.200	ND	88.9	80-120	19.0	20	
Xylene (o)	0.0777	0.00100	"	0.100	ND	77.7	80-120	19.9	20	QM-05
Surrogate: 4-Bromofluorobenzene	0.0962		"	0.120		80.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.104		"	0.120		86.6	80-120			

Permian Basin Environmental Lab, L.P.

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

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

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

Notes and Definitions

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

ROI Received on Ice

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

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

NPBEL C Chain of Custody was not generated at PBELAB

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

1/2/2024

Brent Barron, Laboratory Director/Technical Director

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

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

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

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

Permian Basin Environmental Lab, L.P.

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

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

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235

Page 1 of 1

Project Manager: Curt Stanley

Project Name: 97-17

Company Name: TRC Environmental Corporation

Project #: SRS: TNM 97-17

Company Address: 10 Desta Drive, Ste 130E

Project Loc: Lea County, NM

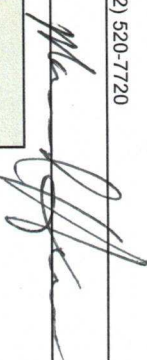
City/State/Zip: Midland TX 79705

PO #:

Telephone No: (432) 520-7720

Fax No:

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

Sampler Signature: 

e-mail:

cdstanley@trccompanies.com
clbryant@paalp.com
knudgens@paalp.com
mgreen@trccompanies.com

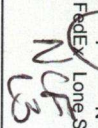
(lab use only)

ORDER #: 3L15007

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers							Matrix	Analyze For:					RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT								
								Ice	HNO ₃ (Field Filtered 250 ml)	HCl (40 ml VOA)	H ₂ SO ₄ (250 ml)	NaOH	Na ₂ S ₂ O ₃	None (40 ml Amber VOA)	Other (Specify)	DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	TOC MW 5310	Dissolved Methane, Ethane, and Ethene by RSK-175	Total Dissolved Metals (Fe and Mn) by SW 6010	Nitrate and Sulfate by E300	COD by SM 5310	Total BTEX by 8260	PAH by 8270							
1	RW-6			12-14-23	1610		3	X	3								GW													
2	RW-5						3	X									GW													
3	MW-14			12-14-23	1622		3	X	3								GW													
4	RW-4			12-14-23	1658		3	X	3								GW													
	MW-4			12-14-23	1725		3	X	3								GW													
	MW-15						3	X									GW													
	MW-6						3	X									GW													
	MW-8						3	X									GW													

Special Instructions:

BILL TO PLAINS

Relinquished by:	Date	Time	Received by:	Date	Time	Relinquished by:	Date	Time	Received by:	Date	Time	Laboratory Comments:
Relinquished by: Manny	12-15-23	0845	Received by: 			Relinquished by: 	12/15/23	8:45	Received by: 			Sample Containers Intact? ☒ VOCs Free of Headspace? ☒ Labels on container(s) ☒ Custody seals on container(s) ☒ Custody seals on cooler(s) ☒ Sample Hand Delivered by Sampler/Client Rep. ? ☒ by Courier? ☒ Temperature Upon Receipt: 4.1 °C Adjusted: 4.1 °C Factor

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235
PBELAB SUB COC V2

Project Manager: Brent Barron

Project Name: SUBCONTRACT

Company Name PBEL

Project #:

Company Address: 1400 Rankin HWY

Project Loc:

City/State/Zip: Midland Texas 79701

PO #:

Telephone No: 432-661-4184

Fax No:

Report Format: X Standard

☐ TRRP

☐ NPDES

Sampler Signature: N/A

e-mail: brentbarron@pbelab.com

ORDER #:																																					
LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers							Matrix		8270C PAH LL																24 Hour Rush	STANDARD			
								ICE	HNO ₃ 250 poly 1	HCl 3 40mL VOA	H ₂ SO ₄ 1 AMBER 500/250POLY	NaOH /Ascorbic Acid 250ML P	Na ₂ S ₂ O ₃	NONE 250 POLY	NONE 3 AMBER VOAA VIALS	DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other																					
	3L15007-01			12/14/2023	16:10		3	X							X	W	X																				
	3L15007-02			12/14/2023	16:22		3	X							X	W	X																				
	3L15007-03			12/14/2023	16:58		3	X							X	W	X																				
	3L15007-04			12/14/2023	17:25		3	X							X	W	X																				
																Laboratory Comments:																					
																Sample Containers Intact? Y N																					
																VOCs Free of Headspace? Y N																					
Relinquished by: Brent Barron																Date	Time	Received by:									Date	Time	Labels on container(s) Y N								
																Custody seals on container(s) Y N																					
																Custody seals on cooler(s) Y N																					
Relinquished by:																Date	Time	Received by:									Date	Time	Sample Hand Delivered Y N								
																by Sampler/Client Rep. ? Y N																					
																by Courier? UPS DHL FedEx Lone Star																					
Relinquished by:																Date	Time	Received by:									Date	Time	Temperature Upon Receipt:								
																Received: °C																					
																Adjusted: °C Factor																					

APPENDIX B:
Release Notification and Corrective Action (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 Vacuum Jct. to Gal Main Line		Facility Type pipe line
Surface Owner Millard Bush	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
	21	20S	37E					Lea

NATURE OF RELEASE

Type of Release sour crude	Volume of Release 170 barrels	Volume Recovered 160 barrels
Source of Release 8" pipeline on scraper trap bypass	Date and Hour of Occurrence Unknown	Date and Hour of Discovery 8-13-97 3:00 PM
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Delina Wardlaw	
By Whom? Johnny W. Chapman	Date and Hour 8-13-97 4:45 pm CST	
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 351144

CONDITIONS

Operator: PLAINS MARKETING L.P. 333 Clay Street Suite 1900 Houston, TX 77002	OGRID:
	34053
	Action Number:
	351144
Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)	

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Review of the 2023 Annual Monitoring Report for TNM 97-17 Site; Content Satisfactory 1. Continue to gauge wells monthly, and sample groundwater on a quarterly basis as planned. 2. Conduct PAH analysis on wells: MW-4, MW-6, MW-7, MW-8, MW-14, MW-15 and MW-19 as planned in the report. 3. Conduct low flow sampling on MW-11, MW-5, MW-7 and MW-19, MW-25, RW-3. 4. Submit next annual groundwater report with findings to NMOCD by April 1, 2025.	6/12/2024