



2014
ANNUAL MONITORING REPORT

TNM 97-18

SW ¼ NE ¼ of SECTION 28, TOWNSHIP 20 SOUTH, RANGE 37 EAST
LEA COUNTY, NEW MEXICO
PLAINS SRS NUMBER: TNM 97-18-KNOWN
NMOCD Reference AP-0013

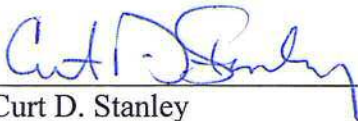
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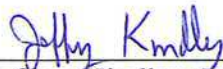

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2014 Annual Monitoring Report

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INTRODUCTION

On behalf of Plains Marketing, L.P., (Plains), TRC Solutions, Inc. is pleased to submit this 2014 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 Solutions, Inc., previously NOVA Safety and Environmental (NOVA). The TNM 97-18 Pipeline Release Site (the site), formerly the responsibility of Enron Oil Trading and Transportation (EOTT), is now the responsibility of Plains. This report is intended to be viewed as a complete document with figures, appendices, tables, and text. The report presents the results of the quarterly groundwater monitoring events conducted in calendar year 2014 only. Historic data is provided on the enclosed data disk. For reference, the Site Location Map is provided as Figure 1.

Groundwater monitoring was conducted during each quarter of 2014 to assess the levels and extent of dissolved phase constituents and Phase Separated Hydrocarbon (PSH). Each groundwater monitoring event consisted of measuring static water levels in monitor wells, checking for the presence of PSH on the water column and purging and sampling of each well exhibiting sufficient recharge. Monitor wells containing a thickness of PSH greater than 0.01 foot were not sampled as per a NMOCD directive.

SITE DESCRIPTION AND BACKGROUND INFORMATION

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

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

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

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

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

FIELD ACTIVITIES

Product Recovery Efforts

A measurable thickness of PSH was detected in monitor wells MW-5, MW-6, MW-7, and MW-10 and recovery wells RW-1 and RW-2 during the 2014 annual reporting period. A maximum PSH thickness of 1.97 feet was recorded on November 6, 2014 in monitor well MW-7 and is shown on Table 1. The average thickness of PSH in monitor and recovery wells exhibiting PSH was 0.20 feet during the reporting period. Approximately 61.9 gallons (1.47 barrels) of PSH was recovered from the site during the 2014 reporting period. A total of approximately 1,278.9 gallons (30.45 barrels) of PSH has been recovered since project inception.

Groundwater Monitoring

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

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

The site monitor wells were gauged and sampled on February 10, May 22, August 13, and November 5-6, 2014. During each sampling event, monitor wells were purged of a minimum of three (3) well volumes of water or until the wells failed to produce water. Purging was performed using a disposable polyethylene bailer for each well or electrical Grundfos pump and dedicated tubing. Groundwater was allowed to recharge and samples were collected using disposable Teflon samplers. Water samples were placed in clean glass containers provided by the laboratory.

and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of at a licensed disposal facility.

Locations of the monitor wells and the inferred groundwater gradient, which were constructed from measurements collected during quarterly sampling events performed in 2014, are depicted on the Inferred Groundwater Gradient Map(s), Figures 2A-2D. Groundwater elevation data for 2014 is provided as Table 1. Historic groundwater elevation data beginning at project inception is enclosed on the enclosed data disk.

The most recent Groundwater Gradient Map, Figure 2D, indicates a general gradient of 0.004 feet/foot in a southeast direction as measured between MW-5 and MW-4. This is consistent with data presented on Figures 2A through 2C from earlier in the year. The corrected groundwater elevations ranged between 3,462.89 to 3,477.03 feet above mean sea level, in monitor well MW-23 on February 10, 2014 and in monitor well MW-20 on September 23, 2014, respectively.

LABORATORY RESULTS

Groundwater samples obtained during the quarterly sampling events of 2014 were delivered to Trace Analysis, Inc. in Midland, Texas for determination of Benzene, Toluene, Ethylbenzene, and Xylene (BTEX) constituent concentrations by EPA Method 8021B. Polynuclear Aromatic Hydrocarbons (PAH) analysis was conducted during the 2014 calendar year on monitor wells MW-2, MW-4, MW-5, MW-10, MW-17, and MW-18 and recovery wells RW-1 and RW-2. Based upon historic PAH analytical data, only those wells exhibiting elevated constituent concentrations above WQCC standards are sampled, with the exclusion of those wells containing measurable PSH thicknesses. A listing of BTEX constituent concentrations for 2014 are summarized in Table 2 and the historic PAH constituent concentrations are summarized in Table 3. Copies of the laboratory reports generated for 2014 are provided on the enclosed data disk. 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 analytical results indicate BTEX constituent concentrations were below laboratory method detection limit (MDL) and the NMOCD regulatory guidelines of 0.01 mg/L for benzene, 0.75 mg/L for toluene, 0.75 mg/L for ethylbenzene, and 0.62 mg/L for xylene, for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines since the installation of the monitor well in the 3rd 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 a quarterly schedule. Analytical results indicate the benzene concentration ranged from 0.0104 mg/L during the 4th quarter to 0.140 mg/L during the 2nd quarter of 2014. Benzene concentrations were above NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations were below laboratory MDL and the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from <0.00100 mg/L during the 3rd quarter to 0.00260 mg/L during the 2nd quarter of 2014. Ethylbenzene concentrations were below NMOCD regulatory

guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from <0.150 mg/L during the 1st quarter to 0.0241 mg/L during the 2nd quarter of 2014. Xylene concentrations were below NMOCD regulatory guidelines during all four (4) quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated all PAH constituent concentrations were below the laboratory MDL and WQCC Drinking Water Standards.

Monitor well MW-3 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.396 mg/L during the 2nd quarter to 0.890 mg/L during the 1st quarter of 2014. Benzene concentrations were above NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Toluene concentrations were below laboratory MDL and the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from <0.05 mg/L during the 1st, 3rd, and 4th quarters to 0.00310 mg/L during the 2nd quarter of 2014. Ethylbenzene concentrations were below NMOCD regulatory guidelines during the all four (4) quarters of the reporting period. Xylene concentrations ranged from <0.0500 mg/L during the 3rd and 4th quarters to 0.0101 mg/L during the 2nd quarter of 2014. Xylene concentrations were below NMOCD regulatory guidelines during all four (4) quarters of the reporting period. PAH analysis was not required on samples from MW-3 during the 4th quarter sampling event.

Monitor well MW-4 is sampled on a quarterly schedule. Analytical results indicate benzene concentrations ranged from 0.882 mg/L during the 3rd quarter to 2.46 mg/L during the 4th quarter of 2014. Benzene concentrations were above NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene and ethylbenzene concentrations were below the MDL and NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.133 mg/L during the 4th quarter to 0.229 mg/L during the 1st quarter of 2014. Xylene concentrations were below NMOCD regulatory guidelines during all four (4) quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for naphthalene (0.0631 mg/L), 1-methylnaphthalene (0.308 mg/L), 2-methylnaphthalene (0.0979 mg/L).

Monitor well MW-5 is sampled/monitored on a quarterly schedule. Monitor well MW-5 was not sampled during the 2nd and 3rd quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 0.03 feet and 0.01 feet were reported during the 2nd and 3rd quarters of 2014, respectively. Monitor well MW-5 was sampled during the 1st and 4th quarters of the reporting period. Analytical results indicate benzene concentrations ranged from 0.496 mg/L during the 4th quarter to 1.29 mg/L during the 1st quarter of 2014. Benzene concentrations were above NMOCD regulatory guidelines during the 1st and 4th quarters of the reporting period. Toluene concentrations were below the MDLs and NMOCD regulatory guidelines during the 1st and 4th quarters of the reporting period. Ethylbenzene concentrations ranged from 0.225 mg/L during the 4th quarter to 0.452 mg/L during the 1st quarter of 2014. Ethylbenzene was below NMOCD regulatory guidelines during the 1st and 4th quarters of the reporting period. Xylene concentrations ranged from <0.150 mg/L during the 1st quarter to 0.0805 mg/L during the 4th quarter during 2014. Xylene concentrations were below NMOCD regulatory guidelines during the 1st and 4th quarters of the reporting period. PAH analysis during the 4th quarter sampling

event indicated elevated concentrations above WQCC Drinking Water Standards for naphthalene (0.0358 mg/L), 1-methylnaphthalene (0.0616 mg/L), and 2-methylnaphthalene (0.0266 mg/L).

Monitor well MW-6 is sampled/monitored on a quarterly schedule. Monitor well MW-6 was not sampled during the 2nd, 3rd, and 4th quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 0.07 feet, 0.15 feet, and 0.21 feet were reported during the 2nd, 3rd, and 4th quarters of 2014, respectively. Monitor well MW-6 was sampled during the 1st quarter of the reporting period. Analytical results indicate benzene concentrations 0.0768 mg/L during the 1st quarter of 2014. Benzene concentrations were above NMOCD regulatory guidelines during the 1st quarter of the reporting period. Toluene, ethylbenzene, and xylene concentrations were below the MDLs and NMOCD regulatory guidelines during the 1st quarter of the reporting period. PAH analysis was not conducted during the 4th quarter sampling event due to the presence of PSH.

Monitor well MW-7 is sampled on a quarterly schedule. Monitor well MW-7 was not sampled during the 1st, 2nd, 3rd, and 4th quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 1.34 feet, 0.57 feet, 0.65 feet, and 1.97 feet were reported during the 1st, 2nd, 3rd, and 4th quarters of 2014, respectively. PAH analysis was not conducted during the 4th quarter sampling event due to the presence of PSH.

Monitor well MW-8 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory guidelines for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines since the installation of the monitor well in the 2nd quarter of 2002. PAH analysis was not required on samples from MW-8 during the 4th quarter sampling event.

Monitor well MW-9 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory guidelines for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines since the installation of the monitor well in the 2nd quarter of 2002. PAH analysis was not required on samples from MW-9 during the 4th quarter sampling event.

Monitor well MW-10 is sampled/monitored on a quarterly schedule. Monitor well MW-10 was not sampled during the 2nd and 3rd quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 0.09 feet and 0.03 feet were reported during the 2nd and 3rd quarters of 2014, respectively. Monitor well MW-10 was sampled during the 1st and 4th quarters of the reporting period. Analytical results indicate benzene concentrations ranged from 0.201 mg/L during the 1st quarter to 0.223 mg/L during the 4th quarter of 2014. Benzene concentrations were above NMOCD regulatory guidelines during the 1st and 4th quarters of the reporting period. Toluene, ethylbenzene, and xylene concentrations were below the MDLs and NMOCD regulatory guidelines during the 1st and 4th quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for 1-methylnaphthalene (0.175 mg/L).

Monitor well MW-11 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below MDL and NMOCD regulatory guidelines for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines since the installation of the monitor well in the 2nd quarter of 2002. PAH analysis was not required on samples from MW-11 during the 4th quarter sampling event.

Monitor well MW-12 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below MDL and NMOCD regulatory guidelines for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines since the installation of the monitor well in the 2nd quarter of 2002. PAH analysis was not required on samples from MW-12 during the 4th quarter sampling event.

Monitor well MW-14 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory guidelines for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines since the installation of the monitor well in the 2nd quarter of 2002. PAH analysis was not required on samples from MW-14 during the 4th quarter sampling event.

Monitor well MW-15 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory guidelines for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines since the installation of the monitor well in the 2nd quarter of 2002. PAH analysis was not required on samples from MW-15 during the 4th quarter sampling event.

Monitor well MW-16 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory guidelines for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines since the installation of the monitor well in the 2nd quarter of 2002. PAH analysis was not required on samples from MW-16 during the 4th quarter sampling event.

Monitor well MW-17 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 1.77 mg/L during the 2nd and 3rd quarters to 2.47 mg/L during the 4th quarter of 2014. Benzene concentrations were above NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations were below MDL and NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.542 mg/L during the 2nd quarter to 1.410 mg/L during the 4th quarter of 2014. Ethylbenzene concentrations were above NMOCD regulatory guidelines during the 1st and 4th quarters of the reporting period. Xylene concentrations ranged from 0.190 mg/L during the 1st quarter to 0.302 mg/L during the 4th quarter of 2014. Xylene concentrations were below NMOCD regulatory guidelines during all four (4) quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC

Drinking Water Standards for naphthalene (0.117 mg/L), 1-methylnaphthalene (0.149 mg/L), and 2-methylnaphthalene (0.0518 mg/L).

Monitor well MW-18 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 1.36 mg/L during the 3rd quarter to 2.96 mg/L during the 4th quarter of 2014. Benzene concentrations were above NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.644 mg/L during the 3rd quarter to 2.24 mg/L during the 4th quarter of 2014. Ethylbenzene concentrations were above NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Xylene concentrations ranged from 0.0672 mg/L during the 3rd quarter to 0.219 mg/L during the 4th quarter of 2014. Xylene concentrations were below NMOCD regulatory guidelines during the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for naphthalene (0.11 mg/L), 1-methylnaphthalene (0.126 mg/L), and 2-methylnaphthalene (0.0458 mg/L).

Monitor well MW-20 is sampled on a semi-annual schedule. The analytical results indicate benzene concentrations ranged from <0.0100 mg/L in the 4th quarter to 0.00810 mg/L in the 2nd quarter. Benzene concentrations were below NMOCD regulatory guidelines during the 2nd and 4th quarters of the reporting period. Toluene and xylene concentrations were below the MDL and NMOCD regulatory guidelines for each during the 2nd and 4th quarter sampling events. Ethylbenzene concentrations ranged from <0.0100 mg/L during the 4th quarter to 0.00470 mg/L during the 2nd quarter of 2014. Ethylbenzene concentrations were below NMOCD regulatory guidelines during the reporting period. PAH analysis was not required on samples from MW-20 during the 4th quarter sampling event.

Monitor well MW-21 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory guidelines for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines since the installation of the monitor well in the 2nd quarter of 2002. PAH analysis was not required on samples from MW-21 during the 4th quarter sampling event.

Monitor well MW-22 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory guidelines for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines since the installation of the monitor well in the 2nd quarter of 2002. PAH analysis was not required on samples from MW-22 during the 4th quarter sampling event.

Monitor well MW-23 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.00460 mg/L during the 4th quarter to 0.546 mg/L during the 3rd quarter of 2014. Benzene concentrations were above NMOCD regulatory guidelines during the 1st, 2nd, and 3rd quarters of the reporting period. Toluene, ethylbenzene, and xylene concentrations were below the MDL and NMOCD regulatory guidelines during all four (4)

quarters of the reporting period. PAH analysis was not required on samples from MW-23 during the 4th quarter sampling event.

Monitor well MW-24 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 3.95 mg/L during the 2nd quarter to 4.69 mg/L during the 3rd quarter of 2014. Benzene concentrations were above NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations were below MDL and NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.480 mg/L during the 2nd quarter to 0.801 mg/L during the 4th quarter of 2014. Ethylbenzene concentrations were above NMOCD regulatory guidelines during the 3rd and 4th quarters of the reporting period. Xylene concentrations ranged from <0.150 mg/L during the 1st and 2nd quarters to 0.198 mg/L during the 3rd quarter of 2014. Xylene concentrations were below NMOCD regulatory guidelines during all four (4) quarters of the reporting period. PAH analysis was not required on samples from MW-24 during the 4th quarter sampling event.

Monitor well MW-25 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.0653 mg/L during the 4th quarter to 0.457 mg/L during the 2nd quarter of 2014. Benzene concentrations were above NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene, ethylbenzene, and xylene concentrations were below MDLs and NMOCD regulatory guidelines during all four (4) quarters of the reporting period. PAH analysis was not required on samples from MW-25 during the 4th quarter sampling event.

Monitor well MW-26 is sampled on a semi-annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory guidelines for each BTEX constituent during the 2nd and 4th quarter sampling events. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 3rd quarter of 2009. 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 analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory guidelines for each BTEX constituent during the 2nd and 4th quarter sampling events. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines since the installation of the monitor well in 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 analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory guidelines for each BTEX constituent during the 4th quarter of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 1st quarter of 2006. PAH analysis was not required on samples from MW-28 during the 4th quarter sampling event.

Monitor well MW-30 is sampled on a semi-annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory guidelines for each BTEX constituent during the 2nd and 4th quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines since the installation of the monitor well in the 2nd quarter of 2002. PAH analysis was not required on samples from MW-30 during the 4th quarter sampling event.

Recovery well RW-1 is sampled/monitored on a quarterly schedule. Recovery well RW-1 was not sampled during the 3rd quarter of the reporting period, due to the presence of PSH in the monitor well. A PSH thicknesses of 0.01 feet was reported during the 3rd quarter of 2014. Recovery well MW-1 was sampled during the 1st, 2nd, and 4th quarters of the reporting period. Analytical results indicate benzene concentrations ranged from 0.280 mg/L during the 4th quarter to 1.24 mg/L during the 1st quarter of 2014. Benzene concentrations were above NMOCD regulatory guidelines during the 1st, 2nd, and 4th quarters of the reporting period. Toluene, concentrations were below the MDLs and NMOCD regulatory guidelines during the 1st, 2nd, and 4th quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0640 mg/L during the 2nd quarter to 0.272 mg/L during the 1st quarter of 2014. Ethylbenzene concentrations were below NMOCD regulatory guidelines during the 1st, 2nd, and 3rd quarters of the reporting period. Xylene concentrations ranged from <0.150 mg/L during the 2nd quarter to 0.189 mg/L during the 1st quarter of 2014. Xylene concentrations were below NMOCD regulatory guidelines during all four (4) quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for naphthalene (0.061 mg/L), 1-methylnaphthalene (0.145mg/L), and 2-methylnaphthalene (0.393 mg/L).

Recovery well RW-2 is sampled/monitored on a quarterly schedule. Recovery well RW-2 was not sampled during the 2nd and 3rd quarters of the reporting period, due to the presence of PSH in the recovery well. PSH thicknesses of 0.16 feet and 0.09 feet were reported during the 2nd and 3rd quarters of 2014, respectively. Recovery well RW-2 was sampled during the 1st and 4th quarters of the reporting period. Analytical results indicate benzene concentrations ranged from 0.113 mg/L during the 4th quarter to 0.856 mg/L during the 1st quarter of 2014. Benzene concentrations were above NMOCD regulatory guidelines during the 1st and 4th quarters of the reporting period. Toluene concentrations were below the MDLs and NMOCD regulatory guidelines during the 1st and 4th quarters of the reporting period. Ethylbenzene concentrations ranged from 0.106 mg/L during the 4th quarter to 0.319 mg/L during the 1st quarter of 2014. Ethylbenzene was below NMOCD regulatory guidelines during the 1st and 4th quarters of the reporting period. Xylene concentrations were below the MDLs and NMOCD regulatory guidelines during the 1st and 4th quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for naphthalene (0.0308 mg/L), 1-methylnaphthalene (0.237 mg/L), and 2-methylnaphthalene (0.0858 mg/L).

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

SUMMARY

This report presents the results of monitoring activities for the 2014 annual monitoring period. Currently, there are twenty-seven (27) groundwater monitor wells (MW-1 through MW-30, excluding MW-13, MW-19, and MW-29 which have been plugged and abandoned) and two (2) PSH recovery wells (RW-1 and RW-2) on-site. Manual over-pumping of wells exhibiting elevated hydrocarbon concentrations occurs on a weekly schedule. Groundwater elevation contours generated from water level measurements acquired indicated a general gradient of 0.004 feet/foot to the southeast.

A measurable thickness of PSH was detected in monitor wells MW-5, MW-6, MW-7, and MW-10 and recovery wells RW-1 and RW-2 during the 2014 annual reporting period. A maximum PSH thickness of 1.97 feet was recorded on November 6, 2014 in monitor well MW-7 and is shown on Table 1. The average thickness of PSH in monitor and recovery wells exhibiting PSH was 0.20 feet during the reporting period. Approximately 61.9 gallons (1.47 barrels) of PSH was recovered from the site during the 2014 reporting period. A total of approximately 1,278.9 gallons (30.45 barrels) of PSH has been recovered since project inception.

Review of the laboratory analytical results indicates fourteen (14) monitor wells exhibited BTEX constituent concentrations below the NMOCD regulatory guidelines during the reporting period. Analytical results of groundwater samples collected indicate PAH concentrations appear to be decreasing in the sampled monitor and recovery wells.

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

ANTICIPATED ACTIONS

Quarterly monitoring and groundwater sampling will continue in 2015. Manual over pumping will occur weekly and will be adjusted according to site conditions. An Annual Monitoring Report will be submitted to the NMOCD before April 1, 2016.

Plains will submit a *Proposed Enhanced Sparging System Work Plan* to the NMOCD in the 2nd quarter of 2015.

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

LIMITATIONS

TRC has prepared this 2014 Annual Monitoring Report to the best of its ability. No other warranty, expressed or implied, is made or intended.

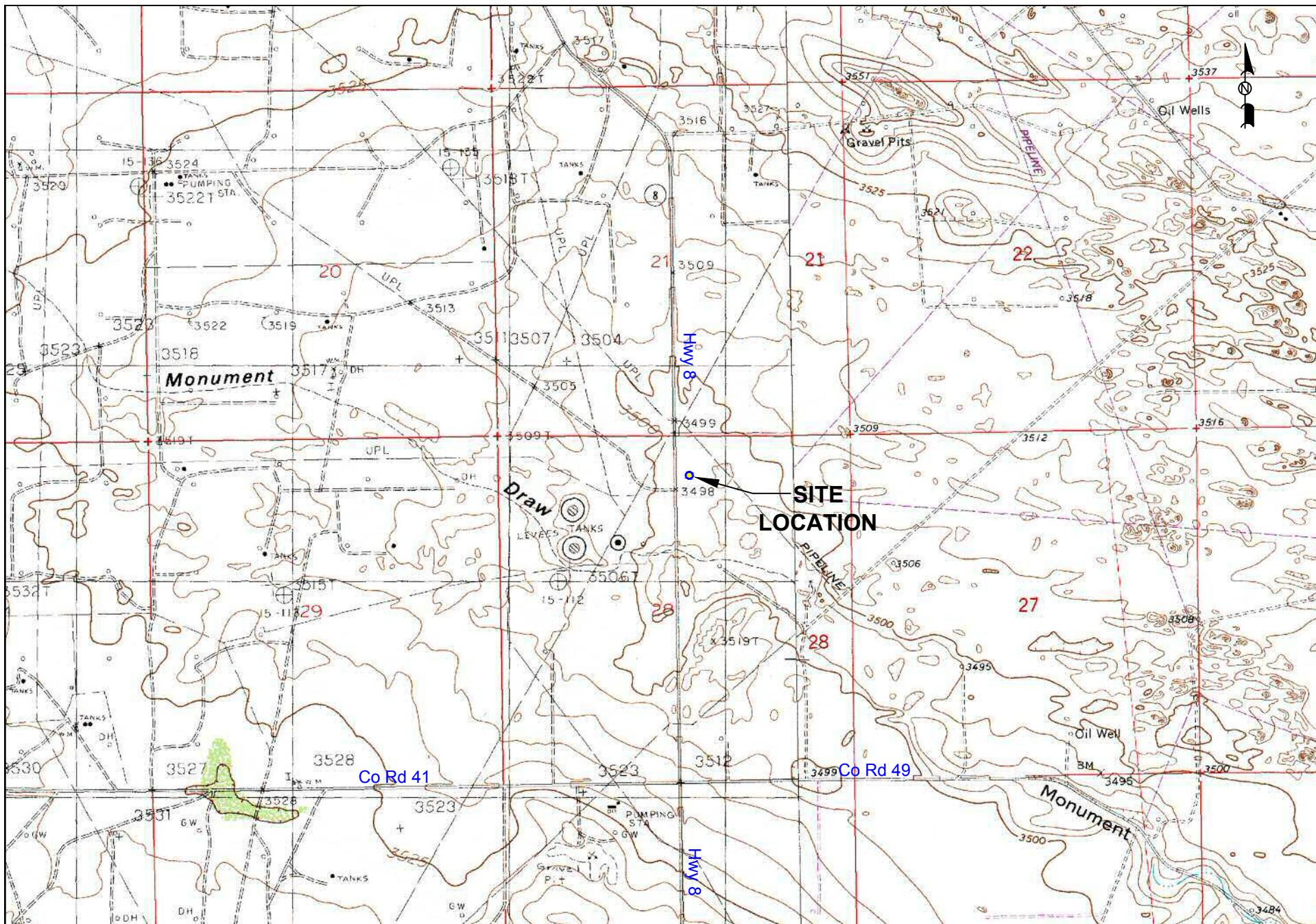
TRC has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. TRC has not conducted an independent examination of the facts contained in referenced materials and statements. We have presumed the genuineness of the documents and that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

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

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Oil Conservation Division, District 1
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Suite 1600
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jpdann@paalp.com
- Copy 5: TRC Solutions, Inc.
2057 Commerce Street
Midland, TX 79703
cdstanley@trcsolutions.com

Figures



Legend:

Mapped edited and Published by the Geological Survey
Control by USGS & USC & GS
Map Re-edited by Nova Safety and Environmental on April 18, 2013
for the purpose of Site Location Maps.

Fine red dashed lines indicate selected fence lines.
This map Complies with National Map Accuracy Standards

2000 1000 0 1000 2000

Distance in Feet

Figure 1
Site Location Map
Plains Marketing, L.P.
TNM 97-18
Lea County, NM

NMOCD Reference #AP-13

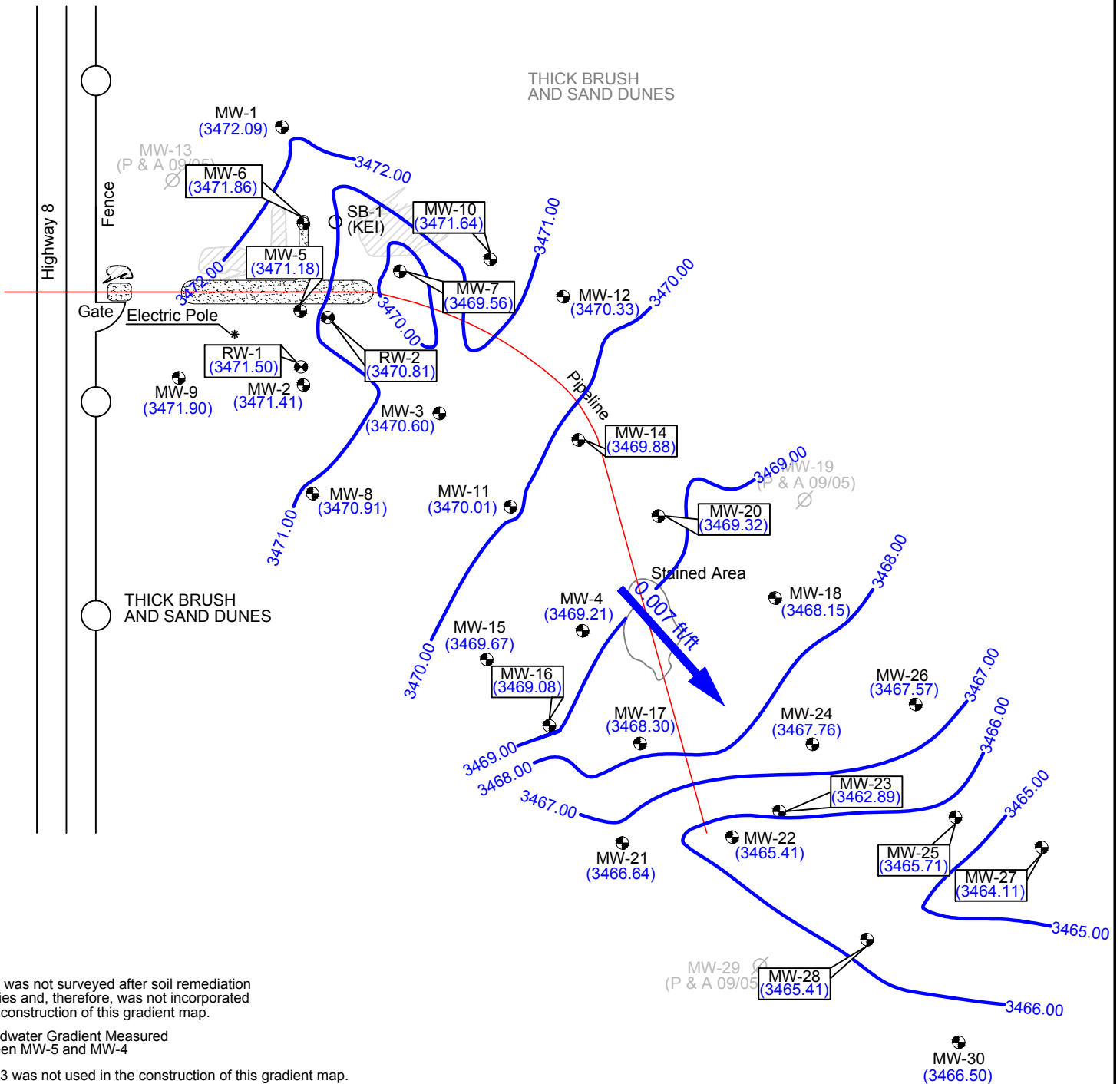


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April 17, 2013 Scale: 1" = 2000' CAD By: CAS Checked By:

Lat. N 32° 32' 56.97" Long. W 103° 15' 22.47"



NOTE:

MW-7 was not surveyed after soil remediation activities and, therefore, was not incorporated in the construction of this gradient map.

Groundwater Gradient Measured Between MW-5 and MW-4

MW-23 was not used in the construction of this gradient map.

CI = 1.0'

100 50 0 50 100

Distance in Feet

LEGEND:

- Monitor Well
- Recovery Well
- Soil Boring
- Geoprobe Location
- Groundwater Elevation in Feet
- Groundwater Contour Line
- Well Plugged and Abandoned
- Stockpile Soil
- Excavated Area

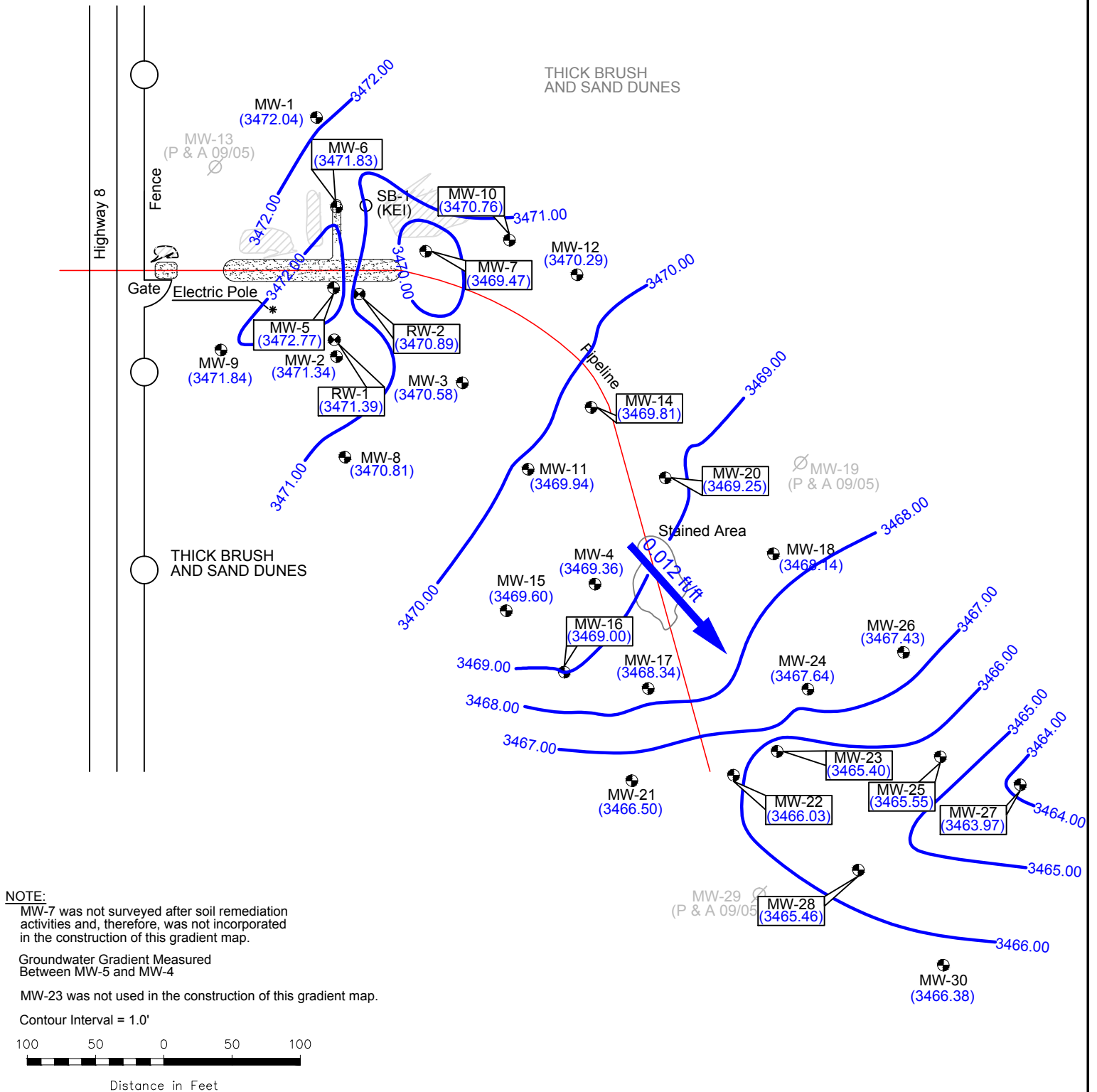
Figure 2A
Inferred Groundwater
Gradient Map
(2/10/2014)
Plains Marketing, L.P.
TNM 97-18
Lea County, NM
NMOCD Reference # AP-0013

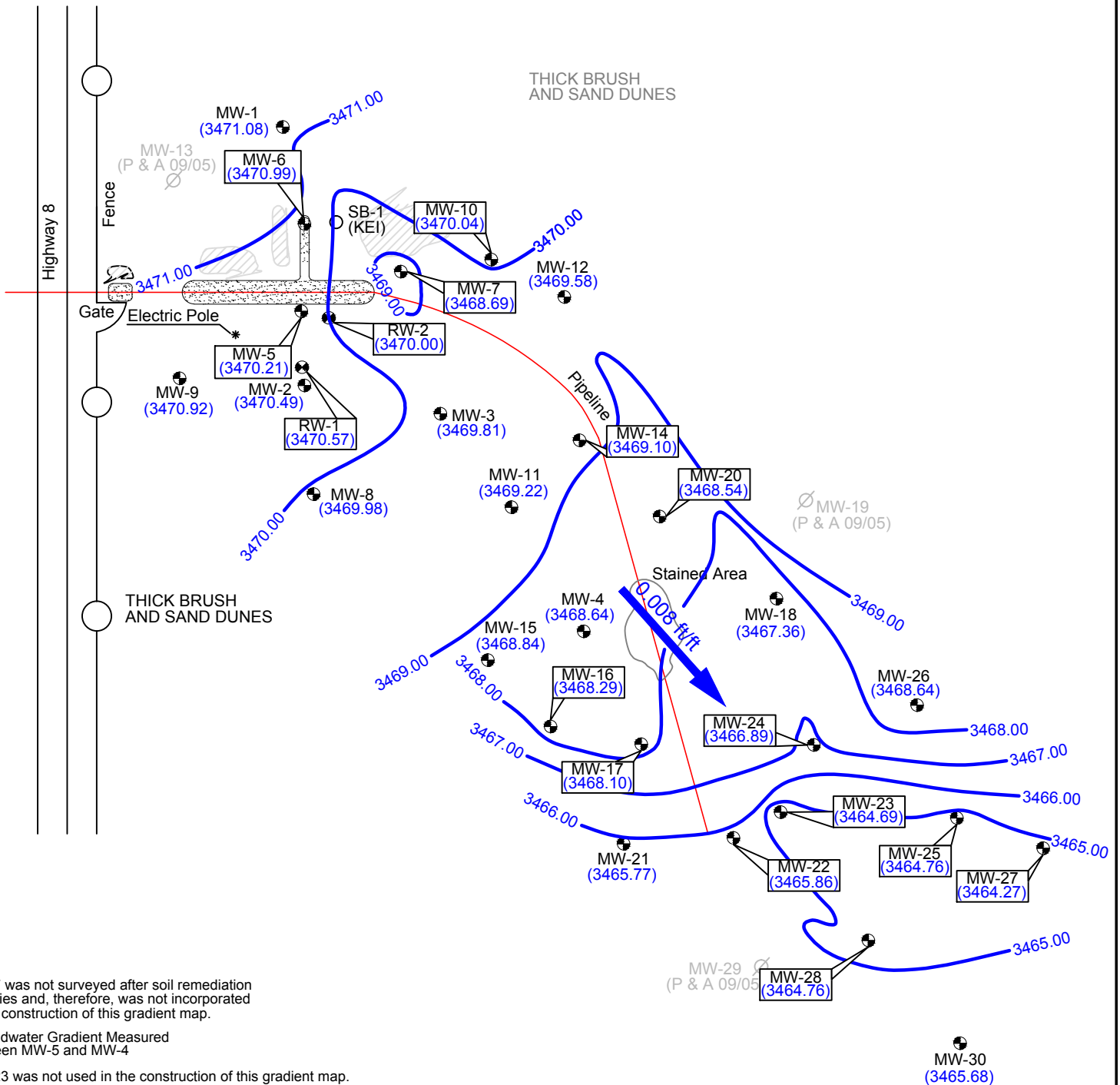
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April 14, 2014 Scale: 1" = 100' CAD By: TA Checked By: CS

Lat. N 32° 32' 56.97" Long. W 103° 15' 22.47"





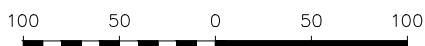
NOTE:

MW-7 was not surveyed after soil remediation activities and, therefore, was not incorporated in the construction of this gradient map.

Groundwater Gradient Measured Between MW-5 and MW-4

MW-23 was not used in the construction of this gradient map.

Contour Interval = 1.0'



Distance in Feet

LEGEND:

- Monitor Well
- Recovery Well
- Soil Boring
- Geoprobe Location
- Groundwater Elevation in Feet
- Groundwater Contour Line
- Well Plugged and Abandoned
- Stockpile Soil
- Excavated Area

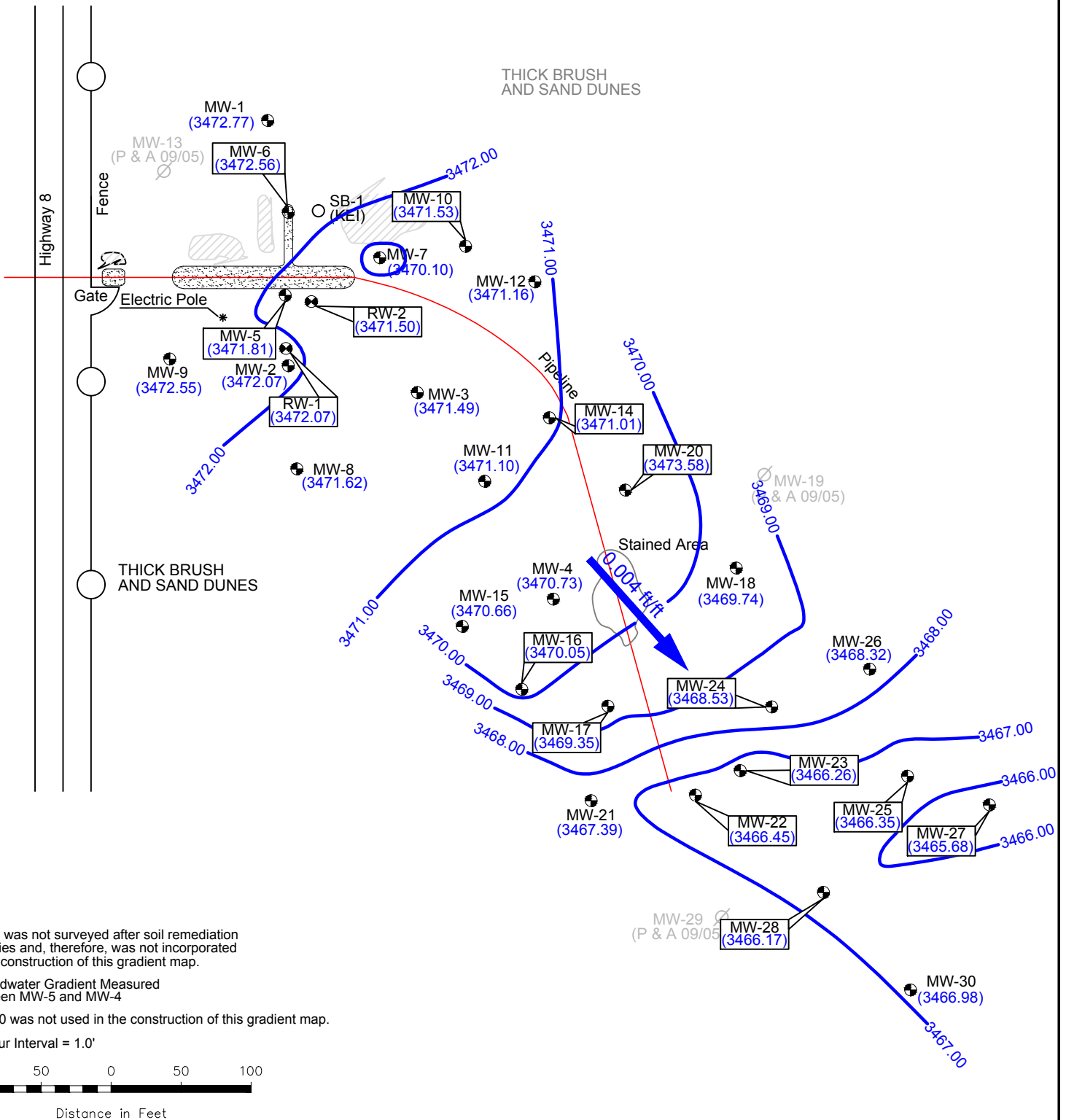
Figure 2C
Inferred Groundwater
Gradient Map
(8/13/2014)
Plains Marketing, L.P.
TNM 97-18
Lea County, NM
NMOCD Reference # AP-0013

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September 4, 2014 Scale: 1" = 100' CAD By: TA Checked By: CS

Lat. N 32° 32' 56.97" Long. W 103° 15' 22.47"



NOTE:

MW-7 was not surveyed after soil remediation activities and, therefore, was not incorporated in the construction of this gradient map.

Groundwater Gradient Measured Between MW-5 and MW-4

MW-20 was not used in the construction of this gradient map.

Contour Interval = 1.0'



LEGEND:

- Monitor Well
- Recovery Well
- Soil Boring
- Geoprobe Location
- Groundwater Elevation in Feet
- Groundwater Contour Line
- Well Plugged and Abandoned
- Stockpile Soil
- Excavated Area

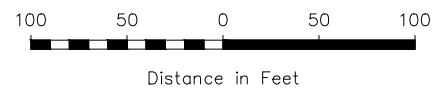
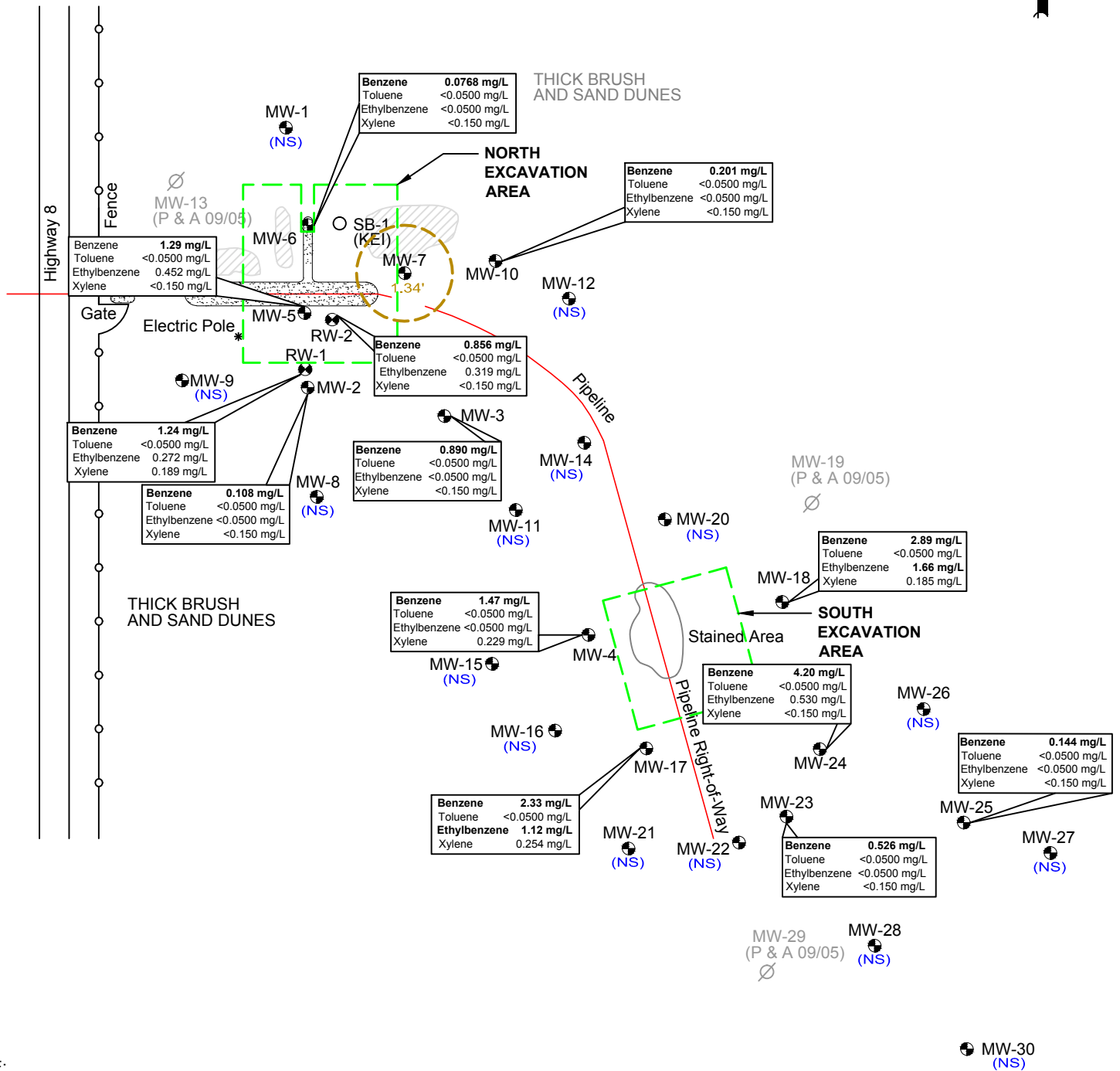
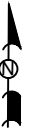
Figure 2D
Inferred Groundwater
Gradient Map
(11/5/2014 - 11/6/2014)
Plains Marketing, L.P.
TNM 97-18
Lea County, NM
NMOCD Reference # AP-0013

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November 21, 2014 Scale: 1" = 100' CAD By: TA Checked By: CS

Lat. N 32° 32' 56.97" Long. W 103° 15' 22.47"



LEGEND:

● Monitor Well

⊗ Recovery Well

○ Soil Boring

● Geoprobe Location

⊘ Well Plugged and Abandoned

<0.001 Constituent Concentration (mg/L)

Stockpile Soil

Excavated Area

(NS) Not Sampled

Inferred PSH Extent

0.18' Thickness of PSH (feet)

Figure 3A
Groundwater Concentration and Inferred PSH Extent Map
(2/10/2014)
Plains Marketing, L.P.
TNM 97-18
Lea County, NM
NMOCD Reference # AP-0013

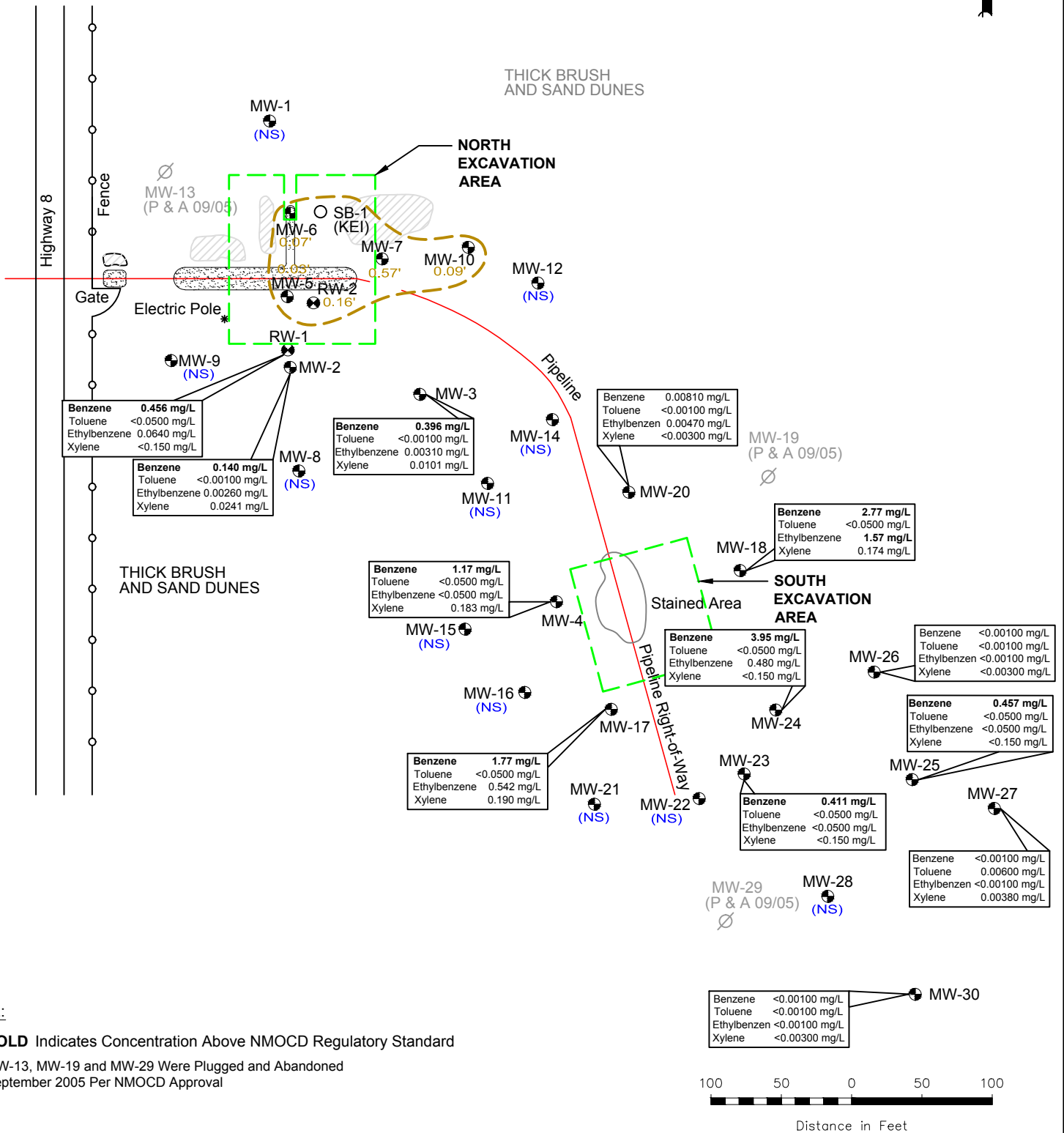
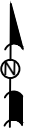


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April 14, 2014 | Scale: 1" = 100' | CAD By: TA | Checked By: CS

Lat. N 32° 32' 56.97" Long. W 103° 15' 22.47"



NOTE:

- **BOLD** Indicates Concentration Above NMOCD Regulatory Standard
- MW-13, MW-19 and MW-29 Were Plugged and Abandoned September 2005 Per NMOCD Approval

LEGEND:

● Monitor Well

⊗ Recovery Well

○ Soil Boring

● Geoprobe Location

⊗ Well Plugged and Abandoned

<0.001 Constituent Concentration (mg/L)

Stockpile Soil

Excavated Area

(NS) Not Sampled

Inferred PSH Extent

Thickness of PSH (feet)

Figure 3B
Groundwater Concentration
and Inferred PSH Extent Map
(5/22/2014)
Plains Marketing, L.P.
TNM 97-18
Lea County, NM
NMOCD Reference # AP-0013

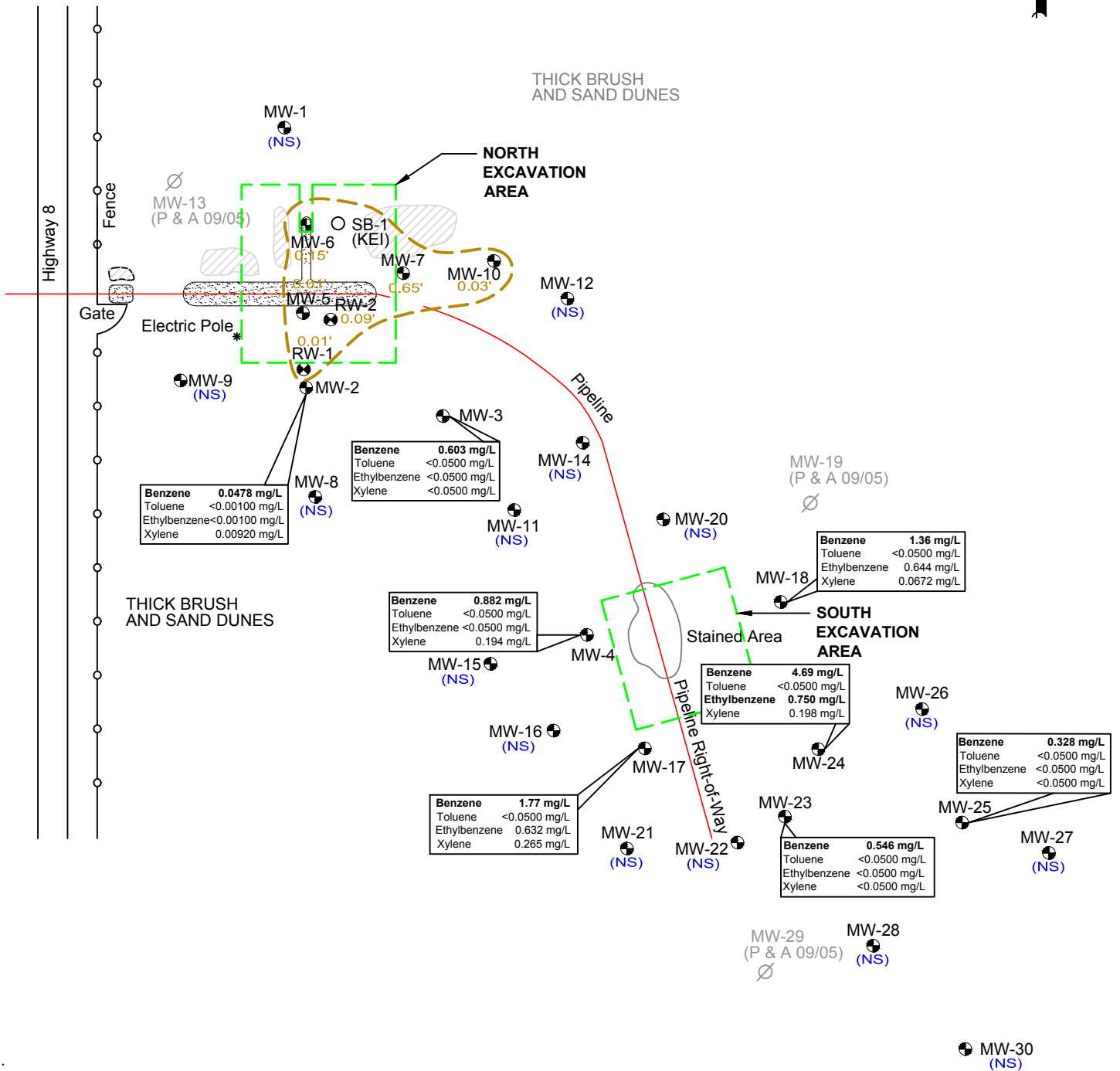
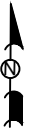


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July 1, 2014 Scale: 1" = 100' CAD By: TA Checked By: CS

Lat. N 32° 32' 56.97" Long. W 103° 15' 22.47"



NOTE:

- **BOLD** Indicates Concentration Above NMOCD Regulatory Standard
- MW-13, MW-19 and MW-29 Were Plugged and Abandoned September 2005 Per NMOCD Approval



LEGEND:		<0.001 Constituent Concentration (mg/L)
●	Monitor Well	
⊗	Recovery Well	
○	Soil Boring	
●	Geoprobe Location	
⊗	Well Plugged and Abandoned	
		Stockpile Soil
		Excavated Area
		(NS) Not Sampled
		Inferred PSH Extent
		0.18' Thickness of PSH (feet)

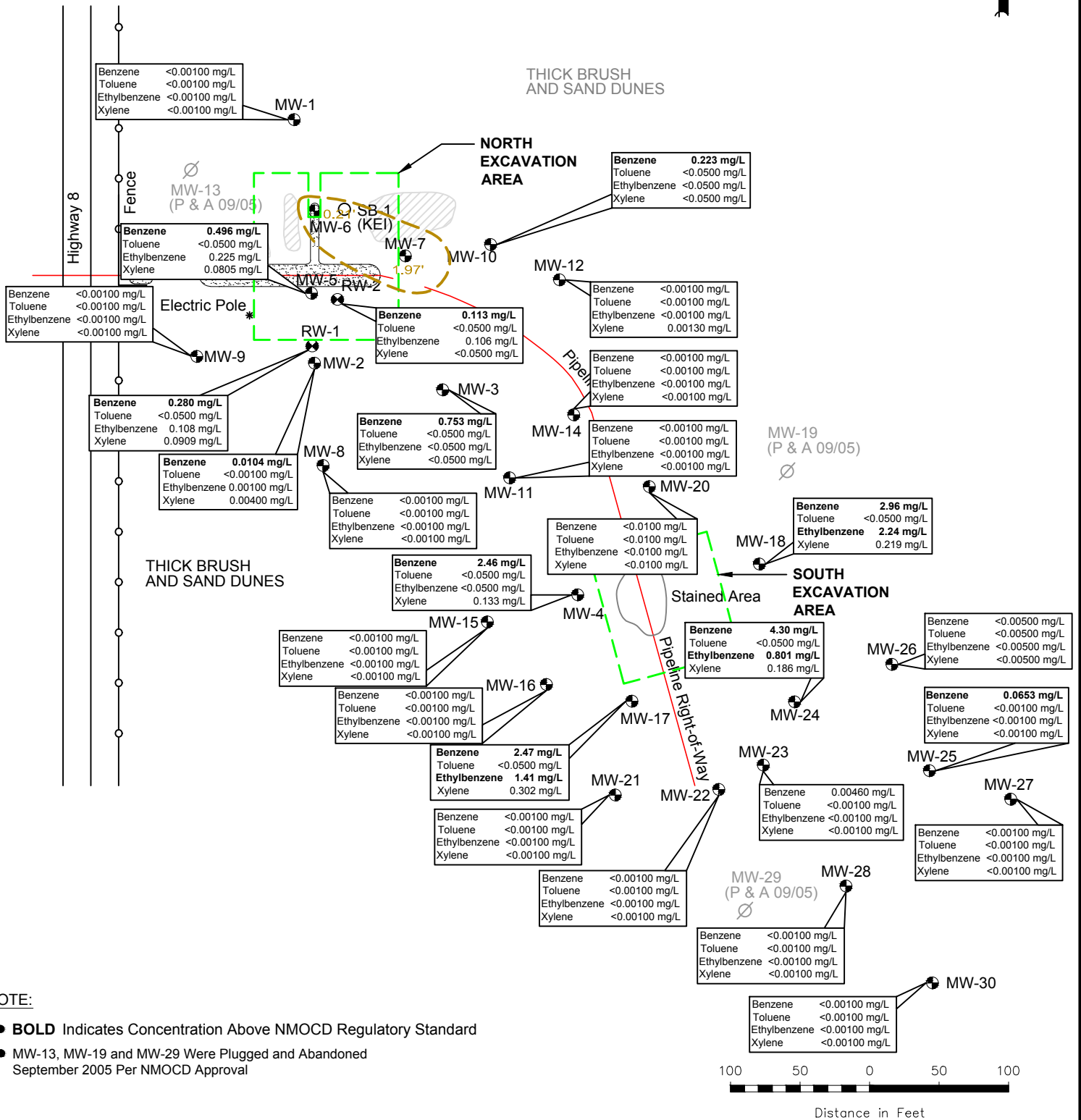
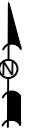
Figure 3C
Groundwater Concentration
and Inferred PSH Extent Map
(8/13/2014)
Plains Marketing, L.P.
TNM 97-18
Lea County, NM
NMOCD Reference # AP-0013



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September 4, 2014	Scale: 1" = 100'	CAD By: TA	Checked By: CS
Lat. N 32° 32' 56.97" Long. W 103° 15' 22.47"			



Tables

TABLE 1

2014 GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 1	02/10/14	3500.17	-	28.08	0.00	3472.09
MW - 1	04/14/14	3500.17	-	28.07	0.00	3472.10
MW - 1	05/22/14	3500.17	-	28.13	0.00	3472.04
MW - 1	07/22/14	3500.17	-	28.93	0.00	3471.24
MW - 1	08/13/14	3500.17	-	29.09	0.00	3471.08
MW - 1	10/27/14	3500.17	-	27.39	0.00	3472.78
MW - 1	11/05/14	3500.17	-	27.40	0.00	3472.77
MW - 2	01/02/14	3499.19	-	27.85	0.00	3471.34
MW - 2	01/07/14	3499.19	-	27.76	0.00	3471.43
MW - 2	01/14/14	3499.19	-	27.89	0.00	3471.30
MW - 2	01/21/14	3499.19	-	27.77	0.00	3471.42
MW - 2	01/31/14	3499.19	-	27.76	0.00	3471.43
MW - 2	02/10/14	3499.19	-	27.78	0.00	3471.41
MW - 2	02/27/14	3499.19	-	27.64	0.00	3471.55
MW - 2	03/06/14	3499.19	-	28.68	0.00	3470.51
MW - 2	03/13/14	3499.19	-	27.78	0.00	3471.41
MW - 2	03/25/14	3499.19	-	27.81	0.00	3471.38
MW - 2	04/03/14	3499.19	-	27.70	0.00	3471.49
MW - 2	04/07/14	3499.19	-	27.73	0.00	3471.46
MW - 2	04/14/14	3499.19	-	27.89	0.00	3471.30
MW - 2	04/23/14	3499.19	-	27.64	0.00	3471.55
MW - 2	04/28/14	3499.19	-	27.74	0.00	3471.45
MW - 2	05/05/14	3499.19	-	27.68	0.00	3471.51
MW - 2	05/14/14	3499.19	-	27.80	0.00	3471.39
MW - 2	05/22/14	3499.19	-	27.85	0.00	3471.34
MW - 2	05/28/14	3499.19	-	27.92	0.00	3471.27
MW - 2	06/02/14	3499.19	-	28.05	0.00	3471.14
MW - 2	06/12/14	3499.19	-	28.29	0.00	3470.90
MW - 2	06/17/14	3499.19	-	28.33	0.00	3470.86
MW - 2	06/25/14	3499.19	-	28.41	0.00	3470.78
MW - 2	06/30/14	3499.19	-	28.42	0.00	3470.77
MW - 2	07/11/14	3499.19	-	28.67	0.00	3470.52
MW - 2	07/14/14	3499.19	-	28.54	0.00	3470.65
MW - 2	07/22/14	3499.19	-	28.63	0.00	3470.56
MW - 2	07/23/14	3499.19	-	28.63	0.00	3470.56
MW - 2	08/05/14	3499.19	-	28.66	0.00	3470.53
MW - 2	08/12/14	3499.19	-	28.78	0.00	3470.41
MW - 2	08/13/14	3499.19	-	28.70	0.00	3470.49
MW - 2	08/27/14	3499.19	-	28.85	0.00	3470.34
MW - 2	09/17/14	3499.19	-	28.50	0.00	3470.69
MW - 2	09/23/14	3499.19	-	28.04	0.00	3471.15
MW - 2	10/10/14	3499.19	-	27.35	0.00	3471.84
MW - 2	10/15/14	3499.19	-	27.23	0.00	3471.96
MW - 2	10/20/14	3499.19	-	27.30	0.00	3471.89
MW - 2	10/27/14	3499.19	-	27.04	0.00	3472.15

TABLE 1

2014 GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	11/04/14	3499.19	-	27.18	0.00	3472.01
MW - 2	11/06/14	3499.19	-	27.12	0.00	3472.07
MW - 2	11/11/14	3499.19	-	27.01	0.00	3472.18
MW - 2	11/18/14	3499.19	-	26.80	0.00	3472.39
MW - 2	12/02/14	3499.19	-	26.79	0.00	3472.40
MW - 2	12/09/14	3499.19	-	26.74	0.00	3472.45
MW - 2	12/17/14	3499.19	-	26.69	0.00	3472.50
MW - 2	12/23/14	3499.19	-	26.78	0.00	3472.41
MW - 2	12/30/14	3499.19	-	26.86	0.00	3472.41
MW - 3	01/02/14	3500.05	-	29.52	0.00	3470.53
MW - 3	01/07/14	3500.05	-	29.43	0.00	3470.62
MW - 3	01/14/14	3500.05	-	29.55	0.00	3470.50
MW - 3	01/21/14	3500.05	-	29.47	0.00	3470.58
MW - 3	01/31/14	3500.05	-	29.43	0.00	3470.62
MW - 3	02/10/14	3500.05	-	29.45	0.00	3470.60
MW - 3	02/27/14	3500.05	-	29.37	0.00	3470.68
MW - 3	03/06/14	3500.05	-	29.36	0.00	3470.69
MW - 3	03/13/14	3500.05	-	29.40	0.00	3470.65
MW - 3	03/25/14	3500.05	-	29.41	0.00	3470.64
MW - 3	04/03/14	3500.05	-	29.31	0.00	3470.74
MW - 3	04/07/14	3500.05	-	29.37	0.00	3470.68
MW - 3	04/14/14	3500.05	-	29.51	0.00	3470.54
MW - 3	04/23/14	3500.05	-	29.25	0.00	3470.80
MW - 3	04/28/14	3500.05	-	29.36	0.00	3470.69
MW - 3	05/05/14	3500.05	-	29.30	0.00	3470.75
MW - 3	05/14/14	3500.05	-	29.44	0.00	3470.61
MW - 3	05/22/14	3500.05	-	29.47	0.00	3470.58
MW - 3	05/28/14	3500.05	-	29.54	0.00	3470.51
MW - 3	06/02/14	3500.05	-	29.62	0.00	3470.43
MW - 3	06/12/14	3500.05	-	29.88	0.00	3470.17
MW - 3	06/17/14	3500.05	-	29.90	0.00	3470.15
MW - 3	06/25/14	3500.05	-	29.99	0.00	3470.06
MW - 3	06/30/14	3500.05	-	29.95	0.00	3470.10
MW - 3	07/11/14	3500.05	-	30.10	0.00	3469.95
MW - 3	07/14/14	3500.05	-	30.06	0.00	3469.99
MW - 3	07/22/14	3500.05	-	30.10	0.00	3469.95
MW - 3	07/23/14	3500.05	-	30.10	0.00	3469.95
MW - 3	08/05/14	3500.05	-	30.19	0.00	3469.86
MW - 3	08/12/14	3500.05	-	30.29	0.00	3469.76
MW - 3	08/13/14	3500.05	-	30.24	0.00	3469.81
MW - 3	08/27/14	3500.05	-	30.35	0.00	3469.70
MW - 3	09/17/14	3500.05	-	29.99	0.00	3470.06
MW - 3	09/23/14	3500.05	-	29.22	0.00	3470.83
MW - 3	10/10/14	3500.05	-	28.55	0.00	3471.50
MW - 3	10/15/14	3500.05	-	28.51	0.00	3471.54

TABLE 1

2014 GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	10/20/14	3500.05	-	28.49	0.00	3471.56
MW - 3	10/27/14	3500.05	-	28.42	0.00	3471.63
MW - 3	11/04/14	3500.05	-	28.61	0.00	3471.44
MW - 3	11/06/14	3500.05	-	28.56	0.00	3471.49
MW - 3	11/11/14	3500.05	-	28.44	0.00	3471.61
MW - 3	11/18/14	3500.05	-	28.34	0.00	3471.71
MW - 3	12/02/14	3500.05	-	28.24	0.00	3471.81
MW - 3	12/09/14	3500.05	-	28.27	0.00	3471.78
MW - 3	12/17/14	3500.05	-	28.18	0.00	3471.87
MW - 3	12/23/14	3500.05	-	28.34	0.00	3471.71
MW - 3	12/30/14	3500.05	-	28.43	0.00	3471.62
MW - 4	01/02/14	3498.38	-	29.20	0.00	3469.18
MW - 4	01/07/14	3498.38	-	29.05	0.00	3469.33
MW - 4	01/14/14	3498.38	-	29.16	0.00	3469.22
MW - 4	01/21/14	3498.38	-	29.08	0.00	3469.30
MW - 4	01/31/14	3498.38	-	29.10	0.00	3469.28
MW - 4	02/10/14	3498.38	-	29.17	0.00	3469.21
MW - 4	02/27/14	3498.38	-	29.05	0.00	3469.33
MW - 4	03/06/14	3498.38	-	29.05	0.00	3469.33
MW - 4	03/13/14	3498.38	-	29.07	0.00	3469.31
MW - 4	03/25/14	3498.38	-	29.09	0.00	3469.29
MW - 4	04/03/14	3498.38	-	28.99	0.00	3469.39
MW - 4	04/07/14	3498.38	-	29.12	0.00	3469.26
MW - 4	04/14/14	3498.38	-	29.25	0.00	3469.13
MW - 4	04/23/14	3498.38	-	28.92	0.00	3469.46
MW - 4	05/05/14	3498.38	-	29.01	0.00	3469.37
MW - 4	05/14/14	3498.38	-	29.02	0.00	3469.36
MW - 4	05/22/14	3498.38	-	29.02	0.00	3469.36
MW - 4	05/28/14	3498.38	-	29.07	0.00	3469.31
MW - 4	06/02/14	3498.38	-	29.16	0.00	3469.22
MW - 4	06/12/14	3498.38	-	29.40	0.00	3468.98
MW - 4	06/17/14	3498.38	-	29.39	0.00	3468.99
MW - 4	06/25/14	3498.38	-	29.47	0.00	3468.91
MW - 4	06/30/14	3498.38	-	29.46	0.00	3468.92
MW - 4	07/11/14	3498.38	-	29.56	0.00	3468.82
MW - 4	07/14/14	3498.38	-	29.50	0.00	3468.88
MW - 4	07/22/14	3498.38	-	29.60	0.00	3468.78
MW - 4	07/23/14	3498.38	-	29.60	0.00	3468.78
MW - 4	08/05/14	3498.38	-	29.64	0.00	3468.74
MW - 4	08/12/14	3498.38	-	29.73	0.00	3468.65
MW - 4	08/13/14	3498.38	-	29.74	0.00	3468.64
MW - 4	08/27/14	3498.38	-	29.84	0.00	3468.54
MW - 4	09/17/14	3498.38	-	27.54	0.00	3470.84
MW - 4	10/10/14	3498.38	-	26.55	0.00	3471.83
MW - 4	10/15/14	3498.38	-	26.80	0.00	3471.58

TABLE 1

2014 GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	10/20/14	3498.38	-	27.04	0.00	3471.34
MW - 4	10/27/14	3498.38	-	27.28	0.00	3471.10
MW - 4	11/04/14	3498.38	-	28.72	0.00	3469.66
MW - 4	11/06/14	3498.38	-	27.65	0.00	3470.73
MW - 4	11/11/14	3498.38	-	27.12	0.00	3471.26
MW - 4	11/18/14	3498.38	-	27.06	0.00	3471.32
MW - 4	12/02/14	3498.38	-	27.38	0.00	3471.00
MW - 4	12/09/14	3498.38	-	27.50	0.00	3470.88
MW - 4	12/17/14	3498.38	-	27.49	0.00	3470.89
MW - 4	12/23/14	3498.38	-	27.70	0.00	3470.68
MW - 4	12/30/14	3498.38	-	27.80	0.00	3470.58
MW - 5	01/02/14	3500.12	-	29.04	0.00	3471.08
MW - 5	01/07/14	3500.12	-	28.92	0.00	3471.20
MW - 5	01/14/14	3500.12	-	29.09	0.00	3471.03
MW - 5	01/21/14	3500.12	-	28.99	0.00	3471.13
MW - 5	01/31/14	3500.12	-	28.95	0.00	3471.17
MW - 5	02/10/14	3500.12	-	28.94	0.00	3471.18
MW - 5	02/27/14	3500.12	-	28.81	0.00	3471.31
MW - 5	03/06/14	3500.12	-	28.87	0.00	3471.25
MW - 5	03/13/14	3500.12	-	28.91	0.00	3471.21
MW - 5	03/25/14	3500.12	-	28.93	0.00	3471.19
MW - 5	04/03/14	3500.12	-	28.84	0.00	3471.28
MW - 5	04/07/14	3500.12	-	28.97	0.00	3471.15
MW - 5	04/14/14	3500.12	-	29.11	0.00	3471.01
MW - 5	04/23/14	3500.12	-	28.86	0.00	3471.26
MW - 5	04/28/14	3500.12	-	29.34	0.00	3470.78
MW - 5	05/05/14	3500.12	-	28.99	0.00	3471.13
MW - 5	05/14/14	3500.12	28.95	29.00	0.05	3471.16
MW - 5	05/22/14	3500.12	27.35	27.38	0.03	3472.77
MW - 5	05/28/14	3500.12	29.30	29.55	0.25	3470.78
MW - 5	06/02/14	3500.12	29.17	29.34	0.17	3470.92
MW - 5	06/12/14	3500.12	29.44	29.72	0.28	3470.64
MW - 5	06/17/14	3500.12	29.46	29.68	0.22	3470.63
MW - 5	06/25/14	3500.12	29.55	29.75	0.20	3470.54
MW - 5	06/30/14	3500.12	-	29.78	0.00	3470.34
MW - 5	07/11/14	3500.12	-	29.78	0.00	3470.34
MW - 5	07/14/14	3500.12	-	29.73	0.00	3470.39
MW - 5	07/22/14	3500.12	-	29.95	0.00	3470.17
MW - 5	07/23/14	3500.12	-	29.95	0.00	3470.17
MW - 5	08/05/14	3500.12	-	29.99	0.00	3470.13
MW - 5	08/12/14	3500.12	-	30.03	0.00	3470.09
MW - 5	08/13/14	3500.12	29.91	29.92	0.01	3470.21
MW - 5	08/27/14	3500.12	30.03	30.06	0.03	3470.09
MW - 5	09/17/14	3500.12	-	29.57	0.00	3470.55
MW - 5	09/23/14	3500.12	-	29.24	0.00	3470.88

TABLE 1

2014 GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	10/10/14	3500.12	-	28.64	0.00	3471.48
MW - 5	10/15/14	3500.12	-	28.50	0.00	3471.62
MW - 5	10/20/14	3500.12	-	28.46	0.00	3471.66
MW - 5	10/27/14	3500.12	-	28.32	0.00	3471.80
MW - 5	11/04/14	3500.12	-	28.42	0.00	3471.70
MW - 5	11/06/14	3500.12	-	28.31	0.00	3471.81
MW - 5	11/11/14	3500.12	-	28.32	0.00	3471.80
MW - 5	11/18/14	3500.12	-	28.27	0.00	3471.85
MW - 5	12/02/14	3500.12	-	28.01	0.00	3472.11
MW - 5	12/09/14	3500.12	-	27.96	0.00	3472.16
MW - 5	12/17/14	3500.12	-	28.31	0.00	3471.81
MW - 5	12/23/14	3500.12	-	27.92	0.00	3472.20
MW - 5	12/30/14	3500.12	-	28.17	0.00	3471.95
MW - 6	01/02/14	3499.82	-	28.00	0.00	3471.82
MW - 6	01/07/14	3499.82	-	27.94	0.00	3471.88
MW - 6	01/14/14	3499.82	-	28.04	0.00	3471.78
MW - 6	01/21/14	3499.82	-	27.92	0.00	3471.90
MW - 6	01/31/14	3499.82	-	27.91	0.00	3471.91
MW - 6	02/10/14	3499.82	-	27.96	0.00	3471.86
MW - 6	02/27/14	3499.82	-	27.85	0.00	3471.97
MW - 6	03/06/14	3499.82	-	27.85	0.00	3471.97
MW - 6	03/13/14	3499.82	-	27.90	0.00	3471.92
MW - 6	03/25/14	3499.82	-	27.90	0.00	3471.92
MW - 6	04/03/14	3499.82	-	27.81	0.00	3472.01
MW - 6	04/07/14	3499.82	-	27.87	0.00	3471.95
MW - 6	04/14/14	3499.82	-	27.95	0.00	3471.87
MW - 6	04/23/14	3499.82	-	27.77	0.00	3472.05
MW - 6	04/28/14	3499.82	27.86	27.88	0.02	3471.96
MW - 6	05/05/14	3499.82	27.83	27.92	0.09	3471.98
MW - 6	05/14/14	3499.82	27.90	28.15	0.25	3471.88
MW - 6	05/22/14	3499.82	27.98	28.05	0.07	3471.83
MW - 6	05/28/14	3499.82	28.03	28.29	0.26	3471.75
MW - 6	06/02/14	3499.82	28.14	28.39	0.25	3471.64
MW - 6	06/12/14	3499.82	28.41	28.72	0.31	3471.36
MW - 6	06/17/14	3499.82	28.44	28.55	0.11	3471.36
MW - 6	06/25/14	3499.82	28.51	28.63	0.12	3471.29
MW - 6	06/30/14	3499.82	-	28.61	0.00	3471.21
MW - 6	07/11/14	3499.82	-	28.68	0.00	3471.14
MW - 6	07/14/14	3499.82	-	28.67	0.00	3471.15
MW - 6	07/22/14	3499.82	-	28.78	0.00	3471.04
MW - 6	07/23/14	3499.82	-	28.78	0.00	3471.04
MW - 6	08/05/14	3499.82	-	28.86	0.00	3470.96
MW - 6	08/12/14	3499.82	28.91	28.99	0.08	3470.90
MW - 6	08/13/14	3499.82	28.81	28.96	0.15	3470.99
MW - 6	08/27/14	3499.82	29.05	29.07	0.02	3470.77

TABLE 1

2014 GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	09/17/14	3499.82	28.53	28.75	0.22	3471.26
MW - 6	09/23/14	3499.82	28.17	29.03	0.86	3471.52
MW - 6	10/10/14	3499.82	27.51	27.63	0.12	3472.29
MW - 6	10/15/14	3499.82	27.41	27.64	0.23	3472.38
MW - 6	10/16/14	3499.82	28.09	28.37	0.28	3471.69
MW - 6	10/20/14	3499.82	-	27.63	0.00	3472.19
MW - 6	10/24/14	3499.82	27.35	27.64	0.29	3472.43
MW - 6	10/27/14	3499.82	27.29	27.45	0.16	3472.51
MW - 6	10/28/14	3499.82	-	-	-	-
MW - 6	11/04/14	3499.82	27.28	27.55	0.27	3472.50
MW - 6	11/06/14	3499.82	27.23	27.44	0.21	3472.56
MW - 6	11/11/14	3499.82	27.02	27.31	0.29	3472.76
MW - 6	11/18/14	3499.82	26.91	27.14	0.23	3472.88
MW - 6	12/02/14	3499.82	26.99	27.04	0.05	3472.82
MW - 6	12/09/14	3499.82	26.90	27.05	0.15	3472.90
MW - 6	12/11/14	3499.82	26.91	26.96	0.05	3472.90
MW - 6	12/17/14	3499.82	26.82	26.87	0.05	3472.99
MW - 6	12/23/14	3499.82	26.91	27.13	0.22	3472.88
MW - 6	12/30/14	3499.82	26.98	27.18	0.20	3472.81
MW - 7	01/02/14	3498.33	28.68	29.76	1.08	3469.49
MW - 7	01/07/14	3498.33	28.56	29.75	1.19	3469.59
MW - 7	01/14/14	3498.33	28.68	29.89	1.21	3469.47
MW - 7	01/21/14	3498.33	28.58	29.87	1.29	3469.56
MW - 7	01/31/14	3498.33	28.50	29.99	1.49	3469.61
MW - 7	02/10/14	3498.33	28.57	29.91	1.34	3469.56
MW - 7	02/27/14	3498.33	28.39	30.01	1.62	3469.70
MW - 7	03/06/14	3498.33	28.47	30.09	1.62	3469.62
MW - 7	03/13/14	3498.33	28.54	30.20	1.66	3469.54
MW - 7	03/25/14	3498.33	28.57	30.36	1.79	3469.49
MW - 7	04/03/14	3498.33	28.45	30.15	1.70	3469.63
MW - 7	04/07/14	3498.33	28.56	28.58	0.02	3469.77
MW - 7	04/14/14	3498.33	28.71	29.71	1.00	3469.47
MW - 7	04/23/14	3498.33	28.45	29.45	1.00	3469.73
MW - 7	04/28/14	3498.33	28.65	30.02	1.37	3469.47
MW - 7	05/05/14	3498.33	28.59	29.23	0.64	3469.64
MW - 7	05/14/14	3498.33	28.72	29.32	0.60	3469.52
MW - 7	05/22/14	3498.33	28.77	29.34	0.57	3469.47
MW - 7	05/28/14	3498.33	28.77	29.47	0.70	3469.46
MW - 7	06/02/14	3498.33	28.87	29.42	0.55	3469.38
MW - 7	06/12/14	3498.33	29.16	29.80	0.64	3469.07
MW - 7	06/17/14	3498.33	29.17	29.57	0.40	3469.10
MW - 7	06/25/14	3498.33	29.25	29.80	0.55	3469.00
MW - 7	06/30/14	3498.33	29.25	29.65	0.40	3469.02
MW - 7	07/11/14	3498.33	29.34	30.20	0.86	3468.86
MW - 7	07/14/14	3498.33	29.33	29.86	0.53	3468.92

TABLE 1

2014 GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	07/22/14	3498.33	29.40	29.82	0.42	3468.87
MW - 7	07/23/14	3498.33	29.40	29.82	0.42	3468.87
MW - 7	08/05/14	3498.33	29.47	30.20	0.73	3468.75
MW - 7	08/12/14	3498.33	29.55	30.33	0.78	3468.66
MW - 7	08/13/14	3498.33	29.54	30.19	0.65	3468.69
MW - 7	08/27/14	3498.33	29.68	30.62	0.94	3468.51
MW - 7	09/17/14	3498.33	29.20	30.10	0.90	3469.00
MW - 7	09/23/14	3498.33	28.87	29.43	0.56	3469.38
MW - 7	10/10/14	3498.33	28.23	28.52	0.29	3470.06
MW - 7	10/15/14	3498.33	28.13	28.41	0.28	3470.16
MW - 7	10/16/14	3498.33	27.39	27.67	0.28	3470.90
MW - 7	10/24/14	3498.33	28.04	28.63	0.59	3470.20
MW - 7	10/27/14	3498.33	27.88	28.44	0.56	3470.37
MW - 7	11/04/14	3498.33	27.97	29.02	1.05	3470.20
MW - 7	11/06/14	3498.33	27.93	29.90	1.97	3470.10
MW - 7	11/11/14	3498.33	27.94	28.79	0.85	3470.26
MW - 7	11/18/14	3498.33	27.90	28.67	0.77	3470.31
MW - 7	12/02/14	3498.33	27.60	28.86	1.26	3470.54
MW - 7	12/09/14	3498.33	27.58	28.64	1.06	3470.59
MW - 7	12/11/14	3498.33	27.59	28.43	0.84	3470.61
MW - 7	12/17/14	3498.33	27.49	28.31	0.82	3470.72
MW - 7	12/23/14	3498.33	27.71	28.38	0.67	3470.52
MW - 7	12/30/14	3498.33	27.78	28.45	0.67	3470.45
MW - 8	02/10/14	3502.23	-	31.32	0.00	3470.91
MW - 8	05/22/14	3502.23	-	31.42	0.00	3470.81
MW - 8	07/22/14	3502.23	-	32.10	0.00	3470.13
MW - 8	08/13/14	3502.23	-	32.25	0.00	3469.98
MW - 8	10/27/14	3502.23	-	30.48	0.00	3471.75
MW - 8	11/06/14	3502.23	-	30.61	0.00	3471.62
MW - 9	02/10/14	3502.24	-	30.34	0.00	3471.90
MW - 9	05/22/14	3502.24	-	30.40	0.00	3471.84
MW - 9	07/22/14	3502.24	-	31.18	0.00	3471.06
MW - 9	08/13/14	3502.24	-	31.32	0.00	3470.92
MW - 9	10/27/14	3502.24	-	29.62	0.00	3472.62
MW - 9	11/06/14	3502.24	-	29.69	0.00	3472.55
MW - 10	01/02/14	3499.42	-	28.92	0.00	3470.50
MW - 10	01/07/14	3499.42	-	28.68	0.00	3470.74
MW - 10	01/14/14	3499.42	-	28.83	0.00	3470.59
MW - 10	01/21/14	3499.42	-	28.55	0.00	3470.87
MW - 10	01/31/14	3499.42	-	28.66	0.00	3470.76
MW - 10	02/10/14	3499.42	-	27.78	0.00	3471.64
MW - 10	02/27/14	3499.42	-	28.70	0.00	3470.72
MW - 10	03/06/14	3499.42	-	28.52	0.00	3470.90

TABLE 1

2014 GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	03/13/14	3499.42	-	28.57	0.00	3470.85
MW - 10	03/25/14	3499.42	28.60	28.63	0.03	3470.82
MW - 10	04/03/14	3499.42	28.47	28.54	0.07	3470.94
MW - 10	04/07/14	3499.42	28.59	29.64	1.05	3470.67
MW - 10	04/14/14	3499.42	28.64	28.72	0.08	3470.77
MW - 10	04/23/14	3499.42	28.42	28.47	0.05	3470.99
MW - 10	04/28/14	3499.42	28.55	28.70	0.15	3470.85
MW - 10	05/05/14	3499.42	28.49	28.76	0.27	3470.89
MW - 10	05/14/14	3499.42	28.65	28.94	0.29	3470.73
MW - 10	05/22/14	3499.42	28.65	28.74	0.09	3470.76
MW - 10	05/28/14	3499.42	28.70	29.07	0.37	3470.66
MW - 10	06/02/14	3499.42	-	28.78	0.00	3470.64
MW - 10	06/12/14	3499.42	29.01	29.16	0.15	3470.39
MW - 10	06/17/14	3499.42	29.04	29.15	0.11	3470.36
MW - 10	06/25/14	3499.42	29.09	29.24	0.15	3470.31
MW - 10	06/30/14	3499.42	29.08	29.19	0.11	3470.32
MW - 10	07/11/14	3499.42	29.22	29.40	0.18	3470.17
MW - 10	07/14/14	3499.42	29.18	29.23	0.05	3470.23
MW - 10	07/22/14	3499.42	29.36	30.07	0.71	3469.95
MW - 10	07/23/14	3499.42	29.36	30.07	0.71	3469.95
MW - 10	08/05/14	3499.42	29.32	29.37	0.05	3470.09
MW - 10	08/12/14	3499.42	29.43	29.60	0.17	3469.96
MW - 10	08/13/14	3499.42	29.38	29.41	0.03	3470.04
MW - 10	08/27/14	3499.42	29.46	29.58	0.12	3469.94
MW - 10	09/17/14	3499.42	-	29.11	0.00	3470.31
MW - 10	09/23/14	3499.42	-	28.74	0.00	3470.68
MW - 10	10/10/14	3499.42	-	28.03	0.00	3471.39
MW - 10	10/15/14	3499.42	-	27.93	0.00	3471.49
MW - 10	10/27/14	3499.42	-	27.77	0.00	3471.65
MW - 10	11/04/14	3499.42	-	27.91	0.00	3471.51
MW - 10	11/06/14	3499.42	-	27.89	0.00	3471.53
MW - 10	11/11/14	3499.42	-	27.79	0.00	3471.63
MW - 10	11/18/14	3499.42	-	27.66	0.00	3471.76
MW - 10	12/02/14	3499.42	27.59	27.83	0.24	3471.79
MW - 10	12/09/14	3499.42	27.74	27.79	0.05	3471.67
MW - 10	12/11/14	3499.42	27.54	27.63	0.09	3471.87
MW - 10	12/17/14	3499.42	27.46	27.58	0.12	3471.94
MW - 10	12/23/14	3499.42	27.63	27.74	0.11	3471.77
MW - 10	12/30/14	3499.42	27.72	27.80	0.08	3471.69
MW - 11	02/10/14	3498.18	-	28.17	0.00	3470.01
MW - 11	05/22/14	3498.18	-	28.24	0.00	3469.94
MW - 11	07/22/14	3498.18	-	28.82	0.00	3469.36
MW - 11	08/13/14	3498.18	-	28.96	0.00	3469.22
MW - 11	10/27/14	3498.18	-	26.81	0.00	3471.37
MW - 11	11/05/14	3498.18	-	27.08	0.00	3471.10

TABLE 1

2014 GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 12	02/10/14	3499.66	-	29.33	0.00	3470.33
MW - 12	04/14/14	3499.66	-	29.40	0.00	3470.26
MW - 12	05/22/14	3499.66	-	29.37	0.00	3470.29
MW - 12	07/22/14	3499.66	-	29.96	0.00	3469.70
MW - 12	08/13/14	3499.66	-	30.08	0.00	3469.58
MW - 12	10/27/14	3499.66	-	28.45	0.00	3471.21
MW - 12	11/05/14	3499.66	-	28.50	0.00	3471.16
MW - 14	02/10/14	3498.54	-	28.66	0.00	3469.88
MW - 14	05/22/14	3498.54	-	28.73	0.00	3469.81
MW - 14	07/22/14	3498.54	-	29.31	0.00	3469.23
MW - 14	08/13/14	3498.54	-	29.44	0.00	3469.10
MW - 14	10/27/14	3498.54	-	27.27	0.00	3471.27
MW - 14	11/05/14	3498.54	-	27.53	0.00	3471.01
MW - 14	11/18/14	3498.54	-	27.06	0.00	3471.48
MW - 15	02/10/14	3500.65	-	30.98	0.00	3469.67
MW - 15	05/22/14	3500.65	-	31.05	0.00	3469.60
MW - 15	07/22/14	3500.65	-	31.72	0.00	3468.93
MW - 15	08/13/14	3500.65	-	31.81	0.00	3468.84
MW - 15	10/27/14	3500.65	-	29.82	0.00	3470.83
MW - 15	11/05/14	3500.65	-	29.99	0.00	3470.66
MW - 16	02/10/14	3501.45	-	32.37	0.00	3469.08
MW - 16	05/22/14	3501.45	-	32.45	0.00	3469.00
MW - 16	07/22/14	3501.45	-	33.04	0.00	3468.41
MW - 16	08/13/14	3501.45	-	33.16	0.00	3468.29
MW - 16	10/27/14	3501.45	-	31.26	0.00	3470.19
MW - 16	11/05/14	3501.45	-	31.40	0.00	3470.05
MW - 17	01/02/14	3498.32	-	30.08	0.00	3468.24
MW - 17	01/07/14	3498.32	-	29.98	0.00	3468.34
MW - 17	01/14/14	3498.32	-	30.10	0.00	3468.22
MW - 17	01/21/14	3498.32	-	29.95	0.00	3468.37
MW - 17	01/31/14	3498.32	-	29.94	0.00	3468.38
MW - 17	02/10/14	3498.32	-	30.02	0.00	3468.30
MW - 17	02/27/14	3498.32	-	29.89	0.00	3468.43
MW - 17	03/06/14	3498.32	-	29.93	0.00	3468.39
MW - 17	03/13/14	3498.32	-	30.00	0.00	3468.32
MW - 17	03/25/14	3498.32	-	29.98	0.00	3468.34
MW - 17	04/03/14	3498.32	-	29.88	0.00	3468.44
MW - 17	04/07/14	3498.32	-	29.98	0.00	3468.34
MW - 17	04/14/14	3498.32	-	30.12	0.00	3468.20
MW - 17	04/23/14	3498.32	-	29.97	0.00	3468.35
MW - 17	04/28/14	3498.32	-	30.01	0.00	3468.31
MW - 17	05/05/14	3498.32	-	30.06	0.00	3468.26

TABLE 1

2014 GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 17	05/14/14	3498.32	-	29.90	0.00	3468.42
MW - 17	05/22/14	3498.32	-	29.98	0.00	3468.34
MW - 17	05/28/14	3498.32	-	30.06	0.00	3468.26
MW - 17	06/02/14	3498.32	-	30.11	0.00	3468.21
MW - 17	06/12/14	3498.32	-	30.35	0.00	3467.97
MW - 17	06/17/14	3498.32	-	30.36	0.00	3467.96
MW - 17	06/25/14	3498.32	-	30.44	0.00	3467.88
MW - 17	06/30/14	3498.32	-	30.41	0.00	3467.91
MW - 17	07/11/14	3498.32	-	30.48	0.00	3467.84
MW - 17	07/14/14	3498.32	-	30.51	0.00	3467.81
MW - 17	07/22/14	3498.32	-	30.57	0.00	3467.75
MW - 17	07/23/14	3498.32	-	30.57	0.00	3467.75
MW - 17	08/05/14	3498.32	-	30.60	0.00	3467.72
MW - 17	08/12/14	3498.32	-	30.72	0.00	3467.60
MW - 17	08/13/14	3498.32	-	30.22	0.00	3468.10
MW - 17	08/27/14	3498.32	-	30.83	0.00	3467.49
MW - 17	09/17/14	3498.32	-	29.84	0.00	3468.48
MW - 17	09/23/14	3498.32	-	29.32	0.00	3469.00
MW - 17	10/10/14	3498.32	-	28.79	0.00	3469.53
MW - 17	10/15/14	3498.32	-	28.79	0.00	3469.53
MW - 17	10/20/14	3498.32	-	28.83	0.00	3469.49
MW - 17	10/27/14	3498.32	-	28.84	0.00	3469.48
MW - 17	11/04/14	3498.32	-	29.04	0.00	3469.28
MW - 17	11/06/14	3498.32	-	28.97	0.00	3469.35
MW - 17	11/11/14	3498.32	-	28.80	0.00	3469.52
MW - 17	11/18/14	3498.32	-	28.74	0.00	3469.58
MW - 17	12/02/14	3498.32	-	28.69	0.00	3469.63
MW - 17	12/09/14	3498.32	-	28.73	0.00	3469.59
MW - 17	12/17/14	3498.32	-	28.68	0.00	3469.64
MW - 17	12/23/14	3498.32	-	28.84	0.00	3469.48
MW - 17	12/30/14	3498.32	-	28.88	0.00	3469.44
MW - 18	01/02/14	3497.25	-	29.28	0.00	3467.97
MW - 18	01/07/14	3497.25	-	29.11	0.00	3468.14
MW - 18	01/14/14	3497.25	-	29.18	0.00	3468.07
MW - 18	01/21/14	3497.25	-	29.16	0.00	3468.09
MW - 18	01/31/14	3497.25	-	29.15	0.00	3468.10
MW - 18	02/10/14	3497.25	-	29.10	0.00	3468.15
MW - 18	02/27/14	3497.25	-	29.13	0.00	3468.12
MW - 18	03/06/14	3497.25	-	29.09	0.00	3468.16
MW - 18	03/13/14	3497.25	-	29.12	0.00	3468.13
MW - 18	03/25/14	3497.25	-	29.10	0.00	3468.15
MW - 18	04/03/14	3497.25	-	29.03	0.00	3468.22
MW - 18	04/07/14	3497.25	-	29.09	0.00	3468.16
MW - 18	04/14/14	3497.25	-	29.21	0.00	3468.04
MW - 18	04/23/14	3497.25	-	29.00	0.00	3468.25

TABLE 1

2014 GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 18	04/28/14	3497.25	-	29.01	0.00	3468.24
MW - 18	05/05/14	3497.25	-	28.95	0.00	3468.30
MW - 18	05/14/14	3497.25	-	29.08	0.00	3468.17
MW - 18	05/22/14	3497.25	-	29.11	0.00	3468.14
MW - 18	05/28/14	3497.25	-	29.18	0.00	3468.07
MW - 18	06/02/14	3497.25	-	29.26	0.00	3467.99
MW - 18	06/12/14	3497.25	-	29.48	0.00	3467.77
MW - 18	06/17/14	3497.25	-	29.49	0.00	3467.76
MW - 18	06/25/14	3497.25	-	29.58	0.00	3467.67
MW - 18	06/30/14	3497.25	-	29.55	0.00	3467.70
MW - 18	07/11/14	3497.25	-	29.62	0.00	3467.63
MW - 18	07/14/14	3497.25	-	29.63	0.00	3467.62
MW - 18	07/22/14	3497.25	-	29.74	0.00	3467.51
MW - 18	07/23/14	3497.25	-	29.74	0.00	3467.51
MW - 18	08/05/14	3497.25	-	29.81	0.00	3467.44
MW - 18	08/12/14	3497.25	-	29.97	0.00	3467.28
MW - 18	08/13/14	3497.25	-	29.89	0.00	3467.36
MW - 18	08/27/14	3497.25	-	29.98	0.00	3467.27
MW - 18	09/17/14	3497.25	-	27.53	0.00	3469.72
MW - 18	09/23/14	3497.25	-	26.75	0.00	3470.50
MW - 18	10/10/14	3497.25	-	26.73	0.00	3470.52
MW - 18	10/15/14	3497.25	-	27.01	0.00	3470.24
MW - 18	10/20/14	3497.25	-	27.29	0.00	3469.96
MW - 18	10/27/14	3497.25	-	27.52	0.00	3469.73
MW - 18	11/04/14	3497.25	-	27.85	0.00	3469.40
MW - 18	11/06/14	3497.25	-	27.51	0.00	3469.74
MW - 18	11/11/14	3497.25	-	27.10	0.00	3470.15
MW - 18	11/18/14	3497.25	-	27.04	0.00	3470.21
MW - 18	12/02/14	3497.25	-	27.60	0.00	3469.65
MW - 18	12/09/14	3497.25	-	27.71	0.00	3469.54
MW - 18	12/17/14	3497.25	-	27.72	0.00	3469.53
MW - 18	12/23/14	3497.25	-	27.88	0.00	3469.37
MW - 18	12/30/14	3497.25	-	27.94	0.00	3469.31
MW - 20	02/10/14	3496.59	-	27.27	0.00	3469.32
MW - 20	04/03/14	3496.59	-	27.19	0.00	3469.40
MW - 20	04/07/14	3496.59	-	27.26	0.00	3469.33
MW - 20	04/14/14	3496.59	-	27.37	0.00	3469.22
MW - 20	04/23/14	3496.59	-	27.17	0.00	3469.42
MW - 20	04/28/14	3496.59	-	27.25	0.00	3469.34
MW - 20	05/05/14	3496.59	-	27.23	0.00	3469.36
MW - 20	05/14/14	3496.59	-	27.34	0.00	3469.25
MW - 20	05/22/14	3496.59	-	27.34	0.00	3469.25
MW - 20	05/28/14	3496.59	-	27.40	0.00	3469.19
MW - 20	06/02/14	3496.59	-	27.47	0.00	3469.12
MW - 20	06/12/14	3496.59	-	27.69	0.00	3468.90
MW - 20	06/17/14	3496.59	-	27.70	0.00	3468.89
MW - 20	06/25/14	3496.59	-	27.79	0.00	3468.80

TABLE 1

2014 GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 20	06/30/14	3496.59	-	27.76	0.00	3468.83
MW - 20	07/11/14	3496.59	-	27.81	0.00	3468.78
MW - 20	07/14/14	3496.59	-	27.83	0.00	3468.76
MW - 20	07/22/14	3496.59	-	27.90	0.00	3468.69
MW - 20	07/23/14	3496.59	-	27.90	0.00	3468.69
MW - 20	08/05/14	3496.59	-	27.97	0.00	3468.62
MW - 20	08/12/14	3496.59	-	28.06	0.00	3468.53
MW - 20	08/13/14	3496.59	-	28.05	0.00	3468.54
MW - 20	08/27/14	3496.59	-	28.15	0.00	3468.44
MW - 20	09/17/14	3496.59	-	27.67	0.00	3468.92
MW - 20	09/23/14	3496.59	-	19.56	0.00	3477.03
MW - 20	10/10/14	3496.59	-	22.83	0.00	3473.76
MW - 20	10/15/14	3496.59	-	23.44	0.00	3473.15
MW - 20	10/20/14	3496.59	-	24.02	0.00	3472.57
MW - 20	10/27/14	3496.59	-	24.69	0.00	3471.90
MW - 20	11/04/14	3496.59	-	25.55	0.00	3471.04
MW - 20	11/06/14	3496.59	-	23.01	0.00	3473.58
MW - 20	11/11/14	3496.59	-	23.09	0.00	3473.50
MW - 20	11/18/14	3496.59	-	22.81	0.00	3473.78
MW - 20	12/02/14	3496.59	-	25.16	0.00	3471.43
MW - 20	12/09/14	3496.59	-	25.47	0.00	3471.12
MW - 20	12/17/14	3496.59	-	26.67	0.00	3469.92
MW - 20	12/23/14	3496.59	-	25.91	0.00	3470.68
MW - 20	12/30/14	3496.59	-	26.06	0.00	3470.53
MW - 21	02/10/14	3503.03	-	36.39	0.00	3466.64
MW - 21	05/22/14	3503.03	-	36.53	0.00	3466.50
MW - 21	07/22/14	3503.03	-	37.10	0.00	3465.93
MW - 21	08/13/14	3503.03	-	37.26	0.00	3465.77
MW - 21	10/27/14	3503.03	-	35.64	0.00	3467.39
MW - 21	11/05/14	3503.03	-	35.64	0.00	3467.39
MW - 22	02/10/14	3500.05	-	34.64	0.00	3465.41
MW - 22	05/22/14	3500.05	-	34.02	0.00	3466.03
MW - 22	07/22/14	3500.05	-	34.05	0.00	3466.00
MW - 22	08/13/14	3500.05	-	34.19	0.00	3465.86
MW - 22	10/27/14	3500.05	-	32.56	0.00	3467.49
MW - 22	11/05/14	3500.05	-	33.60	0.00	3466.45
MW - 23	02/10/14	3498.88	-	35.99	0.00	3462.89
MW - 23	05/22/14	3498.88	-	33.48	0.00	3465.40
MW - 23	06/25/14	3498.88	-	33.90	0.00	3464.98
MW - 23	06/30/14	3498.88	-	33.87	0.00	3465.01
MW - 23	07/11/14	3498.88	-	33.96	0.00	3464.92
MW - 23	07/14/14	3498.88	-	33.98	0.00	3464.90
MW - 23	07/22/14	3498.88	-	34.06	0.00	3464.82

TABLE 1

2014 GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 23	07/23/14	3498.88	-	34.06	0.00	3464.82
MW - 23	08/05/14	3498.88	-	34.12	0.00	3464.76
MW - 23	08/12/14	3498.88	-	34.19	0.00	3464.69
MW - 23	08/13/14	3498.88	-	34.19	0.00	3464.69
MW - 23	08/27/14	3498.88	-	34.30	0.00	3464.58
MW - 23	09/17/14	3498.88	-	33.58	0.00	3465.30
MW - 23	09/23/14	3498.88	-	33.20	0.00	3465.68
MW - 23	10/10/14	3498.88	-	32.63	0.00	3466.25
MW - 23	10/15/14	3498.88	-	32.59	0.00	3466.29
MW - 23	10/20/14	3498.88	-	32.58	0.00	3466.30
MW - 23	10/27/14	3498.88	-	32.51	0.00	3466.37
MW - 23	11/04/14	3498.88	-	32.65	0.00	3466.23
MW - 23	11/06/14	3498.88	-	32.62	0.00	3466.26
MW - 23	11/11/14	3498.88	-	32.49	0.00	3466.39
MW - 23	11/18/14	3498.88	-	32.47	0.00	3466.41
MW - 23	12/02/14	3498.88	-	32.31	0.00	3466.57
MW - 23	12/09/14	3498.88	-	32.31	0.00	3466.57
MW - 23	12/23/14	3498.88	-	32.36	0.00	3466.52
MW - 23	12/30/14	3498.88	-	32.38	0.00	3466.50
MW - 24	01/02/14	3498.79	-	31.13	0.00	3467.66
MW - 24	01/07/14	3498.79	-	31.07	0.00	3467.72
MW - 24	01/14/14	3498.79	-	31.11	0.00	3467.68
MW - 24	01/21/14	3498.79	-	31.05	0.00	3467.74
MW - 24	01/31/14	3498.79	-	31.01	0.00	3467.78
MW - 24	02/10/14	3498.79	-	31.03	0.00	3467.76
MW - 24	02/27/14	3498.79	-	30.97	0.00	3467.82
MW - 24	03/06/14	3498.79	-	31.02	0.00	3467.77
MW - 24	03/13/14	3498.79	-	31.05	0.00	3467.74
MW - 24	03/25/14	3498.79	-	31.02	0.00	3467.77
MW - 24	04/03/14	3498.79	-	30.95	0.00	3467.84
MW - 24	04/07/14	3498.79	-	31.01	0.00	3467.78
MW - 24	04/14/14	3498.79	-	31.11	0.00	3467.68
MW - 24	04/23/14	3498.79	-	30.57	0.00	3468.22
MW - 24	04/28/14	3498.79	-	31.02	0.00	3467.77
MW - 24	05/05/14	3498.79	-	31.01	0.00	3467.78
MW - 24	05/14/14	3498.79	-	31.11	0.00	3467.68
MW - 24	05/22/14	3498.79	-	31.15	0.00	3467.64
MW - 24	05/28/14	3498.79	-	31.24	0.00	3467.55
MW - 24	06/02/14	3498.79	-	31.30	0.00	3467.49
MW - 24	06/12/14	3498.79	-	31.50	0.00	3467.29
MW - 24	06/17/14	3498.79	-	31.53	0.00	3467.26
MW - 24	06/25/14	3498.79	-	31.61	0.00	3467.18
MW - 24	06/30/14	3498.79	-	31.98	0.00	3466.81
MW - 24	07/11/14	3498.79	-	31.66	0.00	3467.13
MW - 24	07/14/14	3498.79	-	31.69	0.00	3467.10

TABLE 1

2014 GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 24	07/22/14	3498.79	-	31.75	0.00	3467.04
MW - 24	07/23/14	3498.79	-	31.75	0.00	3467.04
MW - 24	08/05/14	3498.79	-	31.85	0.00	3466.94
MW - 24	08/12/14	3498.79	-	31.91	0.00	3466.88
MW - 24	08/13/14	3498.79	-	31.90	0.00	3466.89
MW - 24	08/27/14	3498.79	-	31.97	0.00	3466.82
MW - 24	09/17/14	3498.79	-	31.14	0.00	3467.65
MW - 24	09/23/14	3498.79	-	30.73	0.00	3468.06
MW - 24	10/10/14	3498.79	-	30.20	0.00	3468.59
MW - 24	10/15/14	3498.79	-	30.19	0.00	3468.60
MW - 24	10/20/14	3498.79	-	30.19	0.00	3468.60
MW - 24	10/27/14	3498.79	-	30.16	0.00	3468.63
MW - 24	11/04/14	3498.79	-	30.29	0.00	3468.50
MW - 24	11/06/14	3498.79	-	30.26	0.00	3468.53
MW - 24	11/11/14	3498.79	-	30.10	0.00	3468.69
MW - 24	11/18/14	3498.79	-	29.84	0.00	3468.95
MW - 24	12/02/14	3498.79	-	30.01	0.00	3468.78
MW - 24	12/09/14	3498.79	-	30.02	0.00	3468.77
MW - 24	12/17/14	3498.79	-	29.97	0.00	3468.82
MW - 24	12/23/14	3498.79	-	30.08	0.00	3468.71
MW - 24	12/30/14	3498.79	-	30.13	0.00	3468.66
MW - 25	02/10/14	3498.08	-	32.37	0.00	3465.71
MW - 25	05/22/14	3498.08	-	32.53	0.00	3465.55
MW - 25	06/25/14	3498.08	-	32.93	0.00	3465.15
MW - 25	06/30/14	3498.08	-	32.97	0.00	3465.11
MW - 25	07/11/14	3498.08	-	33.05	0.00	3465.03
MW - 25	07/14/14	3498.08	-	33.08	0.00	3465.00
MW - 25	07/22/14	3498.08	-	33.17	0.00	3464.91
MW - 25	07/23/14	3498.08	-	33.17	0.00	3464.91
MW - 25	08/05/14	3498.08	-	33.21	0.00	3464.87
MW - 25	08/12/14	3498.08	-	33.32	0.00	3464.76
MW - 25	08/13/14	3498.08	-	33.32	0.00	3464.76
MW - 25	08/27/14	3498.08	-	33.40	0.00	3464.68
MW - 25	09/17/14	3498.08	-	32.77	0.00	3465.31
MW - 25	09/23/14	3498.08	-	32.50	0.00	3465.58
MW - 25	10/10/14	3498.08	-	31.90	0.00	3466.18
MW - 25	10/15/14	3498.08	-	31.84	0.00	3466.24
MW - 25	10/20/14	3498.08	-	31.80	0.00	3466.28
MW - 25	10/27/14	3498.08	-	31.71	0.00	3466.37
MW - 25	11/04/14	3498.08	-	31.75	0.00	3466.33
MW - 25	11/06/14	3498.08	-	31.73	0.00	3466.35
MW - 25	11/11/14	3498.08	-	31.68	0.00	3466.40
MW - 25	11/18/14	3498.08	-	31.59	0.00	3466.49
MW - 25	12/02/14	3498.08	-	31.50	0.00	3466.58
MW - 25	12/09/14	3498.08	-	31.47	0.00	3466.61

TABLE 1

2014 GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 25	12/17/14	3498.08	-	-	-	-
MW - 25	12/23/14	3498.08	-	31.51	0.00	3466.57
MW - 25	12/30/14	3498.08	-	31.52	0.00	3466.56
MW - 26	02/10/14	3499.18	-	31.61	0.00	3467.57
MW - 26	05/22/14	3499.18	-	31.75	0.00	3467.43
MW - 26	07/22/14	3499.18	-	32.37	0.00	3466.81
MW - 26	08/13/14	3499.18	-	30.54	0.00	3468.64
MW - 26	08/27/14	3499.18	-	33.40	0.00	3465.78
MW - 26	10/27/14	3499.18	-	30.82	0.00	3468.36
MW - 26	11/05/14	3499.18	-	30.86	0.00	3468.32
MW - 27	02/10/14	3498.03	-	33.92	0.00	3464.11
MW - 27	05/22/14	3498.03	-	34.06	0.00	3463.97
MW - 27	07/22/14	3498.03	-	33.86	0.00	3464.17
MW - 27	08/13/14	3498.03	-	33.76	0.00	3464.27
MW - 27	10/27/14	3498.03	-	32.38	0.00	3465.65
MW - 27	11/05/14	3498.03	-	32.35	0.00	3465.68
MW - 28	02/10/14	3498.69	-	33.28	0.00	3465.41
MW - 28	05/22/14	3498.69	-	33.23	0.00	3465.46
MW - 28	07/22/14	3498.69	-	33.82	0.00	3464.87
MW - 28	08/13/14	3498.69	-	33.93	0.00	3464.76
MW - 28	10/27/14	3498.69	-	32.54	0.00	3466.15
MW - 28	11/06/14	3498.69	-	32.52	0.00	3466.17
MW - 30	02/10/14	3498.65	-	32.15	0.00	3466.50
MW - 30	05/22/14	3498.65	-	32.27	0.00	3466.38
MW - 30	07/22/14	3498.65	-	32.84	0.00	3465.81
MW - 30	08/13/14	3498.65	-	32.97	0.00	3465.68
MW - 30	10/27/14	3498.65	-	31.71	0.00	3466.94
MW - 30	11/06/14	3498.65	-	31.67	0.00	3466.98
RW - 1	01/02/14	3498.89	-	27.50	0.00	3471.39
RW - 1	01/07/14	3498.89	-	27.39	0.00	3471.50
RW - 1	01/14/14	3498.89	-	27.52	0.00	3471.37
RW - 1	01/21/14	3498.89	-	27.35	0.00	3471.54
RW - 1	01/31/14	3498.89	-	27.41	0.00	3471.48
RW - 1	02/10/14	3498.89	-	27.39	0.00	3471.50
RW - 1	02/27/14	3498.89	-	27.32	0.00	3471.57
RW - 1	03/06/14	3498.89	-	27.38	0.00	3471.51
RW - 1	03/13/14	3498.89	-	27.49	0.00	3471.40
RW - 1	03/25/14	3498.89	-	27.48	0.00	3471.41
RW - 1	04/03/14	3498.89	-	27.36	0.00	3471.53
RW - 1	04/07/14	3498.89	-	27.37	0.00	3471.52
RW - 1	04/14/14	3498.89	-	27.50	0.00	3471.39

TABLE 1

2014 GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	04/23/14	3498.89	-	27.23	0.00	3471.66
RW - 1	04/28/14	3498.89	-	28.59	0.00	3470.30
RW - 1	05/05/14	3498.89	-	27.34	0.00	3471.55
RW - 1	05/14/14	3498.89	-	27.46	0.00	3471.43
RW - 1	05/22/14	3498.89	-	27.50	0.00	3471.39
RW - 1	05/28/14	3498.89	-	27.58	0.00	3471.31
RW - 1	06/02/14	3498.89	-	27.64	0.00	3471.25
RW - 1	06/12/14	3498.89	-	28.19	0.00	3470.70
RW - 1	06/17/14	3498.89	-	28.00	0.00	3470.89
RW - 1	06/25/14	3498.89	-	28.08	0.00	3470.81
RW - 1	06/30/14	3498.89	-	28.40	0.00	3470.49
RW - 1	07/11/14	3498.89	-	28.24	0.00	3470.65
RW - 1	07/14/14	3498.89	-	28.15	0.00	3470.74
RW - 1	07/22/14	3498.89	-	28.34	0.00	3470.55
RW - 1	07/23/14	3498.89	-	28.34	0.00	3470.55
RW - 1	08/05/14	3498.89	-	28.33	0.00	3470.56
RW - 1	08/12/14	3498.89	-	28.45	0.00	3470.44
RW - 1	08/13/14	3498.89	28.32	28.33	0.01	3470.57
RW - 1	08/27/14	3498.89	28.53	28.54	0.01	3470.36
RW - 1	09/17/14	3498.89	-	28.05	0.00	3470.84
RW - 1	09/23/14	3498.89	-	27.82	0.00	3471.07
RW - 1	10/10/14	3498.89	-	27.03	0.00	3471.86
RW - 1	10/15/14	3498.89	-	27.10	0.00	3471.79
RW - 1	10/20/14	3498.89	-	28.80	0.00	3470.09
RW - 1	10/27/14	3498.89	-	26.76	0.00	3472.13
RW - 1	11/04/14	3498.89	-	26.81	0.00	3472.08
RW - 1	11/06/14	3498.89	-	26.82	0.00	3472.07
RW - 1	11/11/14	3498.89	-	26.71	0.00	3472.18
RW - 1	11/18/14	3498.89	-	26.67	0.00	3472.22
RW - 1	12/02/14	3498.89	-	26.47	0.00	3472.42
RW - 1	12/09/14	3498.89	-	26.31	0.00	3472.58
RW - 1	12/17/14	3498.89	-	26.36	0.00	3472.53
RW - 1	12/23/14	3498.89	-	26.50	0.00	3472.39
RW - 1	12/30/14	3498.89	-	26.58	0.00	3472.31
RW - 2	01/02/14	3498.99	-	28.32	0.00	3470.67
RW - 2	01/07/14	3498.99	-	28.13	0.00	3470.86
RW - 2	01/14/14	3498.99	-	28.34	0.00	3470.65
RW - 2	01/21/14	3498.99	-	28.09	0.00	3470.90
RW - 2	01/31/14	3498.99	-	28.17	0.00	3470.82
RW - 2	02/10/14	3498.99	-	28.18	0.00	3470.81
RW - 2	02/27/14	3498.99	-	28.05	0.00	3470.94
RW - 2	03/06/14	3498.99	-	28.09	0.00	3470.90
RW - 2	03/13/14	3498.99	-	28.24	0.00	3470.75
RW - 2	03/25/14	3498.99	-	28.33	0.00	3470.66
RW - 2	04/03/14	3498.99	-	28.16	0.00	3470.83

TABLE 1

2014 GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	04/14/14	3498.99	28.21	28.25	0.04	3470.77
RW - 2	04/23/14	3498.99	27.94	27.96	0.02	3471.05
RW - 2	04/28/14	3498.99	28.09	28.20	0.11	3470.88
RW - 2	05/05/14	3498.99	28.04	28.27	0.23	3470.92
RW - 2	05/14/14	3498.99	28.15	28.25	0.10	3470.83
RW - 2	05/22/14	3498.99	28.08	28.24	0.16	3470.89
RW - 2	05/28/14	3498.99	28.23	28.51	0.28	3470.72
RW - 2	06/02/14	3498.99	28.34	28.55	0.21	3470.62
RW - 2	06/12/14	3498.99	28.62	28.82	0.20	3470.34
RW - 2	06/17/14	3498.99	28.64	28.75	0.11	3470.33
RW - 2	06/25/14	3498.99	28.71	28.83	0.12	3470.26
RW - 2	06/30/14	3498.99	28.77	28.85	0.08	3470.21
RW - 2	07/11/14	3498.99	28.89	29.10	0.21	3470.07
RW - 2	07/14/14	3498.99	28.86	29.00	0.14	3470.11
RW - 2	07/22/14	3498.99	28.86	29.03	0.17	3470.10
RW - 2	07/23/14	3498.99	28.86	29.03	0.17	3470.10
RW - 2	08/05/14	3498.99	29.00	29.14	0.14	3469.97
RW - 2	08/12/14	3498.99	29.03	29.13	0.10	3469.95
RW - 2	08/13/14	3498.99	28.98	29.07	0.09	3470.00
RW - 2	08/27/14	3498.99	29.15	29.19	0.04	3469.83
RW - 2	09/17/14	3498.99	-	28.70	0.00	3470.29
RW - 2	09/23/14	3498.99	-	28.39	0.00	3470.60
RW - 2	10/10/14	3498.99	-	27.70	0.00	3471.29
RW - 2	10/15/14	3498.99	-	27.60	0.00	3471.39
RW - 2	10/27/14	3498.99	-	27.38	0.00	3471.61
RW - 2	11/04/14	3498.99	-	27.70	0.00	3471.29
RW - 2	11/06/14	3498.99	-	27.49	0.00	3471.50
RW - 2	11/11/14	3498.99	27.34	27.39	0.05	3471.64
RW - 2	11/18/14	3498.99	27.29	27.35	0.06	3471.69
RW - 2	12/02/14	3498.99	-	27.14	0.00	3471.85
RW - 2	12/09/14	3498.99	-	27.10	0.00	3471.89
RW - 2	12/17/14	3498.99	-	26.98	0.00	3472.01
RW - 2	12/23/14	3498.99	27.12	27.15	0.03	3471.87
RW - 2	12/30/14	3498.99	27.21	27.30	0.09	3471.77

TABLE 2
2014 CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.010	0.750	0.750	0.620	
MW - 1	02/10/14	Not Sampled on Current Sample Schedule				
MW - 1	05/22/14	Not Sampled on Current Sample Schedule				
MW - 1	08/13/14	Not Sampled on Current Sample Schedule				
MW - 1	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 2	02/10/14	0.108	<0.0500	<0.0500	<0.150	
MW - 2	05/22/14	0.140	<0.00100	0.00260	0.0241	
MW - 2	08/13/14	0.04780	<0.00100	<0.00100	0.0092	
MW - 2	11/05/14	0.0104	<0.00100	0.00100	0.0040	
MW - 3	02/10/14	0.890	<0.0500	<0.0500	<0.150	
MW - 3	05/22/14	0.396	<0.00100	0.00310	0.0101	
MW - 3	08/13/14	0.603	<0.0500	<0.0500	<0.0500	
MW - 3	11/05/14	0.753	<0.0500	<0.0500	<0.0500	
MW - 4	02/10/14	1.47	<0.0500	<0.0500	0.229	
MW - 4	05/22/14	1.17	<0.0500	<0.0500	0.183	
MW - 4	08/13/14	0.882	<0.0500	<0.0500	0.194	
MW - 4	11/05/14	2.46	<0.0500	<0.0500	0.133	
MW - 5	02/10/14	1.29	<0.0500	0.452	<0.150	
MW - 5	05/22/14	Not Sampled Due to PSH in Well				
MW - 5	08/13/14	Not Sampled Due to PSH in Well				
MW - 5	11/05/14	0.496	<0.0500	0.225	0.0805	
MW - 6	02/10/14	0.0768	<0.0500	<0.0500	<0.150	
MW - 6	05/22/14	Not Sampled Due to PSH in Well				
MW - 6	08/13/14	Not Sampled Due to PSH in Well				
MW - 6	11/05/14	Not Sampled Due to PSH in Well				
MW - 7	02/10/14	Not Sampled Due to PSH in Well				
MW - 7	05/22/14	Not Sampled Due to PSH in Well				
MW - 7	08/13/14	Not Sampled Due to PSH in Well				
MW - 7	11/05/14	Not Sampled Due to PSH in Well				
MW - 8	02/10/14	Not Sampled on Current Sample Schedule				
MW - 8	05/22/14	Not Sampled on Current Sample Schedule				
MW - 8	08/13/14	Not Sampled on Current Sample Schedule				
MW - 8	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100	

TABLE 2
2014 CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.010	0.750	0.750	0.620	
MW - 9	02/10/14	Not Sampled on Current Sample Schedule				
MW - 9	05/22/14	Not Sampled on Current Sample Schedule				
MW - 9	08/13/14	Not Sampled on Current Sample Schedule				
MW - 9	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 10	02/10/14	0.201	<0.0500	<0.0500	<0.150	
MW - 10	05/22/14	Not Sampled Due to PSH in Well				
MW - 10	08/13/14	Not Sampled Due to PSH in Well				
MW - 10	11/05/14	0.223	<0.0500	<0.0500	<0.0500	
MW - 11	02/10/14	Not Sampled on Current Sample Schedule				
MW - 11	05/22/14	Not Sampled on Current Sample Schedule				
MW - 11	08/13/14	Not Sampled on Current Sample Schedule				
MW - 11	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	02/10/14	Not Sampled on Current Sample Schedule				
MW - 12	05/22/14	Not Sampled on Current Sample Schedule				
MW - 12	08/13/14	Not Sampled on Current Sample Schedule				
MW - 12	11/05/14	<0.00100	<0.00100	<0.00100	0.00130	
MW - 14	02/10/14	Not Sampled on Current Sample Schedule				
MW - 14	05/22/14	Not Sampled on Current Sample Schedule				
MW - 14	08/13/14	Not Sampled on Current Sample Schedule				
MW - 14	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 15	02/10/14	Not Sampled on Current Sample Schedule				
MW - 15	05/22/14	Not Sampled on Current Sample Schedule				
MW - 15	08/13/14	Not Sampled on Current Sample Schedule				
MW - 15	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 16	02/10/14	Not Sampled on Current Sample Schedule				
MW - 16	05/22/14	Not Sampled on Current Sample Schedule				
MW - 16	08/13/14	Not Sampled on Current Sample Schedule				
MW - 16	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 17	02/10/14	2.33	<0.0500	1.12	0.254	
MW - 17	05/22/14	1.77	<0.0500	0.542	0.190	
MW - 17	08/13/14	1.77	<0.0500	0.632	0.265	
MW - 17	11/05/14	2.47	<0.0500	1.410	0.302	

TABLE 2
2014 CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.010	0.750	0.750	0.620	
MW - 18	02/10/14	2.89	<0.0500	1.66	0.185	
MW - 18	05/22/14	2.77	<0.0500	1.57	0.174	
MW - 18	08/13/14	1.36	<0.0500	0.644	0.0672	
MW - 18	11/05/14	2.96	<0.0500	2.24	0.219	
MW - 20	02/10/14	Not Sampled on Current Sample Schedule				
MW - 20	05/22/14	0.00810	<0.00100	0.00470	<0.00300	
MW - 20	08/13/14	Not Sampled on Current Sample Schedule				
MW - 20	11/05/14	<0.0100	<0.0100	<0.0100	<0.0100	
MW - 21	02/10/14	Not Sampled on Current Sample Schedule				
MW - 21	05/22/14	Not Sampled on Current Sample Schedule				
MW - 21	08/13/14	Not Sampled on Current Sample Schedule				
MW - 21	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 22	02/10/14	Not Sampled on Current Sample Schedule				
MW - 22	05/22/14	Not Sampled on Current Sample Schedule				
MW - 22	08/13/14	Not Sampled on Current Sample Schedule				
MW - 22	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 23	02/10/14	0.526	<0.0500	<0.050	<0.150	
MW - 23	05/22/14	0.411	<0.0500	<0.0500	<0.150	
MW - 23	08/13/14	0.546	<0.0500	<0.0500	<0.0500	
MW - 23	11/05/14	0.00460	<0.00100	<0.00100	<0.00100	
MW - 24	02/10/14	4.20	<0.0500	0.530	<0.150	
MW - 24	05/22/14	3.95	<0.0500	0.480	<0.150	
MW - 24	08/13/14	4.69	<0.0500	0.750	0.198	
MW - 24	11/05/14	4.30	<0.0500	0.801	0.186	
MW - 25	02/10/14	0.144	<0.0500	<0.0500	<0.150	
MW - 25	05/22/14	0.457	<0.0500	<0.0500	<0.150	
MW - 25	08/13/14	0.328	<0.0500	<0.0500	<0.0500	
MW - 25	11/05/14	0.0653	<0.00100	<0.00100	<0.00100	
MW - 26	02/10/14	Not Sampled on Current Sample Schedule				
MW - 26	05/22/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 26	08/13/14	Not Sampled on Current Sample Schedule				
MW - 26	11/05/14	<0.00500	<0.00500	<0.00500	<0.00500	

TABLE 2
2014 CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.010	0.750	0.750	0.620	
MW - 27	02/10/14	Not Sampled on Current Sample Schedule				
MW - 27	05/22/14	<0.00100	0.00600	<0.00100	0.00380	
MW - 27	08/13/14	Not Sampled on Current Sample Schedule				
MW - 27	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 28	02/10/14	Not Sampled on Current Sample Schedule				
MW - 28	05/22/14	Not Sampled on Current Sample Schedule				
MW - 28	08/13/14	Not Sampled on Current Sample Schedule				
MW - 28	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 30	02/10/14	Not Sampled on Current Sample Schedule				
MW - 30	05/22/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 30	08/13/14	Not Sampled on Current Sample Schedule				
MW - 30	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100	
RW - 1	02/10/14	1.24	<0.0500	0.272	0.189	
RW - 1	05/22/14	0.456	<0.0500	0.0640	<0.150	
RW - 1	08/13/14	Not Sampled Due to PSH in Well				
RW - 1	11/05/14	0.280	<0.0500	0.108	0.0909	
RW - 2	02/10/14	0.856	<0.0500	0.319	<0.150	
RW - 2	05/22/14	Not Sampled Due to PSH in Well				
RW - 2	08/13/14	Not Sampled Due to PSH in Well				
RW - 2	11/05/14	0.113	<0.0500	0.106	<0.0500	

TABLE 3

2014 POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-18

MONUMENT, NEW MEXICO

NMOCD REFERENCE NUMBER AP-0013

All water concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		--	--	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	--	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			--
MW-1	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/05/14	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	
MW-3	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4	11/05/14	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.0631	0.308	0.0979	<0.000200
MW-5	11/05/14	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.0358	0.0616	0.0266	<0.000200
MW-6	11/05/14	Not Sampled due to the presence of PSH.																		
MW-7	11/05/14	Not Sampled due to the presence of PSH.																		
MW-8	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	11/05/14	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.175	<0.000200	<0.000200
MW-11	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-14	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-15	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-17	11/05/14	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.117	0.149	0.0518	0.00678

TABLE 3

2014 POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-18

MONUMENT, NEW MEXICO

NMOCD REFERENCE NUMBER AP-0013

All water concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---	
MW-18	11/05/14	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.11	0.126	0.0458	<0.000200
MW-20	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-21	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-22	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-26	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-27	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-28	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-30	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
RW-1	11/05/14	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.061	0.145	0.393	<0.000200
RW-2	11/05/14	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.0308	0.237	0.0858	<0.000200

Historic Table 1

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 1	02/03/99	3500.17	-	28.96	0.00	3471.21
MW - 1	05/13/99	3500.17	-	28.48	0.00	3471.69
MW - 1	08/24/99	3500.17	-	28.94	0.00	3471.23
MW - 1	11/30/99	3500.17	-	28.39	0.00	3471.78
MW - 1	03/03/00	3500.17	-	28.60	0.00	3471.57
MW - 1	05/16/00	3500.17	-	28.68	0.00	3471.49
MW - 1	09/01/00	3500.17	-	29.06	0.00	3471.11
MW - 1	11/21/00	3500.17	-	29.23	0.00	3470.94
MW - 1	03/05/01	3500.17	-	28.94	0.00	3471.23
MW - 1	05/17/01	3500.17	-	28.72	0.00	3471.45
MW - 1	08/27/01	3500.17	-	29.95	0.00	3470.22
MW - 1	10/24/01	3500.17	-	28.65	0.00	3471.52
MW - 1	03/27/02	3500.17	-	28.49	0.00	3471.68
MW - 1	05/14/02	3500.17	-	28.14	0.00	3472.03
MW - 1	06/07/02	3500.17	-	28.30	0.00	3471.87
MW - 1	09/27/02	3500.17	-	28.41	0.00	3471.76
MW - 1	12/04/02	3500.17	-	28.15	0.00	3472.02
MW - 1	02/25/03	3500.17	-	28.07	0.00	3472.10
MW - 1	05/22/03	3500.17	-	28.19	0.00	3471.98
MW - 1	08/26/03	3500.17	-	29.31	0.00	3470.86
MW - 1	11/25/03	3500.17	-	29.54	0.00	3470.63
MW - 1	02/10/04	3500.17	-	29.54	0.00	3470.63
MW - 1	05/10/04	3500.17	-	26.54	0.00	3473.63
MW - 1	08/25/04	3500.17	-	27.32	0.00	3472.85
MW - 1	12/01/04	3500.17	-	25.67	0.00	3474.50
MW - 1	03/10/05	3500.17	-	25.35	0.00	3474.82
MW - 1	06/10/05	3500.17	-	24.95	0.00	3475.22
MW - 1	09/09/05	3500.17	-	25.31	0.00	3474.86
MW - 1	12/05/05	3500.17	-	25.17	0.00	3475.00
MW - 1	03/09/06	3500.17	-	25.06	0.00	3475.11
MW - 1	06/08/06	3500.17	-	25.37	0.00	3474.80
MW - 1	09/15/06	3500.17	-	25.12	0.00	3475.05
MW - 1	11/29/06	3500.17	-	25.00	0.00	3475.17
MW - 1	12/18/06	3500.17	sheen	24.52	0.00	3475.65
MW - 1	01/04/07	3500.17	sheen	24.52	0.00	3475.65
MW - 1	02/26/07	3500.17	-	24.96	0.00	3475.21
MW - 1	05/21/07	3500.17	-	24.70	0.00	3475.47
MW - 1	08/16/07	3500.17	-	25.14	0.00	3475.03
MW - 1	11/07/07	3500.17	-	24.91	0.00	3475.26
MW - 1	02/12/08	3500.17	-	24.97	0.00	3475.20
MW - 1	05/15/08	3500.17	-	25.07	0.00	3475.10
MW - 1	08/18/08	3500.17	-	25.94	0.00	3474.23
MW - 1	11/13/08	3500.17	-	25.50	0.00	3474.67
MW - 1	02/11/09	3500.17	-	25.58	0.00	3474.59
MW - 1	05/13/09	3500.17	-	25.62	0.00	3474.55
MW - 1	08/11/09	3500.17	-	26.42	0.00	3473.75

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 1	11/23/09	3500.17	-	26.61	0.00	3473.56
MW - 1	01/05/10	3500.17	-	26.63	0.00	3473.54
MW - 1	02/10/10	3500.17	-	26.69	0.00	3473.48
MW - 1	05/25/10	3500.17	-	26.58	0.00	3473.59
MW - 1	08/13/10	3500.17	-	26.57	0.00	3473.60
MW - 1	11/17/10	3500.17	-	26.60	0.00	3473.57
MW - 1	02/22/11	3500.17	-	26.63	0.00	3473.54
MW - 1	05/17/11	3500.17	-	26.63	0.00	3473.54
MW - 1	08/11/11	3500.17	-	27.32	0.00	3472.85
MW - 1	11/08/11	3500.17	-	27.54	0.00	3472.63
MW - 1	03/01/12	3500.17	-	27.19	0.00	3472.98
MW - 1	05/23/12	3500.17	-	27.22	0.00	3472.95
MW - 1	08/09/12	3500.17	-	27.80	0.00	3472.37
MW - 1	11/19/12	3500.17	-	27.77	0.00	3472.40
MW - 1	02/12/13	3500.17	-	27.68	0.00	3472.49
MW - 1	05/15/13	3500.17	-	27.57	0.00	3472.60
MW - 1	08/07/13	3500.17	-	28.30	0.00	3471.87
MW - 1	11/26/13	3500.17	-	28.28	0.00	3471.89
MW - 1	02/10/14	3500.17	-	28.08	0.00	3472.09
MW - 1	04/14/14	3500.17	-	28.07	0.00	3472.10
MW - 1	05/22/14	3500.17	-	28.13	0.00	3472.04
MW - 1	07/22/14	3500.17	-	28.93	0.00	3471.24
MW - 1	08/13/14	3500.17	-	29.09	0.00	3471.08
MW - 1	10/27/14	3500.17	-	27.39	0.00	3472.78
MW - 1	11/05/14	3500.17	-	27.40	0.00	3472.77
MW - 2	02/03/99	3499.19	-	28.72	0.00	3470.47
MW - 2	05/13/99	3499.19	-	28.34	0.00	3470.85
MW - 2	08/24/99	3499.19	-	28.83	0.00	3470.36
MW - 2	11/30/99	3499.19	-	28.26	0.00	3470.93
MW - 2	03/03/00	3499.19	-	28.38	0.00	3470.81
MW - 2	05/16/00	3499.19	-	28.43	0.00	3470.76
MW - 2	09/01/00	3499.19	-	29.00	0.00	3470.19
MW - 2	11/21/00	3499.19	-	28.94	0.00	3470.25
MW - 2	03/05/01	3499.19	28.75	28.88	0.13	3470.42
MW - 2	05/17/01	3499.19	28.52	28.66	0.14	3470.65
MW - 2	08/27/01	3499.19	29.58	29.72	0.14	3469.59
MW - 2	10/24/01	3499.19	29.09	29.24	0.15	3470.08
MW - 2	03/27/02	3499.19	28.30	28.62	0.32	3470.84
MW - 2	05/14/02	3499.19	27.99	28.25	0.26	3471.16
MW - 2	06/07/02	3499.19	28.08	28.34	0.26	3471.07
MW - 2	09/27/02	3499.19	28.09	28.46	0.37	3471.04
MW - 2	10/29/02	3499.19	28.19	28.63	0.44	3470.93
MW - 2	11/07/02	3499.19	28.07	28.51	0.44	3471.05
MW - 2	12/04/02	3499.19	28.10	28.12	0.02	3471.09
MW - 2	01/07/03	3499.19	sheen	28.01	0.00	3471.18

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	01/27/03	3499.19	sheen	27.83	0.00	3471.36
MW - 2	02/25/03	3499.19	sheen	27.81	0.00	3471.38
MW - 2	03/06/03	3499.19	sheen	27.91	0.00	3471.28
MW - 2	03/11/03	3499.19	sheen	27.85	0.00	3471.34
MW - 2	03/20/03	3499.19	27.92	27.93	0.01	3471.27
MW - 2	04/02/03	3499.19	27.78	27.79	0.01	3471.41
MW - 2	04/16/03	3499.19	sheen	27.88	0.00	3471.31
MW - 2	04/23/03	3499.19	sheen	27.78	0.00	3471.41
MW - 2	04/29/03	3499.19	27.73	27.74	0.01	3471.46
MW - 2	05/15/03	3499.19	sheen	27.81	0.00	3471.38
MW - 2	05/22/03	3499.19	sheen	28.00	0.00	3471.19
MW - 2	05/28/03	3499.19	sheen	28.29	0.00	3471.90
MW - 2	06/04/03	3499.19	sheen	28.11	0.00	3471.08
MW - 2	06/10/03	3499.19	sheen	28.28	0.00	3470.91
MW - 2	06/26/03	3499.19	-	27.89	0.00	3471.30
MW - 2	07/07/03	3499.19	sheen	28.68	0.00	3470.51
MW - 2	07/30/03	3499.19	sheen	28.66	0.00	3470.53
MW - 2	08/05/03	3499.19	29.04	29.06	0.02	3470.15
MW - 2	08/21/03	3499.19	sheen	29.31	0.00	3469.88
MW - 2	08/26/03	3499.19	29.31	29.37	0.06	3469.87
MW - 2	09/08/03	3499.19	29.42	29.44	0.02	3469.77
MW - 2	09/15/03	3499.19	29.41	29.43	0.02	3469.78
MW - 2	09/24/03	3499.19	29.52	29.56	0.04	3469.66
MW - 2	10/02/03	3499.19	29.35	29.39	0.04	3469.83
MW - 2	10/08/03	3499.19	29.25	29.28	0.03	3469.94
MW - 2	10/16/03	3499.19	29.60	29.66	0.06	3469.58
MW - 2	10/28/03	3499.19	29.59	29.65	0.06	3469.59
MW - 2	11/11/03	3499.19	sheen	29.71	0.00	3469.48
MW - 2	11/18/03	3499.19	sheen	29.54	0.00	3469.65
MW - 2	11/25/03	3499.19	-	29.21	0.00	3469.98
MW - 2	12/08/03	3499.19	sheen	29.29	0.00	3469.90
MW - 2	01/27/04	3499.19	-	29.70	0.00	3469.49
MW - 2	02/02/04	3499.19	-	29.61	0.00	3469.58
MW - 2	02/10/04	3499.19	-	29.28	0.00	3469.91
MW - 2	02/20/04	3499.19	-	29.50	0.00	3469.69
MW - 2	03/04/04	3499.19	-	29.27	0.00	3469.92
MW - 2	03/16/04	3499.19	-	29.55	0.00	3469.64
MW - 2	03/25/04	3499.19	-	29.63	0.00	3469.56
MW - 2	03/31/04	3499.19	-	29.60	0.00	3469.59
MW - 2	04/01/04	3499.19	-	29.65	0.00	3469.54
MW - 2	04/08/04	3499.19	-	27.11	0.00	3472.08
MW - 2	04/14/04	3499.19	-	27.67	0.00	3471.52
MW - 2	04/16/04	3499.19	-	27.86	0.00	3471.33
MW - 2	04/22/04	3499.19	26.98	26.99	0.01	3472.21
MW - 2	04/29/04	3499.19	-	26.82	0.00	3472.37
MW - 2	05/05/04	3499.19	sheen	27.11	0.00	3472.08

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	05/10/04	3499.19	-	26.82	0.00	3472.37
MW - 2	06/08/04	3499.19	-	26.76	0.00	3472.43
MW - 2	06/17/04	3499.19	sheen	26.95	0.00	3472.24
MW - 2	06/22/04	3499.19	-	26.98	0.00	3472.21
MW - 2	06/25/04	3499.19	-	26.96	0.00	3472.23
MW - 2	06/26/04	3499.19	-	26.96	0.00	3472.23
MW - 2	06/29/04	3499.19	-	26.95	0.00	3472.24
MW - 2	07/01/04	3499.19	sheen	26.99	0.00	3472.20
MW - 2	07/08/04	3499.19	-	26.96	0.00	3472.23
MW - 2	07/13/04	3499.19	-	27.04	0.00	3472.15
MW - 2	07/20/04	3499.19	-	27.98	0.00	3471.21
MW - 2	08/04/04	3499.19	sheen	27.17	0.00	3472.02
MW - 2	08/10/04	3499.19	-	27.18	0.00	3472.01
MW - 2	08/17/04	3499.19	sheen	27.38	0.00	3471.81
MW - 2	08/23/04	3499.19	-	27.20	0.00	3471.99
MW - 2	08/25/04	3499.19	-	27.25	0.00	3471.94
MW - 2	08/31/04	3499.19	sheen	27.35	0.00	3471.84
MW - 2	09/13/04	3499.19	27.26	27.28	0.02	3471.93
MW - 2	09/20/04	3499.19	27.38	27.40	0.02	3471.81
MW - 2	09/30/04	3499.19	sheen	27.61	0.00	3471.58
MW - 2	10/04/04	3499.19	sheen	26.46	0.00	3472.73
MW - 2	10/11/04	3499.19	sheen	26.14	0.00	3473.05
MW - 2	10/18/04	3499.19	sheen	25.95	0.00	3473.24
MW - 2	10/27/04	3499.19	sheen	26.02	0.00	3473.17
MW - 2	11/02/04	3499.19	sheen	25.92	0.00	3473.27
MW - 2	11/08/04	3499.19	sheen	25.88	0.00	3473.31
MW - 2	11/23/04	3499.19	sheen	25.75	0.00	3473.44
MW - 2	12/01/04	3499.19	sheen	25.56	0.00	3473.63
MW - 2	12/02/04	3499.19	sheen	25.56	0.00	3473.63
MW - 2	12/08/04	3499.19	sheen	25.42	0.00	3473.77
MW - 2	12/14/04	3499.19	sheen	25.44	0.00	3473.75
MW - 2	12/21/04	3499.19	sheen	25.38	0.00	3473.81
MW - 2	12/29/04	3499.19	sheen	25.29	0.00	3473.90
MW - 2	01/11/05	3499.19	sheen	24.61	0.00	3474.58
MW - 2	01/14/05	3499.19	sheen	25.39	0.00	3473.80
MW - 2	01/18/05	3499.19	sheen	25.24	0.00	3473.95
MW - 2	01/21/05	3499.19	sheen	24.14	0.00	3475.05
MW - 2	01/25/05	3499.19	sheen	25.19	0.00	3474.00
MW - 2	01/28/05	3499.19	sheen	25.18	0.00	3474.01
MW - 2	02/02/05	3499.19	sheen	25.24	0.00	3473.95
MW - 2	02/05/05	3499.19	sheen	25.14	0.00	3474.05
MW - 2	02/08/05	3499.19	sheen	25.15	0.00	3474.04
MW - 2	02/11/05	3499.19	sheen	25.11	0.00	3474.08
MW - 2	02/15/05	3499.19	sheen	25.23	0.00	3473.96
MW - 2	02/18/05	3499.19	sheen	25.21	0.00	3473.98
MW - 2	02/22/05	3499.19	sheen	25.11	0.00	3474.08

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	02/25/05	3499.19	sheen	25.23	0.00	3473.96
MW - 2	03/01/05	3499.19	sheen	25.15	0.00	3474.04
MW - 2	03/04/05	3499.19	sheen	25.23	0.00	3473.96
MW - 2	03/08/05	3499.19	sheen	25.03	0.00	3474.16
MW - 2	03/10/05	3499.19	sheen	25.03	0.00	3474.16
MW - 2	03/11/05	3499.19	sheen	25.05	0.00	3474.14
MW - 2	03/15/05	3499.19	sheen	25.06	0.00	3474.13
MW - 2	03/19/05	3499.19	sheen	25.04	0.00	3474.15
MW - 2	03/22/05	3499.19	sheen	25.08	0.00	3474.11
MW - 2	03/28/05	3499.19	sheen	24.93	0.00	3474.26
MW - 2	04/01/05	3499.19	sheen	25.10	0.00	3474.09
MW - 2	04/05/05	3499.19	sheen	24.95	0.00	3474.24
MW - 2	04/08/05	3499.19	sheen	24.97	0.00	3474.22
MW - 2	04/12/05	3499.19	sheen	24.97	0.00	3474.22
MW - 2	04/15/05	3499.19	sheen	24.95	0.00	3474.24
MW - 2	05/25/05	3499.19	sheen	24.70	0.00	3474.49
MW - 2	06/03/05	3499.19	sheen	24.57	0.00	3474.62
MW - 2	06/06/05	3499.19	sheen	24.56	0.00	3474.63
MW - 2	06/10/05	3499.19	24.51	24.52	0.01	3474.68
MW - 2	06/13/05	3499.19	sheen	24.72	0.00	3474.47
MW - 2	06/20/05	3499.19	sheen	24.72	0.00	3474.47
MW - 2	06/24/05	3499.19	sheen	24.69	0.00	3474.50
MW - 2	06/27/05	3499.19	sheen	24.71	0.00	3474.48
MW - 2	07/18/05	3499.19	sheen	25.04	0.00	3474.15
MW - 2	07/25/05	3499.19	sheen	25.07	0.00	3474.12
MW - 2	08/01/05	3499.19	sheen	25.12	0.00	3474.07
MW - 2	08/04/05	3499.19	sheen	25.13	0.00	3474.06
MW - 2	08/10/05	3499.19	24.19	24.20	0.01	3475.00
MW - 2	08/16/05	3499.19	sheen	25.29	0.00	3473.90
MW - 2	08/23/05	3499.19	25.06	25.08	0.02	3474.13
MW - 2	08/29/05	3499.19	25.00	25.02	0.02	3474.19
MW - 2	09/06/05	3499.19	24.94	24.95	0.01	3474.25
MW - 2	09/09/05	3499.19	24.91	24.93	0.02	3474.28
MW - 2	09/12/05	3499.19	24.90	24.91	0.01	3474.29
MW - 2	09/19/05	3499.19	25.11	25.15	0.04	3474.07
MW - 2	09/27/05	3499.19	24.59	24.74	0.15	3474.58
MW - 2	10/03/05	3499.19	24.65	24.77	0.12	3474.52
MW - 2	10/10/05	3499.19	25.02	25.09	0.07	3474.16
MW - 2	10/17/05	3499.19	25.03	25.09	0.06	3474.15
MW - 2	10/24/05	3499.19	24.89	24.90	0.01	3474.30
MW - 2	11/01/05	3499.19	24.84	24.85	0.01	3474.35
MW - 2	11/08/05	3499.19	24.78	24.81	0.03	3474.41
MW - 2	11/15/05	3499.19	24.91	24.98	0.07	3474.27
MW - 2	11/22/05	3499.19	24.79	24.85	0.06	3474.39
MW - 2	11/27/05	3499.19	24.72	24.78	0.06	3474.46
MW - 2	12/02/05	3499.19	24.81	24.82	0.01	3474.38

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	12/05/05	3499.19	24.74	24.78	0.04	3474.44
MW - 2	12/07/05	3499.19	24.81	24.82	0.01	3474.38
MW - 2	12/16/05	3499.19	24.77	24.80	0.03	3474.42
MW - 2	12/29/05	3499.19	24.70	24.76	0.06	3474.48
MW - 2	01/03/06	3499.19	24.76	24.80	0.04	3474.42
MW - 2	01/09/06	3499.19	24.82	24.90	0.08	3474.36
MW - 2	01/16/06	3499.19	24.62	24.64	0.02	3474.57
MW - 2	01/23/06	3499.19	24.80	24.85	0.05	3474.38
MW - 2	01/30/06	3499.19	24.78	24.86	0.08	3474.40
MW - 2	02/07/06	3499.19	24.75	24.83	0.08	3474.43
MW - 2	02/14/06	3499.19	24.68	24.78	0.10	3474.50
MW - 2	02/21/06	3499.19	24.67	24.80	0.13	3474.50
MW - 2	02/27/06	3499.19	24.69	24.79	0.10	3474.49
MW - 2	03/06/06	3499.19	24.70	24.78	0.08	3474.48
MW - 2	03/09/06	3499.19	24.57	24.65	0.08	3474.61
MW - 2	03/17/06	3499.19	24.81	24.85	0.04	3474.37
MW - 2	03/21/06	3499.19	24.83	24.90	0.07	3474.35
MW - 2	03/28/06	3499.19	24.85	24.89	0.04	3474.33
MW - 2	04/03/06	3499.19	24.86	24.92	0.06	3474.32
MW - 2	04/10/06	3499.19	24.62	24.65	0.03	3474.57
MW - 2	04/17/06	3499.19	24.57	24.62	0.05	3474.61
MW - 2	05/01/06	3499.19	24.65	24.73	0.08	3474.53
MW - 2	05/08/06	3499.19	24.61	24.78	0.17	3474.55
MW - 2	05/15/06	3499.19	24.84	24.98	0.14	3474.33
MW - 2	06/01/06	3499.19	25.02	25.06	0.04	3474.16
MW - 2	06/05/06	3499.19	sheen	24.94	0.00	3474.25
MW - 2	06/08/06	3499.19	25.14	25.26	0.12	3474.03
MW - 2	06/12/06	3499.19	25.14	25.26	0.12	3474.03
MW - 2	06/19/06	3499.19	25.23	25.30	0.07	3473.95
MW - 2	07/03/06	3499.19	25.40	25.42	0.02	3473.79
MW - 2	07/10/06	3499.19	sheen	25.37	0.00	3473.82
MW - 2	07/17/06	3499.19	sheen	24.29	0.00	3474.90
MW - 2	07/26/06	3499.19	25.45	25.55	0.10	3473.73
MW - 2	07/31/06	3499.19	25.44	25.51	0.07	3473.74
MW - 2	08/07/06	3499.19	26.52	26.61	0.09	3472.66
MW - 2	08/17/06	3499.19	25.41	25.44	0.03	3473.78
MW - 2	08/21/06	3499.19	sheen	25.34	0.00	3473.85
MW - 2	09/06/06	3499.19	24.88	24.92	0.04	3474.30
MW - 2	09/11/06	3499.19	24.86	24.89	0.03	3474.33
MW - 2	09/15/06	3499.19	24.81	24.84	0.03	3474.38
MW - 2	10/02/06	3499.19	24.84	24.87	0.03	3474.35
MW - 2	10/09/06	3499.19	24.76	24.81	0.05	3474.42
MW - 2	10/17/06	3499.19	sheen	24.72	0.00	3474.47
MW - 2	10/23/06	3499.19	sheen	24.75	0.00	3474.44
MW - 2	10/30/06	3499.19	sheen	24.73	0.00	3474.46
MW - 2	11/06/06	3499.19	sheen	24.68	0.00	3474.51

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HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	11/13/06	3499.19	sheen	24.60	0.00	3474.59
MW - 2	11/20/06	3499.19	sheen	24.73	0.00	3474.46
MW - 2	11/27/06	3499.19	sheen	24.26	0.00	3474.93
MW - 2	11/29/06	3499.19	sheen	24.25	0.00	3474.94
MW - 2	12/04/06	3499.19	sheen	24.64	0.00	3474.55
MW - 2	12/12/06	3499.19	sheen	24.71	0.00	3474.48
MW - 2	01/11/07	3499.19	sheen	24.82	0.00	3474.37
MW - 2	01/18/07	3499.19	sheen	24.71	0.00	3474.48
MW - 2	01/22/07	3499.19	sheen	24.71	0.00	3474.48
MW - 2	01/31/07	3499.19	24.53	24.55	0.02	3474.66
MW - 2	02/07/07	3499.19	sheen	24.63	0.00	3474.56
MW - 2	02/14/07	3499.19	-	24.62	0.00	3474.57
MW - 2	02/26/07	3499.19	sheen	24.59	0.00	3474.60
MW - 2	03/07/07	3499.19	24.72	24.91	0.19	3474.44
MW - 2	04/03/07	3499.19	24.57	24.59	0.02	3474.62
MW - 2	04/09/07	3499.19	24.33	24.34	0.01	3474.86
MW - 2	04/17/07	3499.19	sheen	24.43	0.00	3474.76
MW - 2	05/01/07	3499.19	sheen	24.40	0.00	3474.79
MW - 2	05/07/07	3499.19	sheen	24.38	0.00	3474.81
MW - 2	05/21/07	3499.19	sheen	24.16	0.00	3475.03
MW - 2	07/03/07	3499.19	sheen	24.36	0.00	3474.83
MW - 2	07/30/07	3499.19	sheen	24.69	0.00	3474.50
MW - 2	08/06/07	3499.19	sheen	24.73	0.00	3474.46
MW - 2	08/16/07	3499.19	sheen	24.87	0.00	3474.32
MW - 2	09/13/07	3499.19	sheen	24.73	0.00	3474.46
MW - 2	09/18/07	3499.19	sheen	24.68	0.00	3474.51
MW - 2	09/24/07	3499.19	sheen	26.40	0.00	3472.79
MW - 2	10/01/07	3499.19	sheen	24.58	0.00	3474.61
MW - 2	10/08/07	3499.19	sheen	24.56	0.00	3474.63
MW - 2	10/15/07	3499.19	sheen	24.16	0.00	3475.03
MW - 2	11/07/07	3499.19	sheen	24.51	0.00	3474.68
MW - 2	12/14/07	3499.19	sheen	24.46	0.00	3474.73
MW - 2	01/09/08	3499.19	-	24.37	0.00	3474.82
MW - 2	01/16/08	3499.19	-	24.54	0.00	3474.65
MW - 2	01/23/08	3499.19	-	24.62	0.00	3474.57
MW - 2	02/08/08	3499.19	-	24.19	0.00	3475.00
MW - 2	02/12/08	3499.19	-	24.56	0.00	3474.63
MW - 2	02/22/08	3499.19	-	24.59	0.00	3474.60
MW - 2	03/05/08	3499.19	-	24.55	0.00	3474.64
MW - 2	05/14/08	3499.19	-	24.71	0.00	3474.48
MW - 2	06/23/08	3499.19	-	25.11	0.00	3474.08
MW - 2	08/18/08	3499.19	-	25.80	0.00	3473.39
MW - 2	11/13/08	3499.19	-	25.13	0.00	3474.06
MW - 2	02/11/09	3499.19	-	25.25	0.00	3473.94
MW - 2	02/24/09	3499.19	-	25.18	0.00	3474.01
MW - 2	03/04/09	3499.19	-	25.20	0.00	3473.99

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	03/17/09	3499.19	-	25.20	0.00	3473.99
MW - 2	03/25/09	3499.19	-	25.19	0.00	3474.00
MW - 2	04/08/09	3499.19	-	25.20	0.00	3473.99
MW - 2	04/15/09	3499.19	-	25.20	0.00	3473.99
MW - 2	04/29/09	3499.19	-	25.21	0.00	3473.98
MW - 2	05/13/09	3499.19	-	25.26	0.00	3473.93
MW - 2	06/01/09	3499.19	-	25.55	0.00	3473.64
MW - 2	06/10/09	3499.19	-	25.28	0.00	3473.91
MW - 2	06/12/09	3499.19	-	25.73	0.00	3473.46
MW - 2	06/18/09	3499.19	-	25.29	0.00	3473.90
MW - 2	06/24/09	3499.19	-	25.82	0.00	3473.37
MW - 2	07/02/09	3499.19	-	25.93	0.00	3473.26
MW - 2	07/08/09	3499.19	-	25.31	0.00	3473.88
MW - 2	07/14/09	3499.19	-	25.87	0.00	3473.32
MW - 2	07/20/09	3499.19	-	25.88	0.00	3473.31
MW - 2	07/27/09	3499.19	-	25.89	0.00	3473.30
MW - 2	08/03/09	3499.19	-	26.00	0.00	3473.19
MW - 2	08/11/09	3499.19	-	26.15	0.00	3473.04
MW - 2	08/18/09	3499.19	-	26.18	0.00	3473.01
MW - 2	08/24/09	3499.19	-	26.22	0.00	3472.97
MW - 2	08/31/09	3499.19	-	26.33	0.00	3472.86
MW - 2	09/03/09	3499.19	-	26.26	0.00	3472.93
MW - 2	09/08/09	3499.19	-	26.39	0.00	3472.80
MW - 2	09/10/09	3499.19	-	26.48	0.00	3472.71
MW - 2	09/16/09	3499.19	-	26.32	0.00	3472.87
MW - 2	09/22/09	3499.19	-	26.51	0.00	3472.68
MW - 2	09/29/09	3499.19	-	25.90	0.00	3473.29
MW - 2	10/02/09	3499.19	-	26.39	0.00	3472.80
MW - 2	10/07/09	3499.19	-	26.41	0.00	3472.78
MW - 2	10/12/09	3499.19	-	25.31	0.00	3473.88
MW - 2	10/16/09	3499.19	-	26.33	0.00	3472.86
MW - 2	10/20/09	3499.19	-	25.30	0.00	3473.89
MW - 2	10/26/09	3499.19	-	25.30	0.00	3473.89
MW - 2	10/28/09	3499.19	-	26.34	0.00	3472.85
MW - 2	11/04/09	3499.19	-	26.53	0.00	3472.66
MW - 2	11/12/09	3499.19	-	26.16	0.00	3473.03
MW - 2	11/23/09	3499.19	-	26.41	0.00	3472.78
MW - 2	12/03/09	3499.19	-	26.51	0.00	3472.68
MW - 2	12/16/09	3499.19	-	26.45	0.00	3472.74
MW - 2	12/21/09	3499.19	-	26.37	0.00	3472.82
MW - 2	12/28/09	3499.19	-	25.30	0.00	3473.89
MW - 2	01/05/10	3499.19	-	26.41	0.00	3472.78
MW - 2	01/20/10	3499.19	-	25.27	0.00	3473.92
MW - 2	01/25/10	3499.19	-	25.25	0.00	3473.94
MW - 2	01/27/10	3499.19	-	26.45	0.00	3472.74
MW - 2	02/10/10	3499.19	-	26.47	0.00	3472.72

TABLE 1
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PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	03/01/10	3499.19	-	25.24	0.00	3473.95
MW - 2	03/09/10	3499.19	-	26.47	0.00	3472.72
MW - 2	03/11/10	3499.19	-	26.10	0.00	3473.09
MW - 2	05/25/10	3499.19	-	26.03	0.00	3473.16
MW - 2	06/07/10	3499.19	-	26.28	0.00	3472.91
MW - 2	06/12/10	3499.19	-	26.43	0.00	3472.76
MW - 2	06/25/10	3499.19	-	26.51	0.00	3472.68
MW - 2	07/07/10	3499.19	-	26.23	0.00	3472.96
MW - 2	07/12/10	3499.19	-	26.91	0.00	3472.28
MW - 2	07/26/10	3499.19	DID NOT GAUGE		0.00	3499.19
MW - 2	08/03/10	3499.19	-	24.56	0.00	3474.63
MW - 2	08/13/10	3499.19	-	25.70	0.00	3473.49
MW - 2	08/19/10	3499.19	-	25.49	0.00	3473.70
MW - 2	08/25/10	3499.19	-	25.60	0.00	3473.59
MW - 2	09/01/10	3499.19	-	25.48	0.00	3473.71
MW - 2	09/09/10	3499.19	-	25.55	0.00	3473.64
MW - 2	09/13/10	3499.19	-	25.89	0.00	3473.30
MW - 2	09/29/10	3499.19	-	25.57	0.00	3473.62
MW - 2	10/05/10	3499.19	-	25.87	0.00	3473.32
MW - 2	10/25/10	3499.19	-	25.87	0.00	3473.32
MW - 2	11/03/10	3499.19	sheen	25.69	0.00	3473.50
MW - 2	11/10/10	3499.19	sheen	25.65	0.00	3473.54
MW - 2	11/18/10	3499.19	sheen	25.65	0.00	3473.54
MW - 2	12/09/10	3499.19	sheen	25.66	0.00	3473.53
MW - 2	01/18/11	3499.19	sheen	25.64	0.00	3473.55
MW - 2	02/22/11	3499.19	sheen	25.64	0.00	3473.55
MW - 2	03/01/11	3499.19	sheen	25.82	0.00	3473.37
MW - 2	03/07/11	3499.19	sheen	25.70	0.00	3473.49
MW - 2	03/22/11	3499.19	sheen	25.65	0.00	3473.54
MW - 2	03/22/11	3499.19	-	26.02	0.00	3473.17
MW - 2	05/05/11	3499.19	sheen	26.05	0.00	3473.14
MW - 2	05/10/11	3499.19	sheen	25.91	0.00	3473.28
MW - 2	05/17/11	3499.19	sheen	25.99	0.00	3473.20
MW - 2	05/17/11	3499.19	sheen	25.99	0.00	3473.20
MW - 2	05/24/11	3499.19	sheen	25.17	0.00	3474.02
MW - 2	06/07/11	3499.19	-	26.21	0.00	3472.98
MW - 2	06/14/11	3499.19	-	26.32	0.00	3472.87
MW - 2	06/23/11	3499.19	-	26.25	0.00	3472.94
MW - 2	06/28/11	3499.19	-	26.79	0.00	3472.40
MW - 2	07/06/11	3499.19	sheen	26.80	0.00	3472.39
MW - 2	07/14/11	3499.19	-	26.79	0.00	3472.40
MW - 2	07/27/11	3499.19	-	26.75	0.00	3472.44
MW - 2	08/03/11	3499.19	-	27.04	0.00	3472.15
MW - 2	08/11/11	3499.19	-	27.14	0.00	3472.05
MW - 2	08/18/11	3499.19	-	27.10	0.00	3472.09
MW - 2	08/25/11	3499.19	-	27.15	0.00	3472.04

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	09/02/11	3499.19	-	27.22	0.00	3471.97
MW - 2	09/09/11	3499.19	-	27.32	0.00	3471.87
MW - 2	11/08/11	3499.19	-	27.26	0.00	3471.93
MW - 2	12/28/11	3499.19	-	27.07	0.00	3472.12
MW - 2	01/05/12	3499.19	-	27.08	0.00	3472.11
MW - 2	01/18/12	3499.19	-	27.01	0.00	3472.18
MW - 2	01/27/12	3499.19	-	26.99	0.00	3472.20
MW - 2	02/02/12	3499.19	-	26.93	0.00	3472.26
MW - 2	02/10/12	3499.19	-	27.07	0.00	3472.12
MW - 2	02/15/12	3499.19	-	26.99	0.00	3472.20
MW - 2	03/01/12	3499.19	-	26.82	0.00	3472.37
MW - 2	03/07/12	3499.19	-	26.88	0.00	3472.31
MW - 2	03/14/12	3499.19	-	26.91	0.00	3472.28
MW - 2	03/19/12	3499.19	-	26.87	0.00	3472.32
MW - 2	03/26/12	3499.19	-	26.84	0.00	3472.35
MW - 2	04/04/12	3499.19	-	26.88	0.00	3472.31
MW - 2	04/11/12	3499.19	-	26.87	0.00	3472.32
MW - 2	04/17/12	3499.19	-	26.89	0.00	3472.30
MW - 2	04/25/12	3499.19	-	26.82	0.00	3472.37
MW - 2	05/23/12	3499.19	-	26.89	0.00	3472.30
MW - 2	05/31/12	3499.19	-	27.05	0.00	3472.14
MW - 2	06/06/12	3499.19	-	27.03	0.00	3472.16
MW - 2	06/13/12	3499.19	-	27.14	0.00	3472.05
MW - 2	06/20/12	3499.19	-	27.06	0.00	3472.13
MW - 2	07/11/12	3499.19	-	27.05	0.00	3472.14
MW - 2	07/18/12	3499.19	-	27.52	0.00	3471.67
MW - 2	08/02/12	3499.19	-	27.44	0.00	3471.75
MW - 2	08/09/12	3499.19	-	27.58	0.00	3471.61
MW - 2	08/16/12	3499.19	-	27.70	0.00	3471.49
MW - 2	10/02/12	3499.19	-	27.81	0.00	3471.38
MW - 2	10/10/12	3499.19	-	27.71	0.00	3471.48
MW - 2	10/17/12	3499.19	-	27.54	0.00	3471.65
MW - 2	10/26/12	3499.19	-	27.67	0.00	3471.52
MW - 2	11/01/12	3499.19	-	27.54	0.00	3471.65
MW - 2	11/19/12	3499.19	-	27.47	0.00	3471.72
MW - 2	12/13/12	3499.19	-	27.49	0.00	3471.70
MW - 2	12/18/12	3499.19	-	27.32	0.00	3471.87
MW - 2	01/08/13	3499.19	-	27.29	0.00	3471.90
MW - 2	01/16/13	3499.19	-	27.43	0.00	3471.76
MW - 2	01/24/13	3499.19	-	27.43	0.00	3471.76
MW - 2	01/30/13	3499.19	-	27.43	0.00	3471.76
MW - 2	02/12/13	3499.19	-	27.34	0.00	3471.85
MW - 2	03/19/13	3499.19	-	27.29	0.00	3471.90
MW - 2	04/02/13	3499.19	-	27.33	0.00	3471.86
MW - 2	04/08/13	3499.19	-	27.19	0.00	3472.00
MW - 2	04/16/13	3499.19	-	27.31	0.00	3471.88

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	04/23/13	3499.19	-	27.41	0.00	3471.78
MW - 2	05/01/13	3499.19	-	27.35	0.00	3471.84
MW - 2	05/08/13	3499.19	-	27.31	0.00	3471.88
MW - 2	05/15/13	3499.19	-	27.22	0.00	3471.97
MW - 2	05/17/13	3499.19	-	27.32	0.00	3471.87
MW - 2	05/23/13	3499.19	-	27.40	0.00	3471.79
MW - 2	05/29/13	3499.19	-	27.34	0.00	3471.85
MW - 2	06/12/13	3499.19	-	27.68	0.00	3471.51
MW - 2	06/19/13	3499.19	-	27.75	0.00	3471.44
MW - 2	06/27/13	3499.19	-	27.92	0.00	3471.27
MW - 2	07/02/13	3499.19	-	27.94	0.00	3471.25
MW - 2	07/08/13	3499.19	-	28.07	0.00	3471.12
MW - 2	07/15/13	3499.19	-	28.09	0.00	3471.10
MW - 2	07/23/13	3499.19	-	27.99	0.00	3471.20
MW - 2	07/29/13	3499.19	-	27.96	0.00	3471.23
MW - 2	08/07/13	3499.19	-	28.06	0.00	3471.13
MW - 2	08/15/13	3499.19	-	28.23	0.00	3470.96
MW - 2	08/20/13	3499.19	-	28.22	0.00	3470.97
MW - 2	08/28/13	3499.19	-	28.30	0.00	3470.89
MW - 2	09/05/13	3499.19	-	28.27	0.00	3470.92
MW - 2	09/09/13	3499.19	-	28.21	0.00	3470.98
MW - 2	09/18/13	3499.19	-	28.24	0.00	3470.95
MW - 2	09/28/13	3499.19	-	28.41	0.00	3470.78
MW - 2	10/01/13	3499.19	-	28.27	0.00	3470.92
MW - 2	10/08/13	3499.19	-	28.27	0.00	3470.92
MW - 2	10/14/13	3499.19	-	28.41	0.00	3470.78
MW - 2	10/23/13	3499.19	-	28.17	0.00	3471.02
MW - 2	10/29/13	3499.19	-	28.09	0.00	3471.10
MW - 2	11/16/13	3499.19	-	27.96	0.00	3471.23
MW - 2	11/27/13	3499.19	-	28.12	0.00	3471.07
MW - 2	12/02/13	3499.19	-	27.83	0.00	3471.36
MW - 2	12/14/13	3499.19	-	28.10	0.00	3471.09
MW - 2	12/19/13	3499.19	-	27.80	0.00	3471.39
MW - 2	12/24/13	3499.19	-	27.88	0.00	3471.31
MW - 2	01/02/14	3499.19	-	27.85	0.00	3471.34
MW - 2	01/07/14	3499.19	-	27.76	0.00	3471.43
MW - 2	01/14/14	3499.19	-	27.89	0.00	3471.30
MW - 2	01/21/14	3499.19	-	27.77	0.00	3471.42
MW - 2	01/31/14	3499.19	-	27.76	0.00	3471.43
MW - 2	02/10/14	3499.19	-	27.78	0.00	3471.41
MW - 2	02/27/14	3499.19	-	27.64	0.00	3471.55
MW - 2	03/06/14	3499.19	-	28.68	0.00	3470.51
MW - 2	03/13/14	3499.19	-	27.78	0.00	3471.41
MW - 2	03/25/14	3499.19	-	27.81	0.00	3471.38
MW - 2	04/03/14	3499.19	-	27.70	0.00	3471.49
MW - 2	04/07/14	3499.19	-	27.73	0.00	3471.46

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	04/14/14	3499.19	-	27.89	0.00	3471.30
MW - 2	04/23/14	3499.19	-	27.64	0.00	3471.55
MW - 2	04/28/14	3499.19	-	27.74	0.00	3471.45
MW - 2	05/05/14	3499.19	-	27.68	0.00	3471.51
MW - 2	05/14/14	3499.19	-	27.80	0.00	3471.39
MW - 2	05/22/14	3499.19	-	27.85	0.00	3471.34
MW - 2	05/28/14	3499.19	-	27.92	0.00	3471.27
MW - 2	06/02/14	3499.19	-	28.05	0.00	3471.14
MW - 2	06/12/14	3499.19	-	28.29	0.00	3470.90
MW - 2	06/17/14	3499.19	-	28.33	0.00	3470.86
MW - 2	06/25/14	3499.19	-	28.41	0.00	3470.78
MW - 2	06/30/14	3499.19	-	28.42	0.00	3470.77
MW - 2	07/11/14	3499.19	-	28.67	0.00	3470.52
MW - 2	07/14/14	3499.19	-	28.54	0.00	3470.65
MW - 2	07/22/14	3499.19	-	28.63	0.00	3470.56
MW - 2	07/23/14	3499.19	-	28.63	0.00	3470.56
MW - 2	08/05/14	3499.19	-	28.66	0.00	3470.53
MW - 2	08/12/14	3499.19	-	28.78	0.00	3470.41
MW - 2	08/13/14	3499.19	-	28.70	0.00	3470.49
MW - 2	08/27/14	3499.19	-	28.85	0.00	3470.34
MW - 2	09/17/14	3499.19	-	28.50	0.00	3470.69
MW - 2	09/23/14	3499.19	-	28.04	0.00	3471.15
MW - 2	10/10/14	3499.19	-	27.35	0.00	3471.84
MW - 2	10/15/14	3499.19	-	27.23	0.00	3471.96
MW - 2	10/20/14	3499.19	-	27.30	0.00	3471.89
MW - 2	10/27/14	3499.19	-	27.04	0.00	3472.15
MW - 2	11/04/14	3499.19	-	27.18	0.00	3472.01
MW - 2	11/06/14	3499.19	-	27.12	0.00	3472.07
MW - 2	11/11/14	3499.19	-	27.01	0.00	3472.18
MW - 2	11/18/14	3499.19	-	26.80	0.00	3472.39
MW - 2	12/02/14	3499.19	-	26.79	0.00	3472.40
MW - 2	12/09/14	3499.19	-	26.74	0.00	3472.45
MW - 2	12/17/14	3499.19	-	26.69	0.00	3472.50
MW - 2	12/23/14	3499.19	-	26.78	0.00	3472.41
MW - 2	12/30/14	3499.19	-	26.86	0.00	3472.41
MW - 3	02/03/99	3500.05	-	30.36	0.00	3469.69
MW - 3	05/13/99	3500.05	-	29.99	0.00	3470.06
MW - 3	08/24/99	3500.05	-	30.40	0.00	3469.65
MW - 3	11/30/99	3500.05	-	29.87	0.00	3470.18
MW - 3	03/03/00	3500.05	-	29.95	0.00	3470.10
MW - 3	05/16/00	3500.05	-	30.03	0.00	3470.02
MW - 3	09/01/00	3500.05	-	30.56	0.00	3469.49
MW - 3	11/21/00	3500.05	-	30.21	0.00	3469.84
MW - 3	03/05/01	3500.05	-	30.25	0.00	3469.80
MW - 3	05/17/01	3500.05	-	30.05	0.00	3470.00

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	08/27/01	3500.05	-	31.00	0.00	3469.05
MW - 3	10/24/01	3500.05	-	30.40	0.00	3469.65
MW - 3	03/27/02	3500.05	-	29.90	0.00	3470.15
MW - 3	05/14/02	3500.05	-	29.58	0.00	3470.47
MW - 3	06/07/02	3500.05	-	29.68	0.00	3470.37
MW - 3	09/27/02	3500.05	-	29.78	0.00	3470.27
MW - 3	12/04/02	3500.05	-	29.60	0.00	3470.45
MW - 3	02/25/03	3500.05	29.44	29.66	0.22	3470.58
MW - 3	03/06/03	3500.05	29.46	29.65	0.19	3470.56
MW - 3	03/11/03	3500.05	29.51	29.52	0.01	3470.54
MW - 3	03/20/03	3500.05	29.54	29.56	0.02	3470.51
MW - 3	04/02/03	3500.05	29.38	29.39	0.01	3470.67
MW - 3	04/16/03	3500.05	29.53	29.56	0.03	3470.52
MW - 3	04/23/03	3500.05	29.39	29.42	0.03	3470.66
MW - 3	04/29/03	3500.05	29.35	29.39	0.04	3470.69
MW - 3	05/15/03	3500.05	29.51	29.58	0.07	3470.53
MW - 3	05/22/03	3500.05	-	29.62	0.00	3470.43
MW - 3	05/28/03	3500.05	sheen	29.28	0.00	3470.77
MW - 3	06/04/03	3500.05	29.71	29.72	0.01	3470.34
MW - 3	06/10/03	3500.05	30.05	30.10	0.05	3469.99
MW - 3	06/26/03	3500.05	29.62	29.66	0.04	3470.42
MW - 3	07/07/03	3500.05	30.28	30.39	0.11	3469.75
MW - 3	07/30/03	3500.05	30.27	30.36	0.09	3469.77
MW - 3	08/05/03	3500.05	30.67	30.73	0.06	3469.37
MW - 3	08/21/03	3500.05	30.86	30.92	0.06	3469.18
MW - 3	08/26/03	3500.05	30.95	30.98	0.03	3469.10
MW - 3	09/08/03	3500.05	-	31.07	0.00	3468.98
MW - 3	09/15/03	3500.05	-	31.04	0.00	3469.01
MW - 3	09/24/03	3500.05	sheen	31.00	0.00	3469.05
MW - 3	10/02/03	3500.05	sheen	30.94	0.00	3469.11
MW - 3	10/08/03	3500.05	sheen	30.86	0.00	3469.19
MW - 3	10/16/03	3500.05	-	31.17	0.00	3468.88
MW - 3	10/28/03	3500.05	sheen	31.19	0.00	3468.86
MW - 3	11/11/03	3500.05	sheen	31.28	0.00	3468.77
MW - 3	11/18/03	3500.05	sheen	31.08	0.00	3468.97
MW - 3	11/25/03	3500.05	-	29.80	0.00	3470.25
MW - 3	12/08/03	3500.05	sheen	30.87	0.00	3469.18
MW - 3	01/27/04	3500.05	-	31.57	0.00	3468.48
MW - 3	02/02/04	3500.05	-	31.54	0.00	3468.51
MW - 3	02/10/04	3500.05	-	30.87	0.00	3469.18
MW - 3	02/20/04	3500.05	-	31.04	0.00	3469.01
MW - 3	03/04/04	3500.05	-	30.85	0.00	3469.20
MW - 3	03/16/04	3500.05	-	31.17	0.00	3468.88
MW - 3	03/25/04	3500.05	-	31.20	0.00	3468.85
MW - 3	03/31/04	3500.05	31.19	31.20	0.01	3468.86
MW - 3	04/01/04	3500.05	-	31.42	0.00	3468.63

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	04/08/04	3500.05	-	29.29	0.00	3470.76
MW - 3	04/14/04	3500.05	-	29.76	0.00	3470.29
MW - 3	04/22/04	3500.05	28.86	28.87	0.01	3471.19
MW - 3	04/29/04	3500.05	-	28.71	0.00	3471.34
MW - 3	05/05/04	3500.05	-	29.21	0.00	3470.84
MW - 3	05/10/04	3500.05	-	26.82	0.00	3473.23
MW - 3	06/08/04	3500.05	-	28.54	0.00	3471.51
MW - 3	06/17/04	3500.05	sheen	28.71	0.00	3471.34
MW - 3	06/22/04	3500.05	-	28.76	0.00	3471.29
MW - 3	06/25/04	3500.05	-	28.73	0.00	3471.32
MW - 3	06/29/04	3500.05	-	28.69	0.00	3471.36
MW - 3	07/01/04	3500.05	sheen	28.72	0.00	3471.33
MW - 3	07/08/04	3500.05	-	28.72	0.00	3471.33
MW - 3	07/13/04	3500.05	-	28.77	0.00	3471.28
MW - 3	07/20/04	3500.05	-	28.85	0.00	3471.20
MW - 3	08/04/04	3500.05	-	28.87	0.00	3471.18
MW - 3	08/10/04	3500.05	-	28.89	0.00	3471.16
MW - 3	08/17/04	3500.05	sheen	29.00	0.00	3471.05
MW - 3	08/23/04	3500.05	sheen	28.82	0.00	3471.23
MW - 3	08/25/04	3500.05	-	28.88	0.00	3471.17
MW - 3	08/31/04	3500.05	sheen	29.00	0.00	3471.05
MW - 3	09/13/04	3500.05	sheen	28.95	0.00	3471.10
MW - 3	09/20/04	3500.05	sheen	29.00	0.00	3471.05
MW - 3	09/30/04	3500.05	sheen	29.10	0.00	3470.95
MW - 3	10/04/04	3500.05	sheen	28.28	0.00	3471.77
MW - 3	10/11/04	3500.05	sheen	28.10	0.00	3471.95
MW - 3	10/18/04	3500.05	sheen	27.77	0.00	3472.28
MW - 3	10/27/04	3500.05	sheen	27.84	0.00	3472.21
MW - 3	11/02/04	3500.05	sheen	27.70	0.00	3472.35
MW - 3	11/08/04	3500.05	sheen	27.65	0.00	3472.40
MW - 3	11/23/04	3500.05	sheen	27.60	0.00	3472.45
MW - 3	12/01/04	3500.05	sheen	27.35	0.00	3472.70
MW - 3	12/02/04	3500.05	sheen	27.35	0.00	3472.70
MW - 3	12/08/04	3500.05	sheen	27.21	0.00	3472.84
MW - 3	12/14/04	3500.05	sheen	27.30	0.00	3472.75
MW - 3	12/21/04	3500.05	sheen	27.17	0.00	3472.88
MW - 3	12/29/04	3500.05	sheen	27.09	0.00	3472.96
MW - 3	01/11/05	3500.05	sheen	26.97	0.00	3473.08
MW - 3	01/14/05	3500.05	sheen	27.00	0.00	3473.05
MW - 3	01/18/05	3500.05	sheen	27.02	0.00	3473.03
MW - 3	01/21/05	3500.05	sheen	26.89	0.00	3473.16
MW - 3	01/25/05	3500.05	sheen	26.93	0.00	3473.12
MW - 3	01/28/05	3500.05	sheen	26.93	0.00	3473.12
MW - 3	02/02/05	3500.05	sheen	27.03	0.00	3473.02
MW - 3	02/05/05	3500.05	sheen	26.87	0.00	3473.18
MW - 3	02/08/05	3500.05	sheen	26.90	0.00	3473.15

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	02/11/05	3500.05	sheen	26.95	0.00	3473.10
MW - 3	02/15/05	3500.05	sheen	26.93	0.00	3473.12
MW - 3	02/18/05	3500.05	sheen	26.99	0.00	3473.06
MW - 3	02/22/05	3500.05	sheen	26.82	0.00	3473.23
MW - 3	02/25/05	3500.05	sheen	26.92	0.00	3473.13
MW - 3	03/01/05	3500.05	sheen	26.87	0.00	3473.18
MW - 3	03/04/05	3500.05	sheen	26.86	0.00	3473.19
MW - 3	03/08/05	3500.05	sheen	26.74	0.00	3473.31
MW - 3	03/10/05	3500.05	sheen	26.74	0.00	3473.31
MW - 3	03/11/05	3500.05	sheen	26.75	0.00	3473.30
MW - 3	03/15/05	3500.05	sheen	26.73	0.00	3473.32
MW - 3	03/19/05	3500.05	sheen	26.73	0.00	3473.32
MW - 3	03/22/05	3500.05	sheen	26.71	0.00	3473.34
MW - 3	03/28/05	3500.05	sheen	26.65	0.00	3473.40
MW - 3	04/01/05	3500.05	sheen	26.85	0.00	3473.20
MW - 3	04/05/05	3500.05	sheen	26.57	0.00	3473.48
MW - 3	04/08/05	3500.05	sheen	26.58	0.00	3473.47
MW - 3	04/12/05	3500.05	sheen	26.58	0.00	3473.47
MW - 3	04/15/05	3500.05	sheen	26.55	0.00	3473.50
MW - 3	05/25/05	3500.05	sheen	26.25	0.00	3473.80
MW - 3	06/03/05	3500.05	sheen	26.12	0.00	3473.93
MW - 3	06/06/05	3500.05	sheen	26.11	0.00	3473.94
MW - 3	06/10/05	3500.05	-	26.10	0.00	3473.95
MW - 3	06/13/05	3500.05	sheen	26.33	0.00	3473.72
MW - 3	06/20/05	3500.05	sheen	26.37	0.00	3473.68
MW - 3	06/24/05	3500.05	sheen	26.33	0.00	3473.72
MW - 3	06/27/05	3500.05	sheen	26.34	0.00	3473.71
MW - 3	07/18/05	3500.05	sheen	26.68	0.00	3473.37
MW - 3	07/25/05	3500.05	sheen	26.72	0.00	3473.33
MW - 3	08/01/05	3500.05	sheen	26.82	0.00	3473.23
MW - 3	08/04/05	3500.05	sheen	26.83	0.00	3473.22
MW - 3	08/10/05	3500.05	26.84	26.85	0.01	3473.21
MW - 3	08/16/05	3500.05	sheen	26.98	0.00	3473.07
MW - 3	08/23/05	3500.05	sheen	26.75	0.00	3473.30
MW - 3	08/29/05	3500.05	sheen	26.66	0.00	3473.39
MW - 3	09/06/05	3500.05	sheen	26.62	0.00	3473.43
MW - 3	09/09/05	3500.05	26.27	26.28	0.01	3473.78
MW - 3	09/12/05	3500.05	26.58	26.59	0.01	3473.47
MW - 3	09/19/05	3500.05	sheen	26.81	0.00	3473.24
MW - 3	09/27/05	3500.05	sheen	26.84	0.00	3473.21
MW - 3	10/03/05	3500.05	sheen	26.89	0.00	3473.16
MW - 3	10/10/05	3500.05	sheen	26.73	0.00	3473.32
MW - 3	10/17/05	3500.05	sheen	26.70	0.00	3473.35
MW - 3	10/24/05	3500.05	sheen	26.64	0.00	3473.41
MW - 3	11/01/05	3500.05	sheen	26.59	0.00	3473.46
MW - 3	11/08/05	3500.05	sheen	26.64	0.00	3473.41

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	11/15/05	3500.05	sheen	26.65	0.00	3473.40
MW - 3	11/22/05	3500.05	sheen	26.49	0.00	3473.56
MW - 3	11/27/05	3500.05	sheen	26.51	0.00	3473.54
MW - 3	12/05/05	3500.05	-	26.42	0.00	3473.63
MW - 3	12/07/05	3500.05	sheen	26.51	0.00	3473.54
MW - 3	12/16/05	3500.05	sheen	26.40	0.00	3473.65
MW - 3	12/29/05	3500.05	sheen	26.33	0.00	3473.72
MW - 3	01/03/06	3500.05	sheen	26.43	0.00	3473.62
MW - 3	01/09/06	3500.05	sheen	26.50	0.00	3473.55
MW - 3	01/16/06	3500.05	sheen	26.30	0.00	3473.75
MW - 3	01/23/06	3500.05	sheen	26.51	0.00	3473.54
MW - 3	01/30/06	3500.05	sheen	26.53	0.00	3473.52
MW - 3	02/07/06	3500.05	sheen	26.43	0.00	3473.62
MW - 3	02/14/06	3500.05	sheen	26.36	0.00	3473.69
MW - 3	02/21/06	3500.05	sheen	26.34	0.00	3473.71
MW - 3	02/27/06	3500.05	sheen	26.35	0.00	3473.70
MW - 3	03/06/06	3500.05	sheen	26.36	0.00	3473.69
MW - 3	03/09/06	3500.05	sheen	26.27	0.00	3473.78
MW - 3	03/17/06	3500.05	sheen	26.48	0.00	3473.57
MW - 3	03/21/06	3500.05	sheen	26.49	0.00	3473.56
MW - 3	03/28/06	3500.05	sheen	26.50	0.00	3473.55
MW - 3	04/03/06	3500.05	sheen	26.47	0.00	3473.58
MW - 3	04/10/06	3500.05	sheen	26.23	0.00	3473.82
MW - 3	04/17/06	3500.05	sheen	26.22	0.00	3473.83
MW - 3	05/01/06	3500.05	sheen	26.28	0.00	3473.77
MW - 3	05/08/06	3500.05	sheen	26.27	0.00	3473.78
MW - 3	05/15/06	3500.05	sheen	26.55	0.00	3473.50
MW - 3	06/05/06	3500.05	sheen	26.69	0.00	3473.36
MW - 3	06/08/06	3500.05	-	26.86	0.00	3473.19
MW - 3	06/12/06	3500.05	sheen	26.90	0.00	3473.15
MW - 3	06/19/06	3500.05	-	27.70	0.00	3472.35
MW - 3	09/06/06	3500.05	sheen	26.58	0.00	3473.47
MW - 3	09/11/06	3500.05	-	26.61	0.00	3473.44
MW - 3	09/15/06	3500.05	-	26.53	0.00	3473.52
MW - 3	10/09/06	3500.05	sheen	26.55	0.00	3473.50
MW - 3	10/17/06	3500.05	sheen	26.48	0.00	3473.57
MW - 3	11/29/06	3500.05	-	26.30	0.00	3473.75
MW - 3	01/04/07	3500.05	sheen	26.18	0.00	3473.87
MW - 3	02/14/07	3500.05	-	26.31	0.00	3473.74
MW - 3	02/26/07	3500.05	-	26.21	0.00	3473.84
MW - 3	04/03/07	3500.05	-	26.29	0.00	3473.76
MW - 3	04/17/07	3500.05	sheen	26.04	0.00	3474.01
MW - 3	05/21/07	3500.05	-	25.79	0.00	3474.26
MW - 3	08/16/07	3500.05	-	26.53	0.00	3473.52
MW - 3	09/13/07	3500.05	sheen	26.55	0.00	3473.50
MW - 3	11/07/07	3500.05	-	26.24	0.00	3473.81

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	01/09/08	3500.05	-	26.04	0.00	3474.01
MW - 3	01/16/08	3500.05	-	26.19	0.00	3473.86
MW - 3	01/23/08	3500.05	-	26.29	0.00	3473.76
MW - 3	02/08/08	3500.05	-	24.57	0.00	3475.48
MW - 3	02/12/08	3500.05	-	26.31	0.00	3473.74
MW - 3	02/22/08	3500.05	-	26.30	0.00	3473.75
MW - 3	03/05/08	3500.05	-	26.28	0.00	3473.77
MW - 3	06/23/08	3500.05	-	26.90	0.00	3473.15
MW - 3	05/15/08	3500.05	-	26.41	0.00	3473.64
MW - 3	08/18/08	3500.05	-	27.49	0.00	3472.56
MW - 3	09/17/08	3500.05	-	27.18	0.00	3472.87
MW - 3	09/29/08	3500.05	-	27.10	0.00	3472.95
MW - 3	10/06/08	3500.05	-	27.10	0.00	3472.95
MW - 3	10/13/08	3500.05	-	27.18	0.00	3472.87
MW - 3	10/20/08	3500.05	-	27.14	0.00	3472.91
MW - 3	10/29/08	3500.05	-	27.01	0.00	3473.04
MW - 3	11/05/08	3500.05	-	26.88	0.00	3473.17
MW - 3	11/10/08	3500.05	-	26.81	0.00	3473.24
MW - 3	11/13/08	3500.05	-	26.88	0.00	3473.17
MW - 3	12/03/08	3500.05	-	27.94	0.00	3472.11
MW - 3	12/16/08	3500.05	-	26.89	0.00	3473.16
MW - 3	12/30/08	3500.05	sheen	26.91	0.00	3473.14
MW - 3	01/06/09	3500.05			0.00	3500.05
MW - 3	02/11/09	3500.05	-	26.94	0.00	3473.11
MW - 3	02/24/09	3500.05	-	26.89	0.00	3473.16
MW - 3	03/04/09	3500.05	-	26.84	0.00	3473.21
MW - 3	03/17/09	3500.05	-	26.92	0.00	3473.13
MW - 3	03/25/09	3500.05	-	26.89	0.00	3473.16
MW - 3	04/08/09	3500.05	-	26.91	0.00	3473.14
MW - 3	04/15/09	3500.05	-	26.41	0.00	3473.64
MW - 3	04/29/09	3500.05	-	26.40	0.00	3473.65
MW - 3	05/13/09	3500.05	-	26.94	0.00	3473.11
MW - 3	06/10/09	3500.05	-	26.83	0.00	3473.22
MW - 3	06/12/09	3500.05	-	27.39	0.00	3472.66
MW - 3	06/18/09	3500.05	-	26.82	0.00	3473.23
MW - 3	07/02/09	3500.05	-	27.61	0.00	3472.44
MW - 3	07/08/09	3500.05	-	26.66	0.00	3473.39
MW - 3	07/14/09	3500.05	-	26.03	0.00	3474.02
MW - 3	07/20/09	3500.05	-	26.05	0.00	3474.00
MW - 3	07/27/09	3500.05	-	26.05	0.00	3474.00
MW - 3	08/03/09	3500.05	-	27.67	0.00	3472.38
MW - 3	08/10/09	3500.05	-	27.81	0.00	3472.24
MW - 3	08/11/09	3500.05	-	27.81	0.00	3472.24
MW - 3	08/24/09	3500.05	-	27.97	0.00	3472.08
MW - 3	08/31/09	3500.05	-	28.04	0.00	3472.01
MW - 3	09/03/09	3500.05	-	27.99	0.00	3472.06

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	09/08/09	3500.05	-	28.12	0.00	3471.93
MW - 3	09/10/09	3500.05	-	28.15	0.00	3471.90
MW - 3	09/16/09	3500.05	-	28.10	0.00	3471.95
MW - 3	09/22/09	3500.05	-	28.22	0.00	3471.83
MW - 3	09/29/09	3500.05	-	26.07	0.00	3473.98
MW - 3	10/02/09	3500.05	-	28.11	0.00	3471.94
MW - 3	10/07/09	3500.05	-	28.11	0.00	3471.94
MW - 3	10/12/09	3500.05	-	26.67	0.00	3473.38
MW - 3	10/16/09	3500.05	-	28.09	0.00	3471.96
MW - 3	10/20/09	3500.05	-	26.67	0.00	3473.38
MW - 3	10/26/09	3500.05	-	26.67	0.00	3473.38
MW - 3	10/28/09	3500.05	-	28.04	0.00	3472.01
MW - 3	11/04/09	3500.05	-	28.21	0.00	3471.84
MW - 3	11/12/09	3500.05	-	28.02	0.00	3472.03
MW - 3	11/23/09	3500.05	-	28.09	0.00	3471.96
MW - 3	12/03/09	3500.05	sheen	28.17	0.00	3471.88
MW - 3	12/16/09	3500.05	sheen	28.15	0.00	3471.90
MW - 3	12/21/09	3500.05	-	27.99	0.00	3472.06
MW - 3	12/28/09	3500.05	-	26.65	0.00	3473.40
MW - 3	01/05/10	3500.05	-	28.09	0.00	3471.96
MW - 3	01/20/10	3500.05	-	26.63	0.00	3473.42
MW - 3	01/25/10	3500.05	-	26.63	0.00	3473.42
MW - 3	01/27/10	3500.05	sheen	28.15	0.00	3471.90
MW - 3	02/10/10	3500.05	-	28.16	0.00	3471.89
MW - 3	03/01/10	3500.05	-	26.64	0.00	3473.41
MW - 3	03/09/10	3500.05	-	28.18	0.00	3471.87
MW - 3	03/11/10	3500.05	-	28.15	0.00	3471.90
MW - 3	05/25/10	3500.05	-	27.69	0.00	3472.36
MW - 3	06/07/10	3500.05	-	28.00	0.00	3472.05
MW - 3	06/12/10	3500.05	-	27.72	0.00	3472.33
MW - 3	06/25/10	3500.05	-	28.18	0.00	3471.87
MW - 3	07/07/10	3500.05	-	27.75	0.00	3472.30
MW - 3	07/12/10	3500.05	-	27.96	0.00	3472.09
MW - 3	07/26/10	3500.05	DID NOT GAUGE		0.00	3500.05
MW - 3	08/03/10	3500.05	-	27.14	0.00	3472.91
MW - 3	08/13/10	3500.05	-	27.15	0.00	3472.90
MW - 3	08/19/10	3500.05	-	27.16	0.00	3472.89
MW - 3	08/25/10	3500.05	-	27.21	0.00	3472.84
MW - 3	09/01/10	3500.05	-	27.15	0.00	3472.90
MW - 3	09/09/10	3500.05	-	27.21	0.00	3472.84
MW - 3	09/13/10	3500.05	-	27.17	0.00	3472.88
MW - 3	09/29/10	3500.05	-	27.20	0.00	3472.85
MW - 3	10/05/10	3500.05	-	27.19	0.00	3472.86
MW - 3	10/25/10	3500.05	-	27.17	0.00	3472.88
MW - 3	11/03/10	3500.05	-	27.18	0.00	3472.87
MW - 3	11/10/10	3500.05	-	26.31	0.00	3473.74

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	11/18/10	3500.05	-	26.31	0.00	3473.74
MW - 3	12/09/10	3500.05	-	27.17	0.00	3472.88
MW - 3	01/18/11	3500.05	-	26.31	0.00	3473.74
MW - 3	02/22/11	3500.05	-	26.29	0.00	3473.76
MW - 3	03/01/11	3500.05	sheen	27.69	0.00	3472.36
MW - 3	03/07/11	3500.05	sheen	27.43	0.00	3472.62
MW - 3	03/22/11	3500.05	-	26.28	0.00	3473.77
MW - 3	04/27/11	3500.05	sheen	27.70	0.00	3472.35
MW - 3	05/05/11	3500.05	sheen	27.75	0.00	3472.30
MW - 3	05/10/11	3500.05	sheen	27.73	0.00	3472.32
MW - 3	05/17/11	3500.05	sheen	27.73	0.00	3472.32
MW - 3	05/17/11	3500.05	-	27.73	0.00	3472.32
MW - 3	05/24/11	3500.05	sheen	27.68	0.00	3472.37
MW - 3	06/07/11	3500.05	-	27.81	0.00	3472.24
MW - 3	06/14/11	3500.05	-	27.85	0.00	3472.20
MW - 3	06/23/11	3500.05	-	27.81	0.00	3472.24
MW - 3	06/28/11	3500.05	-	27.87	0.00	3472.18
MW - 3	07/06/11	3500.05	sheen	28.45	0.00	3471.60
MW - 3	07/14/11	3500.05	-	28.43	0.00	3471.62
MW - 3	07/27/11	3500.05	-	28.20	0.00	3471.85
MW - 3	08/03/11	3500.05	-	28.65	0.00	3471.40
MW - 3	08/11/11	3500.05	-	28.80	0.00	3471.25
MW - 3	08/18/11	3500.05	-	28.70	0.00	3471.35
MW - 3	08/25/11	3500.05	-	28.76	0.00	3471.29
MW - 3	09/02/11	3500.05	-	28.80	0.00	3471.25
MW - 3	09/09/11	3500.05	-	28.92	0.00	3471.13
MW - 3	11/08/11	3500.05	-	28.85	0.00	3471.20
MW - 3	12/28/11	3500.05	-	28.72	0.00	3471.33
MW - 3	01/05/12	3500.05	-	28.74	0.00	3471.31
MW - 3	01/18/12	3500.05	-	28.68	0.00	3471.37
MW - 3	01/27/12	3500.05	-	28.72	0.00	3471.33
MW - 3	02/02/12	3500.05	-	28.65	0.00	3471.40
MW - 3	02/10/12	3500.05	-	28.67	0.00	3471.38
MW - 3	02/15/12	3500.05	-	28.70	0.00	3471.35
MW - 3	03/01/12	3500.05	-	28.53	0.00	3471.52
MW - 3	03/07/12	3500.05	-	28.56	0.00	3471.49
MW - 3	03/14/12	3500.05	-	28.58	0.00	3471.47
MW - 3	03/19/12	3500.05	-	28.50	0.00	3471.55
MW - 3	03/26/12	3500.05	-	28.51	0.00	3471.54
MW - 3	04/04/12	3500.05	-	28.54	0.00	3471.51
MW - 3	04/11/12	3500.05	-	28.50	0.00	3471.55
MW - 3	04/17/12	3500.05	-	28.59	0.00	3471.46
MW - 3	04/25/12	3500.05	-	28.47	0.00	3471.58
MW - 3	05/23/12	3500.05	-	28.15	0.00	3471.90
MW - 3	05/31/12	3500.05	-	28.63	0.00	3471.42
MW - 3	06/06/12	3500.05	-	28.66	0.00	3471.39

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	06/13/12	3500.05	-	28.86	0.00	3471.19
MW - 3	06/20/12	3500.05	-	28.63	0.00	3471.42
MW - 3	07/11/12	3500.05	-	28.76	0.00	3471.29
MW - 3	07/18/12	3500.05	-	28.84	0.00	3471.21
MW - 3	08/02/12	3500.05	-	29.03	0.00	3471.02
MW - 3	08/09/12	3500.05	-	29.20	0.00	3470.85
MW - 3	08/16/12	3500.05	-	29.37	0.00	3470.68
MW - 3	10/02/12	3500.05	-	29.41	0.00	3470.64
MW - 3	10/10/12	3500.05	-	29.31	0.00	3470.74
MW - 3	10/17/12	3500.05	-	29.20	0.00	3470.85
MW - 3	10/26/12	3500.05	-	29.37	0.00	3470.68
MW - 3	11/01/12	3500.05	-	29.15	0.00	3470.90
MW - 3	11/19/12	3500.05	-	29.16	0.00	3470.89
MW - 3	12/13/12	3500.05	-	28.65	0.00	3471.40
MW - 3	12/18/12	3500.05	-	28.96	0.00	3471.09
MW - 3	01/08/13	3500.05	-	29.00	0.00	3471.05
MW - 3	01/16/13	3500.05	-	29.09	0.00	3470.96
MW - 3	01/24/13	3500.05	-	29.08	0.00	3470.97
MW - 3	01/30/13	3500.05	-	29.08	0.00	3470.97
MW - 3	02/12/13	3500.05	-	29.00	0.00	3471.05
MW - 3	03/19/13	3500.05	-	28.93	0.00	3471.12
MW - 3	04/02/13	3500.05	-	28.92	0.00	3471.13
MW - 3	04/08/13	3500.05	-	28.80	0.00	3471.25
MW - 3	04/16/13	3500.05	-	28.93	0.00	3471.12
MW - 3	04/23/13	3500.05	-	29.04	0.00	3471.01
MW - 3	05/01/13	3500.05	-	28.97	0.00	3471.08
MW - 3	05/08/13	3500.05	-	28.94	0.00	3471.11
MW - 3	05/15/13	3500.05	-	28.90	0.00	3471.15
MW - 3	05/17/13	3500.05	-	28.91	0.00	3471.14
MW - 3	05/23/13	3500.05	-	28.99	0.00	3471.06
MW - 3	05/29/13	3500.05	-	28.94	0.00	3471.11
MW - 3	06/12/13	3500.05	-	29.27	0.00	3470.78
MW - 3	06/19/13	3500.05	-	29.40	0.00	3470.65
MW - 3	06/27/13	3500.05	-	29.51	0.00	3470.54
MW - 3	07/02/13	3500.05	-	29.59	0.00	3470.46
MW - 3	07/08/13	3500.05	-	29.63	0.00	3470.42
MW - 3	07/15/13	3500.05	-	29.69	0.00	3470.36
MW - 3	07/23/13	3500.05	-	29.62	0.00	3470.43
MW - 3	07/29/13	3500.05	-	29.51	0.00	3470.54
MW - 3	08/07/13	3500.05	-	29.55	0.00	3470.50
MW - 3	08/15/13	3500.05	-	29.85	0.00	3470.20
MW - 3	08/20/13	3500.05	-	29.91	0.00	3470.14
MW - 3	08/28/13	3500.05	-	29.88	0.00	3470.17
MW - 3	09/05/13	3500.05	-	30.02	0.00	3470.03
MW - 3	09/09/13	3500.05	-	29.91	0.00	3470.14
MW - 3	09/18/13	3500.05	-	29.96	0.00	3470.09

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	09/28/13	3500.05	-	30.03	0.00	3470.02
MW - 3	10/01/13	3500.05	-	29.93	0.00	3470.12
MW - 3	10/08/13	3500.05	-	29.92	0.00	3470.13
MW - 3	10/14/13	3500.05	-	29.92	0.00	3470.13
MW - 3	10/23/13	3500.05	-	29.76	0.00	3470.29
MW - 3	10/29/13	3500.05	-	29.66	0.00	3470.39
MW - 3	11/16/13	3500.05	-	29.56	0.00	3470.49
MW - 3	11/27/13	3500.05	-	29.83	0.00	3470.22
MW - 3	12/02/13	3500.05	-	29.53	0.00	3470.52
MW - 3	12/14/13	3500.05	-	29.87	0.00	3470.18
MW - 3	12/19/13	3500.05	-	29.35	0.00	3470.70
MW - 3	12/24/13	3500.05	-	29.55	0.00	3470.50
MW - 3	01/02/14	3500.05	-	29.52	0.00	3470.53
MW - 3	01/07/14	3500.05	-	29.43	0.00	3470.62
MW - 3	01/14/14	3500.05	-	29.55	0.00	3470.50
MW - 3	01/21/14	3500.05	-	29.47	0.00	3470.58
MW - 3	01/31/14	3500.05	-	29.43	0.00	3470.62
MW - 3	02/10/14	3500.05	-	29.45	0.00	3470.60
MW - 3	02/27/14	3500.05	-	29.37	0.00	3470.68
MW - 3	03/06/14	3500.05	-	29.36	0.00	3470.69
MW - 3	03/13/14	3500.05	-	29.40	0.00	3470.65
MW - 3	03/25/14	3500.05	-	29.41	0.00	3470.64
MW - 3	04/03/14	3500.05	-	29.31	0.00	3470.74
MW - 3	04/07/14	3500.05	-	29.37	0.00	3470.68
MW - 3	04/14/14	3500.05	-	29.51	0.00	3470.54
MW - 3	04/23/14	3500.05	-	29.25	0.00	3470.80
MW - 3	04/28/14	3500.05	-	29.36	0.00	3470.69
MW - 3	05/05/14	3500.05	-	29.30	0.00	3470.75
MW - 3	05/14/14	3500.05	-	29.44	0.00	3470.61
MW - 3	05/22/14	3500.05	-	29.47	0.00	3470.58
MW - 3	05/28/14	3500.05	-	29.54	0.00	3470.51
MW - 3	06/02/14	3500.05	-	29.62	0.00	3470.43
MW - 3	06/12/14	3500.05	-	29.88	0.00	3470.17
MW - 3	06/17/14	3500.05	-	29.90	0.00	3470.15
MW - 3	06/25/14	3500.05	-	29.99	0.00	3470.06
MW - 3	06/30/14	3500.05	-	29.95	0.00	3470.10
MW - 3	07/11/14	3500.05	-	30.10	0.00	3469.95
MW - 3	07/14/14	3500.05	-	30.06	0.00	3469.99
MW - 3	07/22/14	3500.05	-	30.10	0.00	3469.95
MW - 3	07/23/14	3500.05	-	30.10	0.00	3469.95
MW - 3	08/05/14	3500.05	-	30.19	0.00	3469.86
MW - 3	08/12/14	3500.05	-	30.29	0.00	3469.76
MW - 3	08/13/14	3500.05	-	30.24	0.00	3469.81
MW - 3	08/27/14	3500.05	-	30.35	0.00	3469.70
MW - 3	09/17/14	3500.05	-	29.99	0.00	3470.06
MW - 3	09/23/14	3500.05	-	29.22	0.00	3470.83

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	10/10/14	3500.05	-	28.55	0.00	3471.50
MW - 3	10/15/14	3500.05	-	28.51	0.00	3471.54
MW - 3	10/20/14	3500.05	-	28.49	0.00	3471.56
MW - 3	10/27/14	3500.05	-	28.42	0.00	3471.63
MW - 3	11/04/14	3500.05	-	28.61	0.00	3471.44
MW - 3	11/06/14	3500.05	-	28.56	0.00	3471.49
MW - 3	11/11/14	3500.05	-	28.44	0.00	3471.61
MW - 3	11/18/14	3500.05	-	28.34	0.00	3471.71
MW - 3	12/02/14	3500.05	-	28.24	0.00	3471.81
MW - 3	12/09/14	3500.05	-	28.27	0.00	3471.78
MW - 3	12/17/14	3500.05	-	28.18	0.00	3471.87
MW - 3	12/23/14	3500.05	-	28.34	0.00	3471.71
MW - 3	12/30/14	3500.05	-	28.43	0.00	3471.62
MW - 4	11/30/99	3498.38	29.16	31.36	2.20	3468.89
MW - 4	03/03/00	3498.38	29.55	30.28	0.73	3468.72
MW - 4	05/16/00	3498.38	29.56	30.33	0.77	3468.70
MW - 4	09/01/00	3498.38	30.11	31.24	1.13	3468.10
MW - 4	11/21/00	3498.38	30.21	31.56	1.35	3467.97
MW - 4	03/05/01	3498.38	29.66	31.52	1.86	3468.44
MW - 4	05/17/01	3498.38	29.42	31.31	1.89	3468.68
MW - 4	08/27/01	3498.38	30.46	32.21	1.75	3467.66
MW - 4	10/24/01	3498.38	29.91	31.28	1.37	3468.26
MW - 4	03/27/02	3498.38	29.38	31.20	1.82	3468.73
MW - 4	05/14/02	3498.38	28.99	30.98	1.99	3469.09
MW - 4	06/07/02	3498.38	29.03	31.38	2.35	3469.00
MW - 4	09/27/02	3498.38	28.97	31.52	2.55	3469.03
MW - 4	10/29/02	3498.38	-	29.82	0.00	3468.56
MW - 4	11/07/02	3498.38	29.56	29.97	0.41	3468.76
MW - 4	12/04/02	3498.38	29.14	30.31	1.17	3469.06
MW - 4	01/07/03	3498.38	sheen	31.55	0.00	3466.83
MW - 4	01/27/03	3498.38	29.07	30.03	0.96	3469.17
MW - 4	02/25/03	3498.38	29.02	30.27	1.25	3469.17
MW - 4	03/06/03	3498.38	24.07	30.46	6.39	3473.35
MW - 4	03/11/03	3498.38	29.04	30.33	1.29	3469.15
MW - 4	03/20/03	3498.38	29.14	30.67	1.53	3469.01
MW - 4	03/25/03	3498.38	sheen	29.18	0.00	3469.20
MW - 4	04/02/03	3498.38	-	29.37	0.00	3469.01
MW - 4	04/16/03	3498.38	-	30.11	0.00	3468.27
MW - 4	04/23/03	3498.38	28.12	28.17	0.05	3470.25
MW - 4	04/29/03	3498.38	28.91	29.08	0.17	3469.44
MW - 4	05/15/03	3498.38	sheen	29.62	0.00	3468.76
MW - 4	05/22/03	3498.38	-	29.83	0.00	3468.55
MW - 4	05/28/03	3498.38	sheen	30.44	0.00	3467.94
MW - 4	06/04/03	3498.38	29.72	29.73	0.01	3468.66
MW - 4	06/08/04	3498.38	27.79	29.68	1.89	3470.31

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	06/10/03	3498.38	sheen	31.24	0.00	3467.14
MW - 4	06/26/03	3498.38	sheen	29.32	0.00	3469.06
MW - 4	07/07/03	3498.38	29.78	30.24	0.46	3468.53
MW - 4	07/30/03	3498.38	29.74	30.23	0.49	3468.57
MW - 4	08/05/03	3498.38	30.11	31.12	1.01	3468.12
MW - 4	08/21/03	3498.38	30.24	31.41	1.17	3467.96
MW - 4	08/26/03	3498.38	30.47	31.50	1.03	3467.76
MW - 4	09/08/03	3498.38	30.22	30.44	0.22	3468.13
MW - 4	09/15/03	3498.38	30.46	30.91	0.45	3467.85
MW - 4	09/24/03	3498.38	28.69	29.89	1.20	3469.51
MW - 4	10/02/03	3498.38	30.31	31.45	1.14	3467.90
MW - 4	10/08/03	3498.38	30.34	31.46	1.12	3467.87
MW - 4	10/16/03	3498.38	30.54	31.73	1.19	3467.66
MW - 4	10/28/03	3498.38	30.56	31.74	1.18	3467.64
MW - 4	11/11/03	3498.38	sheen	30.87	0.00	3467.54
MW - 4	11/18/03	3498.38	-	30.72	0.00	3467.66
MW - 4	11/25/03	3498.38	sheen	30.51	0.00	3467.87
MW - 4	12/08/03	3498.38	sheen	30.58	0.00	3467.80
MW - 4	01/27/04	3498.38	31.12	31.15	0.03	3467.26
MW - 4	02/02/04	3498.38	31.11	31.14	0.03	3467.27
MW - 4	02/10/04	3498.38	30.49	30.68	0.19	3467.86
MW - 4	02/20/04	3498.38	30.59	30.64	0.05	3467.78
MW - 4	03/04/04	3498.38	30.45	30.70	0.25	3467.89
MW - 4	03/16/04	3498.38	31.15	31.19	0.04	3467.22
MW - 4	03/25/04	3498.38	31.17	31.19	0.02	3467.21
MW - 4	03/31/04	3498.38	31.16	31.18	0.02	3467.22
MW - 4	04/01/04	3498.38	30.96	30.99	0.03	3467.42
MW - 4	04/08/04	3498.38	-	29.21	0.00	3469.17
MW - 4	04/14/04	3498.38	28.75	29.24	0.49	3469.56
MW - 4	04/16/04	3498.38	28.84	29.42	0.58	3469.45
MW - 4	04/22/04	3498.38	28.01	29.02	1.01	3470.22
MW - 4	04/29/04	3498.38	28.03	29.33	1.30	3470.16
MW - 4	05/05/04	3498.38	28.32	29.69	1.37	3469.85
MW - 4	05/10/04	3498.38	27.93	29.07	1.14	3470.28
MW - 4	06/08/04	3498.38	27.79	29.68	1.89	3470.31
MW - 4	06/17/04	3498.38	28.01	29.93	1.92	3470.08
MW - 4	06/22/04	3498.38	28.03	29.91	1.88	3470.07
MW - 4	06/25/04	3498.38	28.01	29.90	1.89	3470.09
MW - 4	06/29/04	3498.38	27.94	29.87	1.93	3470.15
MW - 4	07/01/04	3498.38	27.98	29.84	1.86	3470.12
MW - 4	07/08/04	3498.38	27.89	27.91	0.02	3470.49
MW - 4	07/13/04	3498.38	28.04	29.88	1.84	3470.06
MW - 4	07/20/04	3498.38	28.09	30.39	2.30	3469.95
MW - 4	08/04/04	3498.38	28.10	30.38	2.28	3469.94
MW - 4	08/10/04	3498.38	28.11	30.36	2.25	3469.93
MW - 4	08/17/04	3498.38	28.26	30.29	2.03	3469.82

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	08/23/04	3498.38	28.08	30.14	2.06	3469.99
MW - 4	08/25/04	3498.38	28.13	30.24	2.11	3469.93
MW - 4	08/31/04	3498.38	28.24	30.38	2.14	3469.82
MW - 4	09/13/04	3498.38	28.22	29.65	1.43	3469.95
MW - 4	09/20/04	3498.38	28.30	29.95	1.65	3469.83
MW - 4	09/30/04	3498.38	28.45	30.01	1.56	3469.70
MW - 4	10/04/04	3498.38	27.52	29.40	1.88	3470.58
MW - 4	10/11/04	3498.38	27.29	29.17	1.88	3470.81
MW - 4	10/18/04	3498.38	27.40	28.94	1.54	3470.75
MW - 4	10/27/04	3498.38	27.59	28.97	1.38	3470.58
MW - 4	11/02/04	3498.38	26.91	29.25	2.34	3471.12
MW - 4	11/08/04	3498.38	26.90	29.40	2.50	3471.11
MW - 4	11/15/04	3498.38	26.81	29.29	2.48	3471.20
MW - 4	11/23/04	3498.38	26.69	28.78	2.09	3471.38
MW - 4	12/01/04	3498.38	26.35	28.72	2.37	3471.67
MW - 4	12/02/04	3498.38	26.35	28.72	2.37	3471.67
MW - 4	12/08/04	3498.38	26.49	29.00	2.51	3471.51
MW - 4	12/14/04	3498.38	26.53	28.44	1.91	3471.56
MW - 4	12/21/04	3498.38	26.35	27.80	1.45	3471.81
MW - 4	12/29/04	3498.38	26.19	27.42	1.23	3472.01
MW - 4	02/11/05	3498.38	sheen	26.43	0.00	3471.95
MW - 4	02/15/05	3498.38	sheen	26.63	0.00	3471.75
MW - 4	02/18/05	3498.38	sheen	26.90	0.00	3471.48
MW - 4	02/22/05	3498.38	sheen	26.60	0.00	3471.78
MW - 4	02/25/05	3498.38	sheen	26.56	0.00	3471.82
MW - 4	03/01/05	3498.38	sheen	26.47	0.00	3471.91
MW - 4	03/04/05	3498.38	sheen	26.45	0.00	3471.93
MW - 4	03/08/05	3498.38	sheen	26.37	0.00	3472.01
MW - 4	03/10/05	3498.38	26.33	26.37	0.04	3472.04
MW - 4	03/11/05	3498.38	sheen	26.39	0.00	3471.99
MW - 4	03/15/05	3498.38	sheen	26.58	0.00	3471.80
MW - 4	03/19/05	3498.38	sheen	26.35	0.00	3472.03
MW - 4	03/22/05	3498.38	sheen	26.44	0.00	3471.94
MW - 4	03/28/05	3498.38	sheen	26.24	0.00	3472.14
MW - 4	04/01/05	3498.38	sheen	26.77	0.00	3471.61
MW - 4	04/05/05	3498.38	sheen	26.34	0.00	3472.04
MW - 4	04/08/05	3498.38	sheen	26.37	0.00	3472.01
MW - 4	04/12/05	3498.38	sheen	26.33	0.00	3472.05
MW - 4	04/15/05	3498.38	sheen	26.34	0.00	3472.04
MW - 4	05/25/05	3498.38	sheen	25.94	0.00	3472.44
MW - 4	06/03/05	3498.38	sheen	25.92	0.00	3472.46
MW - 4	06/06/05	3498.38	sheen	25.95	0.00	3472.43
MW - 4	06/10/05	3498.38	25.67	25.68	0.01	3472.71
MW - 4	06/13/05	3498.38	sheen	26.03	0.00	3472.35
MW - 4	06/20/05	3498.38	sheen	26.09	0.00	3472.29
MW - 4	06/24/05	3498.38	sheen	25.94	0.00	3472.44

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	06/27/05	3498.38	sheen	26.06	0.00	3472.32
MW - 4	07/18/05	3498.38	sheen	26.30	0.00	3472.08
MW - 4	07/25/05	3498.38	sheen	26.48	0.00	3471.90
MW - 4	08/01/05	3498.38	sheen	26.78	0.00	3471.60
MW - 4	08/04/05	3498.38	sheen	26.72	0.00	3471.66
MW - 4	08/10/05	3498.38	26.58	26.59	0.01	3471.80
MW - 4	08/16/05	3498.38	sheen	26.75	0.00	3471.63
MW - 4	08/23/05	3498.38	sheen	26.29	0.00	3472.09
MW - 4	08/29/05	3498.38	sheen	26.24	0.00	3472.14
MW - 4	09/06/05	3498.38	26.08	26.12	0.04	3472.29
MW - 4	09/09/05	3498.38	26.03	26.07	0.04	3472.34
MW - 4	09/12/05	3498.38	26.04	26.10	0.06	3472.33
MW - 4	09/19/05	3498.38	26.28	26.40	0.12	3472.08
MW - 4	09/27/05	3498.38	26.33	26.45	0.12	3472.03
MW - 4	10/03/05	3498.38	26.38	26.50	0.12	3471.98
MW - 4	10/10/05	3498.38	26.13	26.15	0.02	3472.25
MW - 4	10/17/05	3498.38	26.10	26.15	0.05	3472.27
MW - 4	10/24/05	3498.38	26.13	26.17	0.04	3472.24
MW - 4	11/01/05	3498.38	26.14	26.19	0.05	3472.23
MW - 4	11/08/05	3498.38	26.19	26.23	0.04	3472.18
MW - 4	11/15/05	3498.38	25.13	25.24	0.11	3473.23
MW - 4	11/22/05	3498.38	25.90	26.10	0.20	3472.45
MW - 4	11/27/05	3498.38	25.90	26.01	0.11	3472.46
MW - 4	12/05/05	3498.38	25.86	26.04	0.18	3472.49
MW - 4	12/07/05	3498.38	25.98	26.18	0.20	3472.37
MW - 4	12/16/05	3498.38	25.80	26.00	0.20	3472.55
MW - 4	12/29/05	3498.38	25.87	26.05	0.18	3472.48
MW - 4	01/03/06	3498.38	25.82	26.00	0.18	3472.53
MW - 4	01/09/06	3498.38	25.96	26.26	0.30	3472.38
MW - 4	01/16/06	3498.38	25.68	25.80	0.12	3472.68
MW - 4	01/23/06	3498.38	25.93	26.20	0.27	3472.41
MW - 4	01/30/06	3498.38	26.02	26.10	0.08	3472.35
MW - 4	02/07/06	3498.38	25.96	26.10	0.14	3472.40
MW - 4	02/14/06	3498.38	24.74	24.92	0.18	3473.61
MW - 4	02/21/06	3498.38	25.80	25.90	0.10	3472.57
MW - 4	02/27/06	3498.38	25.75	25.97	0.22	3472.60
MW - 4	03/06/06	3498.38	25.80	26.02	0.22	3472.55
MW - 4	03/09/06	3498.38	25.64	25.80	0.16	3472.72
MW - 4	03/17/06	3498.38	25.86	26.10	0.24	3472.48
MW - 4	03/21/06	3498.38	25.94	26.21	0.27	3472.40
MW - 4	03/28/06	3498.38	26.00	26.18	0.18	3472.35
MW - 4	04/03/06	3498.38	25.93	26.20	0.27	3472.41
MW - 4	04/10/06	3498.38	25.63	25.84	0.21	3472.72
MW - 4	04/17/06	3498.38	25.63	25.83	0.20	3472.72
MW - 4	05/01/06	3498.38	25.70	25.93	0.23	3472.65
MW - 4	05/08/06	3498.38	25.68	25.88	0.20	3472.67

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	05/15/06	3498.38	26.03	26.22	0.19	3472.32
MW - 4	06/05/06	3498.38	26.13	26.42	0.29	3472.21
MW - 4	06/08/06	3498.38	26.34	26.54	0.20	3472.01
MW - 4	06/12/06	3498.38	26.40	26.64	0.24	3471.94
MW - 4	06/19/06	3498.38	26.50	26.70	0.20	3471.85
MW - 4	07/03/06	3498.38	26.64	26.81	0.17	3471.71
MW - 4	07/10/06	3498.38	26.58	26.72	0.14	3471.78
MW - 4	07/17/06	3498.38	26.61	26.76	0.15	3471.75
MW - 4	07/26/06	3498.38	26.67	26.87	0.20	3471.68
MW - 4	07/31/06	3498.38	26.69	26.86	0.17	3471.66
MW - 4	08/07/06	3498.38	26.81	26.99	0.18	3471.54
MW - 4	08/17/06	3498.38	26.83	26.93	0.10	3471.54
MW - 4	08/21/06	3498.38	26.89	26.94	0.05	3471.48
MW - 4	09/06/06	3498.38	26.13	26.23	0.10	3472.24
MW - 4	09/11/06	3498.38	26.10	26.26	0.16	3472.26
MW - 4	09/15/06	3498.38	25.99	26.06	0.07	3472.38
MW - 4	10/02/06	3498.38	26.01	26.05	0.04	3472.36
MW - 4	10/09/06	3498.38	25.98	26.19	0.21	3472.37
MW - 4	10/17/06	3498.38	25.95	26.08	0.13	3472.41
MW - 4	10/23/06	3498.38	25.97	26.01	0.04	3472.40
MW - 4	10/30/06	3498.38	25.95	25.98	0.03	3472.43
MW - 4	11/06/06	3498.38	25.94	25.96	0.02	3472.44
MW - 4	11/13/06	3498.38	25.91	25.94	0.03	3472.47
MW - 4	11/20/06	3498.38	sheen	26.69	0.00	3471.69
MW - 4	11/27/06	3498.38	26.55	26.56	0.01	3471.83
MW - 4	11/29/06	3498.38	26.56	26.57	0.01	3471.82
MW - 4	12/04/06	3498.38	sheen	25.31	0.00	3473.07
MW - 4	12/12/06	3498.38	25.85	25.87	0.02	3472.53
MW - 4	12/18/06	3498.38	25.93	25.98	0.05	3472.44
MW - 4	01/04/07	3498.38	25.60	25.70	0.10	3472.77
MW - 4	01/11/07	3498.38	25.68	25.78	0.10	3472.69
MW - 4	01/18/07	3498.38	25.85	25.98	0.13	3472.51
MW - 4	01/22/07	3498.38	25.85	26.00	0.15	3472.51
MW - 4	01/31/07	3498.38	25.65	25.70	0.05	3472.72
MW - 4	02/07/07	3498.38	25.74	25.81	0.07	3472.63
MW - 4	02/14/07	3498.38	25.71	25.90	0.19	3472.64
MW - 4	02/26/07	3498.38	25.71	25.94	0.23	3472.64
MW - 4	03/07/07	3498.38	25.84	26.03	0.19	3472.51
MW - 4	04/03/07	3498.38	25.65	25.73	0.08	3472.72
MW - 4	04/09/07	3498.38	25.30	25.35	0.05	3473.07
MW - 4	04/17/07	3498.38	25.39	25.47	0.08	3472.98
MW - 4	05/07/07	3498.38	25.56	25.65	0.09	3472.81
MW - 4	05/17/07	3498.38	25.27	25.34	0.07	3473.10
MW - 4	05/21/07	3498.38	25.02	25.06	0.04	3473.35
MW - 4	05/22/07	3498.38	25.02	25.06	0.04	3473.35
MW - 4	06/01/07	3498.38	25.08	25.13	0.05	3473.29

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	06/11/07	3498.38	25.26	25.39	0.13	3473.10
MW - 4	06/19/07	3498.38	sheen	25.69	0.00	3472.69
MW - 4	06/25/07	3498.38	sheen	25.71	0.00	3472.67
MW - 4	07/03/07	3498.38	sheen	25.66	0.00	3472.72
MW - 4	07/23/07	3498.38	sheen	25.99	0.00	3472.39
MW - 4	07/30/07	3498.38	sheen	26.09	0.00	3472.29
MW - 4	08/06/07	3498.38	sheen	26.11	0.00	3472.27
MW - 4	08/13/07	3498.38	sheen	26.21	0.00	3472.17
MW - 4	08/16/07	3498.38	sheen	26.21	0.00	3472.17
MW - 4	09/13/07	3498.38	sheen	26.32	0.00	3472.06
MW - 4	09/18/07	3498.38	sheen	26.14	0.00	3472.24
MW - 4	09/24/07	3498.38	sheen	25.06	0.00	3473.32
MW - 4	10/01/07	3498.38	sheen	25.96	0.00	3472.42
MW - 4	10/08/07	3498.38	sheen	25.98	0.00	3472.40
MW - 4	10/15/07	3498.38	sheen	25.92	0.00	3472.46
MW - 4	11/05/07	3498.38	sheen	25.82	0.00	3472.56
MW - 4	11/07/07	3498.38	sheen	25.91	0.00	3472.47
MW - 4	11/12/07	3498.38	sheen	25.86	0.00	3472.52
MW - 4	11/19/07	3498.38	sheen	25.91	0.00	3472.47
MW - 4	11/28/07	3498.38	sheen	25.81	0.00	3472.57
MW - 4	12/03/07	3498.38	sheen	24.71	0.00	3473.67
MW - 4	12/14/07	3498.38	sheen	25.80	0.00	3472.58
MW - 4	01/09/08	3498.38	-	25.76	0.00	3472.62
MW - 4	01/16/08	3498.38	-	25.63	0.00	3472.75
MW - 4	01/24/08	3498.38	-	25.80	0.00	3472.58
MW - 4	02/08/08	3498.38	-	25.88	0.00	3472.50
MW - 4	02/12/08	3498.38	-	25.92	0.00	3472.46
MW - 4	02/22/08	3498.38	-	25.92	0.00	3472.46
MW - 4	03/05/08	3498.38	-	25.65	0.00	3472.73
MW - 4	03/19/08	3498.38	-	25.98	0.00	3472.40
MW - 4	04/03/08	3498.38	-	25.91	0.00	3472.47
MW - 4	04/14/08	3498.38	-	26.30	0.00	3472.08
MW - 4	05/14/08	3498.38	-	26.16	0.00	3472.22
MW - 4	06/09/08	3498.38	-	26.33	0.00	3472.05
MW - 4	06/23/08	3498.38	-	26.34	0.00	3472.04
MW - 4	07/22/08	3498.38	-	26.93	0.00	3471.45
MW - 4	08/04/08	3498.38	-	26.94	0.00	3471.44
MW - 4	08/18/08	3498.38	-	27.06	0.00	3471.32
MW - 4	08/18/08	3498.38	-	27.06	0.00	3471.32
MW - 4	09/02/08	3498.38	-	27.02	0.00	3471.36
MW - 4	09/17/08	3498.38	-	26.76	0.00	3471.62
MW - 4	09/29/08	3498.38	-	26.75	0.00	3471.63
MW - 4	10/06/08	3498.38	-	26.73	0.00	3471.65
MW - 4	10/13/08	3498.38	-	26.87	0.00	3471.51
MW - 4	10/20/08	3498.38	-	26.78	0.00	3471.60
MW - 4	10/29/08	3498.38	-	26.73	0.00	3471.65

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
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LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	11/05/08	3498.38	-	26.49	0.00	3471.89
MW - 4	11/10/08	3498.38	-	26.49	0.00	3471.89
MW - 4	11/13/08	3498.38	-	26.48	0.00	3471.90
MW - 4	12/03/08	3498.38	-	26.62	0.00	3471.76
MW - 4	12/16/08	3498.38	-	26.61	0.00	3471.77
MW - 4	12/30/08	3498.38	-	26.98	0.00	3471.40
MW - 4	01/06/09	3498.38	-	-	-	-
MW - 4	02/11/09	3498.38	-	26.70	0.00	3471.68
MW - 4	02/24/09	3498.38	-	27.48	0.00	3470.90
MW - 4	03/04/09	3498.38	-	26.89	0.00	3471.49
MW - 4	03/17/09	3498.38	-	26.72	0.00	3471.66
MW - 4	03/25/09	3498.38	-	26.69	0.00	3471.69
MW - 4	04/08/09	3498.38	-	26.62	0.00	3471.76
MW - 4	04/15/09	3498.38	-	26.72	0.00	3471.66
MW - 4	04/15/09	3498.38	-	26.69	0.00	3471.69
MW - 4	05/13/09	3498.38	-	26.68	0.00	3471.70
MW - 4	06/01/09	3498.38	-	22.22	0.00	3476.16
MW - 4	06/10/09	3498.38	-	26.70	0.00	3471.68
MW - 4	06/12/09	3498.38	-	27.04	0.00	3471.34
MW - 4	06/18/09	3498.38	-	26.73	0.00	3471.65
MW - 4	06/24/09	3498.38	-	27.33	0.00	3471.05
MW - 4	07/02/09	3498.38	-	27.30	0.00	3471.08
MW - 4	07/08/09	3498.38	-	27.23	0.00	3471.15
MW - 4	07/14/09	3498.38	-	27.43	0.00	3470.95
MW - 4	07/20/09	3498.38	-	27.44	0.00	3470.94
MW - 4	07/27/09	3498.38	-	27.43	0.00	3470.95
MW - 4	08/03/09	3498.38	-	27.41	0.00	3470.97
MW - 4	08/10/09	3498.38	-	27.37	0.00	3471.01
MW - 4	08/11/09	3498.38	-	27.37	0.00	3471.01
MW - 4	08/18/09	3498.38	-	27.60	0.00	3470.78
MW - 4	08/24/09	3498.38	-	27.56	0.00	3470.82
MW - 4	08/31/09	3498.38	-	27.59	0.00	3470.79
MW - 4	09/03/09	3498.38	-	27.57	0.00	3470.81
MW - 4	09/08/09	3498.38	-	27.63	0.00	3470.75
MW - 4	09/10/09	3498.38	-	27.73	0.00	3470.65
MW - 4	09/16/09	3498.38	-	27.68	0.00	3470.70
MW - 4	09/22/09	3498.38	-	27.81	0.00	3470.57
MW - 4	09/29/09	3498.38	-	27.85	0.00	3470.53
MW - 4	10/02/09	3498.38	-	27.64	0.00	3470.74
MW - 4	10/07/09	3498.38	-	27.68	0.00	3470.70
MW - 4	10/12/09	3498.38	-	27.43	0.00	3470.95
MW - 4	10/16/09	3498.38	-	27.68	0.00	3470.70
MW - 4	10/20/09	3498.38	-	27.24	0.00	3471.14
MW - 4	10/26/09	3498.38	-	27.22	0.00	3471.16
MW - 4	10/28/09	3498.38	-	27.64	0.00	3470.74
MW - 4	11/04/09	3498.38	-	27.86	0.00	3470.52

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	11/12/09	3498.38	-	27.70	0.00	3470.68
MW - 4	11/23/09	3498.38	-	27.71	0.00	3470.67
MW - 4	12/03/09	3498.38	-	27.75	0.00	3470.63
MW - 4	12/16/09	3498.38	-	27.79	0.00	3470.59
MW - 4	12/21/09	3498.38	-	27.74	0.00	3470.64
MW - 4	12/28/09	3498.38	-	27.22	0.00	3471.16
MW - 4	01/05/10	3498.38	-	27.76	0.00	3470.62
MW - 4	01/20/10	3498.38	-	27.26	0.00	3471.12
MW - 4	01/25/10	3498.38	-	27.24	0.00	3471.14
MW - 4	01/27/10	3498.38	-	27.80	0.00	3470.58
MW - 4	02/10/10	3498.38	-	27.81	0.00	3470.57
MW - 4	03/01/10	3498.38	-	27.24	0.00	3471.14
MW - 4	03/09/10	3498.38	-	27.82	0.00	3470.56
MW - 4	03/11/10	3498.38	-	27.81	0.00	3470.57
MW - 4	05/25/10	3498.38	-	27.44	0.00	3470.94
MW - 4	06/07/10	3498.38	-	27.64	0.00	3470.74
MW - 4	06/12/10	3498.38	-	27.75	0.00	3470.63
MW - 4	06/25/10	3498.38	-	27.82	0.00	3470.56
MW - 4	07/07/10	3498.38	-	26.60	0.00	3471.78
MW - 4	07/12/10	3498.38	-	26.24	0.00	3472.14
MW - 4	07/26/10	3498.38	DID NOT GAUGE		0.00	3498.38
MW - 4	08/03/10	3498.38	-	26.55	0.00	3471.83
MW - 4	08/13/10	3498.38	-	26.70	0.00	3471.68
MW - 4	08/19/10	3498.38	-	26.65	0.00	3471.73
MW - 4	08/25/10	3498.38	-	26.86	0.00	3471.52
MW - 4	09/01/10	3498.38	-	26.80	0.00	3471.58
MW - 4	09/09/10	3498.38	-	26.76	0.00	3471.62
MW - 4	09/13/10	3498.38	-	26.71	0.00	3471.67
MW - 4	09/29/10	3498.38	-	26.87	0.00	3471.51
MW - 4	10/05/10	3498.38	-	26.71	0.00	3471.67
MW - 4	10/25/10	3498.38	sheen	26.73	0.00	3471.65
MW - 4	11/03/10	3498.38	sheen	26.72	0.00	3471.66
MW - 4	11/10/10	3498.38	sheen	27.05	0.00	3471.33
MW - 4	11/18/10	3498.38	sheen	27.05	0.00	3471.33
MW - 4	12/09/10	3498.38	sheen	26.73	0.00	3471.65
MW - 4	01/18/11	3498.38	sheen	27.05	0.00	3471.33
MW - 4	02/22/11	3498.38	sheen	27.02	0.00	3471.36
MW - 4	03/01/11	3498.38	sheen	27.71	0.00	3470.67
MW - 4	03/07/11	3498.38	sheen	27.00	0.00	3471.38
MW - 4	03/22/11	3498.38	sheen	27.05	0.00	3471.33
MW - 4	04/27/11	3498.38	-	27.65	0.00	3470.73
MW - 4	05/05/11	3498.38	sheen	27.39	0.00	3470.99
MW - 4	05/10/11	3498.38	sheen	27.30	0.00	3471.08
MW - 4	05/17/11	3498.38	sheen	27.02	0.00	3471.36
MW - 4	05/17/11	3498.38	sheen	27.02	0.00	3471.36
MW - 4	05/24/11	3498.38	sheen	27.03	0.00	3471.35

TABLE 1
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PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	06/07/11	3498.38	-	27.49	0.00	3470.89
MW - 4	06/14/11	3498.38	-	27.38	0.00	3471.00
MW - 4	06/23/11	3498.38	-	27.39	0.00	3470.99
MW - 4	06/28/11	3498.38	-	27.51	0.00	3470.87
MW - 4	07/06/11	3498.38	sheen	28.07	0.00	3470.31
MW - 4	07/14/11	3498.38	-	27.96	0.00	3470.42
MW - 4	07/27/11	3498.38	-	28.03	0.00	3470.35
MW - 4	08/03/11	3498.38	-	28.25	0.00	3470.13
MW - 4	08/11/11	3498.38	-	28.58	0.00	3469.80
MW - 4	08/18/11	3498.38	-	28.38	0.00	3470.00
MW - 4	08/25/11	3498.38	-	28.45	0.00	3469.93
MW - 4	09/02/11	3498.38	-	28.47	0.00	3469.91
MW - 4	09/07/11	3498.38	-	28.47	0.00	3469.91
MW - 4	09/09/11	3498.38	-	28.59	0.00	3469.79
MW - 4	11/08/11	3498.38	-	28.48	0.00	3469.90
MW - 4	12/28/11	3498.38	-	28.45	0.00	3469.93
MW - 4	01/05/12	3498.38	-	28.44	0.00	3469.94
MW - 4	01/18/12	3498.38	-	28.39	0.00	3469.99
MW - 4	01/27/12	3498.38	-	28.46	0.00	3469.92
MW - 4	02/02/12	3498.38	-	28.51	0.00	3469.87
MW - 4	02/10/12	3498.38	-	28.51	0.00	3469.87
MW - 4	02/15/12	3498.38	-	28.66	0.00	3469.72
MW - 4	03/01/12	3498.38	-	28.28	0.00	3470.10
MW - 4	03/07/12	3498.38	-	28.29	0.00	3470.09
MW - 4	03/14/12	3498.38	-	28.26	0.00	3470.12
MW - 4	03/19/12	3498.38	-	28.16	0.00	3470.22
MW - 4	03/26/12	3498.38	-	28.22	0.00	3470.16
MW - 4	04/04/12	3498.38	-	28.29	0.00	3470.09
MW - 4	04/11/12	3498.38	-	28.18	0.00	3470.20
MW - 4	04/17/12	3498.38	-	28.29	0.00	3470.09
MW - 4	04/25/12	3498.38	-	28.08	0.00	3470.30
MW - 4	05/23/12	3498.38	-	28.15	0.00	3470.23
MW - 4	05/31/12	3498.38	-	28.23	0.00	3470.15
MW - 4	06/06/12	3498.38	-	28.36	0.00	3470.02
MW - 4	06/13/12	3498.38	-	28.30	0.00	3470.08
MW - 4	06/20/12	3498.38	-	28.09	0.00	3470.29
MW - 4	07/11/12	3498.38	-	28.51	0.00	3469.87
MW - 4	07/18/12	3498.38	-	28.59	0.00	3469.79
MW - 4	08/02/12	3498.38	-	28.56	0.00	3469.82
MW - 4	08/09/12	3498.38	-	28.72	0.00	3469.66
MW - 4	08/16/12	3498.38	-	28.85	0.00	3469.53
MW - 4	10/02/12	3498.38	-	29.00	0.00	3469.38
MW - 4	10/10/12	3498.38	-	28.98	0.00	3469.40
MW - 4	10/17/12	3498.38	-	28.71	0.00	3469.67
MW - 4	10/26/12	3498.38	-	28.96	0.00	3469.42
MW - 4	11/01/12	3498.38	-	28.89	0.00	3469.49

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	11/19/12	3498.38	-	28.65	0.00	3469.73
MW - 4	12/13/12	3498.38	-	29.06	0.00	3469.32
MW - 4	12/18/12	3498.38	-	28.53	0.00	3469.85
MW - 4	01/08/13	3498.38	-	28.60	0.00	3469.78
MW - 4	01/16/13	3498.38	-	28.71	0.00	3469.67
MW - 4	01/24/13	3498.38	-	28.68	0.00	3469.70
MW - 4	01/30/13	3498.38	-	28.71	0.00	3469.67
MW - 4	02/12/13	3498.38	-	28.64	0.00	3469.74
MW - 4	03/19/13	3498.38	-	28.54	0.00	3469.84
MW - 4	04/02/13	3498.38	-	28.55	0.00	3469.83
MW - 4	04/08/13	3498.38	-	28.35	0.00	3470.03
MW - 4	04/16/13	3498.38	-	28.48	0.00	3469.90
MW - 4	04/23/13	3498.38	-	28.57	0.00	3469.81
MW - 4	05/01/13	3498.38	-	28.49	0.00	3469.89
MW - 4	05/08/13	3498.38	-	28.52	0.00	3469.86
MW - 4	05/15/13	3498.38	-	28.49	0.00	3469.89
MW - 4	05/17/13	3498.38	-	28.55	0.00	3469.83
MW - 4	05/19/13	3498.38	-	28.60	0.00	3469.78
MW - 4	05/23/13	3498.38	-	28.65	0.00	3469.73
MW - 4	05/29/13	3498.38	-	28.60	0.00	3469.78
MW - 4	06/12/13	3498.38	-	28.93	0.00	3469.45
MW - 4	06/19/13	3498.38	-	28.96	0.00	3469.42
MW - 4	06/27/13	3498.38	-	29.11	0.00	3469.27
MW - 4	07/02/13	3498.38	-	29.15	0.00	3469.23
MW - 4	07/08/13	3498.38	-	29.23	0.00	3469.15
MW - 4	07/15/13	3498.38	-	29.17	0.00	3469.21
MW - 4	07/23/13	3498.38	-	29.09	0.00	3469.29
MW - 4	07/29/13	3498.38	-	28.99	0.00	3469.39
MW - 4	08/07/13	3498.38	-	29.12	0.00	3469.26
MW - 4	08/15/13	3498.38	-	29.43	0.00	3468.95
MW - 4	08/20/13	3498.38	-	29.48	0.00	3468.90
MW - 4	08/28/13	3498.38	-	29.46	0.00	3468.92
MW - 4	09/05/13	3498.38	-	29.67	0.00	3468.71
MW - 4	09/09/13	3498.38	-	29.50	0.00	3468.88
MW - 4	09/18/13	3498.38	-	29.61	0.00	3468.77
MW - 4	09/28/13	3498.38	-	29.55	0.00	3468.83
MW - 4	10/01/13	3498.38	-	29.73	0.00	3468.65
MW - 4	10/08/13	3498.38	-	29.41	0.00	3468.97
MW - 4	10/14/13	3498.38	-	29.47	0.00	3468.91
MW - 4	10/23/13	3498.38	-	29.05	0.00	3469.33
MW - 4	10/29/13	3498.38	-	29.06	0.00	3469.32
MW - 4	11/16/13	3498.38	-	29.29	0.00	3469.09
MW - 4	11/27/13	3498.38	-	29.36	0.00	3469.02
MW - 4	12/02/13	3498.38	-	29.21	0.00	3469.17
MW - 4	12/14/13	3498.38	-	29.55	0.00	3468.83
MW - 4	12/19/13	3498.38	-	29.23	0.00	3469.15

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	12/24/13	3498.38	-	29.12	0.00	3469.26
MW - 4	01/02/14	3498.38	-	29.20	0.00	3469.18
MW - 4	01/07/14	3498.38	-	29.05	0.00	3469.33
MW - 4	01/14/14	3498.38	-	29.16	0.00	3469.22
MW - 4	01/21/14	3498.38	-	29.08	0.00	3469.30
MW - 4	01/31/14	3498.38	-	29.10	0.00	3469.28
MW - 4	02/10/14	3498.38	-	29.17	0.00	3469.21
MW - 4	02/27/14	3498.38	-	29.05	0.00	3469.33
MW - 4	03/06/14	3498.38	-	29.05	0.00	3469.33
MW - 4	03/13/14	3498.38	-	29.07	0.00	3469.31
MW - 4	03/25/14	3498.38	-	29.09	0.00	3469.29
MW - 4	04/03/14	3498.38	-	28.99	0.00	3469.39
MW - 4	04/07/14	3498.38	-	29.12	0.00	3469.26
MW - 4	04/14/14	3498.38	-	29.25	0.00	3469.13
MW - 4	04/23/14	3498.38	-	28.92	0.00	3469.46
MW - 4	05/05/14	3498.38	-	29.01	0.00	3469.37
MW - 4	05/14/14	3498.38	-	29.02	0.00	3469.36
MW - 4	05/22/14	3498.38	-	29.02	0.00	3469.36
MW - 4	05/28/14	3498.38	-	29.07	0.00	3469.31
MW - 4	06/02/14	3498.38	-	29.16	0.00	3469.22
MW - 4	06/12/14	3498.38	-	29.40	0.00	3468.98
MW - 4	06/17/14	3498.38	-	29.39	0.00	3468.99
MW - 4	06/25/14	3498.38	-	29.47	0.00	3468.91
MW - 4	06/30/14	3498.38	-	29.46	0.00	3468.92
MW - 4	07/11/14	3498.38	-	29.56	0.00	3468.82
MW - 4	07/14/14	3498.38	-	29.50	0.00	3468.88
MW - 4	07/22/14	3498.38	-	29.60	0.00	3468.78
MW - 4	07/23/14	3498.38	-	29.60	0.00	3468.78
MW - 4	08/05/14	3498.38	-	29.64	0.00	3468.74
MW - 4	08/12/14	3498.38	-	29.73	0.00	3468.65
MW - 4	08/13/14	3498.38	-	29.74	0.00	3468.64
MW - 4	08/27/14	3498.38	-	29.84	0.00	3468.54
MW - 4	09/17/14	3498.38	-	27.54	0.00	3470.84
MW - 4	10/10/14	3498.38	-	26.55	0.00	3471.83
MW - 4	10/15/14	3498.38	-	26.80	0.00	3471.58
MW - 4	10/20/14	3498.38	-	27.04	0.00	3471.34
MW - 4	10/27/14	3498.38	-	27.28	0.00	3471.10
MW - 4	11/04/14	3498.38	-	28.72	0.00	3469.66
MW - 4	11/06/14	3498.38	-	27.65	0.00	3470.73
MW - 4	11/11/14	3498.38	-	27.12	0.00	3471.26
MW - 4	11/18/14	3498.38	-	27.06	0.00	3471.32
MW - 4	12/02/14	3498.38	-	27.38	0.00	3471.00
MW - 4	12/09/14	3498.38	-	27.50	0.00	3470.88
MW - 4	12/17/14	3498.38	-	27.49	0.00	3470.89
MW - 4	12/23/14	3498.38	-	27.70	0.00	3470.68
MW - 4	12/30/14	3498.38	-	27.80	0.00	3470.58

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	11/30/99	3500.12	28.44	32.05	3.61	3471.14
MW - 5	03/03/00	3500.12	28.90	30.26	1.36	3471.02
MW - 5	05/16/00	3500.12	28.94	30.31	1.37	3470.97
MW - 5	09/01/00	3500.12	29.47	30.36	0.89	3470.52
MW - 5	11/21/00	3500.12	29.46	32.06	2.60	3470.27
MW - 5	03/05/01	3500.12	29.17	31.64	2.47	3470.58
MW - 5	05/17/01	3500.12	28.73	32.68	3.95	3470.80
MW - 5	08/27/01	3500.12	30.15	31.48	1.33	3469.77
MW - 5	10/24/01	3500.12	28.50	35.60	7.10	3470.56
MW - 5	03/27/02	3500.12	28.18	34.61	6.43	3470.98
MW - 5	05/14/02	3500.12	28.10	33.85	5.75	3471.16
MW - 5	06/07/02	3500.12	28.25	33.77	5.52	3471.04
MW - 5	09/27/02	3500.12	28.24	34.33	6.09	3470.97
MW - 5	10/29/02	3500.12	28.62	29.58	0.96	3471.36
MW - 5	11/07/02	3500.12	28.50	30.06	1.56	3471.39
MW - 5	12/04/02	3500.12	28.36	29.37	1.01	3471.61
MW - 5	01/07/03	3500.12	28.53	28.64	0.11	3471.57
MW - 5	01/27/03	3500.12	28.24	29.86	1.62	3471.64
MW - 5	02/25/03	3500.12	28.20	30.09	1.89	3471.64
MW - 5	03/06/03	3500.12	28.27	30.36	2.09	3471.54
MW - 5	03/11/03	3500.12	28.21	30.28	2.07	3471.60
MW - 5	03/20/03	3500.12	28.30	30.33	2.03	3471.52
MW - 5	03/25/03	3500.12	28.27	30.55	2.28	3471.51
MW - 5	04/02/03	3500.12	28.36	28.42	0.06	3471.75
MW - 5	04/16/03	3500.12	28.47	28.50	0.03	3471.65
MW - 5	04/23/03	3500.12	28.35	28.57	0.22	3471.74
MW - 5	04/29/03	3500.12	28.32	28.62	0.30	3471.76
MW - 5	05/15/03	3500.12	28.53	28.57	0.04	3471.58
MW - 5	05/22/03	3500.12	28.57	28.75	0.18	3471.52
MW - 5	05/28/03	3500.12	28.82	28.91	0.09	3471.29
MW - 5	06/04/03	3500.12	28.68	28.87	0.19	3471.41
MW - 5	06/10/03	3500.12	28.58	29.10	0.52	3471.46
MW - 5	06/26/03	3500.12	28.49	28.99	0.50	3471.56
MW - 5	07/07/03	3500.12	29.28	29.73	0.45	3470.77
MW - 5	07/30/03	3500.12	29.25	29.70	0.45	3470.80
MW - 5	08/05/03	3500.12	29.66	30.27	0.61	3470.37
MW - 5	08/21/03	3500.12	29.83	30.73	0.90	3470.16
MW - 5	08/26/03	3500.12	29.88	30.94	1.06	3470.08
MW - 5	09/08/03	3500.12	29.95	30.69	0.74	3470.06
MW - 5	09/15/03	3500.12	29.97	30.66	0.69	3470.05
MW - 5	09/24/03	3500.12	29.94	30.41	0.47	3470.11
MW - 5	10/02/03	3500.12	29.78	31.65	1.87	3470.06
MW - 5	10/08/03	3500.12	29.70	31.70	2.00	3470.12
MW - 5	10/16/03	3500.12	30.02	32.10	2.08	3469.79
MW - 5	10/28/03	3500.12	30.17	30.60	0.43	3469.89

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HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	11/11/03	3500.12	30.27	30.90	0.63	3469.76
MW - 5	11/18/03	3500.12	30.04	30.95	0.91	3469.94
MW - 5	11/25/03	3500.12	29.80	30.48	0.68	3470.22
MW - 5	12/08/03	3500.12	29.82	30.66	0.84	3470.17
MW - 5	01/27/04	3500.12	30.25	31.97	1.72	3469.61
MW - 5	02/02/04	3500.12	30.20	31.95	1.75	3469.66
MW - 5	02/10/04	3500.12	29.70	31.57	1.87	3470.14
MW - 5	02/20/04	3500.12	29.85	31.92	2.07	3469.96
MW - 5	03/04/04	3500.12	29.71	31.55	1.84	3470.13
MW - 5	03/16/04	3500.12	30.04	31.40	1.36	3469.88
MW - 5	03/25/04	3500.12	30.10	31.39	1.29	3469.83
MW - 5	03/31/04	3500.12	30.13	31.40	1.27	3469.80
MW - 5	04/01/04	3500.12	30.04	31.47	1.43	3469.87
MW - 5	04/08/04	3500.12	23.14	24.37	1.23	3476.80
MW - 5	04/14/04	3500.12	26.06	36.66	10.60	3472.47
MW - 5	04/16/04	3500.12	26.33	36.71	10.38	3472.23
MW - 5	04/22/04	3500.12	26.32	32.35	6.03	3472.90
MW - 5	04/29/04	3500.12	26.38	32.98	6.60	3472.75
MW - 5	05/05/04	3500.12	26.93	31.04	4.11	3472.57
MW - 5	05/10/04	3500.12	26.72	29.72	3.00	3472.95
MW - 5	06/08/04	3500.12	26.89	30.48	3.59	3472.69
MW - 5	06/17/04	3500.12	27.10	30.81	3.71	3472.46
MW - 5	06/22/04	3500.12	27.13	30.76	3.63	3472.45
MW - 5	06/25/04	3500.12	27.09	30.72	3.63	3472.49
MW - 5	06/29/04	3500.12	27.07	30.78	3.71	3472.49
MW - 5	07/01/04	3500.12	27.09	30.64	3.55	3472.50
MW - 5	07/08/04	3500.12	27.08	30.76	3.68	3472.49
MW - 5	07/13/04	3500.12	27.14	30.55	3.41	3472.47
MW - 5	07/20/04	3500.12	27.15	32.22	5.07	3472.21
MW - 5	08/04/04	3500.12	27.17	32.21	5.04	3472.19
MW - 5	08/10/04	3500.12	27.20	32.22	5.02	3472.17
MW - 5	08/17/04	3500.12	29.56	30.58	1.02	3470.41
MW - 5	08/23/04	3500.12	27.36	30.98	3.62	3472.22
MW - 5	08/25/04	3500.12	27.38	31.00	3.62	3472.20
MW - 5	08/31/04	3500.12	27.49	31.21	3.72	3472.07
MW - 5	09/13/04	3500.12	27.60	30.55	2.95	3472.08
MW - 5	09/20/04	3500.12	27.74	29.96	2.22	3472.05
MW - 5	09/30/04	3500.12	27.94	30.05	2.11	3471.86
MW - 5	10/04/04	3500.12	25.77	30.15	4.38	3473.69
MW - 5	10/11/04	3500.12	25.42	28.10	2.68	3474.30
MW - 5	10/18/04	3500.12	25.36	28.39	3.03	3474.31
MW - 5	10/27/04	3500.12	25.61	28.29	2.68	3474.11
MW - 5	11/02/04	3500.12	26.26	26.95	0.69	3473.76
MW - 5	11/08/04	3500.12	26.35	27.15	0.80	3473.65
MW - 5	11/15/04	3500.12	26.26	26.86	0.60	3473.77
MW - 5	11/23/04	3500.12	26.03	27.00	0.97	3473.94

TABLE 1
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PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	12/01/04	3500.12	25.78	26.70	0.92	3474.20
MW - 5	12/02/04	3500.12	25.78	26.70	0.92	3474.20
MW - 5	12/08/04	3500.12	25.40	27.20	1.80	3474.45
MW - 5	12/14/04	3500.12	25.97	26.57	0.60	3474.06
MW - 5	12/21/04	3500.12	25.80	26.72	0.92	3474.18
MW - 5	12/29/04	3500.12	25.81	26.70	0.89	3474.18
MW - 5	01/11/05	3500.12	25.85	26.33	0.48	3474.20
MW - 5	01/14/05	3500.12	26.00	26.85	0.85	3473.99
MW - 5	01/18/05	3500.12	25.71	26.50	0.79	3474.29
MW - 5	01/21/05	3500.12	25.70	26.59	0.89	3474.29
MW - 5	01/25/05	3500.12	25.70	26.58	0.88	3474.29
MW - 5	01/28/05	3500.12	25.71	26.51	0.80	3474.29
MW - 5	02/02/05	3500.12	25.75	26.55	0.80	3474.25
MW - 5	02/05/05	3500.12	25.67	26.48	0.81	3474.33
MW - 5	02/08/05	3500.12	25.66	26.61	0.95	3474.32
MW - 5	02/11/05	3500.12	25.69	26.50	0.81	3474.31
MW - 5	02/15/05	3500.12	25.69	26.69	1.00	3474.28
MW - 5	02/18/05	3500.12	25.72	26.66	0.94	3474.26
MW - 5	02/22/05	3500.12	25.70	26.60	0.90	3474.29
MW - 5	02/25/05	3500.12	sheen	26.30	0.00	3473.82
MW - 5	03/01/05	3500.12	sheen	25.81	0.00	3474.31
MW - 5	03/04/05	3500.12	sheen	24.71	0.00	3475.41
MW - 5	03/08/05	3500.12	25.62	25.80	0.18	3474.47
MW - 5	03/10/05	3500.12	25.62	25.80	0.18	3474.47
MW - 5	03/11/05	3500.12	25.60	25.85	0.25	3474.48
MW - 5	03/15/05	3500.12	25.63	25.89	0.26	3474.45
MW - 5	03/19/05	3500.12	25.62	25.88	0.26	3474.46
MW - 5	03/22/05	3500.12	25.71	26.11	0.40	3474.35
MW - 5	03/28/05	3500.12	25.60	25.98	0.38	3474.46
MW - 5	04/01/05	3500.12	25.68	26.09	0.41	3474.38
MW - 5	04/05/05	3500.12	25.59	25.96	0.37	3474.47
MW - 5	04/08/05	3500.12	25.61	25.99	0.38	3474.45
MW - 5	04/12/05	3500.12	25.65	26.05	0.40	3474.41
MW - 5	04/15/05	3500.12	25.64	25.95	0.31	3474.43
MW - 5	05/25/05	3500.12	25.30	25.90	0.60	3474.73
MW - 5	06/03/05	3500.12	25.20	25.72	0.52	3474.84
MW - 5	06/06/05	3500.12	25.23	25.73	0.50	3474.82
MW - 5	06/10/05	3500.12	25.24	25.70	0.46	3474.81
MW - 5	06/13/05	3500.12	25.44	25.99	0.55	3474.60
MW - 5	06/20/05	3500.12	25.30	25.59	0.29	3474.78
MW - 5	06/24/05	3500.12	25.26	25.55	0.29	3474.82
MW - 5	06/27/05	3500.12	25.30	26.00	0.70	3474.72
MW - 5	07/18/05	3500.12	25.58	26.25	0.67	3474.44
MW - 5	07/25/05	3500.12	25.66	25.98	0.32	3474.41
MW - 5	08/01/05	3500.12	25.72	26.12	0.40	3474.34
MW - 5	08/04/05	3500.12	25.75	26.10	0.35	3474.32

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	08/10/05	3500.12	25.85	26.00	0.15	3474.25
MW - 5	08/16/05	3500.12	25.94	26.00	0.06	3474.17
MW - 5	08/23/05	3500.12	25.46	25.75	0.29	3474.62
MW - 5	08/29/05	3500.12	25.40	25.80	0.40	3474.66
MW - 5	09/06/05	3500.12	25.49	25.88	0.39	3474.57
MW - 5	09/09/05	3500.12	25.40	25.88	0.48	3474.65
MW - 5	09/12/05	3500.12	25.46	25.90	0.44	3474.59
MW - 5	09/19/05	3500.12	25.62	26.09	0.47	3474.43
MW - 5	09/27/05	3500.12	25.55	26.10	0.55	3474.49
MW - 5	10/03/05	3500.12	25.59	26.00	0.41	3474.47
MW - 5	10/10/05	3500.12	25.59	26.11	0.52	3474.45
MW - 5	10/17/05	3500.12	25.56	26.05	0.49	3474.49
MW - 5	10/24/05	3500.12	25.50	26.03	0.53	3474.54
MW - 5	11/01/05	3500.12	25.36	26.06	0.70	3474.66
MW - 5	11/08/05	3500.12	24.41	24.95	0.54	3475.63
MW - 5	11/15/05	3500.12	25.65	26.36	0.71	3474.36
MW - 5	11/22/05	3500.12	25.34	26.00	0.66	3474.68
MW - 5	11/27/05	3500.12	25.40	25.88	0.48	3474.65
MW - 5	12/05/05	3500.12	25.33	25.93	0.60	3474.70
MW - 5	12/07/05	3500.12	25.38	26.24	0.86	3474.61
MW - 5	12/16/05	3500.12	25.30	25.90	0.60	3474.73
MW - 5	12/29/05	3500.12	25.25	25.90	0.65	3474.77
MW - 5	01/03/06	3500.12	25.28	25.94	0.66	3474.74
MW - 5	01/09/06	3500.12	25.18	26.00	0.82	3474.82
MW - 5	01/16/06	3500.12	25.25	26.03	0.78	3474.75
MW - 5	01/23/06	3500.12	25.45	26.10	0.65	3474.57
MW - 5	01/30/06	3500.12	24.54	25.00	0.46	3475.51
MW - 5	02/07/06	3500.12	25.58	26.07	0.49	3474.47
MW - 5	02/09/06	3500.12	25.54	25.83	0.29	3474.54
MW - 5	02/14/06	3500.12	25.29	25.60	0.31	3474.78
MW - 5	02/21/06	3500.12	25.30	25.60	0.30	3474.78
MW - 5	02/27/06	3500.12	25.28	25.62	0.34	3474.79
MW - 5	03/06/06	3500.12	25.35	25.69	0.34	3474.72
MW - 5	03/09/06	3500.12	25.21	25.50	0.29	3474.87
MW - 5	03/17/06	3500.12	25.56	25.58	0.02	3474.56
MW - 5	03/21/06	3500.12	25.50	25.79	0.29	3474.58
MW - 5	03/28/06	3500.12	25.52	25.75	0.23	3474.57
MW - 5	04/03/06	3500.12	25.44	25.77	0.33	3474.63
MW - 5	04/10/06	3500.12	25.25	25.42	0.17	3474.84
MW - 5	04/17/06	3500.12	25.21	25.45	0.24	3474.87
MW - 5	05/01/06	3500.12	25.30	25.40	0.10	3474.81
MW - 5	05/08/06	3500.12	25.28	25.40	0.12	3474.82
MW - 5	05/15/06	3500.12	25.49	25.72	0.23	3474.60
MW - 5	06/01/06	3500.12	25.62	25.85	0.23	3474.47
MW - 5	06/05/06	3500.12	25.58	25.76	0.18	3474.51
MW - 5	06/08/06	3500.12	25.73	25.91	0.18	3474.36

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	06/12/06	3500.12	25.80	25.98	0.18	3474.29
MW - 5	06/19/06	3500.12	25.88	26.02	0.14	3474.22
MW - 5	07/03/06	3500.12	26.04	26.18	0.14	3474.06
MW - 5	07/10/06	3500.12	25.96	26.07	0.11	3474.14
MW - 5	07/17/06	3500.12	25.73	25.85	0.12	3474.37
MW - 5	07/26/06	3500.12	25.95	26.15	0.20	3474.14
MW - 5	07/31/06	3500.12	26.02	26.19	0.17	3474.07
MW - 5	08/07/06	3500.12	25.03	25.09	0.06	3475.08
MW - 5	08/17/06	3500.12	25.88	26.01	0.13	3474.22
MW - 5	08/21/06	3500.12	25.76	25.85	0.09	3474.35
MW - 5	09/06/06	3500.12	25.28	25.42	0.14	3474.82
MW - 5	09/11/06	3500.12	25.33	25.54	0.21	3474.76
MW - 5	09/15/06	3500.12	25.29	25.43	0.14	3474.81
MW - 5	10/02/06	3500.12	25.34	25.48	0.14	3474.76
MW - 5	10/09/06	3500.12	25.55	25.81	0.26	3474.53
MW - 5	10/17/06	3500.12	25.33	25.71	0.38	3474.73
MW - 5	10/23/06	3500.12	25.38	25.49	0.11	3474.72
MW - 5	10/30/06	3500.12	25.36	25.47	0.11	3474.74
MW - 5	11/06/06	3500.12	25.38	25.54	0.16	3474.72
MW - 5	11/13/06	3500.12	25.28	25.36	0.08	3474.83
MW - 5	11/20/06	3500.12	25.39	25.56	0.17	3474.70
MW - 5	11/27/06	3500.12	25.33	25.39	0.06	3474.78
MW - 5	11/29/06	3500.12	25.33	25.39	0.06	3474.78
MW - 5	12/04/06	3500.12	25.35	25.47	0.12	3474.75
MW - 5	12/12/06	3500.12	25.33	25.58	0.25	3474.75
MW - 5	12/18/06	3500.12	25.35	25.58	0.23	3474.74
MW - 5	01/04/07	3500.12	25.10	25.40	0.30	3474.98
MW - 5	01/11/07	3500.12	25.21	25.41	0.20	3474.88
MW - 5	01/18/07	3500.12	25.33	25.54	0.21	3474.76
MW - 5	01/22/07	3500.12	25.33	25.53	0.20	3474.76
MW - 5	01/31/07	3500.12	25.19	25.30	0.11	3474.91
MW - 5	02/07/07	3500.12	25.27	25.41	0.14	3474.83
MW - 5	02/14/07	3500.12	25.29	25.39	0.10	3474.82
MW - 5	02/26/07	3500.12	25.24	25.38	0.14	3474.86
MW - 5	03/07/07	3500.12	25.34	25.50	0.16	3474.76
MW - 5	04/03/07	3500.12	25.21	25.34	0.13	3474.89
MW - 5	04/09/07	3500.12	24.96	25.01	0.05	3475.15
MW - 5	04/17/07	3500.12	25.05	25.19	0.14	3475.05
MW - 5	05/01/07	3500.12	25.05	25.14	0.09	3475.06
MW - 5	05/07/07	3500.12	25.06	25.17	0.11	3475.04
MW - 5	05/17/07	3500.12	24.80	24.84	0.04	3475.31
MW - 5	05/21/07	3500.12	24.64	24.69	0.05	3475.47
MW - 5	05/22/07	3500.12	24.64	24.69	0.05	3475.47
MW - 5	06/01/07	3500.12	24.71	24.79	0.08	3475.40
MW - 5	06/06/07	3500.12	24.69	24.76	0.07	3475.42
MW - 5	06/11/07	3500.12	24.79	25.08	0.29	3475.29

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	06/19/07	3500.12	24.86	24.99	0.13	3475.24
MW - 5	06/25/07	3500.12	24.86	24.96	0.10	3475.25
MW - 5	07/03/07	3500.12	24.96	25.11	0.15	3475.14
MW - 5	07/23/07	3500.12	25.18	25.30	0.12	3474.92
MW - 5	07/30/07	3500.12	25.29	25.57	0.28	3474.79
MW - 5	08/06/07	3500.12	25.31	25.54	0.23	3474.78
MW - 5	08/13/07	3500.12	25.46	25.59	0.13	3474.64
MW - 5	08/16/07	3500.12	25.46	25.58	0.12	3474.64
MW - 5	08/27/07	3500.12	25.59	25.71	0.12	3474.51
MW - 5	09/07/07	3500.12	25.69	25.83	0.14	3474.41
MW - 5	09/13/07	3500.12	sheen	24.90	0.00	3475.22
MW - 5	09/18/07	3500.12	sheen	25.10	0.00	3475.02
MW - 5	09/24/07	3500.12	sheen	25.21	0.00	3474.91
MW - 5	10/01/07	3500.12	sheen	25.34	0.00	3474.78
MW - 5	10/08/07	3500.12	sheen	25.44	0.00	3474.68
MW - 5	10/15/07	3500.12	sheen	24.25	0.00	3475.87
MW - 5	11/05/07	3500.12	sheen	25.20	0.00	3474.92
MW - 5	11/07/07	3500.12	sheen	25.27	0.00	3474.85
MW - 5	11/12/07	3500.12	sheen	25.30	0.00	3474.82
MW - 5	11/19/07	3500.12	sheen	25.25	0.00	3474.87
MW - 5	11/28/07	3500.12	sheen	25.31	0.00	3474.81
MW - 5	12/03/07	3500.12	sheen	25.32	0.00	3474.80
MW - 5	12/14/07	3500.12	sheen	25.18	0.00	3474.94
MW - 5	01/09/08	3500.12	-	25.10	0.00	3475.02
MW - 5	01/16/08	3500.12	-	25.20	0.00	3474.92
MW - 5	01/23/08	3500.12	-	25.35	0.00	3474.77
MW - 5	02/08/08	3500.12	-	25.34	0.00	3474.78
MW - 5	02/12/08	3500.12	-	25.31	0.00	3474.81
MW - 5	02/22/08	3500.12	-	25.42	0.00	3474.70
MW - 5	03/05/08	3500.12	-	25.30	0.00	3474.82
MW - 5	03/19/08	3500.12	-	25.48	0.00	3474.64
MW - 5	04/03/08	3500.12	-	25.32	0.00	3474.80
MW - 5	05/14/08	3500.12	-	25.38	0.00	3474.74
MW - 5	06/09/08	3500.12	-	25.65	0.00	3474.47
MW - 5	06/23/08	3500.12	-	25.86	0.00	3474.26
MW - 5	07/22/08	3500.12	-	26.20	0.00	3473.92
MW - 5	08/04/08	3500.12	-	26.28	0.00	3473.84
MW - 5	08/18/08	3500.12	-	26.42	0.00	3473.70
MW - 5	09/02/08	3500.12	-	25.92	0.00	3474.20
MW - 5	09/17/08	3500.12	-	25.99	0.00	3474.13
MW - 5	09/29/08	3500.12	-	26.03	0.00	3474.09
MW - 5	10/06/08	3500.12	-	26.06	0.00	3474.06
MW - 5	10/13/08	3500.12	-	26.04	0.00	3474.08
MW - 5	10/20/08	3500.12	-	25.94	0.00	3474.18
MW - 5	10/29/08	3500.12	-	25.92	0.00	3474.20
MW - 5	11/05/08	3500.12	-	25.89	0.00	3474.23

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	11/10/08	3500.12	-	0.00	0.00	3500.12
MW - 5	11/13/08	3500.12	-	25.82	0.00	3474.30
MW - 5	12/03/08	3500.12	-	26.35	0.00	3473.77
MW - 5	12/16/08	3500.12	-	25.93	0.00	3474.19
MW - 5	12/30/08	3500.12	sheen	25.91	0.00	3474.21
MW - 5	01/06/09	3500.12	-		0.00	3500.12
MW - 5	02/11/09	3500.12	-	25.97	0.00	3474.15
MW - 5	02/24/09	3500.12	-	25.95	0.00	3474.17
MW - 5	03/04/09	3500.12	-	25.91	0.00	3474.21
MW - 5	03/17/09	3500.12	-	25.98	0.00	3474.14
MW - 5	03/25/09	3500.12	-	25.89	0.00	3474.23
MW - 5	04/08/09	3500.12	-	25.89	0.00	3474.23
MW - 5	04/15/09	3500.12	-	25.96	0.00	3474.16
MW - 5	04/29/09	3500.12	-	25.97	0.00	3474.15
MW - 5	05/13/09	3500.12	-	25.93	0.00	3474.19
MW - 5	06/01/09	3500.12	-	26.69	0.00	3473.43
MW - 5	06/10/09	3500.12	-	25.94	0.00	3474.18
MW - 5	06/12/09	3500.12	-	26.32	0.00	3473.80
MW - 5	06/18/09	3500.12	-	25.93	0.00	3474.19
MW - 5	06/24/09	3500.12	-	26.64	0.00	3473.48
MW - 5	07/02/09	3500.12	-	26.52	0.00	3473.60
MW - 5	07/08/09	3500.12	-	25.90	0.00	3474.22
MW - 5	07/14/09	3500.12	-	26.73	0.00	3473.39
MW - 5	07/20/09	3500.12	-	26.73	0.00	3473.39
MW - 5	07/27/09	3500.12	-	26.74	0.00	3473.38
MW - 5	08/03/09	3500.12	-	25.55	0.00	3474.57
MW - 5	08/10/09	3500.12	-	26.28	0.00	3473.84
MW - 5	08/11/09	3500.12	-	26.28	0.00	3473.84
MW - 5	08/18/09	3500.12	-	26.76	0.00	3473.36
MW - 5	08/24/09	3500.12	-	26.81	0.00	3473.31
MW - 5	08/31/09	3500.12	-	27.01	0.00	3473.11
MW - 5	09/03/09	3500.12	-	26.32	0.00	3473.80
MW - 5	09/08/09	3500.12	-	27.04	0.00	3473.08
MW - 5	09/11/09	3500.12	-	27.09	0.00	3473.03
MW - 5	09/16/09	3500.12	-	26.97	0.00	3473.15
MW - 5	09/22/09	3500.12	-	27.14	0.00	3472.98
MW - 5	09/29/09	3500.12	-	26.76	0.00	3473.36
MW - 5	10/02/09	3500.12	-	27.08	0.00	3473.04
MW - 5	10/07/09	3500.12	-	27.03	0.00	3473.09
MW - 5	10/12/09	3500.12	-	29.89	0.00	3470.23
MW - 5	10/16/09	3500.12	-	27.06	0.00	3473.06
MW - 5	10/20/09	3500.12	-	29.90	0.00	3470.22
MW - 5	10/26/09	3500.12	-	29.89	0.00	3470.23
MW - 5	10/28/09	3500.12	-	26.95	0.00	3473.17
MW - 5	11/04/09	3500.12	-	27.18	0.00	3472.94
MW - 5	11/12/09	3500.12	sheen	26.99	0.00	3473.13

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	11/23/09	3500.12	-	27.09	0.00	3473.03
MW - 5	12/03/09	3500.12	sheen	27.21	0.00	3472.91
MW - 5	12/16/09	3500.12	sheen	27.11	0.00	3473.01
MW - 5	12/21/09	3500.12	sheen	27.05	0.00	3473.07
MW - 5	12/28/09	3500.12	sheen	29.87	0.00	3470.25
MW - 5	01/05/10	3500.12	sheen	27.13	0.00	3472.99
MW - 5	01/20/10	3500.12	sheen	29.86	0.00	3470.26
MW - 5	01/25/10	3500.12	sheen	29.84	0.00	3470.28
MW - 5	01/27/10	3500.12	sheen	27.10	0.00	3473.02
MW - 5	02/10/10	3500.12	sheen	27.10	0.00	3473.02
MW - 5	03/01/10	3500.12	sheen	29.81	0.00	3470.31
MW - 5	03/09/10	3500.12	sheen	27.13	0.00	3472.99
MW - 5	03/11/10	3500.12	sheen	27.09	0.00	3473.03
MW - 5	05/25/10	3500.12	WELL DRY, NO H2O			
MW - 5	06/07/10	3500.12	6/7/10 - 6/12/10 DRY @ 26.15			
MW - 5	06/25/10	3500.12	WELL DRY, NO H2O			
MW - 5	07/07/10	3500.12	WELL DRY NO H2O			
MW - 5	07/12/10	3500.12	WELL DRY NO H2O			
MW - 5	07/26/10	3500.12	WELL DRY NO H2O			
MW - 5	08/03/10	3500.12	WELL DRY NO H2O			
MW - 5	08/13/10	3500.12	WELL DRY NO H2O			
MW - 5	08/19/10	3500.12	WELL DRY NO H2O			
MW - 5	08/25/10	3500.12	WELL DRY NO H2O			
MW - 5	09/01/10	3500.12	WELL DRY NO H2O			
MW - 5	09/09/10	3500.12	WELL DRY NO H2O			
MW - 5	09/13/10	3500.12	WELL DRY NO H2O			
MW - 5	09/29/10	3500.12	WELL DRY NO H2O			
MW - 5	10/05/10	3500.12	WELL DRY NO H2O			
MW - 5	10/25/10	3500.12	WELL DRY NO H2O			
MW - 5	11/03/10	3500.12	WELL DRY NO H2O			
MW - 5	11/10/10	3500.12	sheen	25.77	0.00	3474.35
MW - 5	11/18/10	3500.12	sheen	25.77	0.00	3474.35
MW - 5	12/09/10	3500.12	sheen	26.70	0.00	3473.42
MW - 5	01/18/11	3500.12	sheen	25.77	0.00	3474.35
MW - 5	02/22/11	3500.12	sheen	25.77	0.00	3474.35
MW - 5	03/01/11	3500.12	sheen	26.90	0.00	3473.22
MW - 5	03/07/11	3500.12	sheen	26.76	0.00	3473.36
MW - 5	03/22/11	3500.12		25.77	0.00	3474.35
MW - 5	04/27/11	3500.12	27.13	27.15	0.02	3472.99
MW - 5	05/17/11	3500.12	sheen	25.78	0.00	3474.34
MW - 5	07/06/11	3500.12	27.85	28.18	0.33	3472.22
MW - 5	07/14/11	3500.12	27.85	28.22	0.37	3472.21
MW - 5	07/27/11	3500.12	sheen	28.02	0.00	3472.10
MW - 5	08/03/11	3500.12	-	28.20	0.00	3471.92
MW - 5	08/11/11	3500.12	sheen	28.36	0.00	3471.76
MW - 5	08/18/11	3500.12	sheen	28.28	0.00	3471.84

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	08/25/11	3500.12	-	28.34	0.00	3471.78
MW - 5	09/02/11	3500.12	-	28.40	0.00	3471.72
MW - 5	09/09/11	3500.12	-	28.39	0.00	3471.73
MW - 5	11/08/11	3500.12	-	28.40	0.00	3471.72
MW - 5	12/28/11	3500.12	-	28.45	0.00	3471.67
MW - 5	01/05/12	3500.12	-	28.42	0.00	3471.70
MW - 5	01/18/12	3500.12	-	28.17	0.00	3471.95
MW - 5	03/01/12	3500.12	-	28.13	0.00	3471.99
MW - 5	05/23/12	3500.12	-	28.19	0.00	3471.93
MW - 5	08/09/12	3500.12	-	28.72	0.00	3471.40
MW - 5	11/19/12	3500.12	-	28.68	0.00	3471.44
MW - 5	02/12/13	3500.12	-	28.53	0.00	3471.59
MW - 5	03/19/13	3500.12	-	28.47	0.00	3471.65
MW - 5	05/01/13	3500.12	-	29.10	0.00	3471.02
MW - 5	05/08/13	3500.12	-	28.46	0.00	3471.66
MW - 5	05/15/13	3500.12	-	28.45	0.00	3471.67
MW - 5	05/17/13	3500.12	-	28.49	0.00	3471.63
MW - 5	05/19/13	3500.12	-	28.49	0.00	3471.63
MW - 5	05/23/13	3500.12	-	28.53	0.00	3471.59
MW - 5	05/29/13	3500.12	-	28.49	0.00	3471.63
MW - 5	06/12/13	3500.12	-	28.82	0.00	3471.30
MW - 5	07/02/13	3500.12	-	29.23	0.00	3470.89
MW - 5	07/08/13	3500.12	-	29.24	0.00	3470.88
MW - 5	07/15/13	3500.12	-	29.31	0.00	3470.81
MW - 5	07/23/13	3500.12	-	29.24	0.00	3470.88
MW - 5	07/29/13	3500.12	-	29.40	0.00	3470.72
MW - 5	08/07/13	3500.12	-	29.19	0.00	3470.93
MW - 5	08/15/13	3500.12	-	29.49	0.00	3470.63
MW - 5	08/20/13	3500.12	-	29.58	0.00	3470.54
MW - 5	08/28/13	3500.12	-	29.44	0.00	3470.68
MW - 5	09/05/13	3500.12	-	29.68	0.00	3470.44
MW - 5	09/09/13	3500.12	-	29.47	0.00	3470.65
MW - 5	09/18/13	3500.12	-	29.60	0.00	3470.52
MW - 5	09/28/13	3500.12	-	29.65	0.00	3470.47
MW - 5	10/01/13	3500.12	-	29.43	0.00	3470.69
MW - 5	10/08/13	3500.12	-	29.44	0.00	3470.68
MW - 5	10/14/13	3500.12	-	29.45	0.00	3470.67
MW - 5	10/23/13	3500.12	-	29.34	0.00	3470.78
MW - 5	10/29/13	3500.12	-	29.26	0.00	3470.86
MW - 5	11/16/13	3500.12	-	29.12	0.00	3471.00
MW - 5	11/27/13	3500.12	-	29.25	0.00	3470.87
MW - 5	12/02/13	3500.12	-	28.98	0.00	3471.14
MW - 5	12/14/13	3500.12	-	29.33	0.00	3470.79
MW - 5	12/19/13	3500.12	-	28.90	0.00	3471.22
MW - 5	12/24/13	3500.12	-	29.10	0.00	3471.02
MW - 5	01/02/14	3500.12	-	29.04	0.00	3471.08

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	01/07/14	3500.12	-	28.92	0.00	3471.20
MW - 5	01/14/14	3500.12	-	29.09	0.00	3471.03
MW - 5	01/21/14	3500.12	-	28.99	0.00	3471.13
MW - 5	01/31/14	3500.12	-	28.95	0.00	3471.17
MW - 5	02/10/14	3500.12	-	28.94	0.00	3471.18
MW - 5	02/27/14	3500.12	-	28.81	0.00	3471.31
MW - 5	03/06/14	3500.12	-	28.87	0.00	3471.25
MW - 5	03/13/14	3500.12	-	28.91	0.00	3471.21
MW - 5	03/25/14	3500.12	-	28.93	0.00	3471.19
MW - 5	04/03/14	3500.12	-	28.84	0.00	3471.28
MW - 5	04/07/14	3500.12	-	28.97	0.00	3471.15
MW - 5	04/14/14	3500.12	-	29.11	0.00	3471.01
MW - 5	04/23/14	3500.12	-	28.86	0.00	3471.26
MW - 5	04/28/14	3500.12	-	29.34	0.00	3470.78
MW - 5	05/05/14	3500.12	-	28.99	0.00	3471.13
MW - 5	05/14/14	3500.12	28.95	29.00	0.05	3471.16
MW - 5	05/22/14	3500.12	27.35	27.38	0.03	3472.77
MW - 5	05/28/14	3500.12	29.30	29.55	0.25	3470.78
MW - 5	06/02/14	3500.12	29.17	29.34	0.17	3470.92
MW - 5	06/12/14	3500.12	29.44	29.72	0.28	3470.64
MW - 5	06/17/14	3500.12	29.46	29.68	0.22	3470.63
MW - 5	06/25/14	3500.12	29.55	29.75	0.20	3470.54
MW - 5	06/30/14	3500.12	-	29.78	0.00	3470.34
MW - 5	07/11/14	3500.12	-	29.78	0.00	3470.34
MW - 5	07/14/14	3500.12	-	29.73	0.00	3470.39
MW - 5	07/22/14	3500.12	-	29.95	0.00	3470.17
MW - 5	07/23/14	3500.12	-	29.95	0.00	3470.17
MW - 5	08/05/14	3500.12	-	29.99	0.00	3470.13
MW - 5	08/12/14	3500.12	-	30.03	0.00	3470.09
MW - 5	08/13/14	3500.12	29.91	29.92	0.01	3470.21
MW - 5	08/27/14	3500.12	30.03	30.06	0.03	3470.09
MW - 5	09/17/14	3500.12	-	29.57	0.00	3470.55
MW - 5	09/23/14	3500.12	-	29.24	0.00	3470.88
MW - 5	10/10/14	3500.12	-	28.64	0.00	3471.48
MW - 5	10/15/14	3500.12	-	28.50	0.00	3471.62
MW - 5	10/20/14	3500.12	-	28.46	0.00	3471.66
MW - 5	10/27/14	3500.12	-	28.32	0.00	3471.80
MW - 5	11/04/14	3500.12	-	28.42	0.00	3471.70
MW - 5	11/06/14	3500.12	-	28.31	0.00	3471.81
MW - 5	11/11/14	3500.12	-	28.32	0.00	3471.80
MW - 5	11/18/14	3500.12	-	28.27	0.00	3471.85
MW - 5	12/02/14	3500.12	-	28.01	0.00	3472.11
MW - 5	12/09/14	3500.12	-	27.96	0.00	3472.16
MW - 5	12/17/14	3500.12	-	28.31	0.00	3471.81
MW - 5	12/23/14	3500.12	-	27.92	0.00	3472.20
MW - 5	12/30/14	3500.12	-	28.17	0.00	3471.95

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	06/07/02	3499.82	28.16	30.98	2.82	3471.66
MW - 6	09/27/02	3499.82	sheen	28.18	0.00	3471.64
MW - 6	12/04/02	3499.82	-	28.00	0.00	3471.82
MW - 6	01/27/03	3499.82	sheen	27.91	0.00	3471.91
MW - 6	03/20/03	3499.82	sheen	27.97	0.00	3471.85
MW - 6	04/02/03	3499.82	27.87	27.88	0.01	3471.95
MW - 6	04/29/03	3499.82	27.86	27.87	0.01	3471.96
MW - 6	05/22/03	3499.82	-	28.09	0.00	3471.73
MW - 6	06/04/03	3499.82	sheen	28.17	0.00	3471.65
MW - 6	06/26/03	3499.82	sheen	28.21	0.00	3471.61
MW - 6	07/30/03	3499.82	-	28.18	0.00	3471.64
MW - 6	08/26/03	3499.82	sheen	29.42	0.00	3470.40
MW - 6	10/02/03	3499.82	29.46	29.47	0.01	3470.36
MW - 6	10/08/03	3499.82	29.39	29.40	0.01	3470.43
MW - 6	10/16/03	3499.82	29.71	29.72	0.01	3470.11
MW - 6	10/28/03	3499.82	sheen	29.70	0.00	3470.12
MW - 6	11/18/03	3499.82	sheen	29.61	0.00	3470.21
MW - 6	11/25/03	3499.82	sheen	29.35	0.00	3470.22
MW - 6	12/08/03	3499.82	sheen	29.42	0.00	3470.40
MW - 6	01/27/04	3499.82	-	29.94	0.00	3469.88
MW - 6	02/02/04	3499.82	-	29.89	0.00	3469.93
MW - 6	02/10/04	3499.82	-	29.41	0.00	3470.41
MW - 6	02/20/04	3499.82	-	29.55	0.00	3470.27
MW - 6	03/04/04	3499.82	-	29.39	0.00	3470.43
MW - 6	03/16/04	3499.82	-	29.70	0.00	3470.12
MW - 6	03/25/04	3499.82	-	29.73	0.00	3470.09
MW - 6	03/31/04	3499.82	-	29.72	0.00	3470.10
MW - 6	04/01/04	3499.82	-	29.68	0.00	3470.14
MW - 6	04/08/04	3499.82	25.10	26.72	1.62	3474.48
MW - 6	04/14/04	3499.82	-	26.90	0.00	3472.92
MW - 6	04/16/04	3499.82	-	27.10	0.00	3472.72
MW - 6	04/22/04	3499.82	-	26.44	0.00	3473.38
MW - 6	04/29/04	3499.82	-	26.46	0.00	3473.36
MW - 6	05/05/04	3499.82	-	26.91	0.00	3472.91
MW - 6	05/10/04	3499.82	-	26.59	0.00	3473.23
MW - 6	06/08/04	3499.82	-	26.72	0.00	3473.10
MW - 6	06/17/04	3499.82	sheen	26.89	0.00	3472.93
MW - 6	06/22/04	3499.82	-	26.94	0.00	3472.88
MW - 6	06/25/04	3499.82	-	26.91	0.00	3472.91
MW - 6	06/29/04	3499.82	sheen	26.87	0.00	3472.95
MW - 6	07/01/04	3499.82	sheen	26.90	0.00	3472.92
MW - 6	07/08/04	3499.82	-	26.89	0.00	3472.93
MW - 6	07/13/04	3499.82	-	26.94	0.00	3472.88
MW - 6	07/20/04	3499.82	27.03	27.49	0.46	3472.72
MW - 6	08/04/04	3499.82	27.05	27.50	0.45	3472.70

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	08/10/04	3499.82	27.03	27.49	0.46	3472.72
MW - 6	08/17/04	3499.82	26.38	26.69	0.31	3473.39
MW - 6	08/23/04	3499.82	27.14	27.43	0.29	3472.64
MW - 6	08/25/04	3499.82	22.18	27.51	5.33	3476.84
MW - 6	08/31/04	3499.82	27.27	27.63	0.36	3472.50
MW - 6	09/13/04	3499.82	26.48	26.55	0.07	3473.33
MW - 6	09/20/04	3499.82	27.57	27.65	0.08	3472.24
MW - 6	09/30/04	3499.82	27.67	27.81	0.14	3472.13
MW - 6	10/04/04	3499.82	sheen	26.31	0.00	3473.51
MW - 6	10/11/04	3499.82	26.05	26.16	0.11	3473.75
MW - 6	10/18/04	3499.82	25.80	25.88	0.08	3474.01
MW - 6	10/27/04	3499.82	sheen	25.97	0.00	3473.85
MW - 6	11/02/04	3499.82	25.88	26.10	0.22	3473.91
MW - 6	11/08/04	3499.82	sheen	26.95	0.00	3472.87
MW - 6	11/23/04	3499.82	sheen	25.75	0.00	3474.07
MW - 6	12/01/04	3499.82	sheen	25.50	0.00	3474.32
MW - 6	12/02/04	3499.82	sheen	25.50	0.00	3474.32
MW - 6	12/08/04	3499.82	sheen	25.40	0.00	3474.42
MW - 6	12/14/04	3499.82	sheen	25.38	0.00	3474.44
MW - 6	12/21/04	3499.82	sheen	25.40	0.00	3474.42
MW - 6	12/29/04	3499.82	sheen	25.34	0.00	3474.48
MW - 6	01/11/05	3499.82	sheen	25.23	0.00	3474.59
MW - 6	01/14/05	3499.82	sheen	25.41	0.00	3474.41
MW - 6	01/18/05	3499.82	sheen	25.27	0.00	3474.55
MW - 6	01/21/05	3499.82	sheen	25.20	0.00	3474.62
MW - 6	01/25/05	3499.82	sheen	25.26	0.00	3474.56
MW - 6	01/28/05	3499.82	sheen	25.23	0.00	3474.59
MW - 6	02/02/05	3499.82	sheen	24.29	0.00	3475.53
MW - 6	02/05/05	3499.82	sheen	25.21	0.00	3474.61
MW - 6	02/08/05	3499.82	sheen	25.23	0.00	3474.59
MW - 6	02/11/05	3499.82	sheen	25.17	0.00	3474.65
MW - 6	02/15/05	3499.82	sheen	25.33	0.00	3474.49
MW - 6	02/18/05	3499.82	sheen	25.33	0.00	3474.49
MW - 6	02/22/05	3499.82	sheen	25.21	0.00	3474.61
MW - 6	02/25/05	3499.82	sheen	25.34	0.00	3474.48
MW - 6	03/01/05	3499.82	sheen	25.25	0.00	3474.57
MW - 6	03/04/05	3499.82	sheen	25.30	0.00	3474.52
MW - 6	03/08/05	3499.82	sheen	25.15	0.00	3474.67
MW - 6	03/10/05	3499.82	sheen	25.15	0.00	3474.67
MW - 6	03/11/05	3499.82	sheen	25.81	0.00	3474.01
MW - 6	03/15/05	3499.82	sheen	25.78	0.00	3474.04
MW - 6	03/19/05	3499.82	sheen	25.76	0.00	3474.06
MW - 6	03/22/05	3499.82	sheen	25.25	0.00	3474.57
MW - 6	03/28/05	3499.82	sheen	25.07	0.00	3474.75
MW - 6	04/01/05	3499.82	sheen	25.82	0.00	3474.00
MW - 6	04/05/05	3499.82	sheen	25.13	0.00	3474.69

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	04/08/05	3499.82	sheen	25.14	0.00	3474.68
MW - 6	04/12/05	3499.82	sheen	25.15	0.00	3474.67
MW - 6	04/15/05	3499.82	sheen	25.13	0.00	3474.69
MW - 6	05/25/05	3499.82	sheen	24.88	0.00	3474.94
MW - 6	06/03/05	3499.82	sheen	24.76	0.00	3475.06
MW - 6	06/06/05	3499.82	sheen	24.80	0.00	3475.02
MW - 6	06/10/05	3499.82	sheen	24.69	0.00	3475.13
MW - 6	06/13/05	3499.82	sheen	24.89	0.00	3474.93
MW - 6	06/20/05	3499.82	sheen	24.88	0.00	3474.94
MW - 6	06/24/05	3499.82	sheen	24.84	0.00	3474.98
MW - 6	06/27/05	3499.82	sheen	24.86	0.00	3474.96
MW - 6	07/18/05	3499.82	sheen	25.13	0.00	3474.69
MW - 6	07/25/05	3499.82	sheen	25.20	0.00	3474.62
MW - 6	08/01/05	3499.82	25.25	25.26	0.01	3474.57
MW - 6	08/04/05	3499.82	sheen	25.28	0.00	3474.54
MW - 6	08/10/05	3499.82	sheen	25.29	0.00	3474.53
MW - 6	08/16/05	3499.82	sheen	25.37	0.00	3474.45
MW - 6	08/23/05	3499.82	sheen	25.11	0.00	3474.71
MW - 6	08/29/05	3499.82	sheen	25.03	0.00	3474.79
MW - 6	09/06/05	3499.82	sheen	25.04	0.00	3474.78
MW - 6	09/09/05	3499.82	-	25.02	0.00	3474.80
MW - 6	09/12/05	3499.82	25.02	25.03	0.01	3474.80
MW - 6	09/19/05	3499.82	sheen	25.20	0.00	3474.62
MW - 6	09/27/05	3499.82	sheen	25.23	0.00	3474.59
MW - 6	10/03/05	3499.82	sheen	25.29	0.00	3474.53
MW - 6	10/10/05	3499.82	sheen	25.13	0.00	3474.69
MW - 6	10/17/05	3499.82	sheen	25.09	0.00	3474.73
MW - 6	10/24/05	3499.82	sheen	25.09	0.00	3474.73
MW - 6	11/01/05	3499.82	sheen	24.99	0.00	3474.83
MW - 6	11/08/05	3499.82	sheen	24.94	0.00	3474.88
MW - 6	11/15/05	3499.82	25.09	25.10	0.01	3474.73
MW - 6	11/22/05	3499.82	sheen	24.96	0.00	3474.86
MW - 6	11/27/05	3499.82	sheen	24.92	0.00	3474.90
MW - 6	12/05/05	3499.82	-	24.92	0.00	3474.90
MW - 6	12/07/05	3499.82	sheen	24.98	0.00	3474.84
MW - 6	12/16/05	3499.82	sheen	24.88	0.00	3474.94
MW - 6	12/29/05	3499.82	sheen	24.90	0.00	3474.92
MW - 6	01/03/06	3499.82	sheen	24.90	0.00	3474.92
MW - 6	01/09/06	3499.82	sheen	24.99	0.00	3474.83
MW - 6	01/16/06	3499.82	sheen	24.84	0.00	3474.98
MW - 6	01/23/06	3499.82	sheen	25.01	0.00	3474.81
MW - 6	01/30/06	3499.82	sheen	25.04	0.00	3474.78
MW - 6	02/07/06	3499.82	sheen	24.97	0.00	3474.85
MW - 6	02/14/06	3499.82	24.88	24.89	0.01	3474.94
MW - 6	02/21/06	3499.82	24.85	24.86	0.01	3474.97
MW - 6	02/27/06	3499.82	24.89	24.90	0.01	3474.93

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	03/06/06	3499.82	sheen	24.91	0.00	3474.91
MW - 6	03/09/06	3499.82	sheen	24.84	0.00	3474.98
MW - 6	03/17/06	3499.82	sheen	25.10	0.00	3474.72
MW - 6	03/21/06	3499.82	sheen	25.03	0.00	3474.79
MW - 6	03/28/06	3499.82	sheen	25.02	0.00	3474.80
MW - 6	04/03/06	3499.82	sheen	25.42	0.00	3474.40
MW - 6	04/10/06	3499.82	sheen	24.83	0.00	3474.99
MW - 6	04/17/06	3499.82	sheen	24.83	0.00	3474.99
MW - 6	05/01/06	3499.82	24.86	24.87	0.01	3474.96
MW - 6	05/08/06	3499.82	sheen	24.84	0.00	3474.98
MW - 6	06/01/06	3499.82	sheen	25.15	0.00	3474.67
MW - 6	06/05/06	3499.82	sheen	25.11	0.00	3474.71
MW - 6	06/08/06	3499.82	25.25	25.32	0.07	3474.56
MW - 6	06/12/06	3499.82	25.30	25.34	0.04	3474.51
MW - 6	06/19/06	3499.82	25.38	25.39	0.01	3474.44
MW - 6	07/03/06	3499.82	sheen	25.52	0.00	3474.30
MW - 6	07/10/06	3499.82	sheen	25.57	0.00	3474.25
MW - 6	07/17/06	3499.82	-	25.37	0.00	3474.45
MW - 6	07/26/06	3499.82	sheen	25.50	0.00	3474.32
MW - 6	07/31/06	3499.82	sheen	25.55	0.00	3474.27
MW - 6	08/07/06	3499.82	sheen	25.64	0.00	3474.18
MW - 6	08/17/06	3499.82	-	25.51	0.00	3474.31
MW - 6	08/21/06	3499.82	sheen	24.26	0.00	3475.56
MW - 6	09/06/06	3499.82	sheen	24.94	0.00	3474.88
MW - 6	09/11/06	3499.82	sheen	24.97	0.00	3474.85
MW - 6	09/15/06	3499.82	-	24.89	0.00	3474.93
MW - 6	10/02/06	3499.82	sheen	24.95	0.00	3474.87
MW - 6	10/09/06	3499.82	sheen	24.95	0.00	3474.87
MW - 6	10/17/06	3499.82	sheen	24.90	0.00	3474.92
MW - 6	10/23/06	3499.82	sheen	24.89	0.00	3474.93
MW - 6	10/30/06	3499.82	sheen	24.87	0.00	3474.95
MW - 6	11/06/06	3499.82	sheen	24.85	0.00	3474.97
MW - 6	11/13/06	3499.82	sheen	24.92	0.00	3474.90
MW - 6	11/20/06	3499.82	sheen	24.92	0.00	3474.90
MW - 6	11/27/06	3499.82	sheen	24.79	0.00	3475.03
MW - 6	11/29/06	3499.82	sheen	24.80	0.00	3475.02
MW - 6	12/04/06	3499.82	sheen	24.92	0.00	3474.90
MW - 6	12/12/06	3499.82	sheen	24.92	0.00	3474.90
MW - 6	12/18/06	3499.82	sheen	24.93	0.00	3474.89
MW - 6	01/04/07	3499.82	sheen	24.77	0.00	3475.05
MW - 6	01/11/07	3499.82	sheen	24.82	0.00	3475.00
MW - 6	01/18/07	3499.82	sheen	24.94	0.00	3474.88
MW - 6	01/22/07	3499.82	sheen	24.92	0.00	3474.90
MW - 6	01/31/07	3499.82	sheen	24.79	0.00	3475.03
MW - 6	02/07/07	3499.82	sheen	24.84	0.00	3474.98
MW - 6	02/14/07	3499.82	sheen	24.91	0.00	3474.91

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	02/26/07	3499.82	sheen	24.87	0.00	3474.95
MW - 6	03/07/07	3499.82	sheen	24.97	0.00	3474.85
MW - 6	04/17/07	3499.82	sheen	24.66	0.00	3475.16
MW - 6	05/21/07	3499.82	-	24.38	0.00	3475.44
MW - 6	08/16/07	3499.82	-	24.95	0.00	3474.87
MW - 6	09/13/07	3499.82	sheen	24.33	0.00	3475.49
MW - 6	09/18/07	3499.82	sheen	23.21	0.00	3476.61
MW - 6	09/24/07	3499.82	sheen	24.68	0.00	3475.14
MW - 6	11/07/07	3499.82	sheen	24.72	0.00	3475.10
MW - 6	01/09/08	3499.82	-	24.63	0.00	3475.19
MW - 6	01/16/08	3499.82	-	24.78	0.00	3475.04
MW - 6	01/23/08	3499.82	-	24.82	0.00	3475.00
MW - 6	02/08/08	3499.82	-	24.80	0.00	3475.02
MW - 6	02/12/08	3499.82	-	24.78	0.00	3475.04
MW - 6	02/22/08	3499.82	-	24.82	0.00	3475.00
MW - 6	03/05/08	3499.82	-	24.81	0.00	3475.01
MW - 6	05/15/08	3499.82	-	24.91	0.00	3474.91
MW - 6	06/23/08	3499.82	-	25.28	0.00	3474.54
MW - 6	08/18/08	3499.82	-	25.85	0.00	3473.97
MW - 6	09/17/08	3499.82	-	25.54	0.00	3474.28
MW - 6	09/29/08	3499.82	-	25.51	0.00	3474.31
MW - 6	10/06/08	3499.82	-	25.54	0.00	3474.28
MW - 6	10/13/08	3499.82	-	25.69	0.00	3474.13
MW - 6	10/20/08	3499.82	-	25.45	0.00	3474.37
MW - 6	10/29/08	3499.82	-	25.41	0.00	3474.41
MW - 6	11/05/08	3499.82	-	25.34	0.00	3474.48
MW - 6	11/10/08	3499.82	-	25.41	0.00	3474.41
MW - 6	11/13/08	3499.82	-	25.31	0.00	3474.51
MW - 6	12/03/08	3499.82	-	26.14	0.00	3473.68
MW - 6	12/16/08	3499.82	-	25.37	0.00	3474.45
MW - 6	12/30/08	3499.82	sheen	25.39	0.00	3474.43
MW - 6	01/06/09	3499.82			0.00	3499.82
MW - 6	02/11/09	3499.82	-	25.42	0.00	3474.40
MW - 6	02/24/09	3499.82	-	23.39	0.00	3476.43
MW - 6	03/04/09	3499.82	-	25.36	0.00	3474.46
MW - 6	03/17/09	3499.82	-	25.41	0.00	3474.41
MW - 6	03/25/09	3499.82	-	25.42	0.00	3474.40
MW - 6	04/08/09	3499.82	-	25.40	0.00	3474.42
MW - 6	04/15/09	3499.82	-	25.43	0.00	3474.39
MW - 6	04/29/09	3499.82	-	25.43	0.00	3474.39
MW - 6	05/13/09	3499.82	-	25.41	0.00	3474.41
MW - 6	06/10/09	3499.82	-	25.43	0.00	3474.39
MW - 6	06/12/09	3499.82	-	25.83	0.00	3473.99
MW - 6	06/18/09	3499.82	-	25.43	0.00	3474.39
MW - 6	07/02/09	3499.82	-	25.99	0.00	3473.83
MW - 6	07/08/09	3499.82	-	25.38	0.00	3474.44

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	07/14/09	3499.82	-	25.71	0.00	3474.11
MW - 6	07/20/09	3499.82	-	25.72	0.00	3474.10
MW - 6	07/27/09	3499.82	-	25.73	0.00	3474.09
MW - 6	08/03/09	3499.82	-	26.11	0.00	3473.71
MW - 6	08/10/09	3499.82	-	26.18	0.00	3473.64
MW - 6	08/11/09	3499.82	-	26.18	0.00	3473.64
MW - 6	08/24/09	3499.82	-	26.36	0.00	3473.46
MW - 6	08/31/09	3499.82	-	26.42	0.00	3473.40
MW - 6	09/03/09	3499.82	-	26.38	0.00	3473.44
MW - 6	09/08/09	3499.82	-	26.51	0.00	3473.31
MW - 6	09/10/09	3499.82	-	26.55	0.00	3473.27
MW - 6	09/16/09	3499.82	-	26.48	0.00	3473.34
MW - 6	09/22/09	3499.82	-	26.59	0.00	3473.23
MW - 6	09/29/09	3499.82	-	25.73	0.00	3474.09
MW - 6	10/02/09	3499.82	-	26.49	0.00	3473.33
MW - 6	10/07/09	3499.82	-	26.53	0.00	3473.29
MW - 6	10/12/09	3499.82	-	25.38	0.00	3474.44
MW - 6	10/16/09	3499.82	-	26.36	0.00	3473.46
MW - 6	10/20/09	3499.82	-	25.37	0.00	3474.45
MW - 6	10/26/09	3499.82	-	25.37	0.00	3474.45
MW - 6	10/28/09	3499.82	-	26.50	0.00	3473.32
MW - 6	11/04/09	3499.82	-	26.65	0.00	3473.17
MW - 6	11/12/09	3499.82	-	26.50	0.00	3473.32
MW - 6	11/23/09	3499.82	-	26.54	0.00	3473.28
MW - 6	12/03/09	3499.82	-	26.64	0.00	3473.18
MW - 6	12/16/09	3499.82	-	26.62	0.00	3473.20
MW - 6	12/21/09	3499.82	-	26.54	0.00	3473.28
MW - 6	12/28/09	3499.82	-	25.37	0.00	3474.45
MW - 6	01/05/10	3499.82	-	26.59	0.00	3473.23
MW - 6	01/20/10	3499.82	-	25.39	0.00	3474.43
MW - 6	01/25/10	3499.82	-	25.40	0.00	3474.42
MW - 6	01/27/10	3499.82	-	26.61	0.00	3473.21
MW - 6	02/10/10	3499.82	-	26.62	0.00	3473.20
MW - 6	03/01/10	3499.82	-	25.41	0.00	3474.41
MW - 6	03/09/10	3499.82	-	26.63	0.00	3473.19
MW - 6	03/11/10	3499.82	-	26.63	0.00	3473.19
MW - 6	05/25/10	3499.82	-	26.22	0.00	3473.60
MW - 6	06/07/10	3499.82	-	26.43	0.00	3473.39
MW - 6	06/12/10	3499.82	-	26.54	0.00	3473.28
MW - 6	06/25/10	3499.82	-	26.63	0.00	3473.19
MW - 6	07/07/10	3499.82	-	26.32	0.00	3473.50
MW - 6	07/12/10	3499.82	-	25.95	0.00	3473.87
MW - 6	07/26/10	3499.82	DID NOT GAUGE		0.00	3499.82
MW - 6	08/03/10	3499.82	-	25.66	0.00	3474.16
MW - 6	08/13/10	3499.82	-	26.41	0.00	3473.41
MW - 6	08/19/10	3499.82	-	25.61	0.00	3474.21

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	08/25/10	3499.82	-	25.65	0.00	3474.17
MW - 6	09/01/10	3499.82	-	25.57	0.00	3474.25
MW - 6	09/09/10	3499.82	-	25.64	0.00	3474.18
MW - 6	09/13/10	3499.82	-	26.42	0.00	3473.40
MW - 6	09/26/10	3499.82	-	25.63	0.00	3474.19
MW - 6	10/05/10	3499.82	-	26.42	0.00	3473.40
MW - 6	10/25/10	3499.82	sheen	26.40	0.00	3473.42
MW - 6	11/03/10	3499.82	sheen	26.45	0.00	3473.37
MW - 6	11/10/10	3499.82	sheen	25.78	0.00	3474.04
MW - 6	11/17/10	3499.82	-	26.56	0.00	3473.26
MW - 6	12/09/10	3499.82	sheen	26.31	0.00	3473.51
MW - 6	01/18/11	3499.82	-	26.56	0.00	3473.26
MW - 6	02/22/11	3499.82	-	26.57	0.00	3473.25
MW - 6	03/01/11	3499.82	sheen	25.95	0.00	3473.87
MW - 6	03/07/11	3499.82	sheen	25.85	0.00	3473.97
MW - 6	03/22/11	3499.82	-	26.57	0.00	3473.25
MW - 6	04/27/11	3499.82	sheen	26.13	0.00	3473.69
MW - 6	05/05/11	3499.82	sheen	26.16	0.00	3473.66
MW - 6	05/10/11	3499.82	sheen	26.10	0.00	3473.72
MW - 6	05/17/11	3499.82	sheen	26.15	0.00	3473.67
MW - 6	05/17/11	3499.82	-	26.15	0.00	3473.67
MW - 6	05/24/11	3499.82	sheen	26.21	0.00	3473.61
MW - 6	06/07/11	3499.82	-	26.29	0.00	3473.53
MW - 6	06/14/11	3499.82	-	26.32	0.00	3473.50
MW - 6	06/23/11	3499.82	-	26.24	0.00	3473.58
MW - 6	06/28/11	3499.82	-	26.39	0.00	3473.43
MW - 6	07/06/11	3499.82	sheen	26.86	0.00	3472.96
MW - 6	07/14/11	3499.82	-	26.88	0.00	3472.94
MW - 6	07/27/11	3499.82	-	26.88	0.00	3472.94
MW - 6	08/03/11	3499.82	-	27.14	0.00	3472.68
MW - 6	08/11/11	3499.82	-	27.25	0.00	3472.57
MW - 6	08/18/11	3499.82	-	27.15	0.00	3472.67
MW - 6	08/25/11	3499.82	-	27.20	0.00	3472.62
MW - 6	09/02/11	3499.82	-	27.27	0.00	3472.55
MW - 6	09/09/11	3499.82	-	27.41	0.00	3472.41
MW - 6	11/08/11	3499.82	-	27.38	0.00	3472.44
MW - 6	12/28/11	3499.82	-	27.24	0.00	3472.58
MW - 6	01/05/12	3499.82	-	27.24	0.00	3472.58
MW - 6	01/18/12	3499.82	-	27.15	0.00	3472.67
MW - 6	01/27/12	3499.82	-	27.18	0.00	3472.64
MW - 6	02/02/12	3499.82	-	27.12	0.00	3472.70
MW - 6	02/10/12	3499.82	-	27.24	0.00	3472.58
MW - 6	02/15/12	3499.82	-	27.18	0.00	3472.64
MW - 6	03/01/12	3499.82	-	27.02	0.00	3472.80
MW - 6	03/07/12	3499.82	-	27.09	0.00	3472.73
MW - 6	03/14/12	3499.82	-	27.09	0.00	3472.73

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	03/19/12	3499.82	-	27.02	0.00	3472.80
MW - 6	03/26/12	3499.82	-	27.03	0.00	3472.79
MW - 6	04/04/12	3499.82	-	27.09	0.00	3472.73
MW - 6	04/11/12	3499.82	-	27.02	0.00	3472.80
MW - 6	04/17/12	3499.82	-	27.05	0.00	3472.77
MW - 6	04/25/12	3499.82	-	26.99	0.00	3472.83
MW - 6	05/23/12	3499.82	-	27.08	0.00	3472.74
MW - 6	05/31/12	3499.82	-	27.19	0.00	3472.63
MW - 6	06/06/12	3499.82	-	27.19	0.00	3472.63
MW - 6	06/13/12	3499.82	-	27.28	0.00	3472.54
MW - 6	06/20/12	3499.82	-	27.22	0.00	3472.60
MW - 6	07/11/12	3499.82	-	27.25	0.00	3472.57
MW - 6	07/18/12	3499.82	-	27.32	0.00	3472.50
MW - 6	08/02/12	3499.82	-	27.58	0.00	3472.24
MW - 6	08/09/12	3499.82	-	27.68	0.00	3472.14
MW - 6	08/16/12	3499.82	-	27.79	0.00	3472.03
MW - 6	10/02/12	3499.82	-	27.91	0.00	3471.91
MW - 6	10/10/12	3499.82	-	27.88	0.00	3471.94
MW - 6	10/17/12	3499.82	-	27.73	0.00	3472.09
MW - 6	10/26/12	3499.82	-	27.83	0.00	3471.99
MW - 6	11/01/12	3499.82	-	27.70	0.00	3472.12
MW - 6	11/19/12	3499.82	-	27.64	0.00	3472.18
MW - 6	12/13/12	3499.82	-	27.59	0.00	3472.23
MW - 6	12/18/12	3499.82	-	27.55	0.00	3472.27
MW - 6	01/08/13	3499.82	-	27.55	0.00	3472.27
MW - 6	01/16/13	3499.82	-	27.59	0.00	3472.23
MW - 6	01/24/13	3499.82	-	27.57	0.00	3472.25
MW - 6	01/30/13	3499.82	-	27.57	0.00	3472.25
MW - 6	02/12/13	3499.82	-	27.50	0.00	3472.32
MW - 6	03/19/13	3499.82	-	27.43	0.00	3472.39
MW - 6	04/02/13	3499.82	-	27.47	0.00	3472.35
MW - 6	04/08/13	3499.82	-	27.39	0.00	3472.43
MW - 6	04/16/13	3499.82	-	27.47	0.00	3472.35
MW - 6	04/23/13	3499.82	-	27.52	0.00	3472.30
MW - 6	05/01/13	3499.82	-	27.46	0.00	3472.36
MW - 6	05/08/13	3499.82	-	27.44	0.00	3472.38
MW - 6	05/15/13	3499.82	-	27.38	0.00	3472.44
MW - 6	05/17/13	3499.82	-	27.44	0.00	3472.38
MW - 6	05/23/13	3499.82	-	27.49	0.00	3472.33
MW - 6	05/29/13	3499.82	-	27.45	0.00	3472.37
MW - 6	06/12/13	3499.82	-	26.76	0.00	3473.06
MW - 6	06/19/13	3499.82	-	27.87	0.00	3471.95
MW - 6	06/27/13	3499.82	-	28.02	0.00	3471.80
MW - 6	07/02/13	3499.82	-	28.09	0.00	3471.73
MW - 6	07/08/13	3499.82	-	28.15	0.00	3471.67
MW - 6	07/15/13	3499.82	-	28.23	0.00	3471.59

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	07/23/13	3499.82	-	28.13	0.00	3471.69
MW - 6	07/29/13	3499.82	-	28.07	0.00	3471.75
MW - 6	08/07/13	3499.82	-	28.13	0.00	3471.69
MW - 6	08/15/13	3499.82	-	28.14	0.00	3471.68
MW - 6	08/20/13	3499.82	-	28.34	0.00	3471.48
MW - 6	08/28/13	3499.82	-	28.34	0.00	3471.48
MW - 6	09/05/13	3499.82	-	28.47	0.00	3471.35
MW - 6	09/09/13	3499.82	-	28.39	0.00	3471.43
MW - 6	09/18/13	3499.82	-	28.46	0.00	3471.36
MW - 6	09/28/13	3499.82	-	28.54	0.00	3471.28
MW - 6	10/01/13	3499.82	-	28.47	0.00	3471.35
MW - 6	10/08/13	3499.82	-	28.43	0.00	3471.39
MW - 6	10/14/13	3499.82	-	28.49	0.00	3471.33
MW - 6	10/23/13	3499.82	-	28.38	0.00	3471.44
MW - 6	10/29/13	3499.82	-	28.25	0.00	3471.57
MW - 6	11/16/13	3499.82	-	28.11	0.00	3471.71
MW - 6	11/27/13	3499.82	-	28.27	0.00	3471.55
MW - 6	12/02/13	3499.82	-	27.99	0.00	3471.83
MW - 6	12/14/13	3499.82	-	28.22	0.00	3471.60
MW - 6	12/19/13	3499.82	-	27.90	0.00	3471.92
MW - 6	12/24/13	3499.82	-	28.02	0.00	3471.80
MW - 6	01/02/14	3499.82	-	28.00	0.00	3471.82
MW - 6	01/07/14	3499.82	-	27.94	0.00	3471.88
MW - 6	01/14/14	3499.82	-	28.04	0.00	3471.78
MW - 6	01/21/14	3499.82	-	27.92	0.00	3471.90
MW - 6	01/31/14	3499.82	-	27.91	0.00	3471.91
MW - 6	02/10/14	3499.82	-	27.96	0.00	3471.86
MW - 6	02/27/14	3499.82	-	27.85	0.00	3471.97
MW - 6	03/06/14	3499.82	-	27.85	0.00	3471.97
MW - 6	03/13/14	3499.82	-	27.90	0.00	3471.92
MW - 6	03/25/14	3499.82	-	27.90	0.00	3471.92
MW - 6	04/03/14	3499.82	-	27.81	0.00	3472.01
MW - 6	04/07/14	3499.82	-	27.87	0.00	3471.95
MW - 6	04/14/14	3499.82	-	27.95	0.00	3471.87
MW - 6	04/23/14	3499.82	-	27.77	0.00	3472.05
MW - 6	04/28/14	3499.82	27.86	27.88	0.02	3471.96
MW - 6	05/05/14	3499.82	27.83	27.92	0.09	3471.98
MW - 6	05/14/14	3499.82	27.90	28.15	0.25	3471.88
MW - 6	05/22/14	3499.82	27.98	28.05	0.07	3471.83
MW - 6	05/28/14	3499.82	28.03	28.29	0.26	3471.75
MW - 6	06/02/14	3499.82	28.14	28.39	0.25	3471.64
MW - 6	06/12/14	3499.82	28.41	28.72	0.31	3471.36
MW - 6	06/17/14	3499.82	28.44	28.55	0.11	3471.36
MW - 6	06/25/14	3499.82	28.51	28.63	0.12	3471.29
MW - 6	06/30/14	3499.82	-	28.61	0.00	3471.21
MW - 6	07/11/14	3499.82	-	28.68	0.00	3471.14

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	07/14/14	3499.82	-	28.67	0.00	3471.15
MW - 6	07/22/14	3499.82	-	28.78	0.00	3471.04
MW - 6	07/23/14	3499.82	-	28.78	0.00	3471.04
MW - 6	08/05/14	3499.82	-	28.86	0.00	3470.96
MW - 6	08/12/14	3499.82	28.91	28.99	0.08	3470.90
MW - 6	08/13/14	3499.82	28.81	28.96	0.15	3470.99
MW - 6	08/27/14	3499.82	29.05	29.07	0.02	3470.77
MW - 6	09/17/14	3499.82	28.53	28.75	0.22	3471.26
MW - 6	09/23/14	3499.82	28.17	29.03	0.86	3471.52
MW - 6	10/10/14	3499.82	27.51	27.63	0.12	3472.29
MW - 6	10/15/14	3499.82	27.41	27.64	0.23	3472.38
MW - 6	10/16/14	3499.82	28.09	28.37	0.28	3471.69
MW - 6	10/20/14	3499.82	-	27.63	0.00	3472.19
MW - 6	10/24/14	3499.82	27.35	27.64	0.29	3472.43
MW - 6	10/27/14	3499.82	27.29	27.45	0.16	3472.51
MW - 6	10/28/14	3499.82	-	-	-	-
MW - 6	11/04/14	3499.82	27.28	27.55	0.27	3472.50
MW - 6	11/06/14	3499.82	27.23	27.44	0.21	3472.56
MW - 6	11/11/14	3499.82	27.02	27.31	0.29	3472.76
MW - 6	11/18/14	3499.82	26.91	27.14	0.23	3472.88
MW - 6	12/02/14	3499.82	26.99	27.04	0.05	3472.82
MW - 6	12/09/14	3499.82	26.90	27.05	0.15	3472.90
MW - 6	12/11/14	3499.82	26.91	26.96	0.05	3472.90
MW - 6	12/17/14	3499.82	26.82	26.87	0.05	3472.99
MW - 6	12/23/14	3499.82	26.91	27.13	0.22	3472.88
MW - 6	12/30/14	3499.82	26.98	27.18	0.20	3472.81
MW - 7	06/07/02	3498.33	26.86	27.47	0.61	3471.38
MW - 7	09/27/02	3498.33	26.76	28.70	1.94	3471.28
MW - 7	10/29/02	3498.33	-	27.23	0.00	3471.10
MW - 7	11/07/02	3498.33	26.68	27.01	0.33	3471.60
MW - 7	12/04/02	3498.33	26.68	27.01	0.33	3471.60
MW - 7	01/07/03	3498.33	27.05	27.50	0.45	3471.21
MW - 7	01/27/03	3498.33	26.83	26.91	0.08	3471.49
MW - 7	02/25/03	3498.33	26.77	27.39	0.62	3471.47
MW - 7	03/06/03	3498.33	26.97	27.38	0.41	3471.30
MW - 7	03/11/03	3498.33	26.81	27.41	0.60	3471.43
MW - 7	03/20/03	3498.33	27.04	27.45	0.41	3471.23
MW - 7	03/25/03	3498.33	26.94	27.03	0.09	3471.38
MW - 7	04/02/03	3498.33	26.77	26.79	0.02	3471.56
MW - 7	04/16/03	3498.33	26.92	27.25	0.33	3471.36
MW - 7	04/23/03	3498.33	26.74	27.30	0.56	3471.51
MW - 7	04/29/03	3498.33	26.76	27.32	0.56	3471.49
MW - 7	05/15/03	3498.33	26.87	27.51	0.64	3471.36
MW - 7	05/22/03	3498.33	27.00	27.16	0.16	3471.31
MW - 7	05/28/03	3498.33	27.29	27.47	0.18	3471.01

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	06/04/03	3498.33	27.06	27.39	0.33	3471.22
MW - 7	06/10/03	3498.33	27.31	27.51	0.20	3470.99
MW - 7	06/26/03	3498.33	27.11	27.56	0.45	3471.15
MW - 7	07/07/03	3498.33	27.63	27.75	0.12	3470.68
MW - 7	07/30/03	3498.33	27.61	27.74	0.13	3470.70
MW - 7	08/05/03	3498.33	27.99	29.40	1.41	3470.13
MW - 7	08/21/03	3498.33	28.04	30.31	2.27	3469.95
MW - 7	08/26/03	3498.33	28.16	30.57	2.41	3469.81
MW - 7	09/08/03	3498.33	28.17	31.02	2.85	3469.73
MW - 7	09/15/03	3498.33	28.20	31.00	2.80	3469.71
MW - 7	09/24/03	3498.33	28.18	28.67	0.49	3470.08
MW - 7	10/02/03	3498.33	28.04	31.28	3.24	3469.80
MW - 7	10/08/03	3498.33	27.95	31.32	3.37	3469.87
MW - 7	10/16/03	3498.33	28.29	31.68	3.39	3469.53
MW - 7	10/28/03	3498.33	28.24	31.71	3.47	3469.57
MW - 7	11/11/03	3498.33	28.51	30.80	2.29	3469.48
MW - 7	11/18/03	3498.33	28.31	30.70	2.39	3469.66
MW - 7	11/25/03	3498.33	28.06	30.28	2.22	3469.94
MW - 7	12/08/03	3498.33	28.08	30.36	2.28	3469.91
MW - 7	01/27/04	3498.33	28.64	31.11	2.47	3469.32
MW - 7	02/02/04	3498.33	28.70	31.14	2.44	3469.26
MW - 7	02/10/04	3498.33	28.05	30.66	2.61	3469.89
MW - 7	02/20/04	3498.33	28.17	31.11	2.94	3469.72
MW - 7	03/04/04	3498.33	28.07	30.67	2.60	3469.87
MW - 7	03/16/04	3498.33	28.42	30.08	1.66	3469.66
MW - 7	03/25/04	3498.33	28.48	30.06	1.58	3469.61
MW - 7	03/31/04	3498.33	28.46	30.04	1.58	3469.63
MW - 7	04/01/04	3498.33	28.47	29.91	1.44	3469.64
MW - 7	04/08/04	3498.33	25.10	26.72	1.62	3472.99
MW - 7	04/14/04	3498.33	24.21	27.00	2.79	3473.70
MW - 7	04/16/04	3498.33	24.66	27.65	2.99	3473.22
MW - 7	04/22/04	3498.33	24.20	27.43	3.23	3473.65
MW - 7	04/29/04	3498.33	24.54	27.49	2.95	3473.35
MW - 7	05/05/04	3498.33	25.10	27.83	2.73	3472.82
MW - 7	05/10/04	3498.33	24.88	27.44	2.56	3473.07
MW - 7	06/08/04	3498.33	25.30	27.68	2.38	3472.67
MW - 7	06/17/04	3498.33	25.57	27.81	2.24	3472.42
MW - 7	06/22/04	3498.33	25.62	27.84	2.22	3472.38
MW - 7	06/25/04	3498.33	25.58	27.88	2.30	3472.41
MW - 7	06/29/04	3498.33	25.51	27.80	2.29	3472.48
MW - 7	07/01/04	3498.33	25.55	27.89	2.34	3472.43
MW - 7	07/08/04	3498.33	25.48	27.83	2.35	3472.50
MW - 7	07/13/04	3498.33	25.61	27.92	2.31	3472.37
MW - 7	07/20/04	3498.33	25.64	28.06	2.42	3472.33
MW - 7	08/04/04	3498.33	25.67	28.05	2.38	3472.30
MW - 7	08/10/04	3498.33	25.69	28.04	2.35	3472.29

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	08/17/04	3498.33	25.95	28.18	2.23	3472.05
MW - 7	08/23/04	3498.33	25.40	28.10	2.70	3472.53
MW - 7	08/25/04	3498.33	25.50	28.22	2.72	3472.42
MW - 7	08/31/04	3498.33	25.81	28.24	2.43	3472.16
MW - 7	09/13/04	3498.33	25.99	27.76	1.77	3472.07
MW - 7	09/20/04	3498.33	26.11	27.70	1.59	3471.98
MW - 7	09/30/04	3498.33	26.26	27.73	1.47	3471.85
MW - 7	10/04/04	3498.33	23.32	27.15	3.83	3474.44
MW - 7	10/11/04	3498.33	22.99	26.55	3.56	3474.81
MW - 7	10/18/04	3498.33	23.35	26.40	3.05	3474.52
MW - 7	10/27/04	3498.33	23.59	26.10	2.51	3474.36
MW - 7	11/02/04	3498.33	24.25	26.30	2.05	3473.77
MW - 7	11/08/04	3498.33	24.35	26.35	2.00	3473.68
MW - 7	11/15/04	3498.33	24.00	24.22	0.22	3474.30
MW - 7	11/23/04	3498.33	24.10	24.60	0.50	3474.16
MW - 7	12/01/04	3498.33	23.79	24.40	0.61	3474.45
MW - 7	12/02/04	3498.33	23.79	24.40	0.61	3474.45
MW - 7	12/08/04	3498.33	23.97	24.88	0.91	3474.22
MW - 7	12/14/04	3498.33	23.99	25.40	1.41	3474.13
MW - 7	12/21/04	3498.33	24.00	25.55	1.55	3474.10
MW - 7	12/29/04	3498.33	24.00	25.40	1.40	3474.12
MW - 7	01/11/05	3498.33	23.98	25.61	1.63	3474.11
MW - 7	01/18/05	3498.33	24.69	24.71	0.02	3473.64
MW - 7	01/21/05	3498.33	24.10	24.20	0.10	3474.22
MW - 7	01/25/05	3498.33	24.15	24.25	0.10	3474.17
MW - 7	01/28/05	3498.33	24.16	24.33	0.17	3474.14
MW - 7	02/02/05	3498.33	24.23	24.51	0.28	3474.06
MW - 7	02/05/05	3498.33	24.11	24.36	0.25	3474.18
MW - 7	02/08/05	3498.33	24.19	24.50	0.31	3474.09
MW - 7	02/11/05	3498.33	24.26	24.48	0.22	3474.04
MW - 7	02/15/05	3498.33	sheen	24.55	0.00	3473.78
MW - 7	02/18/05	3498.33	24.22	24.53	0.31	3474.06
MW - 7	02/22/05	3498.33	24.14	24.60	0.46	3474.12
MW - 7	02/25/05	3498.33	24.21	24.94	0.73	3474.01
MW - 7	03/01/05	3498.33	24.13	24.74	0.61	3474.11
MW - 7	03/04/05	3498.33	24.22	25.05	0.83	3473.99
MW - 7	03/08/05	3498.33	24.08	24.89	0.81	3474.13
MW - 7	03/10/05	3498.33	24.08	24.89	0.81	3474.13
MW - 7	03/11/05	3498.33	24.12	24.90	0.78	3474.09
MW - 7	03/15/05	3498.33	24.18	24.83	0.65	3474.05
MW - 7	03/19/05	3498.33	24.17	24.83	0.66	3474.06
MW - 7	03/22/05	3498.33	24.05	24.90	0.85	3474.15
MW - 7	03/28/05	3498.33	23.90	24.44	0.54	3474.35
MW - 7	04/01/05	3498.33	24.10	24.59	0.49	3474.16
MW - 7	04/05/05	3498.33	23.92	24.70	0.78	3474.29
MW - 7	04/08/05	3498.33	23.95	24.69	0.74	3474.27

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	04/12/05	3498.33	23.94	24.80	0.86	3474.26
MW - 7	04/15/05	3498.33	23.97	24.65	0.68	3474.26
MW - 7	05/25/05	3498.33	24.16	24.53	0.37	3474.11
MW - 7	06/03/05	3498.33	23.53	24.31	0.78	3474.68
MW - 7	06/06/05	3498.33	23.59	24.30	0.71	3474.63
MW - 7	06/10/05	3498.33	23.55	24.30	0.75	3474.67
MW - 7	06/13/05	3498.33	23.70	25.08	1.38	3474.42
MW - 7	06/20/05	3498.33	23.80	24.37	0.57	3474.44
MW - 7	06/24/05	3498.33	23.74	24.27	0.53	3474.51
MW - 7	06/27/05	3498.33	23.79	24.08	0.29	3474.50
MW - 7	07/18/05	3498.33	24.01	24.49	0.48	3474.25
MW - 7	07/25/05	3498.33	23.98	24.42	0.44	3474.28
MW - 7	08/01/05	3498.33	24.15	24.76	0.61	3474.09
MW - 7	08/04/05	3498.33	24.19	24.77	0.58	3474.05
MW - 7	08/10/05	3498.33	24.20	24.53	0.33	3474.08
MW - 7	08/16/05	3498.33	24.30	24.72	0.42	3473.97
MW - 7	08/23/05	3498.33	23.70	24.00	0.30	3474.59
MW - 7	08/29/05	3498.33	23.75	24.03	0.28	3474.54
MW - 7	09/06/05	3498.33	23.86	24.08	0.22	3474.44
MW - 7	09/09/05	3498.33	23.70	24.11	0.41	3474.57
MW - 7	09/12/05	3498.33	23.84	24.12	0.28	3474.45
MW - 7	09/19/05	3498.33	24.05	24.80	0.75	3474.17
MW - 7	09/27/05	3498.33	24.12	24.70	0.58	3474.12
MW - 7	10/03/05	3498.33	24.19	24.79	0.60	3474.05
MW - 7	10/10/05	3498.33	23.98	25.05	1.07	3474.19
MW - 7	10/17/05	3498.33	24.42	24.82	0.40	3473.85
MW - 7	10/24/05	3498.33	23.88	25.27	1.39	3474.24
MW - 7	11/01/05	3498.33	23.88	24.30	0.42	3474.39
MW - 7	11/08/05	3498.33	23.94	24.28	0.34	3474.34
MW - 7	11/15/05	3498.33	24.01	24.63	0.62	3474.23
MW - 7	11/22/05	3498.33	23.84	24.40	0.56	3474.41
MW - 7	11/27/05	3498.33	23.98	24.14	0.16	3474.33
MW - 7	12/05/05	3498.33	23.87	24.11	0.24	3474.42
MW - 7	12/07/05	3498.33	23.96	24.21	0.25	3474.33
MW - 7	12/16/05	3498.33	23.90	24.10	0.20	3474.40
MW - 7	12/29/05	3498.33	23.77	24.11	0.34	3474.51
MW - 7	01/03/06	3498.33	23.91	24.10	0.19	3474.39
MW - 7	01/09/06	3498.33	23.98	24.50	0.52	3474.27
MW - 7	01/16/06	3498.33	23.71	24.00	0.29	3474.58
MW - 7	01/23/06	3498.33	23.98	24.30	0.32	3474.30
MW - 7	01/30/06	3498.33	24.01	24.28	0.27	3474.28
MW - 7	02/07/06	3498.33	23.90	24.13	0.23	3474.40
MW - 7	02/09/06	3498.33	24.11	24.60	0.49	3474.15
MW - 7	02/14/06	3498.33	23.77	24.22	0.45	3474.49
MW - 7	02/21/06	3498.33	23.88	24.29	0.41	3474.39
MW - 7	02/27/06	3498.33	23.80	24.02	0.22	3474.50

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PLAINS MARKETING, L.P.
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LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	03/06/06	3498.33	23.84	24.05	0.21	3474.46
MW - 7	03/09/06	3498.33	23.69	23.85	0.16	3474.62
MW - 7	03/17/06	3498.33	24.10	24.24	0.14	3474.21
MW - 7	03/21/06	3498.33	24.03	24.26	0.23	3474.27
MW - 7	03/28/06	3498.33	24.08	24.24	0.16	3474.23
MW - 7	04/03/06	3498.33	23.98	24.09	0.11	3474.33
MW - 7	04/10/06	3498.33	23.73	23.81	0.08	3474.59
MW - 7	04/17/06	3498.33	23.70	23.82	0.12	3474.61
MW - 7	05/01/06	3498.33	23.78	24.04	0.26	3474.51
MW - 7	05/08/06	3498.33	23.73	23.98	0.25	3474.56
MW - 7	05/15/06	3498.33	23.99	24.76	0.77	3474.22
MW - 7	06/01/06	3498.33	24.13	24.27	0.14	3474.18
MW - 7	06/05/06	3498.33	24.03	24.15	0.12	3474.28
MW - 7	06/08/06	3498.33	24.21	24.30	0.09	3474.11
MW - 7	06/12/06	3498.33	24.31	24.40	0.09	3474.01
MW - 7	07/03/06	3498.33	24.46	26.69	2.23	3473.54
MW - 7	07/10/06	3498.33	24.43	24.53	0.10	3473.89
MW - 7	07/17/06	3498.33	24.04	24.22	0.18	3474.26
MW - 7	07/26/06	3498.33	24.29	24.39	0.10	3474.03
MW - 7	07/31/06	3498.33	24.37	24.49	0.12	3473.94
MW - 7	08/07/06	3498.33	25.37	25.52	0.15	3472.94
MW - 7	08/17/06	3498.33	24.29	24.49	0.20	3474.01
MW - 7	08/21/06	3498.33	24.02	24.30	0.28	3474.27
MW - 7	09/06/06	3498.33	23.16	23.38	0.22	3475.14
MW - 7	09/11/06	3498.33	23.32	23.56	0.24	3474.97
MW - 7	09/15/06	3498.33	23.36	23.64	0.28	3474.93
MW - 7	10/02/06	3498.33	23.39	23.66	0.27	3474.90
MW - 7	10/09/06	3498.33	23.73	24.75	1.02	3474.45
MW - 7	10/17/06	3498.33	23.71	24.00	0.29	3474.58
MW - 7	10/23/06	3498.33	23.83	24.20	0.37	3474.44
MW - 7	10/30/06	3498.33	23.80	24.16	0.36	3474.48
MW - 7	11/06/06	3498.33	23.82	23.83	0.01	3474.51
MW - 7	11/13/06	3498.33	23.80	23.91	0.11	3474.51
MW - 7	11/20/06	3498.33	23.92	24.12	0.20	3474.38
MW - 7	11/27/06	3498.33	23.73	23.84	0.11	3474.58
MW - 7	11/29/06	3498.33	23.74	23.85	0.11	3474.57
MW - 7	12/04/06	3498.33	23.91	24.23	0.32	3474.37
MW - 7	12/12/06	3498.33	23.83	23.92	0.09	3474.49
MW - 7	12/18/06	3498.33	23.83	23.94	0.11	3474.48
MW - 7	01/04/07	3498.33	23.58	23.75	0.17	3474.72
MW - 7	01/11/07	3498.33	23.65	23.77	0.12	3474.66
MW - 7	01/18/07	3498.33	23.82	23.94	0.12	3474.49
MW - 7	01/22/07	3498.33	23.82	23.92	0.10	3474.50
MW - 7	01/31/07	3498.33	23.63	23.74	0.11	3474.68
MW - 7	02/07/07	3498.33	23.74	23.88	0.14	3474.57
MW - 7	02/14/07	3498.33	23.79	23.99	0.20	3474.51

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	02/26/07	3498.33	23.74	23.99	0.25	3474.55
MW - 7	03/07/07	3498.33	23.88	24.33	0.45	3474.38
MW - 7	04/03/07	3498.33	23.56	23.76	0.20	3474.74
MW - 7	04/09/07	3498.33	23.33	23.63	0.30	3474.96
MW - 7	04/17/07	3498.33	23.43	23.75	0.32	3474.85
MW - 7	05/01/07	3498.33	23.47	23.53	0.06	3474.85
MW - 7	05/07/07	3498.33	23.46	23.51	0.05	3474.86
MW - 7	05/17/07	3498.33	22.98	23.12	0.14	3475.33
MW - 7	05/21/07	3498.33	22.91	23.41	0.50	3475.35
MW - 7	05/22/07	3498.33	22.91	23.41	0.50	3475.35
MW - 7	06/01/07	3498.33	23.03	23.09	0.06	3475.29
MW - 7	06/06/07	3498.33	23.01	23.09	0.08	3475.31
MW - 7	06/11/07	3498.33	23.16	23.41	0.25	3475.13
MW - 7	06/19/07	3498.33	23.28	23.39	0.11	3475.03
MW - 7	06/25/07	3498.33	23.30	23.38	0.08	3475.02
MW - 7	07/03/07	3498.33	23.39	23.49	0.10	3474.93
MW - 7	07/23/07	3498.33	23.63	23.68	0.05	3474.69
MW - 7	07/30/07	3498.33	23.73	24.04	0.31	3474.55
MW - 7	08/06/07	3498.33	23.81	24.06	0.25	3474.48
MW - 7	08/13/07	3498.33	23.92	24.01	0.09	3474.40
MW - 7	08/16/07	3498.33	23.92	24.11	0.19	3474.38
MW - 7	08/27/07	3498.33	24.04	24.12	0.08	3474.28
MW - 7	09/07/07	3498.33	24.15	24.28	0.13	3474.16
MW - 7	09/13/07	3498.33	23.33	23.37	0.04	3474.99
MW - 7	09/18/07	3498.33	sheen	23.21	0.00	3475.12
MW - 7	09/24/07	3498.33	sheen	23.26	0.00	3475.07
MW - 7	10/01/07	3498.33	sheen	23.39	0.00	3474.94
MW - 7	10/08/07	3498.33	sheen	23.56	0.00	3474.77
MW - 7	10/15/07	3498.33	sheen	23.59	0.00	3474.74
MW - 7	11/05/07	3498.33	sheen	23.54	0.00	3474.79
MW - 7	11/07/07	3498.33	sheen	23.52	0.00	3474.81
MW - 7	11/12/07	3498.33	sheen	25.62	0.00	3472.71
MW - 7	11/19/07	3498.33	sheen	23.52	0.00	3474.81
MW - 7	11/28/07	3498.33	23.54	23.56	0.00	3474.77
MW - 7	12/03/07	3498.33	sheen	23.73	0.00	3474.60
MW - 7	12/14/07	3498.33	sheen	23.59	0.00	3474.74
MW - 7	01/09/08	3498.33	-	23.51	0.00	3474.82
MW - 7	01/16/08	3498.33	-	23.63	0.00	3474.70
MW - 7	01/23/08	3498.33	-	23.76	0.00	3474.57
MW - 7	02/08/08	3498.33	-	23.76	0.00	3474.57
MW - 7	02/12/08	3498.33	-	23.77	0.00	3474.56
MW - 7	02/22/08	3498.33	-	23.78	0.00	3474.55
MW - 7	02/22/08	3498.33	-	23.81	0.00	3474.52
MW - 7	03/19/08	3498.33	-	23.93	0.00	3474.40
MW - 7	04/03/08	3498.33	-	23.76	0.00	3474.57
MW - 7	04/14/08	3498.33	-	23.81	0.00	3474.52

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	05/14/08	3498.33	-	23.85	0.00	3474.48
MW - 7	06/09/08	3498.33	-	24.12	0.00	3474.21
MW - 7	06/23/08	3498.33	-	24.21	0.00	3474.12
MW - 7	07/22/08	3498.33	-	24.55	0.00	3473.78
MW - 7	08/04/08	3498.33	-	24.68	0.00	3473.65
MW - 7	08/18/08	3498.33	-	24.74	0.00	3473.59
MW - 7	09/02/08	3498.33	-	24.39	0.00	3473.94
MW - 7	09/17/08	3498.33	-	24.15	0.00	3474.18
MW - 7	09/29/08	3498.33	-	24.34	0.00	3473.99
MW - 7	10/06/08	3498.33	-	24.40	0.00	3473.93
MW - 7	10/13/08	3498.33	-	24.42	0.00	3473.91
MW - 7	10/20/08	3498.33	-	23.92	0.00	3474.41
MW - 7	10/29/08	3498.33	-	24.12	0.00	3474.21
MW - 7	11/05/08	3498.33	-	26.12	0.00	3472.21
MW - 7	11/10/08	3498.33	-	24.23	0.00	3474.10
MW - 7	11/13/08	3498.33	-	24.13	0.00	3474.20
MW - 7	12/03/08	3498.33	-	27.16	0.00	3471.17
MW - 7	12/16/08	3498.33	-	26.24	0.00	3472.09
MW - 7	12/30/08	3498.33	24.21	24.22	0.01	3474.12
MW - 7	01/06/09	3498.33	-	-	0.00	-
MW - 7	02/11/09	3498.33	-	24.42	0.00	3473.91
MW - 7	02/24/09	3498.33	-	24.33	0.00	3474.00
MW - 7	03/04/09	3498.33	-	24.35	0.00	3473.98
MW - 7	03/17/09	3498.33	-	24.35	0.00	3473.98
MW - 7	03/25/09	3498.33	-	24.36	0.00	3473.97
MW - 7	04/08/09	3498.33	-	24.29	0.00	3474.04
MW - 7	04/15/09	3498.33	-	24.35	0.00	3473.98
MW - 7	04/29/09	3498.33	-	24.34	0.00	3473.99
MW - 7	05/13/09	3498.33	-	24.31	0.00	3474.02
MW - 7	06/01/09	3498.33	-	24.65	0.00	3473.68
MW - 7	06/10/09	3498.33	-	24.33	0.00	3474.00
MW - 7	06/12/09	3498.33	-	24.75	0.00	3473.58
MW - 7	06/18/09	3498.33	-	24.34	0.00	3473.99
MW - 7	06/24/09	3498.33	-	24.89	0.00	3473.44
MW - 7	07/02/09	3498.33	-	24.98	0.00	3473.35
MW - 7	07/08/09	3498.33	-	24.30	0.00	3474.03
MW - 7	07/14/09	3498.33	-	25.01	0.00	3473.32
MW - 7	07/20/09	3498.33	-	25.01	0.00	3473.32
MW - 7	07/27/09	3498.33	-	25.01	0.00	3473.32
MW - 7	08/03/09	3498.33	-	25.00	0.00	3473.33
MW - 7	08/10/09	3498.33	-	25.18	0.00	3473.15
MW - 7	08/11/09	3498.33	-	25.22	0.00	3473.11
MW - 7	08/18/09	3498.33	-	25.28	0.00	3473.05
MW - 7	08/24/09	3498.33	-	25.28	0.00	3473.05
MW - 7	08/31/09	3498.33	-	25.41	0.00	3472.92
MW - 7	09/03/09	3498.33	-	25.31	0.00	3473.02

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	09/08/09	3498.33	-	25.49	0.00	3472.84
MW - 7	09/10/09	3498.33	-	25.50	0.00	3472.83
MW - 7	09/16/09	3498.33	-	25.46	0.00	3472.87
MW - 7	09/22/09	3498.33	-	25.69	0.00	3472.64
MW - 7	09/29/09	3498.33	-	25.03	0.00	3473.30
MW - 7	10/02/09	3498.33	-	25.53	0.00	3472.80
MW - 7	10/07/09	3498.33	-	25.50	0.00	3472.83
MW - 7	10/12/09	3498.33	-	24.31	0.00	3474.02
MW - 7	10/16/09	3498.33	-	25.32	0.00	3473.01
MW - 7	10/20/09	3498.33	-	24.33	0.00	3474.00
MW - 7	10/26/09	3498.33	-	24.33	0.00	3474.00
MW - 7	10/28/09	3498.33	-	25.39	0.00	3472.94
MW - 7	11/04/09	3498.33	-	25.66	0.00	3472.67
MW - 7	11/12/09	3498.33	sheen	25.46	0.00	3472.87
MW - 7	11/23/09	3498.33	-	25.65	0.00	3472.68
MW - 7	12/03/09	3498.33	sheen	25.72	0.00	3472.61
MW - 7	12/16/09	3498.33	sheen	25.76	0.00	3472.57
MW - 7	12/21/09	3498.33	sheen	25.55	0.00	3472.78
MW - 7	12/28/09	3498.33	sheen	24.35	0.00	3473.98
MW - 7	01/05/10	3498.33	sheen	25.70	0.00	3472.63
MW - 7	01/20/10	3498.33	sheen	24.37	0.00	3473.96
MW - 7	01/25/10	3498.33	sheen	24.68	0.00	3473.65
MW - 7	01/27/10	3498.33	sheen	25.67	0.00	3472.66
MW - 7	02/10/10	3498.33	sheen	25.78	0.00	3472.55
MW - 7	03/01/10	3498.33	sheen	24.39	0.00	3473.94
MW - 7	03/09/10	3498.33	sheen	25.70	0.00	3472.63
MW - 7	03/11/10	3498.33	sheen	25.66	0.00	3472.67
MW - 7	05/25/10	3498.33	27.02	27.10	0.00	3471.23
MW - 7	06/07/10	3498.33	sheen	27.50	0.00	3470.83
MW - 7	06/12/10	3498.33	sheen	27.42	0.00	3470.91
MW - 7	06/25/10	3498.33	sheen	27.53	0.00	3470.80
MW - 7	07/07/10	3498.33	sheen	27.26	0.00	3471.07
MW - 7	07/12/10	3498.33	sheen	26.64	0.00	3471.69
MW - 7	07/26/10	3498.33	DID NOT GAUGE		0.00	3498.33
MW - 7	08/03/10	3498.33	26.44	26.45	0.01	3471.89
MW - 7	08/13/10	3498.33	26.39	26.45	0.06	3471.93
MW - 7	08/19/10	3498.33	26.34	26.39	0.05	3471.98
MW - 7	08/25/10	3498.33	26.51	26.55	0.04	3471.81
MW - 7	09/01/10	3498.33	26.35	26.41	0.06	3471.97
MW - 7	09/09/10	3498.33	26.41	26.46	0.05	3471.91
MW - 7	09/13/10	3498.33	26.41	26.44	0.03	3471.92
MW - 7	09/29/10	3498.33	26.37	26.42	0.05	3471.95
MW - 7	10/05/10	3498.33	26.43	26.45	0.02	3471.90
MW - 7	10/25/10	3498.33	26.44	26.46	0.02	3471.89
MW - 7	11/03/10	3498.33	26.34	26.42	0.08	3471.98
MW - 7	11/10/10	3498.33	26.54	26.65	0.11	3471.77

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HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	11/17/10	3498.33	26.54	26.65	0.11	3471.77
MW - 7	12/09/10	3498.33	26.35	26.41	0.06	3471.97
MW - 7	01/18/11	3498.33	26.55	26.64	0.09	3471.77
MW - 7	02/22/11	3498.33	26.53	26.67	0.14	3471.78
MW - 7	03/01/11	3498.33	26.76	26.88	0.12	3471.55
MW - 7	03/07/11	3498.33	26.54	26.66	0.12	3471.77
MW - 7	03/22/11	3498.33	26.54	26.64	0.10	3471.78
MW - 7	04/27/11	3498.33	26.93	27.43	0.50	3471.33
MW - 7	05/05/11	3498.33	26.98	27.15	0.17	3471.32
MW - 7	05/10/11	3498.33	27.66	28.37	0.71	3470.56
MW - 7	05/17/11	3498.33	26.92	27.02	0.10	3471.40
MW - 7	05/17/11	3498.33	26.92	27.02	0.10	3471.40
MW - 7	05/24/11	3498.33	27.01	27.15	0.14	3471.30
MW - 7	06/07/11	3498.33	27.23	27.40	0.17	3471.07
MW - 7	06/14/11	3498.33	27.15	27.60	0.45	3471.11
MW - 7	06/23/11	3498.33	27.43	28.36	0.93	3470.76
MW - 7	06/28/11	3498.33	27.48	27.81	0.33	3470.80
MW - 7	07/06/11	3498.33	27.58	28.06	0.48	3470.68
MW - 7	07/14/11	3498.33	27.63	28.18	0.55	3470.62
MW - 7	07/27/11	3498.33	27.72	28.26	0.54	3470.53
MW - 7	08/03/11	3498.33	27.80	28.31	0.51	3470.45
MW - 7	08/11/11	3498.33	27.91	28.35	0.44	3470.35
MW - 7	08/18/11	3498.33	27.94	28.40	0.46	3470.32
MW - 7	08/25/11	3498.33	28.02	28.38	0.36	3470.26
MW - 7	09/02/11	3498.33	28.04	28.29	0.25	3470.25
MW - 7	09/09/11	3498.33	28.09	28.62	0.53	3470.16
MW - 7	11/08/11	3498.33	27.86	28.74	0.88	3470.34
MW - 7	12/28/11	3498.33	27.87	29.08	1.21	3470.28
MW - 7	01/05/12	3498.33	27.89	28.74	0.85	3470.31
MW - 7	01/18/12	3498.33	27.79	28.80	1.01	3470.39
MW - 7	01/27/12	3498.33	27.78	29.00	1.22	3470.37
MW - 7	02/02/12	3498.33	27.72	28.65	0.93	3470.47
MW - 7	02/10/12	3498.33	27.93	28.86	0.93	3470.26
MW - 7	02/15/12	3498.33	27.82	28.54	0.72	3470.40
MW - 7	03/01/12	3498.33	27.70	28.36	0.66	3470.53
MW - 7	03/07/12	3498.33	27.74	28.35	0.61	3470.50
MW - 7	03/14/12	3498.33	27.81	28.49	0.68	3470.42
MW - 7	03/26/12	3498.33	27.74	28.32	0.58	3470.50
MW - 7	04/11/12	3498.33	27.73	28.39	0.66	3470.50
MW - 7	04/17/12	3498.33	27.81	28.44	0.63	3470.43
MW - 7	04/25/12	3498.33	28.31	28.71	0.40	3469.96
MW - 7	05/23/12	3498.33	26.63	28.83	2.20	3471.37
MW - 7	06/06/12	3498.33	27.82	28.87	1.05	3470.35
MW - 7	06/13/12	3498.33	27.97	28.68	0.71	3470.25
MW - 7	06/20/12	3498.33	27.91	28.60	0.69	3470.32
MW - 7	07/11/12	3498.33	27.93	28.59	0.66	3470.30

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	07/18/12	3498.33	28.00	28.67	0.67	3470.23
MW - 7	08/02/12	3498.33	28.14	29.47	1.33	3469.99
MW - 7	08/09/12	3498.33	28.27	29.47	1.20	3469.88
MW - 7	08/16/12	3498.33	28.34	29.60	1.26	3469.80
MW - 7	10/02/12	3498.33	28.48	29.93	1.45	3469.63
MW - 7	10/10/12	3498.33	28.49	29.82	1.33	3469.64
MW - 7	10/17/12	3498.33	28.26	29.76	1.50	3469.85
MW - 7	10/26/12	3498.33	28.49	29.77	1.28	3469.65
MW - 7	11/01/12	3498.33	28.29	29.64	1.35	3469.84
MW - 7	11/19/12	3498.33	28.25	29.51	1.26	3469.89
MW - 7	12/13/12	3498.33	28.18	29.65	1.47	3469.93
MW - 7	12/18/12	3498.33	28.07	29.36	1.29	3470.07
MW - 7	01/08/13	3498.33	28.08	29.47	1.39	3470.04
MW - 7	01/16/13	3498.33	28.24	29.52	1.28	3469.90
MW - 7	01/24/13	3498.33	28.21	29.49	1.28	3469.93
MW - 7	01/30/13	3498.33	28.22	29.56	1.34	3469.91
MW - 7	02/12/13	3498.33	28.15	29.61	1.46	3469.96
MW - 7	03/19/13	3498.33	28.03	29.77	1.74	3470.04
MW - 7	04/02/13	3498.33	28.08	29.69	1.61	3470.01
MW - 7	04/08/13	3498.33	27.91	29.54	1.63	3470.18
MW - 7	04/16/13	3498.33	28.10	29.54	1.44	3470.01
MW - 7	04/23/13	3498.33	28.18	29.61	1.43	3469.94
MW - 7	05/01/13	3498.33	28.12	29.78	1.66	3469.96
MW - 7	05/08/13	3498.33	28.08	29.46	1.38	3470.04
MW - 7	05/15/13	3498.33	27.99	29.37	1.38	3470.13
MW - 7	05/17/13	3498.33	28.10	29.50	1.40	3470.02
MW - 7	05/23/13	3498.33	28.18	29.39	1.21	3469.97
MW - 7	05/29/13	3498.33	28.09	29.28	1.19	3470.06
MW - 7	06/12/13	3498.33	28.43	29.36	0.93	3469.76
MW - 7	06/19/13	3498.33	28.48	29.37	0.89	3469.72
MW - 7	06/27/13	3498.33	28.68	29.48	0.80	3469.53
MW - 7	07/02/13	3498.33	28.76	29.53	0.77	3469.45
MW - 7	07/08/13	3498.33	28.82	29.47	0.65	3469.41
MW - 7	07/15/13	3498.33	28.88	29.47	0.59	3469.36
MW - 7	07/23/13	3498.33	28.73	29.47	0.74	3469.49
MW - 7	07/29/13	3498.33	28.72	29.35	0.63	3469.52
MW - 7	08/07/13	3498.33	28.54	28.77	0.23	3469.76
MW - 7	08/15/13	3498.33	28.51	28.73	0.22	3469.79
MW - 7	08/20/13	3498.33	28.65	28.73	0.08	3469.67
MW - 7	08/28/13	3498.33	28.95	29.70	0.75	3469.27
MW - 7	09/05/13	3498.33	29.02	29.76	0.74	3469.20
MW - 7	09/09/13	3498.33	28.93	29.69	0.76	3469.29
MW - 7	09/18/13	3498.33	29.02	29.78	0.76	3469.20
MW - 7	09/28/13	3498.33	29.06	29.90	0.84	3469.14
MW - 7	10/01/13	3498.33	29.05	29.85	0.80	3469.16
MW - 7	10/08/13	3498.33	29.05	29.87	0.82	3469.16

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	10/14/13	3498.33	29.06	29.85	0.79	3469.15
MW - 7	10/23/13	3498.33	28.97	29.80	0.83	3469.24
MW - 7	10/29/13	3498.33	28.86	29.84	0.98	3469.32
MW - 7	11/16/13	3498.33	28.69	29.90	1.21	3469.46
MW - 7	11/27/13	3498.33	28.90	29.94	1.04	3469.27
MW - 7	12/02/13	3498.33	28.57	29.89	1.32	3469.56
MW - 7	12/14/13	3498.33	28.86	29.93	1.07	3469.31
MW - 7	12/19/13	3498.33	28.47	29.95	1.48	3469.64
MW - 7	12/24/13	3498.33	28.67	29.84	1.17	3469.48
MW - 7	01/02/14	3498.33	28.68	29.76	1.08	3469.49
MW - 7	01/07/14	3498.33	28.56	29.75	1.19	3469.59
MW - 7	01/14/14	3498.33	28.68	29.89	1.21	3469.47
MW - 7	01/21/14	3498.33	28.58	29.87	1.29	3469.56
MW - 7	01/31/14	3498.33	28.50	29.99	1.49	3469.61
MW - 7	02/10/14	3498.33	28.57	29.91	1.34	3469.56
MW - 7	02/27/14	3498.33	28.39	30.01	1.62	3469.70
MW - 7	03/06/14	3498.33	28.47	30.09	1.62	3469.62
MW - 7	03/13/14	3498.33	28.54	30.20	1.66	3469.54
MW - 7	03/25/14	3498.33	28.57	30.36	1.79	3469.49
MW - 7	04/03/14	3498.33	28.45	30.15	1.70	3469.63
MW - 7	04/07/14	3498.33	28.56	28.58	0.02	3469.77
MW - 7	04/14/14	3498.33	28.71	29.71	1.00	3469.47
MW - 7	04/23/14	3498.33	28.45	29.45	1.00	3469.73
MW - 7	04/28/14	3498.33	28.65	30.02	1.37	3469.47
MW - 7	05/05/14	3498.33	28.59	29.23	0.64	3469.64
MW - 7	05/14/14	3498.33	28.72	29.32	0.60	3469.52
MW - 7	05/22/14	3498.33	28.77	29.34	0.57	3469.47
MW - 7	05/28/14	3498.33	28.77	29.47	0.70	3469.46
MW - 7	06/02/14	3498.33	28.87	29.42	0.55	3469.38
MW - 7	06/12/14	3498.33	29.16	29.80	0.64	3469.07
MW - 7	06/17/14	3498.33	29.17	29.57	0.40	3469.10
MW - 7	06/25/14	3498.33	29.25	29.80	0.55	3469.00
MW - 7	06/30/14	3498.33	29.25	29.65	0.40	3469.02
MW - 7	07/11/14	3498.33	29.34	30.20	0.86	3468.86
MW - 7	07/14/14	3498.33	29.33	29.86	0.53	3468.92
MW - 7	07/22/14	3498.33	29.40	29.82	0.42	3468.87
MW - 7	07/23/14	3498.33	29.40	29.82	0.42	3468.87
MW - 7	08/05/14	3498.33	29.47	30.20	0.73	3468.75
MW - 7	08/12/14	3498.33	29.55	30.33	0.78	3468.66
MW - 7	08/13/14	3498.33	29.54	30.19	0.65	3468.69
MW - 7	08/27/14	3498.33	29.68	30.62	0.94	3468.51
MW - 7	09/17/14	3498.33	29.20	30.10	0.90	3469.00
MW - 7	09/23/14	3498.33	28.87	29.43	0.56	3469.38
MW - 7	10/10/14	3498.33	28.23	28.52	0.29	3470.06
MW - 7	10/15/14	3498.33	28.13	28.41	0.28	3470.16
MW - 7	10/16/14	3498.33	27.39	27.67	0.28	3470.90

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	10/24/14	3498.33	28.04	28.63	0.59	3470.20
MW - 7	10/27/14	3498.33	27.88	28.44	0.56	3470.37
MW - 7	11/04/14	3498.33	27.97	29.02	1.05	3470.20
MW - 7	11/06/14	3498.33	27.93	29.90	1.97	3470.10
MW - 7	11/11/14	3498.33	27.94	28.79	0.85	3470.26
MW - 7	11/18/14	3498.33	27.90	28.67	0.77	3470.31
MW - 7	12/02/14	3498.33	27.60	28.86	1.26	3470.54
MW - 7	12/09/14	3498.33	27.58	28.64	1.06	3470.59
MW - 7	12/11/14	3498.33	27.59	28.43	0.84	3470.61
MW - 7	12/17/14	3498.33	27.49	28.31	0.82	3470.72
MW - 7	12/23/14	3498.33	27.71	28.38	0.67	3470.52
MW - 7	12/30/14	3498.33	27.78	28.45	0.67	3470.45
MW - 8	06/07/02	3502.23	-	31.75	0.00	3470.48
MW - 8	09/27/02	3502.23	-	31.82	0.00	3470.41
MW - 8	12/04/02	3502.23	-	31.56	0.00	3470.67
MW - 8	02/25/03	3502.23	-	31.35	0.00	3470.88
MW - 8	05/22/03	3502.23	-	31.53	0.00	3470.70
MW - 8	08/26/03	3502.23	-	32.61	0.00	3469.62
MW - 8	11/25/03	3502.23	-	32.72	0.00	3469.51
MW - 8	02/10/04	3502.23	-	32.77	0.00	3469.46
MW - 8	05/10/04	3502.23	-	30.48	0.00	3471.75
MW - 8	08/25/04	3502.23	-	30.90	0.00	3471.33
MW - 8	12/01/04	3502.23	-	29.25	0.00	3472.98
MW - 8	03/10/05	3502.23	-	28.61	0.00	3473.62
MW - 8	06/10/05	3502.23	-	28.10	0.00	3474.13
MW - 8	09/09/05	3502.23	-	28.56	0.00	3473.67
MW - 8	12/05/05	3502.23	-	28.38	0.00	3473.85
MW - 8	03/09/06	3502.23	-	28.17	0.00	3474.06
MW - 8	09/15/06	3502.23	-	28.40	0.00	3473.83
MW - 8	11/29/06	3502.23	-	28.17	0.00	3474.06
MW - 8	02/26/07	3502.23	-	28.08	0.00	3474.15
MW - 8	05/21/07	3502.23	-	27.62	0.00	3474.61
MW - 8	08/16/07	3502.23	-	28.41	0.00	3473.82
MW - 8	11/07/07	3502.23	-	28.04	0.00	3474.19
MW - 8	02/12/08	3502.23	-	28.06	0.00	3474.17
MW - 8	05/15/08	3502.23	-	28.22	0.00	3474.01
MW - 8	08/18/08	3502.23	-	29.29	0.00	3472.94
MW - 8	11/13/08	3502.23	-	28.70	0.00	3473.53
MW - 8	02/11/09	3502.23	-	28.74	0.00	3473.49
MW - 8	05/13/09	3502.23	-	28.80	0.00	3473.43
MW - 8	08/11/09	3502.23	-	29.84	0.00	3472.39
MW - 8	11/23/09	3502.23	-	29.91	0.00	3472.32
MW - 8	01/05/10	3502.23	-	29.92	0.00	3472.31
MW - 8	02/10/10	3502.23	-	29.91	0.00	3472.32
MW - 8	05/25/10	3502.23	-	29.81	0.00	3472.42

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 8	08/13/10	3502.23	-	29.81	0.00	3472.42
MW - 8	11/17/10	3502.23	-	29.93	0.00	3472.30
MW - 8	02/22/11	3502.23	-	29.96	0.00	3472.27
MW - 8	05/17/11	3502.23	-	29.99	0.00	3472.24
MW - 8	08/11/11	3502.23	-	30.70	0.00	3471.53
MW - 8	11/08/11	3502.23	-	30.77	0.00	3471.46
MW - 8	03/01/12	3502.23	-	30.41	0.00	3471.82
MW - 8	05/23/12	3502.23	-	30.43	0.00	3471.80
MW - 8	08/09/12	3502.23	-	31.11	0.00	3471.12
MW - 8	11/19/12	3502.23	-	30.97	0.00	3471.26
MW - 8	02/12/13	3502.23	-	30.86	0.00	3471.37
MW - 8	05/15/13	3502.23	-	30.79	0.00	3471.44
MW - 8	08/07/13	3502.23	-	31.51	0.00	3470.72
MW - 8	11/27/13	3502.23	-	31.58	0.00	3470.65
MW - 8	02/10/14	3502.23	-	31.32	0.00	3470.91
MW - 8	05/22/14	3502.23	-	31.42	0.00	3470.81
MW - 8	07/22/14	3502.23	-	32.10	0.00	3470.13
MW - 8	08/13/14	3502.23	-	32.25	0.00	3469.98
MW - 8	10/27/14	3502.23	-	30.48	0.00	3471.75
MW - 8	11/06/14	3502.23	-	30.61	0.00	3471.62
MW - 9	06/07/02	3502.24	-	30.65	0.00	3471.59
MW - 9	09/27/02	3502.24	-	30.81	0.00	3471.43
MW - 9	12/04/02	3502.24	-	30.52	0.00	3471.72
MW - 9	02/25/03	3502.24	-	30.39	0.00	3471.85
MW - 9	05/22/03	3502.24	-	30.52	0.00	3471.72
MW - 9	08/26/03	3502.24	-	31.63	0.00	3470.61
MW - 9	11/25/03	3502.24	-	31.79	0.00	3470.45
MW - 9	02/10/04	3502.24	-	31.77	0.00	3470.47
MW - 9	05/10/04	3502.24	-	29.26	0.00	3472.98
MW - 9	08/25/04	3502.24	-	29.71	0.00	3472.53
MW - 9	12/01/04	3502.24	-	28.13	0.00	3474.11
MW - 9	03/10/05	3502.24	-	27.63	0.00	3474.61
MW - 9	06/10/05	3502.24	-	27.20	0.00	3475.04
MW - 9	09/09/05	3502.24	-	27.57	0.00	3474.67
MW - 9	12/05/05	3502.24	-	27.36	0.00	3474.88
MW - 9	03/09/06	3502.24	-	27.25	0.00	3474.99
MW - 9	06/08/06	3502.24	-	27.62	0.00	3474.62
MW - 9	09/15/06	3502.24	-	27.45	0.00	3474.79
MW - 9	11/29/06	3502.24	-	27.45	0.00	3474.79
MW - 9	02/26/07	3502.24	-	27.14	0.00	3475.10
MW - 9	05/21/07	3502.24	-	26.83	0.00	3475.41
MW - 9	08/16/07	3502.24	-	27.42	0.00	3474.82
MW - 9	11/07/07	3502.24	-	27.16	0.00	3475.08
MW - 9	02/12/08	3502.24	-	27.16	0.00	3475.08
MW - 9	05/15/08	3502.24	-	27.31	0.00	3474.93

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 9	08/18/08	3502.24	-	28.24	0.00	3474.00
MW - 9	11/13/08	3502.24	-	27.75	0.00	3474.49
MW - 9	02/11/09	3502.24	-	27.77	0.00	3474.47
MW - 9	05/13/09	3502.24	-	27.81	0.00	3474.43
MW - 9	08/11/09	3502.24	-	28.74	0.00	3473.50
MW - 9	11/23/09	3502.24	-	28.94	0.00	3473.30
MW - 9	01/05/09	3502.24	-	28.91	0.00	3473.33
MW - 9	02/10/10	3502.24	-	28.94	0.00	3473.30
MW - 9	05/25/10	3502.24	-	28.91	0.00	3473.33
MW - 9	08/13/10	3502.24	-	28.90	0.00	3473.34
MW - 9	11/17/10	3502.24	-	28.94	0.00	3473.30
MW - 9	02/22/11	3502.24	-	28.97	0.00	3473.27
MW - 9	05/17/11	3502.24	-	29.00	0.00	3473.24
MW - 9	08/11/11	3502.24	-	29.67	0.00	3472.57
MW - 9	11/08/11	3502.24	-	29.79	0.00	3472.45
MW - 9	03/01/12	3502.24	-	29.42	0.00	3472.82
MW - 9	05/23/12	3502.24	-	29.45	0.00	3472.79
MW - 9	08/09/12	3502.24	-	30.13	0.00	3472.11
MW - 9	11/19/12	3502.24	-	30.00	0.00	3472.24
MW - 9	02/12/13	3502.24	-	29.87	0.00	3472.37
MW - 9	05/15/13	3502.24	-	29.80	0.00	3472.44
MW - 9	08/07/13	3502.24	-	30.57	0.00	3471.67
MW - 9	11/27/13	3502.24	-	30.55	0.00	3471.69
MW - 9	02/10/14	3502.24	-	30.34	0.00	3471.90
MW - 9	05/22/14	3502.24	-	30.40	0.00	3471.84
MW - 9	07/22/14	3502.24	-	31.18	0.00	3471.06
MW - 9	08/13/14	3502.24	-	31.32	0.00	3470.92
MW - 9	10/27/14	3502.24	-	29.62	0.00	3472.62
MW - 9	11/06/14	3502.24	-	29.69	0.00	3472.55
MW - 10	06/07/02	3499.42	-	28.79	0.00	3470.63
MW - 10	09/27/02	3499.42	28.88	28.97	0.09	3470.53
MW - 10	10/29/02	3499.42	29.04	29.10	0.06	3470.37
MW - 10	11/07/02	3499.42	28.91	28.93	0.02	3470.51
MW - 10	12/04/02	3499.42	-	28.92	0.00	3470.50
MW - 10	01/07/03	3499.42	sheen	29.04	0.00	3470.38
MW - 10	01/27/03	3499.42	sheen	29.04	0.00	3470.38
MW - 10	02/26/03	3499.42	29.15	29.18	0.03	3470.27
MW - 10	03/06/03	3499.42	29.11	29.23	0.12	3470.29
MW - 10	03/11/03	3499.42	28.90	29.02	0.12	3470.50
MW - 10	03/20/03	3499.42	28.94	29.15	0.21	3470.45
MW - 10	04/02/03	3499.42	28.60	28.87	0.27	3470.78
MW - 10	04/16/03	3499.42	28.85	28.88	0.03	3470.57
MW - 10	04/23/03	3499.42	28.60	28.66	0.06	3470.81
MW - 10	04/29/03	3499.42	28.59	28.62	0.03	3470.83
MW - 10	05/15/03	3499.42	28.70	28.86	0.16	3470.70

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	05/22/03	3499.42	28.78	28.84	0.06	3470.63
MW - 10	05/28/03	3499.42	28.79	29.14	0.35	3470.58
MW - 10	06/04/03	3499.42	28.86	29.92	1.06	3470.40
MW - 10	06/10/03	3499.42	29.20	29.21	0.01	3470.22
MW - 10	06/26/03	3499.42	28.96	29.03	0.07	3470.45
MW - 10	07/07/03	3499.42	28.44	28.56	0.12	3470.96
MW - 10	07/30/03	3499.42	28.42	28.57	0.15	3470.98
MW - 10	08/05/03	3499.42	29.80	29.91	0.11	3469.60
MW - 10	08/21/03	3499.42	29.97	30.18	0.21	3469.42
MW - 10	08/26/03	3499.42	30.04	30.22	0.18	3469.35
MW - 10	09/08/03	3499.42	sheen	30.24	0.00	3469.18
MW - 10	09/15/03	3499.42	sheen	30.26	0.00	3469.16
MW - 10	09/24/03	3499.42	sheen	30.30	0.00	3469.12
MW - 10	10/02/03	3499.42	sheen	30.14	0.00	3469.28
MW - 10	10/08/03	3499.42	sheen	30.00	0.00	3469.42
MW - 10	10/16/03	3499.42	sheen	31.31	0.00	3468.11
MW - 10	10/28/03	3499.42	sheen	30.33	0.00	3469.09
MW - 10	11/11/03	3499.42	sheen	30.45	0.00	3468.97
MW - 10	11/18/03	3499.42	sheen	30.25	0.00	3469.17
MW - 10	11/25/03	3499.42	sheen	29.96	0.00	3469.46
MW - 10	12/08/03	3499.42	sheen	30.04	0.00	3469.38
MW - 10	01/27/04	3499.42	-	30.71	0.00	3468.71
MW - 10	02/02/04	3499.42	-	30.72	0.00	3468.70
MW - 10	02/10/04	3499.42	-	30.05	0.00	3469.37
MW - 10	02/20/04	3499.42	-	30.21	0.00	3469.21
MW - 10	03/04/04	3499.42	-	30.03	0.00	3469.39
MW - 10	03/16/04	3499.42	-	30.33	0.00	3469.09
MW - 10	03/25/04	3499.42	-	30.37	0.00	3469.05
MW - 10	03/31/04	3499.42	-	30.35	0.00	3469.07
MW - 10	04/01/04	3499.42	-	30.52	0.00	3468.90
MW - 10	04/08/04	3499.42	-	29.64	0.00	3469.78
MW - 10	04/14/04	3499.42	-	28.90	0.00	3470.52
MW - 10	04/16/04	3499.42	-	28.98	0.00	3470.44
MW - 10	04/22/04	3499.42	28.07	28.08	0.01	3471.35
MW - 10	04/29/04	3499.42	-	27.84	0.00	3471.58
MW - 10	05/05/04	3499.42	sheen	28.16	0.00	3471.26
MW - 10	05/10/04	3499.42	-	27.77	0.00	3471.65
MW - 10	06/08/04	3499.42	27.66	28.10	0.44	3471.69
MW - 10	06/17/04	3499.42	27.76	28.50	0.74	3471.55
MW - 10	06/22/04	3499.42	27.80	28.42	0.62	3471.53
MW - 10	06/25/04	3499.42	27.77	28.33	0.56	3471.57
MW - 10	06/29/04	3499.42	27.75	28.38	0.63	3471.58
MW - 10	07/01/04	3499.42	27.77	28.30	0.53	3471.57
MW - 10	07/08/04	3499.42	27.73	28.37	0.64	3471.59
MW - 10	07/13/04	3499.42	27.81	28.24	0.43	3471.55
MW - 10	12/02/04	3499.42	26.35	28.50	2.15	3472.75

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	12/08/04	3499.42	26.21	28.31	2.10	3472.90
MW - 10	12/14/04	3499.42	26.40	27.69	1.29	3472.83
MW - 10	12/21/04	3499.42	26.39	27.12	0.73	3472.92
MW - 10	12/29/04	3499.42	26.22	27.20	0.98	3473.05
MW - 10	01/11/05	3499.42	26.29	26.79	0.50	3473.06
MW - 10	01/14/05	3499.42	26.34	26.70	0.36	3473.03
MW - 10	01/18/05	3499.42	26.30	26.65	0.35	3473.07
MW - 10	01/21/05	3499.42	26.36	26.48	0.12	3473.04
MW - 10	01/25/05	3499.42	sheen	26.37	0.00	3473.05
MW - 10	01/28/05	3499.42	sheen	26.18	0.00	3473.24
MW - 10	02/02/05	3499.42	sheen	26.36	0.00	3473.06
MW - 10	02/05/05	3499.42	sheen	26.18	0.00	3473.24
MW - 10	02/08/05	3499.42	sheen	26.22	0.00	3473.20
MW - 10	02/11/05	3499.42	sheen	26.20	0.00	3473.22
MW - 10	02/15/05	3499.42	24.18	26.22	2.04	3474.93
MW - 10	02/18/05	3499.42	sheen	26.26	0.00	3473.16
MW - 10	02/22/05	3499.42	sheen	26.14	0.00	3473.28
MW - 10	02/25/05	3499.42	sheen	26.19	0.00	3473.23
MW - 10	03/01/05	3499.42	sheen	26.18	0.00	3473.24
MW - 10	03/04/05	3499.42	sheen	26.16	0.00	3473.26
MW - 10	03/08/05	3499.42	sheen	26.08	0.00	3473.34
MW - 10	03/10/05	3499.42	26.06	26.08	0.02	3473.36
MW - 10	03/11/05	3499.42	sheen	26.11	0.00	3473.31
MW - 10	03/15/05	3499.42	sheen	26.07	0.00	3473.35
MW - 10	03/19/05	3499.42	sheen	26.05	0.00	3473.37
MW - 10	03/22/05	3499.42	sheen	26.10	0.00	3473.32
MW - 10	03/28/05	3499.42	sheen	25.90	0.00	3473.52
MW - 10	04/01/05	3499.42	sheen	26.13	0.00	3473.29
MW - 10	04/05/05	3499.42	sheen	25.97	0.00	3473.45
MW - 10	04/08/05	3499.42	sheen	26.00	0.00	3473.42
MW - 10	04/12/05	3499.42	sheen	25.89	0.00	3473.53
MW - 10	04/15/05	3499.42	sheen	25.97	0.00	3473.45
MW - 10	05/25/05	3499.42	sheen	25.53	0.00	3473.89
MW - 10	06/03/05	3499.42	sheen	25.49	0.00	3473.93
MW - 10	06/06/05	3499.42	sheen	25.45	0.00	3473.97
MW - 10	06/10/05	3499.42	25.42	25.43	0.01	3474.00
MW - 10	06/13/05	3499.42	sheen	25.60	0.00	3473.82
MW - 10	06/20/05	3499.42	sheen	25.64	0.00	3473.78
MW - 10	06/24/05	3499.42	sheen	25.60	0.00	3473.82
MW - 10	06/27/05	3499.42	sheen	25.65	0.00	3473.77
MW - 10	07/18/05	3499.42	sheen	25.95	0.00	3473.47
MW - 10	07/25/05	3499.42	sheen	26.04	0.00	3473.38
MW - 10	08/01/05	3499.42	26.11	26.17	0.06	3473.30
MW - 10	08/04/05	3499.42	26.15	26.19	0.04	3473.26
MW - 10	08/16/05	3499.42	26.20	26.25	0.05	3473.21
MW - 10	08/23/05	3499.42	25.91	26.04	0.13	3473.49

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	08/29/05	3499.42	25.90	25.99	0.09	3473.51
MW - 10	09/06/05	3499.42	25.84	25.96	0.12	3473.56
MW - 10	09/09/05	3499.42	25.79	25.95	0.16	3473.61
MW - 10	09/12/05	3499.42	25.82	25.98	0.16	3473.58
MW - 10	09/19/05	3499.42	26.03	26.25	0.22	3473.36
MW - 10	09/27/05	3499.42	26.10	26.29	0.19	3473.29
MW - 10	10/03/05	3499.42	26.23	26.40	0.17	3473.16
MW - 10	10/10/05	3499.42	25.90	26.13	0.23	3473.49
MW - 10	10/17/05	3499.42	25.87	26.11	0.24	3473.51
MW - 10	10/24/05	3499.42	25.85	26.10	0.25	3473.53
MW - 10	11/01/05	3499.42	25.72	26.08	0.36	3473.65
MW - 10	11/08/05	3499.42	25.79	25.92	0.13	3473.61
MW - 10	11/15/05	3499.42	25.95	26.05	0.10	3473.46
MW - 10	11/22/05	3499.42	25.72	25.89	0.17	3473.67
MW - 10	11/27/05	3499.42	25.72	25.81	0.09	3473.69
MW - 10	12/05/05	3499.42	25.67	25.82	0.15	3473.73
MW - 10	12/07/05	3499.42	25.80	25.94	0.14	3473.60
MW - 10	12/16/05	3499.42	25.65	25.80	0.15	3473.75
MW - 10	12/29/05	3499.42	25.65	25.90	0.25	3473.73
MW - 10	01/03/06	3499.42	25.63	25.83	0.20	3473.76
MW - 10	01/09/06	3499.42	25.78	26.10	0.32	3473.59
MW - 10	01/16/06	3499.42	25.56	25.80	0.24	3473.82
MW - 10	01/23/06	3499.42	25.77	26.06	0.29	3473.61
MW - 10	01/30/06	3499.42	25.83	26.02	0.19	3473.56
MW - 10	02/07/06	3499.42	25.88	25.90	0.02	3473.54
MW - 10	02/14/06	3499.42	25.60	25.90	0.30	3473.78
MW - 10	02/21/06	3499.42	25.69	25.83	0.14	3473.71
MW - 10	02/27/06	3499.42	25.61	25.90	0.29	3473.77
MW - 10	03/06/06	3499.42	25.61	25.88	0.27	3473.77
MW - 10	03/09/06	3499.42	25.50	25.89	0.39	3473.86
MW - 10	03/17/06	3499.42	25.71	25.96	0.25	3473.67
MW - 10	03/21/06	3499.42	25.74	26.06	0.32	3473.63
MW - 10	03/28/06	3499.42	25.76	26.01	0.25	3473.62
MW - 10	04/03/06	3499.42	25.71	26.01	0.30	3473.67
MW - 10	04/17/06	3499.42	25.45	25.78	0.33	3473.92
MW - 10	05/01/06	3499.42	25.51	25.82	0.31	3473.86
MW - 10	05/08/06	3499.42	25.49	25.77	0.28	3473.89
MW - 10	05/15/06	3499.42	25.78	26.03	0.25	3473.60
MW - 10	06/01/06	3499.42	25.97	26.27	0.30	3473.41
MW - 10	06/05/06	3499.42	25.90	26.36	0.46	3473.45
MW - 10	06/08/06	3499.42	26.09	26.31	0.22	3473.30
MW - 10	06/12/06	3499.42	26.13	26.51	0.38	3473.23
MW - 10	06/19/06	3499.42	26.24	26.52	0.28	3473.14
MW - 10	07/31/06	3499.42	26.40	26.66	0.26	3472.98
MW - 10	09/06/06	3499.42	25.62	25.94	0.32	3473.75
MW - 10	09/11/06	3499.42	25.81	25.92	0.11	3473.59

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	09/15/06	3499.42	25.66	25.79	0.13	3473.74
MW - 10	11/29/06	3499.42	25.35	25.83	0.48	3474.00
MW - 10	01/11/07	3499.42	25.44	26.00	0.56	3473.90
MW - 10	01/22/07	3499.42	25.60	26.04	0.44	3473.75
MW - 10	02/14/07	3499.42	25.57	25.86	0.29	3473.81
MW - 10	02/26/07	3499.42	25.52	25.89	0.37	3473.84
MW - 10	04/03/07	3499.42	25.47	25.82	0.35	3473.90
MW - 10	04/09/07	3499.42	25.21	25.49	0.28	3474.17
MW - 10	04/17/07	3499.42	25.29	25.71	0.42	3474.07
MW - 10	05/01/07	3499.42	25.47	25.84	0.37	3473.89
MW - 10	05/17/07	3499.42	25.12	25.41	0.29	3474.26
MW - 10	05/21/07	3499.42	24.96	25.29	0.33	3474.41
MW - 10	05/22/07	3499.42	24.96	25.29	0.33	3474.41
MW - 10	06/01/07	3499.42	24.98	25.19	0.21	3474.41
MW - 10	06/06/07	3499.42	24.89	25.10	0.21	3474.50
MW - 10	06/11/07	3499.42	25.03	25.44	0.41	3474.33
MW - 10	06/19/07	3499.42	25.16	25.34	0.18	3474.23
MW - 10	06/25/07	3499.42	25.13	25.36	0.23	3474.26
MW - 10	07/03/07	3499.42	25.29	25.50	0.21	3474.10
MW - 10	07/23/07	3499.42	25.49	25.70	0.21	3473.90
MW - 10	07/30/07	3499.42	25.66	25.88	0.22	3473.73
MW - 10	08/06/07	3499.42	25.63	25.94	0.31	3473.74
MW - 10	08/13/07	3499.42	25.77	25.95	0.18	3473.62
MW - 10	08/16/07	3499.42	25.81	25.92	0.11	3473.59
MW - 10	08/27/07	3499.42	25.92	26.09	0.17	3473.47
MW - 10	09/07/07	3499.42	26.02	26.19	0.17	3473.37
MW - 10	09/13/07	3499.42	25.72	25.76	0.04	3473.69
MW - 10	09/18/07	3499.42	sheen	25.94	0.00	3473.48
MW - 10	09/22/07	3499.42	sheen	25.71	0.00	3473.71
MW - 10	09/24/07	3499.42	sheen	25.67	0.00	3473.75
MW - 10	10/01/07	3499.42	sheen	25.64	0.00	3473.78
MW - 10	10/08/07	3499.42	sheen	25.69	0.00	3473.73
MW - 10	10/15/07	3499.42	sheen	25.63	0.00	3473.79
MW - 10	11/05/07	3499.42	sheen	25.62	0.00	3473.80
MW - 10	11/07/07	3499.42	sheen	25.57	0.00	3473.85
MW - 10	11/12/07	3499.42	sheen	25.76	0.00	3473.66
MW - 10	11/19/07	3499.42	sheen	25.55	0.00	3473.87
MW - 10	11/28/07	3499.42	sheen	25.65	0.00	3473.77
MW - 10	12/03/07	3499.42	sheen	25.61	0.00	3473.81
MW - 10	12/12/07	3499.42	sheen	25.56	0.00	3473.86
MW - 10	01/09/08	3499.42	sheen	25.50	0.00	3473.92
MW - 10	01/16/08	3499.42	25.47	25.51	0.04	3473.94
MW - 10	01/23/08	3499.42	-	25.58	0.00	3473.84
MW - 10	02/08/08	3499.42	-	25.71	0.00	3473.71
MW - 10	02/12/08	3499.42	-	25.61	0.00	3473.81
MW - 10	03/05/08	3499.42	-	25.67	0.00	3473.75

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	04/02/08	3499.42	-	25.70	0.00	3473.72
MW - 10	04/14/08	3499.42	-	25.69	0.00	3473.73
MW - 10	05/14/08	3499.42	-	25.70	0.00	3473.72
MW - 10	06/09/08	3499.42	-	25.98	0.00	3473.44
MW - 10	06/23/08	3499.42	-	26.08	0.00	3473.34
MW - 10	07/22/08	3499.42	-	26.59	0.00	3472.83
MW - 10	08/04/08	3499.42	-	26.66	0.00	3472.76
MW - 10	08/18/08	3499.42	-	26.75	0.00	3472.67
MW - 10	09/02/08	3499.42	-	26.62	0.00	3472.80
MW - 10	09/17/08	3499.42	-	26.44	0.00	3472.98
MW - 10	09/29/08	3499.42	-	26.33	0.00	3473.09
MW - 10	10/06/08	3499.42	-	26.41	0.00	3473.01
MW - 10	10/13/08	3499.42	-	26.52	0.00	3472.90
MW - 10	10/20/08	3499.42	-	26.34	0.00	3473.08
MW - 10	10/29/08	3499.42	-	26.24	0.00	3473.18
MW - 10	11/05/08	3499.42	-	26.15	0.00	3473.27
MW - 10	11/10/08	3499.42	-	26.18	0.00	3473.24
MW - 10	11/13/08	3499.42		26.15	0.00	3473.27
MW - 10	12/03/08	3499.42	-	26.32	0.00	3473.10
MW - 10	12/16/08	3499.42	-	25.53	0.00	3473.89
MW - 10	12/30/08	3499.42	sheen	25.12	0.00	3474.30
MW - 10	01/06/09	3499.42			0.00	3499.42
MW - 10	02/11/09	3499.42	-	26.41	0.00	3473.01
MW - 10	02/24/09	3499.42	-	26.41	0.00	3473.01
MW - 10	03/04/09	3499.42	-	26.38	0.00	3473.04
MW - 10	03/17/09	3499.42	-	26.44	0.00	3472.98
MW - 10	03/25/09	3499.42	-	26.31	0.00	3473.11
MW - 10	04/08/09	3499.42	-	26.18	0.00	3473.24
MW - 10	04/15/09	3499.42	-	26.43	0.00	3472.99
MW - 10	04/29/09	3499.42	-	26.41	0.00	3473.01
MW - 10	05/13/09	3499.42	-	26.35	0.00	3473.07
MW - 10	06/01/09	3499.42	-	26.59	0.00	3472.83
MW - 10	06/10/09	3499.42	-	26.37	0.00	3473.05
MW - 10	06/12/09	3499.42	-	26.73	0.00	3472.69
MW - 10	06/18/09	3499.42	-	26.35	0.00	3473.07
MW - 10	06/24/09	3499.42	-	26.88	0.00	3472.54
MW - 10	07/02/09	3499.42	-	26.85	0.00	3472.57
MW - 10	07/08/09	3499.42	-	26.38	0.00	3473.04
MW - 10	07/14/09	3499.42	-	27.02	0.00	3472.40
MW - 10	07/20/09	3499.42	-	27.03	0.00	3472.39
MW - 10	07/27/09	3499.42	-	27.04	0.00	3472.38
MW - 10	08/03/09	3499.42	-	26.96	0.00	3472.46
MW - 10	08/10/09	3499.42	-	27.10	0.00	3472.32
MW - 10	08/11/09	3499.42	-	27.10	0.00	3472.32
MW - 10	08/18/09	3499.42	-	27.16	0.00	3472.26
MW - 10	08/24/09	3499.42	-	27.21	0.00	3472.21

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	08/31/09	3499.42	-	27.30	0.00	3472.12
MW - 10	09/03/09	3499.42	-	27.23	0.00	3472.19
MW - 10	09/08/09	3499.42	-	27.33	0.00	3472.09
MW - 10	09/10/09	3499.42	-	27.40	0.00	3472.02
MW - 10	09/16/09	3499.42	-	27.32	0.00	3472.10
MW - 10	09/22/09	3499.42	-	27.45	0.00	3471.97
MW - 10	09/29/09	3499.42	-	27.05	0.00	3472.37
MW - 10	10/02/09	3499.42	-	27.23	0.00	3472.19
MW - 10	10/07/09	3499.42	-	27.32	0.00	3472.10
MW - 10	10/12/09	3499.42	-	26.38	0.00	3473.04
MW - 10	10/16/09	3499.42	-	27.28	0.00	3472.14
MW - 10	10/20/09	3499.42	-	26.39	0.00	3473.03
MW - 10	10/26/09	3499.42	-	26.39	0.00	3473.03
MW - 10	10/28/09	3499.42	-	27.24	0.00	3472.18
MW - 10	11/04/09	3499.42	-	27.43	0.00	3471.99
MW - 10	11/12/09	3499.42	-	27.25	0.00	3472.17
MW - 10	11/23/09	3499.42	-	27.32	0.00	3472.10
MW - 10	12/03/09	3499.42	-	27.42	0.00	3472.00
MW - 10	12/16/09	3499.42	-	27.41	0.00	3472.01
MW - 10	12/21/09	3499.42	-	27.35	0.00	3472.07
MW - 10	12/28/09	3499.42	-	26.38	0.00	3473.04
MW - 10	01/05/10	3499.42	-	27.42	0.00	3472.00
MW - 10	01/20/10	3499.42	-	26.36	0.00	3473.06
MW - 10	01/25/10	3499.42	-	26.35	0.00	3473.07
MW - 10	01/27/10	3499.42	-	27.41	0.00	3472.01
MW - 10	02/10/10	3499.42	-	27.45	0.00	3471.97
MW - 10	03/01/10	3499.42	-	26.34	0.00	3473.08
MW - 10	03/09/10	3499.42	-	26.41	0.00	3473.01
MW - 10	03/11/10	3499.42	-	27.43	0.00	3471.99
MW - 10	05/25/10	3499.42	-	26.82	0.00	3472.60
MW - 10	06/07/10	3499.42	-	27.26	0.00	3472.16
MW - 10	06/12/10	3499.42	-	27.32	0.00	3472.10
MW - 10	06/25/10	3499.42	-	27.32	0.00	3472.10
MW - 10	07/07/10	3499.42	-	27.08	0.00	3472.34
MW - 10	07/12/10	3499.42	-	25.59	0.00	3473.83
MW - 10	07/26/10	3499.42	DID NOT GAUGE		0.00	3499.42
MW - 10	08/03/10	3499.42	-	26.32	0.00	3473.10
MW - 10	08/13/10	3499.42	-	26.31	0.00	3473.11
MW - 10	08/19/10	3499.42	-	26.26	0.00	3473.16
MW - 10	08/25/10	3499.42	-	26.31	0.00	3473.11
MW - 10	09/01/10	3499.42	-	26.24	0.00	3473.18
MW - 10	09/09/10	3499.42	-	26.23	0.00	3473.19
MW - 10	09/13/10	3499.42	-	26.31	0.00	3473.11
MW - 10	09/29/10	3499.42	-	26.28	0.00	3473.14
MW - 10	10/05/10	3499.42	-	26.32	0.00	3473.10
MW - 10	10/25/10	3499.42	sheen	26.34	0.00	3473.08

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	11/03/10	3499.42	sheen	26.30	0.00	3473.12
MW - 10	11/10/10	3499.42	sheen	26.53	0.00	3472.89
MW - 10	11/18/10	3499.42	sheen	26.53	0.00	3472.89
MW - 10	12/09/10	3499.42	sheen	26.36	0.00	3473.06
MW - 10	01/18/11	3499.42	sheen	26.50	0.00	3472.92
MW - 10	02/22/11	3499.42	sheen	26.55	0.00	3472.87
MW - 10	03/01/11	3499.42	sheen	26.96	0.00	3472.46
MW - 10	03/07/11	3499.42	sheen	26.56	0.00	3472.86
MW - 10	03/22/11	3499.42	sheen	26.54	0.00	3472.88
MW - 10	04/27/11	3499.42	sheen	27.85	0.00	3471.57
MW - 10	05/05/11	3499.42	sheen	26.92	0.00	3472.50
MW - 10	05/10/11	3499.42	sheen	26.88	0.00	3472.54
MW - 10	05/17/11	3499.42	sheen	26.83	0.00	3472.59
MW - 10	05/17/11	3499.42	sheen	26.83	0.00	3472.59
MW - 10	05/24/11	3499.42	sheen	29.96	0.00	3469.46
MW - 10	06/07/11	3499.42	-	27.05	0.00	3472.37
MW - 10	06/14/11	3499.42	sheen	26.94	0.00	3472.48
MW - 10	06/23/11	3499.42	sheen	26.90	0.00	3472.52
MW - 10	06/28/11	3499.42	-	27.01	0.00	3472.41
MW - 10	07/06/11	3499.42	sheen	27.56	0.00	3471.86
MW - 10	07/14/11	3499.42	-	27.51	0.00	3471.91
MW - 10	07/27/11	3499.42	-	27.55	0.00	3471.87
MW - 10	08/03/11	3499.42	-	27.82	0.00	3471.60
MW - 10	08/11/11	3499.42	-	27.92	0.00	3471.50
MW - 10	08/18/11	3499.42	-	27.90	0.00	3471.52
MW - 10	08/25/11	3499.42	-	27.95	0.00	3471.47
MW - 10	09/02/11	3499.42	-	27.99	0.00	3471.43
MW - 10	09/09/11	3499.42	odor	28.04	0.00	3471.38
MW - 10	11/08/11	3499.42	-	28.13	0.00	3471.29
MW - 10	12/28/11	3499.42	-	27.94	0.00	3471.48
MW - 10	01/05/12	3499.42	-	27.96	0.00	3471.46
MW - 10	01/18/12	3499.42	-	27.87	0.00	3471.55
MW - 10	01/27/12	3499.42	-	27.96	0.00	3471.46
MW - 10	02/02/12	3499.42	-	27.88	0.00	3471.54
MW - 10	02/10/12	3499.42	-	28.02	0.00	3471.40
MW - 10	02/15/12	3499.42	-	27.96	0.00	3471.46
MW - 10	03/01/12	3499.42	-	27.75	0.00	3471.67
MW - 10	03/07/12	3499.42	-	27.75	0.00	3471.67
MW - 10	03/14/12	3499.42	-	27.75	0.00	3471.67
MW - 10	03/19/12	3499.42	-	27.67	0.00	3471.75
MW - 10	03/26/12	3499.42	-	27.68	0.00	3471.74
MW - 10	04/04/12	3499.42	-	27.77	0.00	3471.65
MW - 10	04/11/12	3499.42	-	27.74	0.00	3471.68
MW - 10	04/17/12	3499.42	-	27.81	0.00	3471.61
MW - 10	04/25/12	3499.42	-	27.68	0.00	3471.74
MW - 10	05/23/12	3499.42	-	27.73	0.00	3471.69

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	05/31/12	3499.42	-	27.85	0.00	3471.57
MW - 10	06/06/12	3499.42	-	27.75	0.00	3471.67
MW - 10	06/13/12	3499.42	-	27.91	0.00	3471.51
MW - 10	06/20/12	3499.42	-	27.89	0.00	3471.53
MW - 10	07/11/12	3499.42	-	27.98	0.00	3471.44
MW - 10	07/18/12	3499.42	-	28.06	0.00	3471.36
MW - 10	08/02/12	3499.42	-	28.10	0.00	3471.32
MW - 10	08/09/12	3499.42	-	28.29	0.00	3471.13
MW - 10	08/16/12	3499.42	-	28.37	0.00	3471.05
MW - 10	10/02/12	3499.42	-	28.59	0.00	3470.83
MW - 10	10/10/12	3499.42	-	28.60	0.00	3470.82
MW - 10	10/17/12	3499.42	-	28.48	0.00	3470.94
MW - 10	10/26/12	3499.42	28.49	28.50	0.01	3470.93
MW - 10	11/01/12	3499.42	-	29.39	0.00	3470.03
MW - 10	11/19/12	3499.42	-	28.38	0.00	3471.04
MW - 10	12/13/12	3499.42	-	28.41	0.00	3471.01
MW - 10	12/18/12	3499.42	-	28.20	0.00	3471.22
MW - 10	01/08/13	3499.42	-	28.25	0.00	3471.17
MW - 10	01/16/13	3499.42	-	28.29	0.00	3471.13
MW - 10	01/24/13	3499.42	-	28.29	0.00	3471.13
MW - 10	01/30/13	3499.42	28.21	28.23	0.02	3471.21
MW - 10	02/12/13	3499.42	-	28.22	0.00	3471.20
MW - 10	03/19/13	3499.42	-	28.13	0.00	3471.29
MW - 10	04/02/13	3499.42	-	28.17	0.00	3471.25
MW - 10	04/08/13	3499.42	-	28.02	0.00	3471.40
MW - 10	04/16/13	3499.42	-	28.16	0.00	3471.26
MW - 10	04/23/13	3499.42	-	28.25	0.00	3471.17
MW - 10	05/01/13	3499.42	-	28.28	0.00	3471.14
MW - 10	05/08/13	3499.42	-	28.13	0.00	3471.29
MW - 10	05/15/13	3499.42	-	28.11	0.00	3471.31
MW - 10	05/17/13	3499.42	-	28.15	0.00	3471.27
MW - 10	05/23/13	3499.42	-	28.24	0.00	3471.18
MW - 10	05/29/13	3499.42	-	28.19	0.00	3471.23
MW - 10	06/12/13	3499.42	-	28.46	0.00	3470.96
MW - 10	06/19/13	3499.42	-	28.52	0.00	3470.90
MW - 10	06/27/13	3499.42	-	28.63	0.00	3470.79
MW - 10	07/02/13	3499.42	-	28.73	0.00	3470.69
MW - 10	07/08/13	3499.42	-	28.77	0.00	3470.65
MW - 10	07/15/13	3499.42	-	28.79	0.00	3470.63
MW - 10	07/23/13	3499.42	-	28.66	0.00	3470.76
MW - 10	07/29/13	3499.42	-	28.60	0.00	3470.82
MW - 10	08/07/13	3499.42	-	28.64	0.00	3470.78
MW - 10	08/15/13	3499.42	-	28.75	0.00	3470.67
MW - 10	08/20/13	3499.42	-	28.78	0.00	3470.64
MW - 10	08/28/13	3499.42	-	29.11	0.00	3470.31
MW - 10	09/05/13	3499.42	-	29.19	0.00	3470.23

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	09/09/13	3499.42	-	29.05	0.00	3470.37
MW - 10	09/18/13	3499.42	-	29.19	0.00	3470.23
MW - 10	09/28/13	3499.42	-	29.20	0.00	3470.22
MW - 10	10/01/13	3499.42	-	29.26	0.00	3470.16
MW - 10	10/08/13	3499.42	-	29.07	0.00	3470.35
MW - 10	10/14/13	3499.42	-	29.09	0.00	3470.33
MW - 10	10/23/13	3499.42	-	28.94	0.00	3470.48
MW - 10	10/29/13	3499.42	-	28.80	0.00	3470.62
MW - 10	11/16/13	3499.42	-	28.74	0.00	3470.68
MW - 10	11/27/13	3499.42	-	29.10	0.00	3470.32
MW - 10	12/02/13	3499.42	-	28.62	0.00	3470.80
MW - 10	12/14/13	3499.42	-	29.02	0.00	3470.40
MW - 10	12/19/13	3499.42	-	28.52	0.00	3470.90
MW - 10	12/24/13	3499.42	-	28.81	0.00	3470.61
MW - 10	01/02/14	3499.42	-	28.92	0.00	3470.50
MW - 10	01/07/14	3499.42	-	28.68	0.00	3470.74
MW - 10	01/14/14	3499.42	-	28.83	0.00	3470.59
MW - 10	01/21/14	3499.42	-	28.55	0.00	3470.87
MW - 10	01/31/14	3499.42	-	28.66	0.00	3470.76
MW - 10	02/10/14	3499.42	-	27.78	0.00	3471.64
MW - 10	02/27/14	3499.42	-	28.70	0.00	3470.72
MW - 10	03/06/14	3499.42	-	28.52	0.00	3470.90
MW - 10	03/13/14	3499.42	-	28.57	0.00	3470.85
MW - 10	03/25/14	3499.42	28.60	28.63	0.03	3470.82
MW - 10	04/03/14	3499.42	28.47	28.54	0.07	3470.94
MW - 10	04/07/14	3499.42	28.59	29.64	1.05	3470.67
MW - 10	04/14/14	3499.42	28.64	28.72	0.08	3470.77
MW - 10	04/23/14	3499.42	28.42	28.47	0.05	3470.99
MW - 10	04/28/14	3499.42	28.55	28.70	0.15	3470.85
MW - 10	05/05/14	3499.42	28.49	28.76	0.27	3470.89
MW - 10	05/14/14	3499.42	28.65	28.94	0.29	3470.73
MW - 10	05/22/14	3499.42	28.65	28.74	0.09	3470.76
MW - 10	05/28/14	3499.42	28.70	29.07	0.37	3470.66
MW - 10	06/02/14	3499.42	-	28.78	0.00	3470.64
MW - 10	06/12/14	3499.42	29.01	29.16	0.15	3470.39
MW - 10	06/17/14	3499.42	29.04	29.15	0.11	3470.36
MW - 10	06/25/14	3499.42	29.09	29.24	0.15	3470.31
MW - 10	06/30/14	3499.42	29.08	29.19	0.11	3470.32
MW - 10	07/11/14	3499.42	29.22	29.40	0.18	3470.17
MW - 10	07/14/14	3499.42	29.18	29.23	0.05	3470.23
MW - 10	07/22/14	3499.42	29.36	30.07	0.71	3469.95
MW - 10	07/23/14	3499.42	29.36	30.07	0.71	3469.95
MW - 10	08/05/14	3499.42	29.32	29.37	0.05	3470.09
MW - 10	08/12/14	3499.42	29.43	29.60	0.17	3469.96
MW - 10	08/13/14	3499.42	29.38	29.41	0.03	3470.04
MW - 10	08/27/14	3499.42	29.46	29.58	0.12	3469.94

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	09/17/14	3499.42	-	29.11	0.00	3470.31
MW - 10	09/23/14	3499.42	-	28.74	0.00	3470.68
MW - 10	10/10/14	3499.42	-	28.03	0.00	3471.39
MW - 10	10/15/14	3499.42	-	27.93	0.00	3471.49
MW - 10	10/27/14	3499.42	-	27.77	0.00	3471.65
MW - 10	11/04/14	3499.42	-	27.91	0.00	3471.51
MW - 10	11/06/14	3499.42	-	27.89	0.00	3471.53
MW - 10	11/11/14	3499.42	-	27.79	0.00	3471.63
MW - 10	11/18/14	3499.42	-	27.66	0.00	3471.76
MW - 10	12/02/14	3499.42	27.59	27.83	0.24	3471.79
MW - 10	12/09/14	3499.42	27.74	27.79	0.05	3471.67
MW - 10	12/11/14	3499.42	27.54	27.63	0.09	3471.87
MW - 10	12/17/14	3499.42	27.46	27.58	0.12	3471.94
MW - 10	12/23/14	3499.42	27.63	27.74	0.11	3471.77
MW - 10	12/30/14	3499.42	27.72	27.80	0.08	3471.69
MW - 11	06/07/02	3498.18	-	28.48	0.00	3469.70
MW - 11	09/27/02	3498.18	-	28.60	0.00	3469.58
MW - 11	12/04/02	3498.18	-	28.29	0.00	3469.89
MW - 11	02/25/03	3498.18	-	28.23	0.00	3469.95
MW - 11	05/22/03	3498.18	-	28.26	0.00	3469.92
MW - 11	08/26/03	3498.18	-	29.30	0.00	3468.88
MW - 11	11/25/03	3498.18	-	29.56	0.00	3468.62
MW - 11	02/10/04	3498.18	-	29.55	0.00	3468.63
MW - 11	05/10/04	3498.18	-	27.35	0.00	3470.83
MW - 11	08/25/04	3498.18	-	27.64	0.00	3470.54
MW - 11	12/02/04	3498.18	-	26.12	0.00	3472.06
MW - 11	03/10/05	3498.18	-	25.43	0.00	3472.75
MW - 11	06/10/05	3498.18	-	24.75	0.00	3473.43
MW - 11	09/09/05	3498.18	-	25.37	0.00	3472.81
MW - 11	12/05/05	3498.18	-	25.21	0.00	3472.97
MW - 11	03/09/06	3498.18	-	24.98	0.00	3473.20
MW - 11	06/08/06	3498.18	-	25.52	0.00	3472.66
MW - 11	09/15/06	3498.18	-	25.23	0.00	3472.95
MW - 11	11/29/06	3498.18	-	25.10	0.00	3473.08
MW - 11	02/26/07	3498.18	-	24.95	0.00	3473.23
MW - 11	05/21/07	3498.18	-	18.85	0.00	3479.33
MW - 11	08/16/07	3498.18	-	25.31	0.00	3472.87
MW - 11	11/07/07	3498.18	-	24.92	0.00	3473.26
MW - 11	02/12/08	3498.18	-	24.93	0.00	3473.25
MW - 11	05/15/08	3498.18	-	25.08	0.00	3473.10
MW - 11	08/18/08	3498.18	-	26.17	0.00	3472.01
MW - 11	11/13/08	3498.18	-	25.58	0.00	3472.60
MW - 11	02/11/09	3498.18	-	25.61	0.00	3472.57
MW - 11	05/13/09	3498.18	-	25.71	0.00	3472.47
MW - 11	08/11/09	3498.18	-	26.52	0.00	3471.66

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 11	11/23/09	3498.18	-	26.77	0.00	3471.41
MW - 11	01/05/10	3498.18	-	26.65	0.00	3471.53
MW - 11	02/10/10	3498.18	-	26.78	0.00	3471.40
MW - 11	05/25/10	3498.18	-	26.74	0.00	3471.44
MW - 11	08/13/10	3498.18	-	26.73	0.00	3471.45
MW - 11	11/17/10	3498.18	-	26.79	0.00	3471.39
MW - 11	02/22/11	3498.18	-	26.81	0.00	3471.37
MW - 11	05/17/11	3498.18	-	26.84	0.00	3471.34
MW - 11	08/11/11	3498.18	-	27.47	0.00	3470.71
MW - 11	11/08/11	3498.18	-	27.59	0.00	3470.59
MW - 11	12/28/11	3498.18	-	27.45	0.00	3470.73
MW - 11	03/01/12	3498.18	-	27.27	0.00	3470.91
MW - 11	05/23/12	3498.18	-	27.21	0.00	3470.97
MW - 11	08/09/12	3498.18	-	27.81	0.00	3470.37
MW - 11	11/19/12	3498.18	-	27.79	0.00	3470.39
MW - 11	02/12/13	3498.18	-	27.70	0.00	3470.48
MW - 11	05/15/13	3498.18	-	27.62	0.00	3470.56
MW - 11	08/07/13	3498.18	-	28.22	0.00	3469.96
MW - 11	11/26/13	3498.18	-	28.34	0.00	3469.84
MW - 11	02/10/14	3498.18	-	28.17	0.00	3470.01
MW - 11	05/22/14	3498.18	-	28.24	0.00	3469.94
MW - 11	07/22/14	3498.18	-	28.82	0.00	3469.36
MW - 11	08/13/14	3498.18	-	28.96	0.00	3469.22
MW - 11	10/27/14	3498.18	-	26.81	0.00	3471.37
MW - 11	11/05/14	3498.18	-	27.08	0.00	3471.10
MW - 12	06/07/02	3499.66	-	29.56	0.00	3470.10
MW - 12	09/27/02	3499.66	-	29.73	0.00	3469.93
MW - 12	12/04/02	3499.66	-	29.44	0.00	3470.22
MW - 12	02/25/03	3499.66	-	29.40	0.00	3470.26
MW - 12	05/22/03	3499.66	-	29.44	0.00	3470.22
MW - 12	08/26/03	3499.66	-	30.46	0.00	3469.20
MW - 12	11/25/03	3499.66	-	30.69	0.00	3468.97
MW - 12	02/10/04	3499.66	-	30.72	0.00	3468.94
MW - 12	05/10/04	3499.66	-	28.54	0.00	3471.12
MW - 12	08/25/04	3499.66	-	28.78	0.00	3470.88
MW - 12	12/02/04	3499.66	-	27.53	0.00	3472.13
MW - 12	03/10/05	3499.66	-	26.72	0.00	3472.94
MW - 12	06/10/05	3499.66	-	26.01	0.00	3473.65
MW - 12	09/09/05	3499.66	-	26.64	0.00	3473.02
MW - 12	12/05/05	3499.66	-	26.53	0.00	3473.13
MW - 12	03/09/06	3499.66	-	26.33	0.00	3473.33
MW - 12	06/08/06	3499.66	-	26.85	0.00	3472.81
MW - 12	09/15/06	3499.66	-	26.44	0.00	3473.22
MW - 12	11/29/06	3499.66	-	26.30	0.00	3473.36
MW - 12	02/26/07	3499.66	-	26.34	0.00	3473.32

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 12	05/21/07	3499.66	-	25.75	0.00	3473.91
MW - 12	08/16/07	3499.66	-	26.59	0.00	3473.07
MW - 12	11/07/07	3499.66	-	26.19	0.00	3473.47
MW - 12	02/12/08	3499.66	-	26.25	0.00	3473.41
MW - 12	05/15/08	3499.66	-	26.35	0.00	3473.31
MW - 12	08/18/08	3499.66	-	27.40	0.00	3472.26
MW - 12	11/13/08	3499.66	-	26.80	0.00	3472.86
MW - 12	02/11/09	3499.66	-	26.88	0.00	3472.78
MW - 12	05/13/09	3499.66	-	26.89	0.00	3472.77
MW - 12	08/11/09	3499.66	-	27.04	0.00	3472.62
MW - 12	11/23/09	3499.66	-	27.99	0.00	3471.67
MW - 12	01/05/10	3499.66	-	27.84	0.00	3471.82
MW - 12	02/10/10	3499.66	-	28.00	0.00	3471.66
MW - 12	05/25/10	3499.66	-	27.96	0.00	3471.70
MW - 12	08/13/10	3499.66	-	27.76	0.00	3471.90
MW - 12	11/17/10	3499.66	-	28.01	0.00	3471.65
MW - 12	02/22/11	3499.66	-	27.00	0.00	3472.66
MW - 12	05/17/11	3499.66	-	27.02	0.00	3472.64
MW - 12	08/11/11	3499.66	-	28.53	0.00	3471.13
MW - 12	11/08/11	3499.66	-	28.73	0.00	3470.93
MW - 12	03/01/12	3499.66	-	28.45	0.00	3471.21
MW - 12	05/23/12	3499.66	-	28.38	0.00	3471.28
MW - 12	08/09/12	3499.66	-	28.92	0.00	3470.74
MW - 12	11/19/12	3499.66	-	28.96	0.00	3470.70
MW - 12	02/12/13	3499.66	-	28.88	0.00	3470.78
MW - 12	05/15/13	3499.66	-	28.76	0.00	3470.90
MW - 12	08/07/13	3499.66	-	29.33	0.00	3470.33
MW - 12	11/26/13	3499.66	-	29.48	0.00	3470.18
MW - 12	02/10/14	3499.66	-	29.33	0.00	3470.33
MW - 12	04/14/14	3499.66	-	29.40	0.00	3470.26
MW - 12	05/22/14	3499.66	-	29.37	0.00	3470.29
MW - 12	07/22/14	3499.66	-	29.96	0.00	3469.70
MW - 12	08/13/14	3499.66	-	30.08	0.00	3469.58
MW - 12	10/27/14	3499.66	-	28.45	0.00	3471.21
MW - 12	11/05/14	3499.66	-	28.50	0.00	3471.16
MW - 13	06/07/02	3501.60	-	29.51	0.00	3472.09
MW - 13	09/27/02	3501.60	-	29.66	0.00	3471.94
MW - 13	12/04/02	3501.60	-	29.37	0.00	3472.23
MW - 13	02/25/03	3501.60	-	29.34	0.00	3472.26
MW - 13	05/22/03	3501.60	-	29.41	0.00	3472.19
MW - 13	08/26/03	3501.60	-	30.57	0.00	3471.03
MW - 13	11/25/03	3501.60	-	30.77	0.00	3470.83
MW - 13	02/10/04	3501.60	-	30.75	0.00	3470.85
MW - 13	05/10/04	3501.60	-	27.80	0.00	3473.80
MW - 13	08/25/04	3501.60	-	28.58	0.00	3473.02
MW - 13	12/01/04	3501.60	-	26.90	0.00	3474.70
MW - 13	03/10/05	3501.60	-	26.55	0.00	3475.05

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 13	06/10/05	3501.60	-	26.17	0.00	3475.43
MW - 13	09/09/05	3501.60	-	26.53	0.00	3475.07
MW - 13	09/13/05	Plugged and Abandoned				
MW - 14	06/07/02	3498.54	-	29.00	0.00	3469.54
MW - 14	09/27/02	3498.54	-	29.13	0.00	3469.41
MW - 14	12/04/02	3498.54	-	28.79	0.00	3469.75
MW - 14	02/25/03	3498.54	-	28.74	0.00	3469.80
MW - 14	05/22/03	3498.54	-	28.78	0.00	3469.76
MW - 14	08/26/03	3498.54	-	29.87	0.00	3468.67
MW - 14	11/25/03	3498.54	-	30.07	0.00	3468.47
MW - 14	02/10/04	3498.54	-	30.11	0.00	3468.43
MW - 14	05/10/04	3498.54	-	27.81	0.00	3470.73
MW - 14	12/02/04	3498.54	-	26.76	0.00	3471.78
MW - 14	01/11/05	3498.54	26.20	27.82	1.62	3472.10
MW - 14	01/14/05	3498.54	26.85	27.90	1.05	3471.53
MW - 14	01/18/05	3498.54	26.64	27.80	1.16	3471.73
MW - 14	01/21/05	3498.54	26.98	27.15	0.17	3471.53
MW - 14	01/25/05	3498.54	26.80	26.89	0.09	3471.73
MW - 14	01/28/05	3498.54	sheen	26.79	0.00	3471.75
MW - 14	02/02/05	3498.54	sheen	26.69	0.00	3471.85
MW - 14	02/05/05	3498.54	sheen	26.43	0.00	3472.11
MW - 14	02/08/05	3498.54	sheen	26.47	0.00	3472.07
MW - 14	03/10/05	3498.54	-	26.05	0.00	3472.49
MW - 14	06/10/05	3498.54	-	25.40	0.00	3473.14
MW - 14	09/09/05	3498.54	-	25.94	0.00	3472.60
MW - 14	12/05/05	3498.54	-	25.81	0.00	3472.73
MW - 14	03/09/06	3498.54	-	25.58	0.00	3472.96
MW - 14	06/08/06	3498.54	-	26.16	0.00	3472.38
MW - 14	09/15/06	3498.54	-	25.74	0.00	3472.80
MW - 14	11/29/06	3498.54	-	25.56	0.00	3472.98
MW - 14	02/26/07	3498.54	-	25.60	0.00	3472.94
MW - 14	05/21/07	3498.54	-	24.93	0.00	3473.61
MW - 14	08/16/07	3498.54	-	25.93	0.00	3472.61
MW - 14	11/07/07	3498.54	-	25.51	0.00	3473.03
MW - 14	02/12/08	3498.54	-	25.51	0.00	3473.03
MW - 14	05/15/08	3498.54	-	25.66	0.00	3472.88
MW - 14	08/18/08	3498.54	-	26.74	0.00	3471.80
MW - 14	11/13/08	3498.54	-	26.11	0.00	3472.43
MW - 14	02/11/09	3498.54	-	26.17	0.00	3472.37
MW - 14	05/13/09	3498.54	-	26.28	0.00	3472.26
MW - 14	08/11/09	3498.54	-	27.10	0.00	3471.44
MW - 14	11/23/09	3498.54	-	27.29	0.00	3471.25
MW - 14	01/05/09	3498.54	-	27.19	0.00	3471.35
MW - 14	02/10/10	3498.54	-	27.31	0.00	3471.23
MW - 14	05/25/10	3498.54	-	27.28	0.00	3471.26

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 14	08/13/10	3498.54	-	27.28	0.00	3471.26
MW - 14	11/17/10	3498.54	-	27.28	0.00	3471.26
MW - 14	02/22/11	3498.54	-	27.26	0.00	3471.28
MW - 14	05/17/11	3498.54	-	27.29	0.00	3471.25
MW - 14	08/11/11	3498.54	-	27.95	0.00	3470.59
MW - 14	11/08/11	3498.54	-	28.10	0.00	3470.44
MW - 14	03/01/12	3498.54	-	27.76	0.00	3470.78
MW - 14	05/23/12	3498.54	-	27.70	0.00	3470.84
MW - 14	08/09/12	3498.54	-	28.28	0.00	3470.26
MW - 14	11/19/12	3498.54	-	28.29	0.00	3470.25
MW - 14	02/12/13	3498.54	-	28.21	0.00	3470.33
MW - 14	05/15/13	3498.54	-	28.10	0.00	3470.44
MW - 14	08/07/13	3498.54	-	28.65	0.00	3469.89
MW - 14	11/26/13	3498.54	-	28.80	0.00	3469.74
MW - 14	02/10/14	3498.54	-	28.66	0.00	3469.88
MW - 14	05/22/14	3498.54	-	28.73	0.00	3469.81
MW - 14	07/22/14	3498.54	-	29.31	0.00	3469.23
MW - 14	08/13/14	3498.54	-	29.44	0.00	3469.10
MW - 14	10/27/14	3498.54	-	27.27	0.00	3471.27
MW - 14	11/05/14	3498.54	-	27.53	0.00	3471.01
MW - 14	11/18/14	3498.54	-	27.06	0.00	3471.48
MW - 15	06/07/02	3500.65	-	31.42	0.00	3469.23
MW - 15	09/27/02	3500.65	-	31.40	0.00	3469.25
MW - 15	12/04/02	3500.65	-	31.13	0.00	3469.52
MW - 15	02/25/03	3500.65	-	31.00	0.00	3469.65
MW - 15	05/22/03	3500.65	-	31.08	0.00	3469.57
MW - 15	08/26/03	3500.65	-	32.13	0.00	3468.52
MW - 15	11/25/03	3500.65	-	32.36	0.00	3468.29
MW - 15	02/10/04	3500.65	-	32.37	0.00	3468.28
MW - 15	05/10/04	3500.65	-	30.23	0.00	3470.42
MW - 15	08/25/04	3500.65	-	30.42	0.00	3470.23
MW - 15	12/01/04	3500.65	-	28.83	0.00	3471.82
MW - 15	03/10/05	3500.65	-	28.15	0.00	3472.50
MW - 15	06/10/05	3500.65	-	27.56	0.00	3473.09
MW - 15	09/09/05	3500.65	-	28.14	0.00	3472.51
MW - 15	12/05/05	3500.65	-	27.90	0.00	3472.75
MW - 15	03/09/06	3500.65	-	27.73	0.00	3472.92
MW - 15	06/08/06	3500.65	-	28.31	0.00	3472.34
MW - 15	09/15/06	3500.65	-	28.02	0.00	3472.63
MW - 15	11/29/06	3500.65	-	27.76	0.00	3472.89
MW - 15	02/26/07	3500.65	-	27.70	0.00	3472.95
MW - 15	05/21/07	3500.65	-	27.26	0.00	3473.39
MW - 15	08/16/07	3500.65	-	28.11	0.00	3472.54
MW - 15	11/07/07	3500.65	-	27.69	0.00	3472.96
MW - 15	02/12/08	3500.65	-	28.34	0.00	3472.31

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 15	05/15/08	3500.65	-	27.86	0.00	3472.79
MW - 15	08/18/08	3500.65	-	28.97	0.00	3471.68
MW - 15	11/13/08	3500.65	-	28.37	0.00	3472.28
MW - 15	02/11/09	3500.65	-	28.39	0.00	3472.26
MW - 15	05/13/09	3500.65	-	28.49	0.00	3472.16
MW - 15	08/11/09	3500.65	-	29.32	0.00	3471.33
MW - 15	11/23/09	3500.65	-	29.56	0.00	3471.09
MW - 15	01/05/10	3500.65	-	29.41	0.00	3471.24
MW - 15	02/10/10	3500.65	-	29.58	0.00	3471.07
MW - 15	05/25/10	3500.65	-	29.53	0.00	3471.12
MW - 15	08/13/10	3500.65	-	29.52	0.00	3471.13
MW - 15	11/17/10	3500.65	-	29.59	0.00	3471.06
MW - 15	02/22/11	3500.65	-	29.58	0.00	3471.07
MW - 15	05/17/11	3500.65	-	29.58	0.00	3471.07
MW - 15	08/11/11	3500.65	-	30.15	0.00	3470.50
MW - 15	11/08/11	3500.65	-	30.40	0.00	3470.25
MW - 15	03/01/12	3500.65	-	30.06	0.00	3470.59
MW - 15	05/23/12	3500.65	-	30.05	0.00	3470.60
MW - 15	08/09/12	3500.65	-	30.64	0.00	3470.01
MW - 15	11/19/12	3500.65	-	30.60	0.00	3470.05
MW - 15	02/12/13	3500.65	-	30.52	0.00	3470.13
MW - 15	05/15/13	3500.65	-	30.45	0.00	3470.20
MW - 15	08/07/13	3500.65	-	31.08	0.00	3469.57
MW - 15	11/27/13	3500.65	-	31.18	0.00	3469.47
MW - 15	02/10/14	3500.65	-	30.98	0.00	3469.67
MW - 15	05/22/14	3500.65	-	31.05	0.00	3469.60
MW - 15	07/22/14	3500.65	-	31.72	0.00	3468.93
MW - 15	08/13/14	3500.65	-	31.81	0.00	3468.84
MW - 15	10/27/14	3500.65	-	29.82	0.00	3470.83
MW - 15	11/05/14	3500.65	-	29.99	0.00	3470.66
MW - 16	06/07/02	3501.45	-	32.78	0.00	3468.67
MW - 16	09/27/02	3501.45	-	32.77	0.00	3468.68
MW - 16	12/04/02	3501.45	-	32.49	0.00	3468.96
MW - 16	02/25/03	3501.45	-	32.36	0.00	3469.09
MW - 16	05/22/03	3501.45	-	32.41	0.00	3469.04
MW - 16	08/26/03	3501.45	-	33.50	0.00	3467.95
MW - 16	11/25/03	3501.45	-	33.73	0.00	3467.72
MW - 16	02/10/04	3501.45	-	33.78	0.00	3467.67
MW - 16	05/10/04	3501.45	-	31.77	0.00	3469.68
MW - 16	08/25/04	3501.45	-	31.79	0.00	3469.66
MW - 16	12/01/04	3501.45	-	30.27	0.00	3471.18
MW - 16	03/10/05	3501.45	-	25.60	0.00	3475.85
MW - 16	06/10/05	3501.45	-	28.95	0.00	3472.50
MW - 16	09/09/05	3501.45	-	29.51	0.00	3471.94
MW - 16	12/05/05	3501.45	-	29.30	0.00	3472.15

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 16	03/09/06	3501.45	-	29.09	0.00	3472.36
MW - 16	06/08/06	3501.45	-	29.71	0.00	3471.74
MW - 16	09/15/06	3501.45	-	29.41	0.00	3472.04
MW - 16	11/29/06	3501.45	-	29.13	0.00	3472.32
MW - 16	02/26/07	3501.45	-	29.06	0.00	3472.39
MW - 16	05/21/07	3501.45	-	28.58	0.00	3472.87
MW - 16	08/16/07	3501.45	-	29.48	0.00	3471.97
MW - 16	11/07/07	3501.45	-	29.07	0.00	3472.38
MW - 16	02/12/08	3501.45	-	29.67	0.00	3471.78
MW - 16	05/15/08	3501.45	-	29.24	0.00	3472.21
MW - 16	08/18/08	3501.45	-	30.34	0.00	3471.11
MW - 16	11/13/08	3501.45	-	29.78	0.00	3471.67
MW - 16	02/11/09	3501.45	-	29.85	0.00	3471.60
MW - 16	05/13/09	3501.45	-	29.84	0.00	3471.61
MW - 16	08/11/09	3501.45	-	30.73	0.00	3470.72
MW - 16	11/23/09	3501.45	-	30.94	0.00	3470.51
MW - 16	01/05/10	3501.45	-	30.86	0.00	3470.59
MW - 16	02/10/10	3501.45	-	30.96	0.00	3470.49
MW - 16	05/25/10	3501.45	-	30.92	0.00	3470.53
MW - 16	08/13/10	3501.45	-	30.93	0.00	3470.52
MW - 16	11/17/10	3501.45	-	30.92	0.00	3470.53
MW - 16	02/22/11	3501.45	-	30.91	0.00	3470.54
MW - 16	05/17/11	3501.45	-	30.94	0.00	3470.51
MW - 16	08/11/11	3501.45	-	30.96	0.00	3470.49
MW - 16	11/08/11	3501.45	-	31.75	0.00	3469.70
MW - 16	03/01/12	3501.45	-	31.45	0.00	3470.00
MW - 16	05/23/12	3501.45	-	31.43	0.00	3470.02
MW - 16	08/09/12	3501.45	-	31.23	0.00	3470.22
MW - 16	11/19/12	3501.45	-	32.01	0.00	3469.44
MW - 16	02/12/13	3501.45	-	31.89	0.00	3469.56
MW - 16	05/15/13	3501.45	-	31.81	0.00	3469.64
MW - 16	08/07/13	3501.45	-	32.45	0.00	3469.00
MW - 16	11/26/13	3501.45	-	32.57	0.00	3468.88
MW - 16	02/10/14	3501.45	-	32.37	0.00	3469.08
MW - 16	05/22/14	3501.45	-	32.45	0.00	3469.00
MW - 16	07/22/14	3501.45	-	33.04	0.00	3468.41
MW - 16	08/13/14	3501.45	-	33.16	0.00	3468.29
MW - 16	10/27/14	3501.45	-	31.26	0.00	3470.19
MW - 16	11/05/14	3501.45	-	31.40	0.00	3470.05
MW - 17	06/07/02	3498.32	-	30.25	0.00	3468.07
MW - 17	09/27/02	3498.32	-	30.32	0.00	3468.00
MW - 17	12/04/02	3498.32	-	30.11	0.00	3468.21
MW - 17	02/25/03	3498.32	-	29.94	0.00	3468.38
MW - 17	05/22/03	3498.32	-	29.94	0.00	3468.38
MW - 17	08/26/03	3498.32	-	31.04	0.00	3467.28

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 17	11/24/03	3498.32	-	31.25	0.00	3467.07
MW - 17	02/10/04	3498.32	-	31.29	0.00	3467.03
MW - 17	05/10/04	3498.32	-	29.35	0.00	3468.97
MW - 17	08/25/04	3498.32	-	29.31	0.00	3469.01
MW - 17	12/01/04	3498.32	-	27.92	0.00	3470.40
MW - 17	03/10/05	3498.32	-	27.54	0.00	3470.78
MW - 17	06/10/05	3498.32	-	26.47	0.00	3471.85
MW - 17	09/09/05	3498.32	-	27.05	0.00	3471.27
MW - 17	12/05/05	3498.32	-	26.85	0.00	3471.47
MW - 17	03/09/06	3498.32	-	26.64	0.00	3471.68
MW - 17	06/08/06	3498.32	-	27.33	0.00	3470.99
MW - 17	09/15/06	3498.32	-	27.00	0.00	3471.32
MW - 17	11/29/06	3498.32	-	26.74	0.00	3471.58
MW - 17	02/14/07	3498.32	-	26.76	0.00	3471.56
MW - 17	02/26/07	3498.32	-	26.61	0.00	3471.71
MW - 17	05/21/07	3498.32	-	26.23	0.00	3472.09
MW - 17	08/16/07	3498.32	-	27.00	0.00	3471.32
MW - 17	11/02/07	3498.32	-	26.64	0.00	3471.68
MW - 17	02/12/08	3498.32	-	27.32	0.00	3471.00
MW - 17	05/15/08	3498.32	-	26.85	0.00	3471.47
MW - 17	08/18/08	3498.32	-	27.87	0.00	3470.45
MW - 17	09/17/08	3498.32	-	27.65	0.00	3470.67
MW - 17	09/29/08	3498.32	-	27.57	0.00	3470.75
MW - 17	10/06/08	3498.32	-	27.61	0.00	3470.71
MW - 17	10/13/08	3498.32	-	27.74	0.00	3470.58
MW - 17	10/20/08	3498.32	-	27.75	0.00	3470.57
MW - 17	10/29/08	3498.32	-	27.56	0.00	3470.76
MW - 17	11/05/08	3498.32	-	27.38	0.00	3470.94
MW - 17	11/10/08	3498.32	-	27.43	0.00	3470.89
MW - 17	11/13/08	3498.32	-	27.48	0.00	3470.84
MW - 17	12/03/08	3498.32	-	27.45	0.00	3470.87
MW - 17	12/16/08	3498.32	-	27.39	0.00	3470.93
MW - 17	12/30/08	3498.32	-	27.49	0.00	3470.83
MW - 17	02/11/09	3498.32	-	27.50	0.00	3470.82
MW - 17	02/24/09	3498.32	-	27.41	0.00	3470.91
MW - 17	03/04/09	3498.32	-	27.37	0.00	3470.95
MW - 17	03/17/09	3498.32	-	27.43	0.00	3470.89
MW - 17	03/25/09	3498.32	-	27.44	0.00	3470.88
MW - 17	04/08/09	3498.32	-	27.42	0.00	3470.90
MW - 17	04/15/09	3498.32	-	26.72	0.00	3471.60
MW - 17	04/29/09	3498.32	-	27.43	0.00	3470.89
MW - 17	05/13/09	3498.32	-	27.46	0.00	3470.86
MW - 17	06/10/09	3498.32	-	27.48	0.00	3470.84
MW - 17	06/12/09	3498.32	-	27.94	0.00	3470.38
MW - 17	06/18/09	3498.32	-	27.48	0.00	3470.84
MW - 17	07/02/09	3498.32	-	28.09	0.00	3470.23

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 17	07/08/09	3498.32	-	28.06	0.00	3470.26
MW - 17	07/14/09	3498.32	-	28.11	0.00	3470.21
MW - 17	07/20/09	3498.32	-	28.13	0.00	3470.19
MW - 17	07/27/09	3498.32	-	28.13	0.00	3470.19
MW - 17	08/03/09	3498.32	-	28.15	0.00	3470.17
MW - 17	08/11/09	3498.32	-	28.29	0.00	3470.03
MW - 17	08/24/09	3498.32	-	38.23	0.00	3460.09
MW - 17	08/31/09	3498.32	-	38.27	0.00	3460.05
MW - 17	09/08/09	3498.32	-	28.46	0.00	3469.86
MW - 17	09/22/09	3498.32	-	28.46	0.00	3469.86
MW - 17	09/29/09	3498.32	-	28.15	0.00	3470.17
MW - 17	10/07/09	3498.32		28.51	0.00	3469.81
MW - 17	10/12/09	3498.32	-	28.09	0.00	3470.23
MW - 17	10/16/09	3498.32	-	28.51	0.00	3469.81
MW - 17	10/26/09	3498.32	-	28.10	0.00	3470.22
MW - 17	11/12/09	3498.32	-	28.54	0.00	3469.78
MW - 17	11/23/09	3498.32	-	28.54	0.00	3469.78
MW - 17	12/28/09	3498.32	-	28.13	0.00	3470.19
MW - 17	01/05/10	3498.32	-	28.55	0.00	3469.77
MW - 17	01/20/10	3498.32	-	28.12	0.00	3470.20
MW - 17	01/25/10	3498.32	-	28.13	0.00	3470.19
MW - 17	02/10/10	3498.32	-	28.60	0.00	3469.72
MW - 17	03/01/10	3498.32	-	28.15	0.00	3470.17
MW - 17	05/25/10	3498.32	-	28.47	0.00	3469.85
MW - 17	06/07/10	3498.32	-	28.46	0.00	3469.86
MW - 17	06/12/10	3498.32	-	28.56	0.00	3469.76
MW - 17	06/25/10	3498.32	-	28.93	0.00	3469.39
MW - 17	07/07/10	3498.32	-	28.26	0.00	3470.06
MW - 17	07/12/10	3498.32	-	27.78	0.00	3470.54
MW - 17	07/26/10	3498.32	DID NOT GAUGE		0.00	3498.32
MW - 17	08/03/10	3498.32	-	27.61	0.00	3470.71
MW - 17	08/13/10	3498.32	-	27.60	0.00	3470.72
MW - 17	08/19/10	3498.32	-	27.66	0.00	3470.66
MW - 17	08/25/10	3498.32	-	27.77	0.00	3470.55
MW - 17	09/01/10	3498.32	-	27.67	0.00	3470.65
MW - 17	09/09/10	3498.32	-	27.73	0.00	3470.59
MW - 17	09/29/10	3498.32	-	27.73	0.00	3470.59
MW - 17	11/03/10	3498.32	-	27.57	0.00	3470.75
MW - 17	11/10/10	3498.32	-	28.91	0.00	3469.41
MW - 17	11/18/10	3498.32	-	28.52	0.00	3469.80
MW - 17	12/09/10	3498.32	-	27.64	0.00	3470.68
MW - 17	02/22/11	3498.32	-	28.50	0.00	3469.82
MW - 17	03/01/11	3498.32	sheen	28.11	0.00	3470.21
MW - 17	03/07/11	3498.32	sheen	27.99	0.00	3470.33
MW - 17	04/27/11	3498.32	-	28.30	0.00	3470.02
MW - 17	05/05/11	3498.32	sheen	28.29	0.00	3470.03

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 17	05/10/11	3498.32	-	28.32	0.00	3470.00
MW - 17	05/17/11	3498.32	-	28.30	0.00	3470.02
MW - 17	05/17/11	3498.32	-	28.30	0.00	3470.02
MW - 17	05/24/11	3498.32	-	28.25	0.00	3470.07
MW - 17	06/07/11	3498.32	-	28.42	0.00	3469.90
MW - 17	06/14/11	3498.32	-	28.43	0.00	3469.89
MW - 17	06/23/11	3498.32	-	28.38	0.00	3469.94
MW - 17	06/28/11	3498.32	-	28.49	0.00	3469.83
MW - 17	07/06/11	3498.32	sheen	28.90	0.00	3469.42
MW - 17	07/14/11	3498.32	-	28.88	0.00	3469.44
MW - 17	07/27/11	3498.32	-	28.91	0.00	3469.41
MW - 17	08/03/11	3498.32	-	29.09	0.00	3469.23
MW - 17	08/11/11	3498.32	-	28.96	0.00	3469.36
MW - 17	08/18/11	3498.32	-	29.15	0.00	3469.17
MW - 17	08/25/11	3498.32	-	29.23	0.00	3469.09
MW - 17	09/02/11	3498.32	-	29.28	0.00	3469.04
MW - 17	09/09/11	3498.32	-	29.32	0.00	3469.00
MW - 17	11/08/11	3498.32	-	29.35	0.00	3468.97
MW - 17	12/28/11	3498.32	-	29.21	0.00	3469.11
MW - 17	01/05/12	3498.32	-	29.29	0.00	3469.03
MW - 17	01/18/12	3498.32	-	29.23	0.00	3469.09
MW - 17	01/27/12	3498.32	-	29.25	0.00	3469.07
MW - 17	02/02/12	3498.32	-	29.20	0.00	3469.12
MW - 17	02/10/12	3498.32	-	29.27	0.00	3469.05
MW - 17	02/15/12	3498.32	-	29.18	0.00	3469.14
MW - 17	03/01/12	3498.32	-	29.06	0.00	3469.26
MW - 17	03/07/12	3498.32	-	29.05	0.00	3469.27
MW - 17	03/14/12	3498.32	-	29.19	0.00	3469.13
MW - 17	03/19/12	3498.32	-	29.00	0.00	3469.32
MW - 17	03/26/12	3498.32	-	29.07	0.00	3469.25
MW - 17	04/04/12	3498.32	-	29.09	0.00	3469.23
MW - 17	04/11/12	3498.32	-	29.10	0.00	3469.22
MW - 17	04/17/12	3498.32	-	29.09	0.00	3469.23
MW - 17	04/25/12	3498.32	-	29.01	0.00	3469.31
MW - 17	05/23/12	3498.32	-	29.06	0.00	3469.26
MW - 17	05/31/12	3498.32	-	29.12	0.00	3469.20
MW - 17	06/06/12	3498.32	-	29.11	0.00	3469.21
MW - 17	06/13/12	3498.32	-	29.21	0.00	3469.11
MW - 17	06/20/12	3498.32	-	29.09	0.00	3469.23
MW - 17	07/11/12	3498.32	-	29.29	0.00	3469.03
MW - 17	07/18/12	3498.32	-	29.37	0.00	3468.95
MW - 17	08/02/12	3498.32	-	29.43	0.00	3468.89
MW - 17	08/09/12	3498.32	-	29.52	0.00	3468.80
MW - 17	08/16/12	3498.32	-	29.60	0.00	3468.72
MW - 17	10/02/12	3498.32	-	29.81	0.00	3468.51
MW - 17	10/10/12	3498.32	-	29.81	0.00	3468.51

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 17	10/17/12	3498.32	-	29.59	0.00	3468.73
MW - 17	10/26/12	3498.32	-	29.78	0.00	3468.54
MW - 17	11/01/12	3498.32	-	29.69	0.00	3468.63
MW - 17	11/19/12	3498.32	-	29.67	0.00	3468.65
MW - 17	12/13/12	3498.32	-	29.64	0.00	3468.68
MW - 17	12/18/12	3498.32	-	29.48	0.00	3468.84
MW - 17	01/08/13	3498.32	-	29.50	0.00	3468.82
MW - 17	01/16/13	3498.32	-	29.59	0.00	3468.73
MW - 17	01/24/13	3498.32	-	29.57	0.00	3468.75
MW - 17	01/30/13	3498.32	-	29.59	0.00	3468.73
MW - 17	02/12/13	3498.32	-	29.51	0.00	3468.81
MW - 17	03/19/13	3498.32	-	29.42	0.00	3468.90
MW - 17	04/02/13	3498.32	-	29.48	0.00	3468.84
MW - 17	04/08/13	3498.32	-	29.40	0.00	3468.92
MW - 17	04/16/13	3498.32	-	29.50	0.00	3468.82
MW - 17	04/23/13	3498.32	-	29.57	0.00	3468.75
MW - 17	05/01/13	3498.32	-	29.44	0.00	3468.88
MW - 17	05/08/13	3498.32	-	29.42	0.00	3468.90
MW - 17	05/15/13	3498.32	-	29.34	0.00	3468.98
MW - 17	05/17/13	3498.32	-	29.42	0.00	3468.90
MW - 17	05/23/13	3498.32	-	29.48	0.00	3468.84
MW - 17	05/29/13	3498.32	-	29.45	0.00	3468.87
MW - 17	06/12/13	3498.32	-	29.76	0.00	3468.56
MW - 17	06/19/13	3498.32	-	29.81	0.00	3468.51
MW - 17	06/27/13	3498.32	-	29.91	0.00	3468.41
MW - 17	07/02/13	3498.32	-	29.99	0.00	3468.33
MW - 17	07/08/13	3498.32	-	30.03	0.00	3468.29
MW - 17	07/15/13	3498.32	-	30.11	0.00	3468.21
MW - 17	07/23/13	3498.32	-	30.02	0.00	3468.30
MW - 17	07/29/13	3498.32	-	29.97	0.00	3468.35
MW - 17	08/07/13	3498.32	-	30.15	0.00	3468.17
MW - 17	08/15/13	3498.32	-	30.23	0.00	3468.09
MW - 17	08/20/13	3498.32	-	30.13	0.00	3468.19
MW - 17	08/28/13	3498.32	-	30.37	0.00	3467.95
MW - 17	09/05/13	3498.32	-	30.27	0.00	3468.05
MW - 17	09/09/13	3498.32	-	30.13	0.00	3468.19
MW - 17	09/18/13	3498.32	-	30.40	0.00	3467.92
MW - 17	09/28/13	3498.32	-	30.37	0.00	3467.95
MW - 17	10/01/13	3498.32	-	30.37	0.00	3467.95
MW - 17	10/08/13	3498.32	-	30.32	0.00	3468.00
MW - 17	10/14/13	3498.32	-	30.35	0.00	3467.97
MW - 17	10/23/13	3498.32	-	30.16	0.00	3468.16
MW - 17	10/29/13	3498.32	-	30.09	0.00	3468.23
MW - 17	11/16/13	3498.32	-	30.24	0.00	3468.08
MW - 17	11/27/13	3498.32	-	30.16	0.00	3468.16
MW - 17	12/02/13	3498.32	-	30.13	0.00	3468.19

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 17	12/14/13	3498.32	-	30.31	0.00	3468.01
MW - 17	12/19/13	3498.32	-	29.89	0.00	3468.43
MW - 17	12/24/13	3498.32	-	30.08	0.00	3468.24
MW - 17	01/02/14	3498.32	-	30.08	0.00	3468.24
MW - 17	01/07/14	3498.32	-	29.98	0.00	3468.34
MW - 17	01/14/14	3498.32	-	30.10	0.00	3468.22
MW - 17	01/21/14	3498.32	-	29.95	0.00	3468.37
MW - 17	01/31/14	3498.32	-	29.94	0.00	3468.38
MW - 17	02/10/14	3498.32	-	30.02	0.00	3468.30
MW - 17	02/27/14	3498.32	-	29.89	0.00	3468.43
MW - 17	03/06/14	3498.32	-	29.93	0.00	3468.39
MW - 17	03/13/14	3498.32	-	30.00	0.00	3468.32
MW - 17	03/25/14	3498.32	-	29.98	0.00	3468.34
MW - 17	04/03/14	3498.32	-	29.88	0.00	3468.44
MW - 17	04/07/14	3498.32	-	29.98	0.00	3468.34
MW - 17	04/14/14	3498.32	-	30.12	0.00	3468.20
MW - 17	04/23/14	3498.32	-	29.97	0.00	3468.35
MW - 17	04/28/14	3498.32	-	30.01	0.00	3468.31
MW - 17	05/05/14	3498.32	-	30.06	0.00	3468.26
MW - 17	05/14/14	3498.32	-	29.90	0.00	3468.42
MW - 17	05/22/14	3498.32	-	29.98	0.00	3468.34
MW - 17	05/28/14	3498.32	-	30.06	0.00	3468.26
MW - 17	06/02/14	3498.32	-	30.11	0.00	3468.21
MW - 17	06/12/14	3498.32	-	30.35	0.00	3467.97
MW - 17	06/17/14	3498.32	-	30.36	0.00	3467.96
MW - 17	06/25/14	3498.32	-	30.44	0.00	3467.88
MW - 17	06/30/14	3498.32	-	30.41	0.00	3467.91
MW - 17	07/11/14	3498.32	-	30.48	0.00	3467.84
MW - 17	07/14/14	3498.32	-	30.51	0.00	3467.81
MW - 17	07/22/14	3498.32	-	30.57	0.00	3467.75
MW - 17	07/23/14	3498.32	-	30.57	0.00	3467.75
MW - 17	08/05/14	3498.32	-	30.60	0.00	3467.72
MW - 17	08/12/14	3498.32	-	30.72	0.00	3467.60
MW - 17	08/13/14	3498.32	-	30.22	0.00	3468.10
MW - 17	08/27/14	3498.32	-	30.83	0.00	3467.49
MW - 17	09/17/14	3498.32	-	29.84	0.00	3468.48
MW - 17	09/23/14	3498.32	-	29.32	0.00	3469.00
MW - 17	10/10/14	3498.32	-	28.79	0.00	3469.53
MW - 17	10/15/14	3498.32	-	28.79	0.00	3469.53
MW - 17	10/20/14	3498.32	-	28.83	0.00	3469.49
MW - 17	10/27/14	3498.32	-	28.84	0.00	3469.48
MW - 17	11/04/14	3498.32	-	29.04	0.00	3469.28
MW - 17	11/06/14	3498.32	-	28.97	0.00	3469.35
MW - 17	11/11/14	3498.32	-	28.80	0.00	3469.52
MW - 17	11/18/14	3498.32	-	28.74	0.00	3469.58
MW - 17	12/02/14	3498.32	-	28.69	0.00	3469.63

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 17	12/09/14	3498.32	-	28.73	0.00	3469.59
MW - 17	12/17/14	3498.32	-	28.68	0.00	3469.64
MW - 17	12/23/14	3498.32	-	28.84	0.00	3469.48
MW - 17	12/30/14	3498.32	-	28.88	0.00	3469.44
MW - 18	06/07/02	3497.25	-	29.42	0.00	3467.83
MW - 18	09/27/02	3497.25	-	29.53	0.00	3467.72
MW - 18	12/04/02	3497.25	-	29.25	0.00	3468.00
MW - 18	02/25/03	3497.25	-	29.05	0.00	3468.20
MW - 18	05/22/03	3497.25	-	29.18	0.00	3468.07
MW - 18	08/26/03	3497.25	-	30.32	0.00	3466.93
MW - 18	11/25/03	3497.25	-	30.38	0.00	3466.87
MW - 18	02/10/04	3497.25	-	30.45	0.00	3466.80
MW - 18	05/10/04	3497.25	-	28.37	0.00	3468.88
MW - 18	08/25/04	3497.25	-	28.49	0.00	3468.76
MW - 18	12/02/04	3497.25	-	27.15	0.00	3470.10
MW - 18	03/10/05	3497.25	-	26.60	0.00	3470.65
MW - 18	06/10/05	3497.25	-	27.45	0.00	3469.80
MW - 18	09/09/05	3497.25	-	26.26	0.00	3470.99
MW - 18	12/05/05	3497.25	-	26.14	0.00	3471.11
MW - 18	03/09/06	3497.25	-	25.89	0.00	3471.36
MW - 18	06/08/06	3497.25	-	26.52	0.00	3470.73
MW - 18	09/15/06	3497.25	-	26.16	0.00	3471.09
MW - 18	11/29/06	3497.25	-	25.95	0.00	3471.30
MW - 18	02/14/07	3497.25	-	25.97	0.00	3471.28
MW - 18	02/26/07	3497.25	-	25.95	0.00	3471.30
MW - 18	04/03/07	3497.25	-	25.60	0.00	3471.65
MW - 18	05/21/07	3497.25	-	25.25	0.00	3472.00
MW - 18	08/16/07	3497.25	-	26.26	0.00	3470.99
MW - 18	11/07/07	3497.25	-	25.86	0.00	3471.39
MW - 18	02/12/08	3497.25	-	25.89	0.00	3471.36
MW - 18	05/15/08	3497.25	-	26.06	0.00	3471.19
MW - 18	08/18/08	3497.25	-	27.05	0.00	3470.20
MW - 18	09/17/08	3497.25	-	26.73	0.00	3470.52
MW - 18	11/13/08	3497.25	-	26.45	0.00	3470.80
MW - 18	02/11/09	3497.25	-	26.56	0.00	3470.69
MW - 18	02/24/09	3497.25	-	27.98	0.00	3469.27
MW - 18	03/04/09	3497.25	-	26.47	0.00	3470.78
MW - 18	03/17/09	3497.25	-	27.51	0.00	3469.74
MW - 18	03/25/09	3497.25	-	26.48	0.00	3470.77
MW - 18	04/08/09	3497.25	-	26.49	0.00	3470.76
MW - 18	04/15/09	3497.25	-	27.50	0.00	3469.75
MW - 18	04/15/09	3497.25	-	25.52	0.00	3471.73
MW - 18	05/13/09	3497.25	-	26.58	0.00	3470.67
MW - 18	06/10/09	3497.25	-	26.60	0.00	3470.65
MW - 18	06/18/09	3497.25	-	26.60	0.00	3470.65

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 18	07/02/09	3497.25	-	27.24	0.00	3470.01
MW - 18	07/08/09	3497.25	-	27.22	0.00	3470.03
MW - 18	07/14/09	3497.25	-	27.25	0.00	3470.00
MW - 18	07/20/09	3497.25	-	27.27	0.00	3469.98
MW - 18	07/27/09	3497.25	-	27.28	0.00	3469.97
MW - 18	08/03/09	3497.25	-	27.26	0.00	3469.99
MW - 18	08/11/09	3497.25	-	27.38	0.00	3469.87
MW - 18	08/24/09	3497.25	-	37.47	0.00	3459.78
MW - 18	08/31/09	3497.25	-	37.39	0.00	3459.86
MW - 18	09/08/09	3497.25	-	27.55	0.00	3469.70
MW - 18	09/22/09	3497.25	-	27.57	0.00	3469.68
MW - 18	09/29/09	3497.25	-	27.29	0.00	3469.96
MW - 18	10/07/09	3497.25		27.62	0.00	3469.63
MW - 18	10/12/09	3497.25	-	27.24	0.00	3470.01
MW - 18	10/16/09	3497.25	-	27.56	0.00	3469.69
MW - 18	10/26/09	3497.25	-	27.26	0.00	3469.99
MW - 18	11/12/09	3497.25	-	27.67	0.00	3469.58
MW - 18	11/23/09	3497.25	-	27.74	0.00	3469.51
MW - 18	12/28/09	3497.25	-	27.30	0.00	3469.95
MW - 18	01/05/10	3497.25	-	27.71	0.00	3469.54
MW - 18	01/20/10	3497.25	-	27.30	0.00	3469.95
MW - 18	01/25/10	3497.25	-	27.30	0.00	3469.95
MW - 18	02/10/10	3497.25	-	27.78	0.00	3469.47
MW - 18	03/01/10	3497.25	-	27.30	0.00	3469.95
MW - 18	05/25/10	3497.25	-	27.61	0.00	3469.64
MW - 18	06/07/10	3497.25	-	27.62	0.00	3469.63
MW - 18	06/12/10	3497.25	-	27.68	0.00	3469.57
MW - 18	06/25/10	3497.25	-	27.88	0.00	3469.37
MW - 18	07/07/10	3497.25	-	26.74	0.00	3470.51
MW - 18	07/12/10	3497.25	-	26.32	0.00	3470.93
MW - 18	07/26/10	3497.25	DID NOT GAUGE		0.00	3497.25
MW - 18	08/03/10	3497.25	-	26.58	0.00	3470.67
MW - 18	08/13/10	3497.25	-	26.63	0.00	3470.62
MW - 18	08/19/10	3497.25	-	26.70	0.00	3470.55
MW - 18	08/25/10	3497.25	-	26.82	0.00	3470.43
MW - 18	09/01/10	3497.25	-	28.87	0.00	3468.38
MW - 18	09/09/10	3497.25	-	26.83	0.00	3470.42
MW - 18	09/29/10	3497.25	-	26.81	0.00	3470.44
MW - 18	11/03/10	3497.25	-	26.60	0.00	3470.65
MW - 18	11/10/10	3497.25	-	27.00	0.00	3470.25
MW - 18	11/17/10	3497.25	-	27.76	0.00	3469.49
MW - 18	12/09/10	3497.25	-	26.68	0.00	3470.57
MW - 18	02/22/11	3497.25	-	27.74	0.00	3469.51
MW - 18	03/01/11	3497.25	sheen	27.17	0.00	3470.08
MW - 18	03/07/11	3497.25	sheen	26.98	0.00	3470.27
MW - 18	04/27/11	3497.25	-	27.57	0.00	3469.68

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 18	05/05/11	3497.25	sheen	27.52	0.00	3469.73
MW - 18	05/10/11	3497.25	-	27.60	0.00	3469.65
MW - 18	05/17/11	3497.25	-	27.72	0.00	3469.53
MW - 18	05/17/11	3497.25	-	27.76	0.00	3469.49
MW - 18	05/24/11	3497.25	-	27.67	0.00	3469.58
MW - 18	06/07/11	3497.25	-	27.61	0.00	3469.64
MW - 18	06/14/11	3497.25	-	27.63	0.00	3469.62
MW - 18	06/23/11	3497.25	-	29.59	0.00	3467.66
MW - 18	06/28/11	3497.25	-	27.68	0.00	3469.57
MW - 18	07/06/11	3497.25	sheen	28.03	0.00	3469.22
MW - 18	07/14/11	3497.25	-	27.97	0.00	3469.28
MW - 18	07/27/11	3497.25	-	28.01	0.00	3469.24
MW - 18	08/03/11	3497.25	-	28.22	0.00	3469.03
MW - 18	08/11/11	3497.25	-	28.36	0.00	3468.89
MW - 18	08/18/11	3497.25	-	28.25	0.00	3469.00
MW - 18	08/25/11	3497.25	-	28.28	0.00	3468.97
MW - 18	09/02/11	3497.25	-	28.40	0.00	3468.85
MW - 18	09/09/11	3497.25	-	28.50	0.00	3468.75
MW - 18	11/08/11	3497.25	-	28.40	0.00	3468.85
MW - 18	12/28/11	3497.25	-	28.43	0.00	3468.82
MW - 18	01/05/12	3497.25	-	28.49	0.00	3468.76
MW - 18	01/18/12	3497.25	-	28.39	0.00	3468.86
MW - 18	01/27/12	3497.25	-	28.39	0.00	3468.86
MW - 18	02/02/12	3497.25	-	28.36	0.00	3468.89
MW - 18	02/10/12	3497.25	-	28.40	0.00	3468.85
MW - 18	02/15/12	3497.25	-	28.35	0.00	3468.90
MW - 18	03/01/12	3497.25	-	28.12	0.00	3469.13
MW - 18	03/07/12	3497.25	-	28.24	0.00	3469.01
MW - 18	03/14/12	3497.25	-	28.26	0.00	3468.99
MW - 18	03/19/12	3497.25	-	28.22	0.00	3469.03
MW - 18	03/26/12	3497.25	-	28.23	0.00	3469.02
MW - 18	04/04/12	3497.25	-	28.24	0.00	3469.01
MW - 18	04/11/12	3497.25	-	28.21	0.00	3469.04
MW - 18	04/17/12	3497.25	-	28.19	0.00	3469.06
MW - 18	04/25/12	3497.25	-	28.16	0.00	3469.09
MW - 18	05/23/12	3497.25	-	28.20	0.00	3469.05
MW - 18	05/31/12	3497.25	-	28.23	0.00	3469.02
MW - 18	06/06/12	3497.25	-	28.18	0.00	3469.07
MW - 18	06/13/12	3497.25	-	28.26	0.00	3468.99
MW - 18	06/20/12	3497.25	-	27.99	0.00	3469.26
MW - 18	07/11/12	3497.25	-	28.35	0.00	3468.90
MW - 18	07/18/12	3497.25	-	28.43	0.00	3468.82
MW - 18	08/02/12	3497.25	-	28.51	0.00	3468.74
MW - 18	08/09/12	3497.25	-	28.62	0.00	3468.63
MW - 18	08/16/12	3497.25	-	28.71	0.00	3468.54
MW - 18	10/02/12	3497.25	-	28.93	0.00	3468.32

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 18	10/10/12	3497.25	-	28.87	0.00	3468.38
MW - 18	10/17/12	3497.25	-	28.68	0.00	3468.57
MW - 18	10/26/12	3497.25	-	28.87	0.00	3468.38
MW - 18	11/01/12	3497.25	-	28.91	0.00	3468.34
MW - 18	11/19/12	3497.25	-	28.70	0.00	3468.55
MW - 18	12/13/12	3497.25	-	28.69	0.00	3468.56
MW - 18	12/18/12	3497.25	-	28.62	0.00	3468.63
MW - 18	01/08/13	3497.25	-	28.61	0.00	3468.64
MW - 18	01/16/13	3497.25	-	28.65	0.00	3468.60
MW - 18	01/24/13	3497.25	-	28.69	0.00	3468.56
MW - 18	01/30/13	3497.25	-	28.75	0.00	3468.50
MW - 18	02/12/13	3497.25	-	28.64	0.00	3468.61
MW - 18	03/19/13	3497.25	-	28.53	0.00	3468.72
MW - 18	04/02/13	3497.25	-	28.56	0.00	3468.69
MW - 18	04/08/13	3497.25	-	20.56	0.00	3476.69
MW - 18	04/16/13	3497.25	-	28.61	0.00	3468.64
MW - 18	04/23/13	3497.25	-	28.66	0.00	3468.59
MW - 18	05/01/13	3497.25	-	28.53	0.00	3468.72
MW - 18	05/08/13	3497.25	-	28.58	0.00	3468.67
MW - 18	05/15/13	3497.25	-	28.55	0.00	3468.70
MW - 18	05/17/13	3497.25	-	28.53	0.00	3468.72
MW - 18	05/23/13	3497.25	-	28.59	0.00	3468.66
MW - 18	05/29/13	3497.25	-	28.55	0.00	3468.70
MW - 18	06/12/13	3497.25	-	28.88	0.00	3468.37
MW - 18	06/19/13	3497.25	-	29.00	0.00	3468.25
MW - 18	06/27/13	3497.25	-	29.05	0.00	3468.20
MW - 18	07/02/13	3497.25	-	29.16	0.00	3468.09
MW - 18	07/08/13	3497.25	-	29.23	0.00	3468.02
MW - 18	07/15/13	3497.25	-	29.33	0.00	3467.92
MW - 18	07/23/13	3497.25	-	29.15	0.00	3468.10
MW - 18	07/29/13	3497.25	-	29.08	0.00	3468.17
MW - 18	08/07/13	3497.25	-	29.25	0.00	3468.00
MW - 18	08/15/13	3497.25	-	29.22	0.00	3468.03
MW - 18	08/20/13	3497.25	-	29.15	0.00	3468.10
MW - 18	08/28/13	3497.25	-	29.44	0.00	3467.81
MW - 18	09/05/13	3497.25	-	29.42	0.00	3467.83
MW - 18	09/09/13	3497.25	-	29.27	0.00	3467.98
MW - 18	09/18/13	3497.25	-	29.55	0.00	3467.70
MW - 18	09/28/13	3497.25	-	29.55	0.00	3467.70
MW - 18	10/01/13	3497.25	-	29.57	0.00	3467.68
MW - 18	10/08/13	3497.25	-	29.55	0.00	3467.70
MW - 18	10/14/13	3497.25	-	29.58	0.00	3467.67
MW - 18	10/23/13	3497.25	-	29.07	0.00	3468.18
MW - 18	10/29/13	3497.25	-	29.09	0.00	3468.16
MW - 18	11/16/13	3497.25	-	29.48	0.00	3467.77
MW - 18	11/27/13	3497.25	-	29.50	0.00	3467.75

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 18	12/02/13	3497.25	-	29.45	0.00	3467.80
MW - 18	12/14/13	3497.25	-	29.45	0.00	3467.80
MW - 18	12/19/13	3497.25	-	28.98	0.00	3468.27
MW - 18	12/24/13	3497.25	-	29.17	0.00	3468.08
MW - 18	01/02/14	3497.25	-	29.28	0.00	3467.97
MW - 18	01/07/14	3497.25	-	29.11	0.00	3468.14
MW - 18	01/14/14	3497.25	-	29.18	0.00	3468.07
MW - 18	01/21/14	3497.25	-	29.16	0.00	3468.09
MW - 18	01/31/14	3497.25	-	29.15	0.00	3468.10
MW - 18	02/10/14	3497.25	-	29.10	0.00	3468.15
MW - 18	02/27/14	3497.25	-	29.13	0.00	3468.12
MW - 18	03/06/14	3497.25	-	29.09	0.00	3468.16
MW - 18	03/13/14	3497.25	-	29.12	0.00	3468.13
MW - 18	03/25/14	3497.25	-	29.10	0.00	3468.15
MW - 18	04/03/14	3497.25	-	29.03	0.00	3468.22
MW - 18	04/07/14	3497.25	-	29.09	0.00	3468.16
MW - 18	04/14/14	3497.25	-	29.21	0.00	3468.04
MW - 18	04/23/14	3497.25	-	29.00	0.00	3468.25
MW - 18	04/28/14	3497.25	-	29.01	0.00	3468.24
MW - 18	05/05/14	3497.25	-	28.95	0.00	3468.30
MW - 18	05/14/14	3497.25	-	29.08	0.00	3468.17
MW - 18	05/22/14	3497.25	-	29.11	0.00	3468.14
MW - 18	05/28/14	3497.25	-	29.18	0.00	3468.07
MW - 18	06/02/14	3497.25	-	29.26	0.00	3467.99
MW - 18	06/12/14	3497.25	-	29.48	0.00	3467.77
MW - 18	06/17/14	3497.25	-	29.49	0.00	3467.76
MW - 18	06/25/14	3497.25	-	29.58	0.00	3467.67
MW - 18	06/30/14	3497.25	-	29.55	0.00	3467.70
MW - 18	07/11/14	3497.25	-	29.62	0.00	3467.63
MW - 18	07/14/14	3497.25	-	29.63	0.00	3467.62
MW - 18	07/22/14	3497.25	-	29.74	0.00	3467.51
MW - 18	07/23/14	3497.25	-	29.74	0.00	3467.51
MW - 18	08/05/14	3497.25	-	29.81	0.00	3467.44
MW - 18	08/12/14	3497.25	-	29.97	0.00	3467.28
MW - 18	08/13/14	3497.25	-	29.89	0.00	3467.36
MW - 18	08/27/14	3497.25	-	29.98	0.00	3467.27
MW - 18	09/17/14	3497.25	-	27.53	0.00	3469.72
MW - 18	09/23/14	3497.25	-	26.75	0.00	3470.50
MW - 18	10/10/14	3497.25	-	26.73	0.00	3470.52
MW - 18	10/15/14	3497.25	-	27.01	0.00	3470.24
MW - 18	10/20/14	3497.25	-	27.29	0.00	3469.96
MW - 18	10/27/14	3497.25	-	27.52	0.00	3469.73
MW - 18	11/04/14	3497.25	-	27.85	0.00	3469.40
MW - 18	11/06/14	3497.25	-	27.51	0.00	3469.74
MW - 18	11/11/14	3497.25	-	27.10	0.00	3470.15
MW - 18	11/18/14	3497.25	-	27.04	0.00	3470.21
MW - 18	12/02/14	3497.25	-	27.60	0.00	3469.65
MW - 18	12/09/14	3497.25	-	27.71	0.00	3469.54

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 18	12/17/14	3497.25	-	27.72	0.00	3469.53
MW - 18	12/23/14	3497.25	-	27.88	0.00	3469.37
MW - 18	12/30/14	3497.25	-	27.94	0.00	3469.31
MW - 19	06/07/02	3498.24	-	30.08	0.00	3468.16
MW - 19	09/27/02	3498.24	-	30.23	0.00	3468.01
MW - 19	12/04/02	3498.24	-	29.88	0.00	3468.36
MW - 19	02/25/03	3498.24	-	29.62	0.00	3468.62
MW - 19	05/22/03	3498.24	-	29.79	0.00	3468.45
MW - 19	08/26/03	3498.24	-	31.04	0.00	3467.20
MW - 19	11/25/03	3498.24	-	31.08	0.00	3467.16
MW - 19	02/10/04	3498.24	-	31.11	0.00	3467.13
MW - 19	05/10/04	3498.24	-	29.02	0.00	3469.22
MW - 19	08/25/04	3498.24	-	29.15	0.00	3469.09
MW - 19	12/02/04	3498.24	-	28.06	0.00	3470.18
MW - 19	03/10/05	3498.24	-	27.31	0.00	3470.93
MW - 19	06/10/05	3498.24	-	26.54	0.00	3471.70
MW - 19	09/09/05	3498.24	-	27.03	0.00	3471.21
MW - 19	09/13/05	Plugged and Abandoned				
MW - 20	06/07/02	3496.59	-	28.63	0.00	3467.96
MW - 20	09/27/02	3496.59	-	27.75	0.00	3468.84
MW - 20	12/04/02	3496.59	-	27.49	0.00	3469.10
MW - 20	02/25/03	3496.59	-	27.24	0.00	3469.35
MW - 20	05/22/03	3496.59	-	27.40	0.00	3469.19
MW - 20	08/26/03	3496.59	-	28.54	0.00	3468.05
MW - 20	11/25/03	3496.59	-	28.71	0.00	3467.88
MW - 20	02/10/04	3496.59	-	28.76	0.00	3467.83
MW - 20	05/10/04	3496.59	-	26.18	0.00	3470.41
MW - 20	08/25/04	3496.59	-	26.74	0.00	3469.85
MW - 20	12/02/04	3496.59	-	24.82	0.00	3471.77
MW - 20	03/10/05	3496.59	-	24.63	0.00	3471.96
MW - 20	06/10/05	3496.59	-	23.97	0.00	3472.62
MW - 20	09/09/05	3496.59	-	24.56	0.00	3472.03
MW - 20	12/05/05	3496.59	-	24.40	0.00	3472.19
MW - 20	03/09/06	3496.59	-	24.21	0.00	3472.38
MW - 20	06/08/06	3496.59	-	24.88	0.00	3471.71
MW - 20	09/15/06	3496.59	-	24.34	0.00	3472.25
MW - 20	11/29/06	3496.59	-	24.18	0.00	3472.41
MW - 20	02/26/07	3496.59	-	24.18	0.00	3472.41
MW - 20	05/21/07	3496.59	-	23.39	0.00	3473.20
MW - 20	08/16/07	3496.59	-	24.57	0.00	3472.02
MW - 20	11/07/07	3496.59	-	24.11	0.00	3472.48
MW - 20	02/12/08	3496.59	-	24.18	0.00	3472.41
MW - 20	05/15/08	3496.59	-	24.34	0.00	3472.25
MW - 20	08/18/08	3496.59	-	25.37	0.00	3471.22
MW - 20	11/13/08	3496.59	-	24.75	0.00	3471.84

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 20	02/11/09	3496.59	-	24.92	0.00	3471.67
MW - 20	05/13/09	3496.59	-	27.68	0.00	3468.91
MW - 20	08/11/09	3496.59	-	25.69	0.00	3470.90
MW - 20	11/23/09	3496.59	-	25.96	0.00	3470.63
MW - 20	01/05/10	3496.59	-	25.93	0.00	3470.66
MW - 20	02/10/10	3496.59	-	25.97	0.00	3470.62
MW - 20	05/25/10	3496.59	-	25.91	0.00	3470.68
MW - 20	08/13/10	3496.59	-	25.91	0.00	3470.68
MW - 20	11/17/10	3496.59	-	25.96	0.00	3470.63
MW - 20	02/22/11	3496.59	-	25.96	0.00	3470.63
MW - 20	05/17/11	3496.59	-	26.00	0.00	3470.59
MW - 20	08/11/11	3496.59	-	26.54	0.00	3470.05
MW - 20	11/08/11	3496.59	-	26.72	0.00	3469.87
MW - 20	03/01/12	3496.59	-	26.40	0.00	3470.19
MW - 20	05/23/12	3496.59	-	26.08	0.00	3470.51
MW - 20	08/09/12	3496.59	-	26.79	0.00	3469.80
MW - 20	11/19/12	3496.59	-	26.88	0.00	3469.71
MW - 20	02/12/13	3496.59	-	26.81	0.00	3469.78
MW - 20	05/15/13	3496.59	-	26.73	0.00	3469.86
MW - 20	08/07/13	3496.59	-	27.02	0.00	3469.57
MW - 20	11/27/13	3496.59	-	27.34	0.00	3469.25
MW - 20	02/10/14	3496.59	-	27.27	0.00	3469.32
MW - 20	04/03/14	3496.59	-	27.19	0.00	3469.40
MW - 20	04/07/14	3496.59	-	27.26	0.00	3469.33
MW - 20	04/14/14	3496.59	-	27.37	0.00	3469.22
MW - 20	04/23/14	3496.59	-	27.17	0.00	3469.42
MW - 20	04/28/14	3496.59	-	27.25	0.00	3469.34
MW - 20	05/05/14	3496.59	-	27.23	0.00	3469.36
MW - 20	05/14/14	3496.59	-	27.34	0.00	3469.25
MW - 20	05/22/14	3496.59	-	27.34	0.00	3469.25
MW - 20	05/28/14	3496.59	-	27.40	0.00	3469.19
MW - 20	06/02/14	3496.59	-	27.47	0.00	3469.12
MW - 20	06/12/14	3496.59	-	27.69	0.00	3468.90
MW - 20	06/17/14	3496.59	-	27.70	0.00	3468.89
MW - 20	06/25/14	3496.59	-	27.79	0.00	3468.80
MW - 20	06/30/14	3496.59	-	27.76	0.00	3468.83
MW - 20	07/11/14	3496.59	-	27.81	0.00	3468.78
MW - 20	07/14/14	3496.59	-	27.83	0.00	3468.76
MW - 20	07/22/14	3496.59	-	27.90	0.00	3468.69
MW - 20	07/23/14	3496.59	-	27.90	0.00	3468.69
MW - 20	08/05/14	3496.59	-	27.97	0.00	3468.62
MW - 20	08/12/14	3496.59	-	28.06	0.00	3468.53
MW - 20	08/13/14	3496.59	-	28.05	0.00	3468.54
MW - 20	08/27/14	3496.59	-	28.15	0.00	3468.44
MW - 20	09/17/14	3496.59	-	27.67	0.00	3468.92
MW - 20	09/23/14	3496.59	-	19.56	0.00	3477.03

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 20	10/10/14	3496.59	-	22.83	0.00	3473.76
MW - 20	10/15/14	3496.59	-	23.44	0.00	3473.15
MW - 20	10/20/14	3496.59	-	24.02	0.00	3472.57
MW - 20	10/27/14	3496.59	-	24.69	0.00	3471.90
MW - 20	11/04/14	3496.59	-	25.55	0.00	3471.04
MW - 20	11/06/14	3496.59	-	23.01	0.00	3473.58
MW - 20	11/11/14	3496.59	-	23.09	0.00	3473.50
MW - 20	11/18/14	3496.59	-	22.81	0.00	3473.78
MW - 20	12/02/14	3496.59	-	25.16	0.00	3471.43
MW - 20	12/09/14	3496.59	-	25.47	0.00	3471.12
MW - 20	12/17/14	3496.59	-	26.67	0.00	3469.92
MW - 20	12/23/14	3496.59	-	25.91	0.00	3470.68
MW - 20	12/30/14	3496.59	-	26.06	0.00	3470.53
MW - 21	06/07/02	3503.03	-	35.39	0.00	3467.64
MW - 21	09/27/02	3503.03	-	35.42	0.00	3467.61
MW - 21	12/04/02	3503.03	-	35.12	0.00	3467.91
MW - 21	02/25/03	3503.03	-	34.87	0.00	3468.16
MW - 21	05/22/03	3503.03	-	35.03	0.00	3468.00
MW - 21	08/26/03	3503.03	-	36.14	0.00	3466.89
MW - 21	11/25/03	3503.03	-	36.34	0.00	3466.69
MW - 21	02/10/04	3503.03	-	36.38	0.00	3466.65
MW - 21	05/10/04	3503.03	-	34.45	0.00	3468.58
MW - 21	08/25/04	3503.03	-	34.35	0.00	3468.68
MW - 21	12/01/04	3503.03	-	33.06	0.00	3469.97
MW - 21	03/10/05	3503.03	-	32.35	0.00	3470.68
MW - 21	06/10/05	3503.03	-	31.69	0.00	3471.34
MW - 21	09/09/05	3503.03	-	32.09	0.00	3470.94
MW - 21	12/05/05	3503.03	-	31.84	0.00	3471.19
MW - 21	03/09/06	3503.03	-	31.72	0.00	3471.31
MW - 21	06/08/06	3503.03	-	32.28	0.00	3470.75
MW - 21	09/15/06	3503.03	-	32.33	0.00	3470.70
MW - 21	11/29/06	3503.03	-	31.70	0.00	3471.33
MW - 21	02/26/07	3503.03	-	31.77	0.00	3471.26
MW - 21	05/21/07	3503.03	-	31.21	0.00	3471.82
MW - 21	08/16/07	3503.03	-	32.06	0.00	3470.97
MW - 21	11/07/07	3503.03	-	31.66	0.00	3471.37
MW - 21	02/12/08	3503.03	-	31.73	0.00	3471.30
MW - 21	05/15/08	3503.03	-	31.87	0.00	3471.16
MW - 21	08/18/08	3503.03	-	32.88	0.00	3470.15
MW - 21	11/13/08	3503.03	-	32.36	0.00	3470.67
MW - 21	02/11/09	3503.03	-	32.43	0.00	3470.60
MW - 21	05/13/09	3503.03	-	33.06	0.00	3469.97
MW - 21	08/11/09	3503.03	-	34.16	0.00	3468.87
MW - 21	11/23/09	3503.03	-	33.51	0.00	3469.52
MW - 21	01/05/10	3503.03	-	34.01	0.00	3469.02

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 21	02/10/10	3503.03	-	33.55	0.00	3469.48
MW - 21	05/25/10	3503.03	-	33.49	0.00	3469.54
MW - 21	08/13/10	3503.03	-	33.48	0.00	3469.55
MW - 21	11/17/10	3503.03	-	33.50	0.00	3469.53
MW - 21	02/22/11	3503.03	-	33.51	0.00	3469.52
MW - 21	05/17/11	3503.03	-	33.51	0.00	3469.52
MW - 21	08/11/11	3503.03	-	33.78	0.00	3469.25
MW - 21	11/08/11	3503.03	-	34.33	0.00	3468.70
MW - 21	03/01/12	3503.03	-	34.08	0.00	3468.95
MW - 21	05/23/12	3503.03	-	34.10	0.00	3468.93
MW - 21	08/09/12	3503.03	-	34.54	0.00	3468.49
MW - 21	11/19/12	3503.03	-	34.65	0.00	3468.38
MW - 21	02/12/13	3503.03	-	34.51	0.00	3468.52
MW - 21	05/15/13	3503.03	-	35.87	0.00	3467.16
MW - 21	08/07/13	3503.03	-	36.48	0.00	3466.55
MW - 21	11/27/13	3503.03	-	36.63	0.00	3466.40
MW - 21	02/10/14	3503.03	-	36.39	0.00	3466.64
MW - 21	05/22/14	3503.03	-	36.53	0.00	3466.50
MW - 21	07/22/14	3503.03	-	37.10	0.00	3465.93
MW - 21	08/13/14	3503.03	-	37.26	0.00	3465.77
MW - 21	10/27/14	3503.03	-	35.64	0.00	3467.39
MW - 21	11/05/14	3503.03	-	35.64	0.00	3467.39
MW - 22	06/07/02	3500.05	-	32.73	0.00	3467.32
MW - 22	09/27/02	3500.05	-	32.81	0.00	3467.24
MW - 22	12/04/02	3500.05	-	32.48	0.00	3467.57
MW - 22	02/25/03	3500.05	-	32.25	0.00	3467.80
MW - 22	05/22/03	3500.05	-	32.39	0.00	3467.66
MW - 22	08/26/03	3500.05	-	33.52	0.00	3466.53
MW - 22	11/25/03	3500.05	-	33.68	0.00	3466.37
MW - 22	02/10/04	3500.05	-	33.74	0.00	3466.31
MW - 22	05/10/04	3500.05	-	31.78	0.00	3468.27
MW - 22	08/25/04	3500.05	-	31.70	0.00	3468.35
MW - 22	12/01/04	3500.05	-	30.58	0.00	3469.47
MW - 22	03/10/05	3500.05	-	29.84	0.00	3470.21
MW - 22	06/10/05	3500.05	-	29.12	0.00	3470.93
MW - 22	09/09/05	3500.05	-	29.53	0.00	3470.52
MW - 22	12/05/05	3500.05	-	29.32	0.00	3470.73
MW - 22	03/09/06	3500.05	-	29.17	0.00	3470.88
MW - 22	06/08/06	3500.05	-	29.68	0.00	3470.37
MW - 22	09/15/06	3500.05	-	29.48	0.00	3470.57
MW - 22	11/29/06	3500.05	-	29.19	0.00	3470.86
MW - 22	02/26/07	3500.05	-	29.19	0.00	3470.86
MW - 22	05/21/07	3500.05	-	28.62	0.00	3471.43
MW - 22	08/16/07	3500.05	-	29.46	0.00	3470.59
MW - 22	11/07/07	3500.05	-	29.09	0.00	3470.96

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 22	02/12/08	3500.05	-	29.14	0.00	3470.91
MW - 22	05/15/08	3500.05	-	29.30	0.00	3470.75
MW - 22	08/18/08	3500.05	-	30.25	0.00	3469.80
MW - 22	11/13/08	3500.05	-	29.78	0.00	3470.27
MW - 22	02/11/09	3500.05	-	29.87	0.00	3470.18
MW - 22	05/13/09	3500.05	-	29.83	0.00	3470.22
MW - 22	08/11/09	3500.05	-	30.28	0.00	3469.77
MW - 22	11/23/09	3500.05	-	30.91	0.00	3469.14
MW - 22	01/05/10	3500.05	-	30.72	0.00	3469.33
MW - 22	02/10/10	3500.05	-	30.94	0.00	3469.11
MW - 22	05/25/10	3500.05	-	30.86	0.00	3469.19
MW - 22	08/13/10	3500.05	-	30.88	0.00	3469.17
MW - 22	11/17/10	3500.05	-	30.93	0.00	3469.12
MW - 22	02/22/11	3500.05	-	30.90	0.00	3469.15
MW - 22	05/17/11	3500.05	-	30.93	0.00	3469.12
MW - 22	08/11/11	3500.05	-	31.20	0.00	3468.85
MW - 22	11/08/11	3500.05	-	31.74	0.00	3468.31
MW - 22	03/01/12	3500.05	-	31.46	0.00	3468.59
MW - 22	05/23/12	3500.05	-	31.48	0.00	3468.57
MW - 22	08/09/12	3500.05	-	31.92	0.00	3468.13
MW - 22	11/19/12	3500.05	-	32.03	0.00	3468.02
MW - 22	02/12/13	3500.05	-	31.90	0.00	3468.15
MW - 22	05/15/13	3500.05	-	33.52	0.00	3466.53
MW - 22	08/07/13	3500.05	-	33.98	0.00	3466.07
MW - 22	11/27/13	3500.05	-	34.10	0.00	3465.95
MW - 22	02/10/14	3500.05	-	34.64	0.00	3465.41
MW - 22	05/22/14	3500.05	-	34.02	0.00	3466.03
MW - 22	07/22/14	3500.05	-	34.05	0.00	3466.00
MW - 22	08/13/14	3500.05	-	34.19	0.00	3465.86
MW - 22	10/27/14	3500.05	-	32.56	0.00	3467.49
MW - 22	11/05/14	3500.05	-	33.60	0.00	3466.45
MW - 23	06/07/02	3498.88	-	31.59	0.00	3467.29
MW - 23	09/27/02	3498.88	-	31.68	0.00	3467.20
MW - 23	12/04/02	3498.88	-	31.36	0.00	3467.52
MW - 23	02/25/03	3498.88	-	31.06	0.00	3467.82
MW - 23	05/22/03	3498.88	-	31.22	0.00	3467.66
MW - 23	08/26/03	3498.88	-	32.38	0.00	3466.50
MW - 23	11/25/03	3498.88	-	32.50	0.00	3466.38
MW - 23	02/10/04	3498.88	-	32.58	0.00	3466.30
MW - 23	05/10/04	3498.88	-	30.68	0.00	3468.20
MW - 23	08/25/04	3498.88	-	30.61	0.00	3468.27
MW - 23	12/01/04	3498.88	-	29.50	0.00	3469.38
MW - 23	03/10/05	3498.88	-	28.75	0.00	3470.13
MW - 23	06/10/05	3498.88	-	27.94	0.00	3470.94
MW - 23	09/09/05	3498.88	-	28.40	0.00	3470.48

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 23	12/05/05	3498.88	-	28.20	0.00	3470.68
MW - 23	03/09/06	3498.88	-	28.03	0.00	3470.85
MW - 23	06/08/06	3498.88	-	28.61	0.00	3470.27
MW - 23	09/15/06	3498.88	-	28.34	0.00	3470.54
MW - 23	11/29/06	3498.88	-	28.05	0.00	3470.83
MW - 23	02/14/07	3498.88	-	28.07	0.00	3470.81
MW - 23	02/28/07	3498.88	-	28.06	0.00	3470.82
MW - 23	05/21/07	3498.88	-	27.44	0.00	3471.44
MW - 23	08/16/07	3498.88	-	28.32	0.00	3470.56
MW - 23	11/07/07	3498.88	-	27.98	0.00	3470.90
MW - 23	02/12/08	3498.88	-	28.63	0.00	3470.25
MW - 23	05/15/08	3498.88	-	28.14	0.00	3470.74
MW - 23	08/18/08	3498.88	-	29.04	0.00	3469.84
MW - 23	09/17/08	3498.88	-	28.90	0.00	3469.98
MW - 23	11/13/08	3498.88	-	28.68	0.00	3470.20
MW - 23	02/11/09	3498.88	-	28.74	0.00	3470.14
MW - 23	02/24/09	3498.88	-	28.65	0.00	3470.23
MW - 23	03/04/09	3498.88	-	28.65	0.00	3470.23
MW - 23	03/17/09	3498.88	-	28.67	0.00	3470.21
MW - 23	03/25/09	3498.88	-	28.68	0.00	3470.20
MW - 23	04/08/09	3498.88	-	28.67	0.00	3470.21
MW - 23	04/15/09	3498.88	-	28.66	0.00	3470.22
MW - 23	04/15/09	3498.88	-	28.65	0.00	3470.23
MW - 23	05/13/09	3498.88	-	28.74	0.00	3470.14
MW - 23	06/10/09	3498.88	-	28.75	0.00	3470.13
MW - 23	06/12/09	3498.88	-	29.15	0.00	3469.73
MW - 23	06/18/09	3498.88	-	28.74	0.00	3470.14
MW - 23	07/02/09	3498.88	-	29.30	0.00	3469.58
MW - 23	07/08/09	3498.88	-	29.28	0.00	3469.60
MW - 23	07/14/09	3498.88	-	29.32	0.00	3469.56
MW - 23	07/20/09	3498.88	-	29.34	0.00	3469.54
MW - 23	07/27/09	3498.88	-	29.35	0.00	3469.53
MW - 23	08/03/09	3498.88	-	29.38	0.00	3469.50
MW - 23	08/11/09	3498.88	-	29.49	0.00	3469.39
MW - 23	08/24/09	3498.88	-	39.13	0.00	3459.75
MW - 23	08/31/09	3498.88	-	39.16	0.00	3459.72
MW - 23	09/08/09	3498.88	-	29.57	0.00	3469.31
MW - 23	09/22/09	3498.88	-	29.58	0.00	3469.30
MW - 23	09/29/09	3498.88	-	29.35	0.00	3469.53
MW - 23	10/07/09	3498.88	-	29.71	0.00	3469.17
MW - 23	10/12/09	3498.88	-	29.30	0.00	3469.58
MW - 23	10/16/09	3498.88	-	29.59	0.00	3469.29
MW - 23	10/26/09	3498.88	-	29.31	0.00	3469.57
MW - 23	11/12/09	3498.88	-	29.76	0.00	3469.12
MW - 23	11/23/09	3498.88	-	29.78	0.00	3469.10
MW - 23	12/28/09	3498.88	-	29.33	0.00	3469.55

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 23	01/05/10	3498.88	-	29.79	0.00	3469.09
MW - 23	01/20/10	3498.88	-	29.31	0.00	3469.57
MW - 23	01/25/10	3498.88	-	29.33	0.00	3469.55
MW - 23	02/10/10	3498.88	-	29.81	0.00	3469.07
MW - 23	03/01/10	3498.88	-	29.36	0.00	3469.52
MW - 23	05/25/10	3498.88	-	29.59	0.00	3469.29
MW - 23	06/12/10	3498.88	-	-	-	-
MW - 23	06/25/10	3498.88	-	29.83	0.00	3469.05
MW - 23	07/07/10	3498.88	-	29.61	0.00	3469.27
MW - 23	07/12/10	3498.88	-	29.22	0.00	3469.66
MW - 23	07/26/10	3498.88	DID NOT GAUGE		0.00	3498.88
MW - 23	08/03/10	3498.88	-	28.97	0.00	3469.91
MW - 23	08/13/10	3498.88	-	28.93	0.00	3469.95
MW - 23	08/19/10	3498.88	-	28.95	0.00	3469.93
MW - 23	08/25/10	3498.88	-	29.02	0.00	3469.86
MW - 23	09/01/10	3498.88	-	28.95	0.00	3469.93
MW - 23	09/09/10	3498.88	-	29.00	0.00	3469.88
MW - 23	09/29/10	3498.88	-	28.99	0.00	3469.89
MW - 23	11/03/10	3498.88	-	28.91	0.00	3469.97
MW - 23	11/10/10	3498.88	-	29.16	0.00	3469.72
MW - 23	11/18/10	3498.88	-	29.80	0.00	3469.08
MW - 23	12/09/10	3498.88	-	28.96	0.00	3469.92
MW - 23	02/22/11	3498.88	-	29.21	0.00	3469.67
MW - 23	03/01/11	3498.88	sheen	29.34	0.00	3469.54
MW - 23	03/07/11	3498.88	sheen	29.19	0.00	3469.69
MW - 23	04/27/11	3498.88	-	29.47	0.00	3469.41
MW - 23	05/05/11	3498.88	sheen	29.50	0.00	3469.38
MW - 23	05/10/11	3498.88	-	29.37	0.00	3469.51
MW - 23	05/17/11	3498.88	-	29.83	0.00	3469.05
MW - 23	05/17/11	3498.88	-	29.83	0.00	3469.05
MW - 23	05/24/11	3498.88	-	29.91	0.00	3468.97
MW - 23	06/07/11	3498.88	-	29.64	0.00	3469.24
MW - 23	06/14/11	3498.88	-	29.78	0.00	3469.10
MW - 23	06/23/11	3498.88	-	29.70	0.00	3469.18
MW - 23	06/28/11	3498.88	-	29.82	0.00	3469.06
MW - 23	07/06/11	3498.88	sheen	30.07	0.00	3468.81
MW - 23	07/14/11	3498.88	sheen	30.13	0.00	3468.75
MW - 23	07/27/11	3498.88	-	30.11	0.00	3468.77
MW - 23	08/03/11	3498.88	-	30.31	0.00	3468.57
MW - 23	08/11/11	3498.88	-	30.30	0.00	3468.58
MW - 23	08/18/11	3498.88	-	30.20	0.00	3468.68
MW - 23	08/25/11	3498.88	-	30.25	0.00	3468.63
MW - 23	09/02/11	3498.88	-	30.40	0.00	3468.48
MW - 23	09/09/11	3498.88	-	30.58	0.00	3468.30
MW - 23	11/08/11	3498.88	-	30.60	0.00	3468.28
MW - 23	12/28/11	3498.88	-	30.49	0.00	3468.39

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 23	01/05/12	3498.88	-	30.53	0.00	3468.35
MW - 23	01/18/12	3498.88	-	30.47	0.00	3468.41
MW - 23	01/27/12	3498.88	-	30.48	0.00	3468.40
MW - 23	02/02/12	3498.88	-	30.39	0.00	3468.49
MW - 23	02/10/12	3498.88	-	30.46	0.00	3468.42
MW - 23	02/15/12	3498.88	-	30.39	0.00	3468.49
MW - 23	03/01/12	3498.88	-	30.33	0.00	3468.55
MW - 23	03/07/12	3498.88	-	30.33	0.00	3468.55
MW - 23	03/14/12	3498.88	-	30.35	0.00	3468.53
MW - 23	03/19/12	3498.88	-	30.31	0.00	3468.57
MW - 23	03/26/12	3498.88	-	30.29	0.00	3468.59
MW - 23	04/04/12	3498.88	-	30.34	0.00	3468.54
MW - 23	04/11/12	3498.88	-	30.33	0.00	3468.55
MW - 23	04/17/12	3498.88	-	30.34	0.00	3468.54
MW - 23	04/25/12	3498.88	-	30.27	0.00	3468.61
MW - 23	05/23/12	3498.88	-	30.32	0.00	3468.56
MW - 23	05/31/12	3498.88	-	30.38	0.00	3468.50
MW - 23	06/06/12	3498.88	-	30.34	0.00	3468.54
MW - 23	06/13/12	3498.88	-	30.45	0.00	3468.43
MW - 23	06/20/12	3498.88	-	30.38	0.00	3468.50
MW - 23	07/11/12	3498.88	-	30.56	0.00	3468.32
MW - 23	07/18/12	3498.88	-	30.63	0.00	3468.25
MW - 23	08/02/12	3498.88	-	30.71	0.00	3468.17
MW - 23	08/09/12	3498.88	-	30.76	0.00	3468.12
MW - 23	08/16/12	3498.88	-	30.88	0.00	3468.00
MW - 23	10/02/12	3498.88	-	31.08	0.00	3467.80
MW - 23	10/10/12	3498.88	-	31.01	0.00	3467.87
MW - 23	10/17/12	3498.88	-	30.89	0.00	3467.99
MW - 23	10/26/12	3498.88	-	31.02	0.00	3467.86
MW - 23	11/01/12	3498.88	-	30.94	0.00	3467.94
MW - 23	11/19/12	3498.88	-	30.91	0.00	3467.97
MW - 23	12/13/12	3498.88	-	30.84	0.00	3468.04
MW - 23	12/18/12	3498.88	-	30.74	0.00	3468.14
MW - 23	01/08/13	3498.88	-	30.73	0.00	3468.15
MW - 23	01/16/13	3498.88	-	30.83	0.00	3468.05
MW - 23	01/24/13	3498.88	-	30.82	0.00	3468.06
MW - 23	01/30/13	3498.88	-	30.82	0.00	3468.06
MW - 23	02/12/13	3498.88	-	30.73	0.00	3468.15
MW - 23	03/19/13	unable to gauge				
MW - 23	05/01/13	unable to gauge				
MW - 23	05/08/13	unable to gauge				
MW - 23	05/15/13	3498.88	-	32.82	0.00	3466.06
MW - 23	08/07/13	3498.88	-	33.40	0.00	3465.48
MW - 23	11/27/13	3498.88	-	33.55	0.00	3465.33
MW - 23	02/10/14	3498.88	-	35.99	0.00	3462.89
MW - 23	05/22/14	3498.88	-	33.48	0.00	3465.40

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 23	06/25/14	3498.88	-	33.90	0.00	3464.98
MW - 23	06/30/14	3498.88	-	33.87	0.00	3465.01
MW - 23	07/11/14	3498.88	-	33.96	0.00	3464.92
MW - 23	07/14/14	3498.88	-	33.98	0.00	3464.90
MW - 23	07/22/14	3498.88	-	34.06	0.00	3464.82
MW - 23	07/23/14	3498.88	-	34.06	0.00	3464.82
MW - 23	08/05/14	3498.88	-	34.12	0.00	3464.76
MW - 23	08/12/14	3498.88	-	34.19	0.00	3464.69
MW - 23	08/13/14	3498.88	-	34.19	0.00	3464.69
MW - 23	08/27/14	3498.88	-	34.30	0.00	3464.58
MW - 23	09/17/14	3498.88	-	33.58	0.00	3465.30
MW - 23	09/23/14	3498.88	-	33.20	0.00	3465.68
MW - 23	10/10/14	3498.88	-	32.63	0.00	3466.25
MW - 23	10/15/14	3498.88	-	32.59	0.00	3466.29
MW - 23	10/20/14	3498.88	-	32.58	0.00	3466.30
MW - 23	10/27/14	3498.88	-	32.51	0.00	3466.37
MW - 23	11/04/14	3498.88	-	32.65	0.00	3466.23
MW - 23	11/06/14	3498.88	-	32.62	0.00	3466.26
MW - 23	11/11/14	3498.88	-	32.49	0.00	3466.39
MW - 23	11/18/14	3498.88	-	32.47	0.00	3466.41
MW - 23	12/02/14	3498.88	-	32.31	0.00	3466.57
MW - 23	12/09/14	3498.88	-	32.31	0.00	3466.57
MW - 23	12/23/14	3498.88	-	32.36	0.00	3466.52
MW - 23	12/30/14	3498.88	-	32.38	0.00	3466.50
MW - 24	06/07/02	3498.79	-	31.45	0.00	3467.34
MW - 24	09/27/02	3498.79	-	31.54	0.00	3467.25
MW - 24	12/04/02	3498.79	-	31.28	0.00	3467.51
MW - 24	02/25/03	3498.79	-	30.93	0.00	3467.86
MW - 24	05/22/03	3498.79	-	31.09	0.00	3467.70
MW - 24	08/26/03	3498.79	-	32.25	0.00	3466.54
MW - 24	11/25/03	3498.79	-	32.36	0.00	3466.43
MW - 24	02/10/04	3498.79	-	32.43	0.00	3466.36
MW - 24	05/10/04	3498.79	-	30.53	0.00	3468.26
MW - 24	08/25/04	3498.79	-	30.41	0.00	3468.38
MW - 24	12/01/04	3498.79	-	29.38	0.00	3469.41
MW - 24	03/10/05	3498.79	-	28.66	0.00	3470.13
MW - 24	06/10/05	3498.79	-	27.80	0.00	3470.99
MW - 24	09/09/05	3498.79	-	28.28	0.00	3470.51
MW - 24	12/05/05	3498.79	-	28.09	0.00	3470.70
MW - 24	03/09/06	3498.79	-	27.92	0.00	3470.87
MW - 24	06/08/06	3498.79	-	28.46	0.00	3470.33
MW - 24	09/15/06	3498.79	-	28.22	0.00	3470.57
MW - 24	11/29/06	3498.79	-	27.91	0.00	3470.88
MW - 24	02/14/07	3498.79	-	27.96	0.00	3470.83
MW - 24	02/26/07	3498.79	-	27.84	0.00	3470.95

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 24	05/21/07	3498.79	-	27.34	0.00	3471.45
MW - 24	08/16/07	3498.79	-	28.19	0.00	3470.60
MW - 24	11/07/07	3498.79	-	27.86	0.00	3470.93
MW - 24	02/12/08	3498.79	-	28.50	0.00	3470.29
MW - 24	05/15/08	3498.79	-	27.99	0.00	3470.80
MW - 24	08/18/08	3498.79	-	29.00	0.00	3469.79
MW - 24	09/17/08	3498.79	-	28.74	0.00	3470.05
MW - 24	11/13/08	3498.79	-	28.52	0.00	3470.27
MW - 24	02/11/09	3498.79	-	28.54	0.00	3470.25
MW - 24	02/24/09	3498.79	-	28.54	0.00	3470.25
MW - 24	03/04/09	3498.79	-	28.50	0.00	3470.29
MW - 24	03/17/09	3498.79	-	28.56	0.00	3470.23
MW - 24	03/25/09	3498.79	-	28.52	0.00	3470.27
MW - 24	04/08/09	3498.79	-	28.54	0.00	3470.25
MW - 24	04/15/09	3498.79	-	28.57	0.00	3470.22
MW - 24	04/29/09	3498.79	-	28.54	0.00	3470.25
MW - 24	05/13/09	3498.79	-	28.59	0.00	3470.20
MW - 24	06/10/09	3498.79	-	26.61	0.00	3472.18
MW - 24	06/12/09	3498.79	-	24.00	0.00	3474.79
MW - 24	06/18/09	3498.79	-	28.61	0.00	3470.18
MW - 24	07/02/09	3498.79	-	29.13	0.00	3469.66
MW - 24	07/08/09	3498.79	-	29.18	0.00	3469.61
MW - 24	07/14/09	3498.79	-	29.20	0.00	3469.59
MW - 24	07/27/09	3498.79	-	29.22	0.00	3469.57
MW - 24	08/03/09	3498.79	-	29.26	0.00	3469.53
MW - 24	08/11/09	3498.79	-	29.32	0.00	3469.47
MW - 24	08/24/09	3498.79	-	36.76	0.00	3462.03
MW - 24	08/31/09	3498.79	-	36.78	0.00	3462.01
MW - 24	09/08/09	3498.79	-	29.49	0.00	3469.30
MW - 24	09/22/09	3498.79	-	29.52	0.00	3469.27
MW - 24	09/29/09	3498.79	-	29.23	0.00	3469.56
MW - 24	10/07/09	3498.79	-	29.57	0.00	3469.22
MW - 24	10/12/09	3498.79	-	29.20	0.00	3469.59
MW - 24	10/16/09	3498.79	-	29.53	0.00	3469.26
MW - 24	10/26/09	3498.79	-	29.20	0.00	3469.59
MW - 24	11/12/09	3498.79	-	29.61	0.00	3469.18
MW - 24	11/23/09	3498.79	-	29.64	0.00	3469.15
MW - 24	12/28/09	3498.79	-	29.20	0.00	3469.59
MW - 24	01/05/10	3498.79	-	29.66	0.00	3469.13
MW - 24	01/20/10	3498.79	-	29.22	0.00	3469.57
MW - 24	01/25/10	3498.79	-	29.24	0.00	3469.55
MW - 24	02/10/10	3498.79	-	29.67	0.00	3469.12
MW - 24	03/01/10	3498.79	-	29.27	0.00	3469.52
MW - 24	05/25/10	3498.79	-	29.28	0.00	3469.51
MW - 24	06/07/10	3498.79	-	29.50	0.00	3469.29
MW - 24	06/12/10	3498.79	-	29.62	0.00	3469.17

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 24	06/25/10	3498.79	-	29.57	0.00	3469.22
MW - 24	07/07/10	3498.79	-	29.42	0.00	3469.37
MW - 24	07/12/10	3498.79	-	29.02	0.00	3469.77
MW - 24	07/26/10	3498.79	DID NOT GAUGE		0.00	3498.79
MW - 24	08/03/10	3498.79	-	28.84	0.00	3469.95
MW - 24	08/13/10	3498.79	-	28.79	0.00	3470.00
MW - 24	08/19/10	3498.79	-	28.82	0.00	3469.97
MW - 24	08/25/10	3498.79	-	28.87	0.00	3469.92
MW - 24	09/01/10	3498.79	-	28.81	0.00	3469.98
MW - 24	09/09/10	3498.79	-	28.86	0.00	3469.93
MW - 24	09/29/10	3498.79	-	28.90	0.00	3469.89
MW - 24	11/03/10	3498.79	-	28.82	0.00	3469.97
MW - 24	11/10/10	3498.79	-	28.99	0.00	3469.80
MW - 24	11/18/10	3498.79	-	29.66	0.00	3469.13
MW - 24	12/09/10	3498.79	-	28.73	0.00	3470.06
MW - 24	02/22/11	3498.79	-	29.66	0.00	3469.13
MW - 24	03/01/11	3498.79	sheen	29.18	0.00	3469.61
MW - 24	03/07/11	3498.79	sheen	29.04	0.00	3469.75
MW - 24	04/27/11	3498.79	-	29.33	0.00	3469.46
MW - 24	05/05/11	3498.79	sheen	29.35	0.00	3469.44
MW - 24	05/10/11	3498.79	-	29.41	0.00	3469.38
MW - 24	05/17/11	3498.79	-	29.69	0.00	3469.10
MW - 24	05/17/11	3498.79	-	29.69	0.00	3469.10
MW - 24	05/24/11	3498.79	-	29.70	0.00	3469.09
MW - 24	06/07/11	3498.79	-	29.52	0.00	3469.27
MW - 24	06/14/11	3498.79	-	29.67	0.00	3469.12
MW - 24	06/23/11	3498.79	-	29.51	0.00	3469.28
MW - 24	06/28/11	3498.79	-	29.63	0.00	3469.16
MW - 24	07/06/11	3498.79	-	29.90	0.00	3468.89
MW - 24	07/14/11	3498.79	-	29.98	0.00	3468.81
MW - 24	07/27/11	3498.79	-	29.88	0.00	3468.91
MW - 24	08/03/11	3498.79	-	30.05	0.00	3468.74
MW - 24	08/11/11	3498.79	-	30.32	0.00	3468.47
MW - 24	08/18/11	3498.79	-	30.30	0.00	3468.49
MW - 24	08/25/11	3498.79	-	30.42	0.00	3468.37
MW - 24	09/02/11	3498.79	-	30.47	0.00	3468.32
MW - 24	09/09/11	3498.79	-	30.38	0.00	3468.41
MW - 24	11/08/11	3498.79	-	30.42	0.00	3468.37
MW - 24	12/28/11	3498.79	-	30.32	0.00	3468.47
MW - 24	01/05/12	3498.79	-	30.30	0.00	3468.49
MW - 24	01/18/12	3498.79	-	30.25	0.00	3468.54
MW - 24	01/27/12	3498.79	-	30.26	0.00	3468.53
MW - 24	02/02/12	3498.79	-	30.20	0.00	3468.59
MW - 24	02/10/12	3498.79	-	30.31	0.00	3468.48
MW - 24	02/15/12	3498.79	-	30.24	0.00	3468.55
MW - 24	03/01/12	3498.79	-	30.15	0.00	3468.64

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 24	03/07/12	3498.79	-	30.14	0.00	3468.65
MW - 24	03/14/12	3498.79	-	30.19	0.00	3468.60
MW - 24	03/19/12	3498.79	-	30.13	0.00	3468.66
MW - 24	03/26/12	3498.79	-	30.13	0.00	3468.66
MW - 24	04/04/12	3498.79	-	30.13	0.00	3468.66
MW - 24	04/11/12	3498.79	-	30.11	0.00	3468.68
MW - 24	04/17/12	3498.79	-	30.14	0.00	3468.65
MW - 24	04/25/12	3498.79	-	30.09	0.00	3468.70
MW - 24	05/23/12	3498.79	-	30.15	0.00	3468.64
MW - 24	05/31/12	3498.79	-	30.19	0.00	3468.60
MW - 24	06/06/12	3498.79	-	30.17	0.00	3468.62
MW - 24	06/13/12	3498.79	-	30.33	0.00	3468.46
MW - 24	06/20/12	3498.79	-	30.21	0.00	3468.58
MW - 24	07/11/12	3498.79	-	30.38	0.00	3468.41
MW - 24	07/18/12	3498.79	-	30.46	0.00	3468.33
MW - 24	08/02/12	3498.79	-	30.54	0.00	3468.25
MW - 24	08/09/12	3498.79	-	30.69	0.00	3468.10
MW - 24	08/16/12	3498.79	-	30.71	0.00	3468.08
MW - 24	10/02/12	3498.79	-	30.90	0.00	3467.89
MW - 24	10/10/12	3498.79	-	30.86	0.00	3467.93
MW - 24	10/17/12	3498.79	-	30.71	0.00	3468.08
MW - 24	10/26/12	3498.79	-	30.84	0.00	3467.95
MW - 24	11/01/12	3498.79	-	30.72	0.00	3468.07
MW - 24	11/19/12	3498.79	-	30.69	0.00	3468.10
MW - 24	12/13/12	3498.79	-	30.64	0.00	3468.15
MW - 24	12/18/12	3498.79	-	30.55	0.00	3468.24
MW - 24	01/08/13	3498.79	-	30.57	0.00	3468.22
MW - 24	01/16/13	3498.79	-	30.64	0.00	3468.15
MW - 24	01/24/13	3498.79	-	30.63	0.00	3468.16
MW - 24	01/30/13	3498.79	-	30.62	0.00	3468.17
MW - 24	02/12/13	3498.79	-	30.56	0.00	3468.23
MW - 24	03/19/13	3498.79	-	30.52	0.00	3468.27
MW - 24	04/02/13	3498.79	-	30.55	0.00	3468.24
MW - 24	04/08/13	3498.79	-	30.47	0.00	3468.32
MW - 24	04/16/13	3498.79	-	30.56	0.00	3468.23
MW - 24	04/23/13	3498.79	-	30.63	0.00	3468.16
MW - 24	05/01/13	3498.79	-	30.56	0.00	3468.23
MW - 24	05/08/13	3498.79	-	30.53	0.00	3468.26
MW - 24	05/15/13	3498.79	-	30.50	0.00	3468.29
MW - 24	05/17/13	3498.79	-	30.56	0.00	3468.23
MW - 24	05/23/13	3498.79	-	30.61	0.00	3468.18
MW - 24	05/29/13	3498.79	-	29.59	0.00	3469.20
MW - 24	06/12/13	3498.79	-	30.85	0.00	3467.94
MW - 24	06/19/13	3498.79	-	30.92	0.00	3467.87
MW - 24	06/27/13	3498.79	-	31.03	0.00	3467.76
MW - 24	07/02/13	3498.79	-	30.08	0.00	3468.71

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 24	07/08/13	3498.79	-	31.12	0.00	3467.67
MW - 24	07/15/13	3498.79	-	31.20	0.00	3467.59
MW - 24	07/23/13	3498.79	-	31.06	0.00	3467.73
MW - 24	07/29/13	3498.79	-	31.01	0.00	3467.78
MW - 24	08/07/13	3498.79	-	31.09	0.00	3467.70
MW - 24	08/15/13	3498.79	-	31.19	0.00	3467.60
MW - 24	08/20/13	3498.79	-	31.22	0.00	3467.57
MW - 24	08/28/13	3498.79	-	31.28	0.00	3467.51
MW - 24	09/05/13	3498.79	-	31.33	0.00	3467.46
MW - 24	09/09/13	3498.79	-	31.29	0.00	3467.50
MW - 24	09/18/13	3498.79	-	31.36	0.00	3467.43
MW - 24	09/28/13	3498.79	-	31.41	0.00	3467.38
MW - 24	10/01/13	3498.79	-	31.39	0.00	3467.40
MW - 24	10/08/13	3498.79	-	31.40	0.00	3467.39
MW - 24	10/14/13	3498.79	-	31.41	0.00	3467.38
MW - 24	10/23/13	3498.79	-	31.26	0.00	3467.53
MW - 24	10/29/13	3498.79	-	31.21	0.00	3467.58
MW - 24	11/16/13	3498.79	-	31.12	0.00	3467.67
MW - 24	11/27/13	3498.79	-	31.20	0.00	3467.59
MW - 24	12/02/13	3498.79	-	31.10	0.00	3467.69
MW - 24	12/14/13	3498.79	-	31.16	0.00	3467.63
MW - 24	12/19/13	3498.79	-	31.04	0.00	3467.75
MW - 24	12/24/13	3498.79	-	31.11	0.00	3467.68
MW - 24	01/02/14	3498.79	-	31.13	0.00	3467.66
MW - 24	01/07/14	3498.79	-	31.07	0.00	3467.72
MW - 24	01/14/14	3498.79	-	31.11	0.00	3467.68
MW - 24	01/21/14	3498.79	-	31.05	0.00	3467.74
MW - 24	01/31/14	3498.79	-	31.01	0.00	3467.78
MW - 24	02/10/14	3498.79	-	31.03	0.00	3467.76
MW - 24	02/27/14	3498.79	-	30.97	0.00	3467.82
MW - 24	03/06/14	3498.79	-	31.02	0.00	3467.77
MW - 24	03/13/14	3498.79	-	31.05	0.00	3467.74
MW - 24	03/25/14	3498.79	-	31.02	0.00	3467.77
MW - 24	04/03/14	3498.79	-	30.95	0.00	3467.84
MW - 24	04/07/14	3498.79	-	31.01	0.00	3467.78
MW - 24	04/14/14	3498.79	-	31.11	0.00	3467.68
MW - 24	04/23/14	3498.79	-	30.57	0.00	3468.22
MW - 24	04/28/14	3498.79	-	31.02	0.00	3467.77
MW - 24	05/05/14	3498.79	-	31.01	0.00	3467.78
MW - 24	05/14/14	3498.79	-	31.11	0.00	3467.68
MW - 24	05/22/14	3498.79	-	31.15	0.00	3467.64
MW - 24	05/28/14	3498.79	-	31.24	0.00	3467.55
MW - 24	06/02/14	3498.79	-	31.30	0.00	3467.49
MW - 24	06/12/14	3498.79	-	31.50	0.00	3467.29
MW - 24	06/17/14	3498.79	-	31.53	0.00	3467.26
MW - 24	06/25/14	3498.79	-	31.61	0.00	3467.18

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 24	06/30/14	3498.79	-	31.98	0.00	3466.81
MW - 24	07/11/14	3498.79	-	31.66	0.00	3467.13
MW - 24	07/14/14	3498.79	-	31.69	0.00	3467.10
MW - 24	07/22/14	3498.79	-	31.75	0.00	3467.04
MW - 24	07/23/14	3498.79	-	31.75	0.00	3467.04
MW - 24	08/05/14	3498.79	-	31.85	0.00	3466.94
MW - 24	08/12/14	3498.79	-	31.91	0.00	3466.88
MW - 24	08/13/14	3498.79	-	31.90	0.00	3466.89
MW - 24	08/27/14	3498.79	-	31.97	0.00	3466.82
MW - 24	09/17/14	3498.79	-	31.14	0.00	3467.65
MW - 24	09/23/14	3498.79	-	30.73	0.00	3468.06
MW - 24	10/10/14	3498.79	-	30.20	0.00	3468.59
MW - 24	10/15/14	3498.79	-	30.19	0.00	3468.60
MW - 24	10/20/14	3498.79	-	30.19	0.00	3468.60
MW - 24	10/27/14	3498.79	-	30.16	0.00	3468.63
MW - 24	11/04/14	3498.79	-	30.29	0.00	3468.50
MW - 24	11/06/14	3498.79	-	30.26	0.00	3468.53
MW - 24	11/11/14	3498.79	-	30.10	0.00	3468.69
MW - 24	11/18/14	3498.79	-	29.84	0.00	3468.95
MW - 24	12/02/14	3498.79	-	30.01	0.00	3468.78
MW - 24	12/09/14	3498.79	-	30.02	0.00	3468.77
MW - 24	12/17/14	3498.79	-	29.97	0.00	3468.82
MW - 24	12/23/14	3498.79	-	30.08	0.00	3468.71
MW - 24	12/30/14	3498.79	-	30.13	0.00	3468.66
MW - 25	06/07/02	3498.08	-	31.38	0.00	3466.70
MW - 25	09/27/02	3498.08	-	31.49	0.00	3466.59
MW - 25	12/04/02	3498.08	-	31.12	0.00	3466.96
MW - 25	02/25/03	3498.08	-	30.84	0.00	3467.24
MW - 25	05/22/03	3498.08	-	31.05	0.00	3467.03
MW - 25	08/26/03	3498.08	-	32.20	0.00	3465.88
MW - 25	11/25/03	3498.08	-	32.28	0.00	3465.80
MW - 25	02/10/04	3498.08	-	32.33	0.00	3465.75
MW - 25	05/10/04	3498.08	-	28.51	0.00	3469.57
MW - 25	08/25/04	3498.08	-	30.37	0.00	3467.71
MW - 25	12/01/04	3498.08	-	29.44	0.00	3468.64
MW - 25	03/10/05	3498.08	-	28.69	0.00	3469.39
MW - 25	06/10/05	3498.08	-	27.47	0.00	3470.61
MW - 25	09/09/05	3498.08	-	28.27	0.00	3469.81
MW - 25	12/05/05	3498.08	-	28.04	0.00	3470.04
MW - 25	03/09/06	3498.08	-	27.87	0.00	3470.21
MW - 25	06/08/06	3498.08	-	28.37	0.00	3469.71
MW - 25	09/15/06	3498.08	-	28.21	0.00	3469.87
MW - 25	11/29/06	3498.08	-	27.90	0.00	3470.18
MW - 25	02/14/07	3498.08	-	27.89	0.00	3470.19
MW - 25	02/26/07	3498.08	-	27.80	0.00	3470.28

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 25	05/21/07	3498.08	-	27.34	0.00	3470.74
MW - 25	08/16/07	3498.08	-	28.14	0.00	3469.94
MW - 25	11/07/07	3498.08	-	27.81	0.00	3470.27
MW - 25	02/12/08	3498.08	-	27.81	0.00	3470.27
MW - 25	05/15/08	3498.08	-	27.88	0.00	3470.20
MW - 25	08/18/08	3498.08	-	28.83	0.00	3469.25
MW - 25	09/17/08	3498.08	-	28.73	0.00	3469.35
MW - 25	11/13/08	3498.08	-	28.48	0.00	3469.60
MW - 25	02/11/09	3498.08	-	28.45	0.00	3469.63
MW - 25	02/24/09	3498.08	-	28.40	0.00	3469.68
MW - 25	03/04/09	3498.08	-	28.41	0.00	3469.67
MW - 25	03/17/09	3498.08	-	28.44	0.00	3469.64
MW - 25	03/25/09	3498.08	-	28.41	0.00	3469.67
MW - 25	04/08/09	3498.08	-	28.45	0.00	3469.63
MW - 25	04/15/09	3498.08	-	28.46	0.00	3469.62
MW - 25	04/29/09	3498.08	-	25.46	0.00	3472.62
MW - 25	05/13/09	3498.08	-	28.49	0.00	3469.59
MW - 25	06/10/09	3498.08	-	28.52	0.00	3469.56
MW - 25	06/18/09	3498.08	-	28.52	0.00	3469.56
MW - 25	07/02/09	3498.08	-	29.03	0.00	3469.05
MW - 25	07/08/09	3498.08	-	29.05	0.00	3469.03
MW - 25	07/14/09	3498.08	-	29.11	0.00	3468.97
MW - 25	07/20/09	3498.08	-	29.12	0.00	3468.96
MW - 25	07/27/09	3498.08	-	29.13	0.00	3468.95
MW - 25	08/03/09	3498.08	-	29.12	0.00	3468.96
MW - 25	08/11/09	3498.08	-	29.19	0.00	3468.89
MW - 25	08/24/09	3498.08	-	39.37	0.00	3458.71
MW - 25	08/31/09	3498.08	-	39.34	0.00	3458.74
MW - 25	09/08/09	3498.08	-	29.31	0.00	3468.77
MW - 25	09/22/09	3498.08	-	29.38	0.00	3468.70
MW - 25	09/29/09	3498.08	-	29.15	0.00	3468.93
MW - 25	10/07/09	3498.08	-	29.48	0.00	3468.60
MW - 25	10/12/09	3498.08	-	29.06	0.00	3469.02
MW - 25	10/16/09	3498.08	-	29.38	0.00	3468.70
MW - 25	10/26/09	3498.08	-	29.07	0.00	3469.01
MW - 25	11/12/09	3498.08	-	29.55	0.00	3468.53
MW - 25	11/23/09	3498.08	-	29.57	0.00	3468.51
MW - 25	12/28/09	3498.08	-	29.10	0.00	3468.98
MW - 25	01/05/10	3498.08	-	29.63	0.00	3468.45
MW - 25	01/20/10	3498.08	-	29.12	0.00	3468.96
MW - 25	01/25/10	3498.08	-	29.12	0.00	3468.96
MW - 25	02/10/10	3498.08	-	29.61	0.00	3468.47
MW - 25	03/01/10	3498.08	-	29.10	0.00	3468.98
MW - 25	05/25/10	3498.08	-	29.53	0.00	3468.55
MW - 25	06/07/10	3498.08	-	29.41	0.00	3468.67
MW - 25	06/12/10	3498.08	-	29.45	0.00	3468.63

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 25	06/25/10	3498.08	-	29.51	0.00	3468.57
MW - 25	07/07/10	3498.08	-	29.49	0.00	3468.59
MW - 25	07/12/10	3498.08	-	29.11	0.00	3468.97
MW - 25	07/26/10	3498.08	DID NOT GAUGE		0.00	3498.08
MW - 25	08/03/10	3498.08	-	28.88	0.00	3469.20
MW - 25	08/13/10	3498.08	-	28.82	0.00	3469.26
MW - 25	08/19/10	3498.08	-	28.82	0.00	3469.26
MW - 25	08/25/10	3498.08	-	28.87	0.00	3469.21
MW - 25	09/01/10	3498.08	-	28.81	0.00	3469.27
MW - 25	09/09/10	3498.08	-	28.86	0.00	3469.22
MW - 25	09/29/10	3498.08	-	28.90	0.00	3469.18
MW - 25	11/03/10	3498.08	-	28.78	0.00	3469.30
MW - 25	11/10/10	3498.08	-	28.99	0.00	3469.09
MW - 25	11/18/10	3498.08	-	29.58	0.00	3468.50
MW - 25	12/09/10	3498.08	-	28.76	0.00	3469.32
MW - 25	02/22/11	3498.08	-	29.59	0.00	3468.49
MW - 25	03/01/11	3498.08	sheen	29.15	0.00	3468.93
MW - 25	03/07/11	3498.08	sheen	29.05	0.00	3469.03
MW - 25	04/27/11	3498.08	-	29.27	0.00	3468.81
MW - 25	05/05/11	3498.08	sheen	29.32	0.00	3468.76
MW - 25	05/10/11	3498.08	-	29.30	0.00	3468.78
MW - 25	05/17/11	3498.08	-	29.62	0.00	3468.46
MW - 25	05/17/11	3498.08	-	29.62	0.00	3468.46
MW - 25	05/24/11	3498.08	-	29.61	0.00	3468.47
MW - 25	06/07/11	3498.08	-	29.47	0.00	3468.61
MW - 25	06/14/11	3498.08	-	29.58	0.00	3468.50
MW - 25	06/23/11	3498.08	-	29.56	0.00	3468.52
MW - 25	06/28/11	3498.08	-	29.64	0.00	3468.44
MW - 25	07/06/11	3498.08	sheen	29.94	0.00	3468.14
MW - 25	07/14/11	3498.08	sheen	29.95	0.00	3468.13
MW - 25	07/27/11	3498.08	-	29.92	0.00	3468.16
MW - 25	08/03/11	3498.08	-	30.12	0.00	3467.96
MW - 25	08/11/11	3498.08	-	30.28	0.00	3467.80
MW - 25	08/18/11	3498.08	-	30.27	0.00	3467.81
MW - 25	08/25/11	3498.08	-	30.32	0.00	3467.76
MW - 25	09/02/11	3498.08	-	30.43	0.00	3467.65
MW - 25	09/09/11	3498.08	-	30.40	0.00	3467.68
MW - 25	11/08/11	3498.08	-	30.37	0.00	3467.71
MW - 25	12/28/11	3498.08	-	30.29	0.00	3467.79
MW - 25	01/05/12	3498.08	-	30.31	0.00	3467.77
MW - 25	01/18/12	3498.08	-	30.29	0.00	3467.79
MW - 25	01/27/12	3498.08	-	30.25	0.00	3467.83
MW - 25	02/02/12	3498.08	-	30.18	0.00	3467.90
MW - 25	02/10/12	3498.08	-	30.27	0.00	3467.81
MW - 25	02/15/12	3498.08	-	30.21	0.00	3467.87
MW - 25	03/01/12	3498.08	-	30.11	0.00	3467.97

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 25	03/07/12	3498.08	-	30.11	0.00	3467.97
MW - 25	03/14/12	3498.08	-	30.13	0.00	3467.95
MW - 25	03/19/12	3498.08	-	30.09	0.00	3467.99
MW - 25	03/26/12	3498.08	-	30.08	0.00	3468.00
MW - 25	04/04/12	3498.08	-	30.12	0.00	3467.96
MW - 25	04/11/12	3498.08	-	30.08	0.00	3468.00
MW - 25	04/17/12	3498.08	-	30.11	0.00	3467.97
MW - 25	04/25/12	3498.08	-	30.05	0.00	3468.03
MW - 25	05/23/12	3498.08	-	30.10	0.00	3467.98
MW - 25	05/31/12	3498.08	-	30.14	0.00	3467.94
MW - 25	06/06/12	3498.08	-	30.19	0.00	3467.89
MW - 25	06/13/12	3498.08	-	30.27	0.00	3467.81
MW - 25	06/20/12	3498.08	-	30.19	0.00	3467.89
MW - 25	07/11/12	3498.08	-	30.34	0.00	3467.74
MW - 25	07/18/12	3498.08	-	30.42	0.00	3467.66
MW - 25	08/02/12	3498.08	-	30.54	0.00	3467.54
MW - 25	08/09/12	3498.08	-	30.61	0.00	3467.47
MW - 25	08/16/12	3498.08	-	30.31	0.00	3467.77
MW - 25	10/02/12	3498.08	-	30.88	0.00	3467.20
MW - 25	10/10/12	3498.08	-	30.81	0.00	3467.27
MW - 25	10/17/12	3498.08	-	30.67	0.00	3467.41
MW - 25	10/26/12	3498.08	-	30.79	0.00	3467.29
MW - 25	11/01/12	3498.08	-	30.66	0.00	3467.42
MW - 25	11/19/12	3498.08	-	30.66	0.00	3467.42
MW - 25	12/13/12	3498.08	-	30.57	0.00	3467.51
MW - 25	12/18/12	3498.08	-	30.55	0.00	3467.53
MW - 25	01/08/13	3498.08	-	30.55	0.00	3467.53
MW - 25	01/16/13	3498.08	-	30.59	0.00	3467.49
MW - 25	01/24/13	3498.08	-	30.59	0.00	3467.49
MW - 25	01/30/13	3498.08	-	30.57	0.00	3467.51
MW - 25	02/12/13	3498.08	-	30.49	0.00	3467.59
MW - 25	03/19/13	unable to gage				
MW - 25	05/01/13	unable to gage				
MW - 25	05/08/13	unable to gage				
MW - 25	05/15/13	3498.08	-	35.54	0.00	3462.54
MW - 25	08/08/13	3498.08	-		0.00	3498.08
MW - 25	11/27/13	unable to gage				
MW - 25	12/14/13	unable to gage				
MW - 25	12/19/13	3498.08	-	35.81	0.00	3462.27
MW - 25	02/10/14	3498.08	-	32.37	0.00	3465.71
MW - 25	05/22/14	3498.08	-	32.53	0.00	3465.55
MW - 25	06/25/14	3498.08	-	32.93	0.00	3465.15
MW - 25	06/30/14	3498.08	-	32.97	0.00	3465.11
MW - 25	07/11/14	3498.08	-	33.05	0.00	3465.03
MW - 25	07/14/14	3498.08	-	33.08	0.00	3465.00
MW - 25	07/22/14	3498.08	-	33.17	0.00	3464.91

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 25	07/23/14	3498.08	-	33.17	0.00	3464.91
MW - 25	08/05/14	3498.08	-	33.21	0.00	3464.87
MW - 25	08/12/14	3498.08	-	33.32	0.00	3464.76
MW - 25	08/13/14	3498.08	-	33.32	0.00	3464.76
MW - 25	08/27/14	3498.08	-	33.40	0.00	3464.68
MW - 25	09/17/14	3498.08	-	32.77	0.00	3465.31
MW - 25	09/23/14	3498.08	-	32.50	0.00	3465.58
MW - 25	10/10/14	3498.08	-	31.90	0.00	3466.18
MW - 25	10/15/14	3498.08	-	31.84	0.00	3466.24
MW - 25	10/20/14	3498.08	-	31.80	0.00	3466.28
MW - 25	10/27/14	3498.08	-	31.71	0.00	3466.37
MW - 25	11/04/14	3498.08	-	31.75	0.00	3466.33
MW - 25	11/06/14	3498.08	-	31.73	0.00	3466.35
MW - 25	11/11/14	3498.08	-	31.68	0.00	3466.40
MW - 25	11/18/14	3498.08	-	31.59	0.00	3466.49
MW - 25	12/02/14	3498.08	-	31.50	0.00	3466.58
MW - 25	12/09/14	3498.08	-	31.47	0.00	3466.61
MW - 25	12/17/14	3498.08	-	-	-	-
MW - 25	12/23/14	3498.08	-	31.51	0.00	3466.57
MW - 25	12/30/14	3498.08	-	31.52	0.00	3466.56
MW - 26	06/07/02	3499.18	-	32.04	0.00	3467.14
MW - 26	09/27/02	3499.18	-	32.16	0.00	3467.02
MW - 26	12/04/02	3499.18	-	31.77	0.00	3467.41
MW - 26	02/25/03	3499.18	-	31.50	0.00	3467.68
MW - 26	05/22/03	3499.18	-	31.68	0.00	3467.50
MW - 26	08/26/03	3499.18	-	26.89	0.00	3472.29
MW - 26	11/25/03	3499.18	-	32.97	0.00	3466.21
MW - 26	11/25/03	3499.18	-	32.97	0.00	3466.21
MW - 26	05/10/04	3499.18	-	31.10	0.00	3468.08
MW - 26	08/25/04	3499.18	-	31.10	0.00	3468.08
MW - 26	12/01/04	3499.18	-	30.05	0.00	3469.13
MW - 26	03/10/05	3499.18	-	29.33	0.00	3469.85
MW - 26	06/10/05	3499.18	-	28.41	0.00	3470.77
MW - 26	09/09/05	3499.18	-	28.93	0.00	3470.25
MW - 26	12/05/05	3499.18	-	28.69	0.00	3470.49
MW - 26	03/09/06	3499.18	-	28.53	0.00	3470.65
MW - 26	06/08/06	3499.18	-	29.04	0.00	3470.14
MW - 26	09/15/06	3499.18	-	28.85	0.00	3470.33
MW - 26	11/29/06	3499.18	-	28.55	0.00	3470.63
MW - 26	02/14/07	3499.18	-	28.56	0.00	3470.62
MW - 26	02/26/07	3499.18	-	28.53	0.00	3470.65
MW - 26	05/21/07	3499.18	-	27.88	0.00	3471.30
MW - 26	08/16/07	3499.18	-	28.81	0.00	3470.37
MW - 26	11/07/07	3499.18	-	28.47	0.00	3470.71
MW - 26	02/12/08	3499.18	-	29.19	0.00	3469.99

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 26	05/15/08	3499.18	-	28.58	0.00	3470.60
MW - 26	08/18/08	3499.18	-	29.57	0.00	3469.61
MW - 26	11/13/08	3499.18	-	29.10	0.00	3470.08
MW - 26	02/11/09	3499.18	-	29.13	0.00	3470.05
MW - 26	02/24/09	3499.18	-	29.07	0.00	3470.11
MW - 26	03/04/09	3499.18	-	29.08	0.00	3470.10
MW - 26	03/17/09	3499.18	-	29.09	0.00	3470.09
MW - 26	03/25/09	3499.18	-	29.06	0.00	3470.12
MW - 26	04/08/09	3499.18	-	29.08	0.00	3470.10
MW - 26	04/15/09	3499.18	-	29.10	0.00	3470.08
MW - 26	04/29/09	3499.18	-	29.13	0.00	3470.05
MW - 26	05/13/09	3499.18	-	29.14	0.00	3470.04
MW - 26	06/10/09	3499.18	-	29.16	0.00	3470.02
MW - 26	06/18/09	3499.18	-	29.16	0.00	3470.02
MW - 26	07/02/09	3499.18	-	29.74	0.00	3469.44
MW - 26	07/08/09	3499.18	-	29.72	0.00	3469.46
MW - 26	07/14/09	3499.18	-	29.77	0.00	3469.41
MW - 26	07/20/09	3499.18	-	29.79	0.00	3469.39
MW - 26	07/27/09	3499.18	-	29.80	0.00	3469.38
MW - 26	08/03/09	3499.18	-	29.79	0.00	3469.39
MW - 26	08/11/09	3499.18	-	29.90	0.00	3469.28
MW - 26	09/29/09	3499.18	-	29.82	0.00	3469.36
MW - 26	10/12/09	3499.18	-	29.73	0.00	3469.45
MW - 26	10/26/09	3499.18	-	29.72	0.00	3469.46
MW - 26	11/12/09	3499.18	-	30.21	0.00	3468.97
MW - 26	11/23/09	3499.18	-	30.23	0.00	3468.95
MW - 26	12/28/09	3499.18	-	29.74	0.00	3469.44
MW - 26	01/05/10	3499.18	-	30.18	0.00	3469.00
MW - 26	01/20/10	3499.18	-	29.70	0.00	3469.48
MW - 26	01/25/10	3499.18	-	29.69	0.00	3469.49
MW - 26	02/10/10	3499.18	-	30.27	0.00	3468.91
MW - 26	03/01/10	3499.18	-	29.67	0.00	3469.51
MW - 26	05/25/10	3499.18	-	30.19	0.00	3468.99
MW - 26	06/07/10	3499.18	-	30.06	0.00	3469.12
MW - 26	06/12/10	3499.18	-	30.11	0.00	3469.07
MW - 26	06/25/10	3499.18	-	30.15	0.00	3469.03
MW - 26	07/07/10	3499.18	-	30.02	0.00	3469.16
MW - 26	07/12/10	3499.18	-	29.66	0.00	3469.52
MW - 26	07/26/10	3499.18	DID NOT GAUGE		0.00	3499.18
MW - 26	08/03/10	3499.18	-	29.47	0.00	3469.71
MW - 26	08/13/10	3499.18	-	29.44	0.00	3469.74
MW - 26	08/19/10	3499.18	-	29.44	0.00	3469.74
MW - 26	08/25/10	3499.18	-	29.50	0.00	3469.68
MW - 26	09/01/10	3499.18	-	29.43	0.00	3469.75
MW - 26	09/09/10	3499.18	-	29.49	0.00	3469.69
MW - 26	09/29/10	3499.18	-	29.49	0.00	3469.69

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 26	11/03/10	3499.18	-	29.41	0.00	3469.77
MW - 26	11/10/10	3499.18	-	29.64	0.00	3469.54
MW - 26	11/18/10	3499.18	-	30.25	0.00	3468.93
MW - 26	12/09/10	3499.18	-	29.44	0.00	3469.74
MW - 26	02/22/11	3499.18	-	30.26	0.00	3468.92
MW - 26	03/01/11	3499.18	sheen	29.83	0.00	3469.35
MW - 26	03/07/11	3499.18	sheen	29.68	0.00	3469.50
MW - 26	04/27/11	3499.18	-	29.92	0.00	3469.26
MW - 26	05/17/11	3499.18	-	30.24	0.00	3468.94
MW - 26	07/06/11	3499.18	sheen	30.58	0.00	3468.60
MW - 26	08/11/11	3499.18	-	30.90	0.00	3468.28
MW - 26	11/08/11	3499.18	-	31.05	0.00	3468.13
MW - 26	03/01/12	3499.18	-	30.80	0.00	3468.38
MW - 26	05/23/12	3499.18	-	30.76	0.00	3468.42
MW - 26	08/09/12	3499.18	-	31.22	0.00	3467.96
MW - 26	11/19/12	3499.18	-	31.30	0.00	3467.88
MW - 26	02/12/13	3499.18	-	31.15	0.00	3468.03
MW - 26	05/15/13	3499.18	-	31.09	0.00	3468.09
MW - 26	08/07/13	3499.18	-	31.68	0.00	3467.50
MW - 26	11/27/13	3499.18	-	31.80	0.00	3467.38
MW - 26	02/10/14	3499.18	-	31.61	0.00	3467.57
MW - 26	05/22/14	3499.18	-	31.75	0.00	3467.43
MW - 26	07/22/14	3499.18	-	32.37	0.00	3466.81
MW - 26	08/13/14	3499.18	-	30.54	0.00	3468.64
MW - 26	08/27/14	3499.18	-	33.40	0.00	3465.78
MW - 26	10/27/14	3499.18	-	30.82	0.00	3468.36
MW - 26	11/05/14	3499.18	-	30.86	0.00	3468.32
MW - 27	06/07/02	3498.03	-	31.84	0.00	3466.19
MW - 27	09/27/02	3498.03	-	32.03	0.00	3466.00
MW - 27	12/04/02	3498.03	-	31.63	0.00	3466.40
MW - 27	02/25/03	3498.03	-	31.38	0.00	3466.65
MW - 27	05/22/03	3498.03	-	31.50	0.00	3466.53
MW - 27	08/26/03	3498.03	-	32.67	0.00	3465.36
MW - 27	11/25/03	3498.03	-	32.80	0.00	3465.23
MW - 27	02/10/04	3498.03	-	32.80	0.00	3465.23
MW - 27	05/10/04	3498.03	-	31.23	0.00	3466.80
MW - 27	08/25/04	3498.03	-	30.97	0.00	3467.06
MW - 27	12/01/04	3498.03	-	30.06	0.00	3467.97
MW - 27	03/10/05	3498.03	-	29.28	0.00	3468.75
MW - 27	06/10/05	3498.03	-	28.37	0.00	3469.66
MW - 27	09/09/05	3498.03	-	28.82	0.00	3469.21
MW - 27	12/05/05	3498.03	-	28.57	0.00	3469.46
MW - 27	03/09/06	3498.03	-	28.42	0.00	3469.61
MW - 27	06/08/06	3498.03	-	28.84	0.00	3469.19
MW - 27	09/15/06	3498.03	-	28.79	0.00	3469.24

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 27	11/29/06	3498.03	-	28.54	0.00	3469.49
MW - 27	02/26/07	3498.03	-	28.33	0.00	3469.70
MW - 27	05/21/07	3498.03	-	27.92	0.00	3470.11
MW - 27	08/16/07	3498.03	-	28.63	0.00	3469.40
MW - 27	11/07/07	3498.03	-	28.34	0.00	3469.69
MW - 27	02/12/08	3498.03	-	28.33	0.00	3469.70
MW - 27	05/15/08	3498.03	-	28.39	0.00	3469.64
MW - 27	08/18/08	3498.03	-	29.33	0.00	3468.70
MW - 27	11/13/08	3498.03	-	29.02	0.00	3469.01
MW - 27	02/11/09	3498.03	-	28.95	0.00	3469.08
MW - 27	05/13/09	3498.03	-	28.98	0.00	3469.05
MW - 27	08/11/09	3498.03	-	29.69	0.00	3468.34
MW - 27	11/23/09	3498.03	-	30.04	0.00	3467.99
MW - 27	01/05/10	3498.03	-	29.98	0.00	3468.05
MW - 27	02/10/10	3498.03	-	30.07	0.00	3467.96
MW - 27	05/25/10	3498.03	-	30.01	0.00	3468.02
MW - 27	08/13/10	3498.03	-	30.02	0.00	3468.01
MW - 27	11/17/10	3498.03	-	30.02	0.00	3468.01
MW - 27	02/22/11	3498.03	-	30.02	0.00	3468.01
MW - 27	05/17/11	3498.03	-	30.04	0.00	3467.99
MW - 27	08/11/11	3498.03	-	30.70	0.00	3467.33
MW - 27	11/08/11	3498.03	-	30.86	0.00	3467.17
MW - 27	03/01/12	3498.03	-	30.57	0.00	3467.46
MW - 27	05/23/12	3498.03	-	30.59	0.00	3467.44
MW - 27	08/09/12	3498.03	-	31.09	0.00	3466.94
MW - 27	11/19/12	3498.03	-	31.15	0.00	3466.88
MW - 27	02/12/13	3498.03	-	31.00	0.00	3467.03
MW - 27	05/15/13	3498.03	-	33.42	0.00	3464.61
MW - 27	08/07/13	3498.03	-	34.04	0.00	3463.99
MW - 27	11/27/13	3498.03	-	34.15	0.00	3463.88
MW - 27	02/10/14	3498.03	-	33.92	0.00	3464.11
MW - 27	05/22/14	3498.03	-	34.06	0.00	3463.97
MW - 27	07/22/14	3498.03	-	33.86	0.00	3464.17
MW - 27	08/13/14	3498.03	-	33.76	0.00	3464.27
MW - 27	10/27/14	3498.03	-	32.38	0.00	3465.65
MW - 27	11/05/14	3498.03	-	32.35	0.00	3465.68
MW - 28	06/07/02	3498.69	-	32.19	0.00	3466.50
MW - 28	09/27/02	3498.69	-	30.23	0.00	3468.46
MW - 28	12/04/02	3498.69	-	31.89	0.00	3466.80
MW - 28	02/25/03	3498.69	-	31.67	0.00	3467.02
MW - 28	05/22/03	3498.69	-	31.77	0.00	3466.92
MW - 28	08/26/03	3498.69	-	32.89	0.00	3465.80
MW - 28	11/25/03	3498.69	-	33.07	0.00	3465.62
MW - 28	02/10/04	3498.69	-	33.10	0.00	3465.59
MW - 28	05/10/04	3498.69	-	31.28	0.00	3467.41

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 28	08/25/04	3498.69	-	31.15	0.00	3467.54
MW - 28	12/01/04	3498.69	-	30.11	0.00	3468.58
MW - 28	03/10/05	3498.69	-	29.33	0.00	3469.36
MW - 28	06/10/05	3498.69	-	28.52	0.00	3470.17
MW - 28	09/09/05	3498.69	-	28.95	0.00	3469.74
MW - 28	12/05/05	3498.69	-	28.71	0.00	3469.98
MW - 28	03/09/06	3498.69	-	28.55	0.00	3470.14
MW - 28	06/08/06	3498.69	-	29.08	0.00	3469.61
MW - 28	09/15/06	3498.69	-	28.92	0.00	3469.77
MW - 28	11/29/06	3498.69	-	28.59	0.00	3470.10
MW - 28	02/26/07	3498.69	-	28.52	0.00	3470.17
MW - 28	05/21/07	3498.69	-	28.07	0.00	3470.62
MW - 28	06/21/07	3498.69	-	28.14	0.00	3470.55
MW - 28	08/16/07	3498.69	-	28.83	0.00	3469.86
MW - 28	11/07/07	3498.69	-	28.49	0.00	3470.20
MW - 28	02/12/08	3498.69	-	28.53	0.00	3470.16
MW - 28	05/15/08	3498.69	-	28.64	0.00	3470.05
MW - 28	08/18/08	3498.69	-	29.57	0.00	3469.12
MW - 28	11/13/08	3498.69	-	29.18	0.00	3469.51
MW - 28	02/11/09	3498.69	-	29.17	0.00	3469.52
MW - 28	05/13/09	3498.69	-	29.24	0.00	3469.45
MW - 28	08/11/09	3498.69	-	29.93	0.00	3468.76
MW - 28	11/23/09	3498.69	-	30.29	0.00	3468.40
MW - 28	01/05/10	3498.69	-	30.20	0.00	3468.49
MW - 28	02/10/10	3498.69	-	30.33	0.00	3468.36
MW - 28	05/25/10	3498.69	-	30.27	0.00	3468.42
MW - 28	08/13/10	3498.69	-	30.27	0.00	3468.42
MW - 28	11/17/10	3498.69	-	30.30	0.00	3468.39
MW - 28	02/22/11	3498.69	-	30.32	0.00	3468.37
MW - 28	05/17/11	3498.69	-	30.32	0.00	3468.37
MW - 28	08/11/11	3498.69	-	30.67	0.00	3468.02
MW - 28	11/08/11	3498.69	-	31.14	0.00	3467.55
MW - 28	03/01/12	3498.69	-	30.87	0.00	3467.82
MW - 28	05/23/12	3498.69	-	30.87	0.00	3467.82
MW - 28	08/09/12	3498.69	-	31.34	0.00	3467.35
MW - 28	11/19/12	3498.69	-	31.42	0.00	3467.27
MW - 28	02/12/13	3498.69	-	31.28	0.00	3467.41
MW - 28	05/15/13	3498.69	-	34.54	0.00	3464.15
MW - 28	08/07/13	3498.69	-	34.86	0.00	3463.83
MW - 28	11/27/13	3498.69	-	33.49	0.00	3465.20
MW - 28	02/10/14	3498.69	-	33.28	0.00	3465.41
MW - 28	05/22/14	3498.69	-	33.23	0.00	3465.46
MW - 28	07/22/14	3498.69	-	33.82	0.00	3464.87
MW - 28	08/13/14	3498.69	-	33.93	0.00	3464.76
MW - 28	10/27/14	3498.69	-	32.54	0.00	3466.15
MW - 28	11/06/14	3498.69	-	32.52	0.00	3466.17

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 29	06/07/02	3500.79	-	33.81	0.00	3466.98
MW - 29	09/27/02	3500.79	-	33.97	0.00	3466.82
MW - 29	12/04/02	3500.79	-	33.51	0.00	3467.28
MW - 29	02/25/03	3500.79	-	33.33	0.00	3467.46
MW - 29	05/22/03	3500.79	-	33.49	0.00	3467.30
MW - 29	08/26/03	3500.79	-	34.55	0.00	3466.24
MW - 29	11/25/03	3500.79	-	34.70	0.00	3466.09
MW - 29	02/10/04	3500.79	-	34.78	0.00	3466.01
MW - 29	05/10/04	3500.79	-	32.81	0.00	3467.98
MW - 29	08/25/04	3500.79	-	32.75	0.00	3468.04
MW - 29	12/01/04	3500.79	-	31.62	0.00	3469.17
MW - 29	03/10/05	3500.79	-	30.90	0.00	3469.89
MW - 29	06/10/05	3500.79	-	30.15	0.00	3470.64
MW - 29	09/09/05	3500.79	-	30.56	0.00	3470.23
MW - 29	09/13/05	Plugged and Abandoned				
MW - 30	06/07/02	3498.65	-	32.48	0.00	3466.17
MW - 30	09/27/02	3498.65	-	32.62	0.00	3466.03
MW - 30	12/04/02	3498.65	-	32.32	0.00	3466.33
MW - 30	02/25/03	3498.65	-	32.01	0.00	3466.64
MW - 30	05/22/03	3498.65	-	32.14	0.00	3466.51
MW - 30	08/26/03	3498.65	-	33.25	0.00	3465.40
MW - 30	11/25/03	3498.65	-	33.48	0.00	3465.17
MW - 30	02/10/04	3498.65	-	33.46	0.00	3465.19
MW - 30	05/10/04	3498.65	-	31.74	0.00	3466.91
MW - 30	08/25/04	3498.65	-	31.53	0.00	3467.12
MW - 30	12/01/04	3498.65	-	30.53	0.00	3468.12
MW - 30	03/10/05	3498.65	-	29.80	0.00	3468.85
MW - 30	06/10/05	3498.65	-	28.97	0.00	3469.68
MW - 30	09/09/05	3498.65	-	29.35	0.00	3469.30
MW - 30	12/05/05	3498.65	-	29.09	0.00	3469.56
MW - 30	03/09/06	3498.65	-	28.97	0.00	3469.68
MW - 30	06/08/06	3498.65	-	29.43	0.00	3469.22
MW - 30	09/15/06	3498.65	-	29.36	0.00	3469.29
MW - 30	11/29/06	3498.65	-	29.00	0.00	3469.65
MW - 30	02/26/07	3498.65	-	28.96	0.00	3469.69
MW - 30	05/21/07	3498.65	-	28.48	0.00	3470.17
MW - 30	06/21/07	3498.65	-	28.51	0.00	3470.14
MW - 30	08/16/07	3498.65	-	29.19	0.00	3469.46
MW - 30	11/07/07	3498.65	-	28.88	0.00	3469.77
MW - 30	02/12/08	3498.65	-	28.90	0.00	3469.75
MW - 30	05/15/08	3498.65	-	28.99	0.00	3469.66
MW - 30	08/18/08	3498.65	-	29.96	0.00	3468.69
MW - 30	11/13/08	3498.65	-	29.59	0.00	3469.06
MW - 30	02/11/09	3498.65	-	29.57	0.00	3469.08

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 30	05/13/09	3498.65	-	29.62	0.00	3469.03
MW - 30	08/11/09	3498.65	-	30.30	0.00	3468.35
MW - 30	11/23/09	3498.65	-	30.68	0.00	3467.97
MW - 30	01/05/10	3498.65	-	30.61	0.00	3468.04
MW - 30	02/10/10	3498.65	-	30.72	0.00	3467.93
MW - 30	05/25/10	3498.65	-	30.52	0.00	3468.13
MW - 30	08/13/10	3498.65	-	30.50	0.00	3468.15
MW - 30	11/17/10	3498.65	-	30.72	0.00	3467.93
MW - 30	02/22/11	3498.65	-	30.73	0.00	3467.92
MW - 30	05/17/11	3498.65	-	30.75	0.00	3467.90
MW - 30	08/11/11	3498.65	-	31.12	0.00	3467.53
MW - 30	11/08/11	3498.65	-	31.54	0.00	3467.11
MW - 30	03/01/12	3498.65	-	31.27	0.00	3467.38
MW - 30	05/23/12	3498.65	-	31.26	0.00	3467.39
MW - 30	08/09/12	3498.65	-	31.75	0.00	3466.90
MW - 30	11/19/12	3498.65	-	31.83	0.00	3466.82
MW - 30	02/12/13	3498.65	-	31.69	0.00	3466.96
MW - 30	05/15/13	3498.65	-	31.73	0.00	3466.92
MW - 30	08/07/13	3498.65	-	32.28	0.00	3466.37
MW - 30	11/27/13	3498.65	-	32.37	0.00	3466.28
MW - 30	02/10/14	3498.65	-	32.15	0.00	3466.50
MW - 30	05/22/14	3498.65	-	32.27	0.00	3466.38
MW - 30	05/22/14	3498.65	-	32.27	0.00	3466.38
MW - 30	07/22/14	3498.65	-	32.84	0.00	3465.81
MW - 30	08/13/14	3498.65	-	32.97	0.00	3465.68
MW - 30	10/27/14	3498.65	-	31.71	0.00	3466.94
MW - 30	11/06/14	3498.65	-	31.67	0.00	3466.98
RW - 1	12/04/02	3498.89	27.51	28.64	1.13	3471.21
RW - 1	01/07/03	3498.89	27.37	29.05	1.68	3471.27
RW - 1	01/27/03	3498.89	27.25	28.46	1.21	3471.46
RW - 1	02/25/03	3498.89	27.22	28.31	1.09	3471.51
RW - 1	03/06/03	3498.89	27.30	28.58	1.28	3471.40
RW - 1	03/11/03	3498.89	27.22	28.50	1.28	3471.48
RW - 1	03/20/03	3498.89	27.34	28.25	0.91	3471.41
RW - 1	04/02/03	3498.89	27.22	28.28	1.06	3471.51
RW - 1	04/16/03	3498.89	27.24	28.44	1.20	3471.47
RW - 1	04/23/03	3498.89	27.19	28.49	1.30	3471.51
RW - 1	04/29/03	3498.89	27.16	28.45	1.29	3471.54
RW - 1	05/15/03	3498.89	27.29	27.82	0.53	3471.52
RW - 1	05/22/03	3498.89	27.38	29.61	2.23	3471.18
RW - 1	05/28/03	3498.89	27.52	29.26	1.74	3471.11
RW - 1	06/04/03	3498.89	27.48	29.23	1.75	3471.15
RW - 1	06/10/03	3498.89	27.67	29.51	1.84	3470.94
RW - 1	06/26/03	3498.89	27.26	28.80	1.54	3471.40
RW - 1	07/07/03	3498.89	28.05	30.06	2.01	3470.54

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	07/30/03	3498.89	28.07	30.05	1.98	3470.52
RW - 1	08/05/03	3498.89	28.36	30.60	2.24	3470.19
RW - 1	08/21/03	3498.89	28.62	30.93	2.31	3469.92
RW - 1	08/26/03	3498.89	28.66	30.98	2.32	3469.88
RW - 1	09/08/03	3498.89	28.75	31.09	2.34	3469.79
RW - 1	09/15/03	3498.89	28.71	29.89	1.18	3470.00
RW - 1	09/24/03	3498.89	29.69	29.89	0.20	3469.17
RW - 1	10/02/03	3498.89	28.85	31.00	2.15	3469.72
RW - 1	10/08/03	3498.89	28.60	30.96	2.36	3469.94
RW - 1	10/16/03	3498.89	28.98	30.82	1.84	3469.63
RW - 1	10/28/03	3498.89	29.06	30.16	1.10	3469.67
RW - 1	11/11/03	3498.89	29.24	30.17	0.93	3469.51
RW - 1	11/18/03	3498.89	29.01	30.05	1.04	3469.72
RW - 1	11/25/03	3498.89	28.69	29.68	0.99	3470.05
RW - 1	02/20/04	3498.89	28.89	30.19	1.30	3469.81
RW - 1	03/16/04	3498.89	29.04	30.10	1.06	3469.69
RW - 1	12/08/03	3498.89	28.76	29.79	1.03	3469.98
RW - 1	03/25/04	3498.89	29.08	30.15	1.07	3469.65
RW - 1	03/31/04	3498.89	29.10	30.13	1.03	3469.64
RW - 1	04/08/04	3498.89	26.82	27.36	0.54	3471.99
RW - 1	04/14/04	3498.89	26.90	27.68	0.78	3471.87
RW - 1	04/29/04	3498.89	26.24	27.50	1.26	3472.46
RW - 1	05/05/04	3498.89	26.49	27.41	0.92	3472.26
RW - 1	05/10/04	3498.89	26.15	27.06	0.91	3472.60
RW - 1	06/08/04	3498.89	26.21	27.49	1.28	3472.49
RW - 1	06/17/04	3498.89	26.37	27.81	1.44	3472.30
RW - 1	06/22/04	3498.89	26.42	27.93	1.51	3472.24
RW - 1	06/25/04	3498.89	26.38	27.90	1.52	3472.28
RW - 1	06/29/04	3498.89	26.34	27.99	1.65	3472.30
RW - 1	07/01/04	3498.89	26.37	28.11	1.74	3472.26
RW - 1	07/08/04	3498.89	26.35	29.97	3.62	3472.00
RW - 1	07/13/04	3498.89	26.43	28.15	1.72	3472.20
RW - 1	07/20/04	3498.89	26.58	28.35	1.77	3472.04
RW - 1	08/04/04	3498.89	26.59	28.34	1.75	3472.04
RW - 1	08/10/04	3498.89	26.64	28.32	1.68	3472.00
RW - 1	08/17/04	3498.89	26.70	28.70	2.00	3471.89
RW - 1	08/23/04	3498.89	26.68	27.09	0.41	3472.15
RW - 1	08/25/04	3498.89	26.43	27.73	1.30	3472.27
RW - 1	08/31/04	3498.89	26.85	27.52	0.67	3471.94
RW - 1	09/13/04	3498.89	26.85	27.31	0.46	3471.97
RW - 1	09/20/04	3498.89	26.95	27.50	0.55	3471.86
RW - 1	09/30/04	3498.89	27.11	27.52	0.41	3471.72
RW - 1	10/04/04	3498.89	26.11	26.33	0.22	3472.75
RW - 1	10/11/04	3498.89	25.89	26.11	0.22	3472.97
RW - 1	10/18/04	3498.89	sheen	25.85	0.00	3473.04
RW - 1	10/27/04	3498.89	sheen	25.89	0.00	3473.00

TABLE 1
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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	11/02/04	3498.89	sheen	25.65	0.00	3473.24
RW - 1	11/08/04	3498.89	sheen	25.59	0.00	3473.30
RW - 1	11/23/04	3498.89	25.45	25.50	0.05	3473.43
RW - 1	12/01/04	3498.89	sheen	25.26	0.00	3473.63
RW - 1	12/02/04	3498.89	sheen	25.26	0.00	3473.63
RW - 1	12/08/04	3498.89	sheen	25.05	0.00	3473.84
RW - 1	12/14/04	3498.89	sheen	25.15	0.00	3473.74
RW - 1	12/21/04	3498.89	sheen	25.15	0.00	3473.74
RW - 1	12/29/04	3498.89	sheen	25.02	0.00	3473.87
RW - 1	01/11/05	3498.89	sheen	24.89	0.00	3474.00
RW - 1	01/14/05	3498.89	sheen	25.11	0.00	3473.78
RW - 1	01/18/05	3498.89	sheen	24.89	0.00	3474.00
RW - 1	01/21/05	3498.89	sheen	24.81	0.00	3474.08
RW - 1	01/25/05	3498.89	sheen	24.86	0.00	3474.03
RW - 1	01/28/05	3498.89	sheen	24.79	0.00	3474.10
RW - 1	02/02/05	3498.89	sheen	24.86	0.00	3474.03
RW - 1	02/05/05	3498.89	sheen	24.82	0.00	3474.07
RW - 1	02/08/05	3498.89	sheen	24.78	0.00	3474.11
RW - 1	02/11/05	3498.89	sheen	24.75	0.00	3474.14
RW - 1	02/15/05	3498.89	sheen	24.85	0.00	3474.04
RW - 1	02/18/05	3498.89	sheen	24.87	0.00	3474.02
RW - 1	02/22/05	3498.89	sheen	24.81	0.00	3474.08
RW - 1	02/25/05	3498.89	sheen	24.95	0.00	3473.94
RW - 1	03/01/05	3498.89	sheen	24.86	0.00	3474.03
RW - 1	03/04/05	3498.89	sheen	24.83	0.00	3474.06
RW - 1	03/08/05	3498.89	sheen	24.69	0.00	3474.20
RW - 1	03/10/05	3498.89	sheen	24.69	0.00	3474.20
RW - 1	03/11/05	3498.89	sheen	24.72	0.00	3474.17
RW - 1	03/15/05	3498.89	sheen	24.71	0.00	3474.18
RW - 1	03/19/05	3498.89	sheen	25.70	0.00	3473.19
RW - 1	03/22/05	3498.89	sheen	24.75	0.00	3474.14
RW - 1	03/28/05	3498.89	sheen	24.55	0.00	3474.34
RW - 1	04/01/05	3498.89	sheen	24.76	0.00	3474.13
RW - 1	04/05/05	3498.89	sheen	24.60	0.00	3474.29
RW - 1	04/08/05	3498.89	sheen	24.62	0.00	3474.27
RW - 1	04/12/05	3498.89	sheen	24.63	0.00	3474.26
RW - 1	04/15/05	3498.89	sheen	24.59	0.00	3474.30
RW - 1	05/25/05	3498.89	sheen	24.39	0.00	3474.50
RW - 1	06/03/05	3498.89	sheen	24.21	0.00	3474.68
RW - 1	06/06/05	3498.89	sheen	24.19	0.00	3474.70
RW - 1	06/10/05	3498.89	24.09	24.10	0.01	3474.80
RW - 1	06/13/05	3498.89	sheen	24.42	0.00	3474.47
RW - 1	06/20/05	3498.89	sheen	24.38	0.00	3474.51
RW - 1	06/24/05	3498.89	sheen	24.35	0.00	3474.54
RW - 1	06/27/05	3498.89	sheen	24.36	0.00	3474.53
RW - 1	07/18/05	3498.89	sheen	24.68	0.00	3474.21

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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	07/25/05	3498.89	sheen	24.79	0.00	3474.10
RW - 1	08/01/05	3498.89	24.77	24.78	0.01	3474.12
RW - 1	08/10/05	3498.89	24.84	24.85	0.01	3474.05
RW - 1	08/16/05	3498.89	sheen	24.94	0.00	3473.95
RW - 1	08/23/05	3498.89	sheen	24.68	0.00	3474.21
RW - 1	08/29/05	3498.89	sheen	24.60	0.00	3474.29
RW - 1	09/06/05	3498.89	24.51	24.52	0.01	3474.38
RW - 1	09/09/05	3498.89	24.49	24.51	0.02	3474.40
RW - 1	09/12/05	3498.89	24.53	24.54	0.01	3474.36
RW - 1	09/19/05	3498.89	24.75	24.82	0.07	3474.13
RW - 1	09/27/05	3498.89	24.76	24.85	0.09	3474.12
RW - 1	10/03/05	3498.89	24.79	24.89	0.10	3474.09
RW - 1	10/10/05	3498.89	24.63	24.71	0.08	3474.25
RW - 1	10/17/05	3498.89	24.66	24.76	0.10	3474.22
RW - 1	10/24/05	3498.89	24.58	24.60	0.02	3474.31
RW - 1	11/01/05	3498.89	24.48	24.49	0.01	3474.41
RW - 1	11/08/05	3498.89	24.39	24.40	0.01	3474.50
RW - 1	11/15/05	3498.89	24.59	24.71	0.12	3474.28
RW - 1	11/22/05	3498.89	24.40	24.46	0.06	3474.48
RW - 1	11/27/05	3498.89	24.38	24.42	0.04	3474.50
RW - 1	12/05/05	3498.89	24.39	24.44	0.05	3474.49
RW - 1	12/07/05	3498.89	24.46	24.51	0.05	3474.42
RW - 1	12/16/05	3498.89	24.35	24.45	0.10	3474.53
RW - 1	12/29/05	3498.89	24.32	24.45	0.13	3474.55
RW - 1	01/03/06	3498.89	24.36	24.47	0.11	3474.51
RW - 1	01/09/06	3498.89	24.44	24.56	0.12	3474.43
RW - 1	01/16/06	3498.89	24.26	24.30	0.04	3474.62
RW - 1	01/23/06	3498.89	24.45	24.56	0.11	3474.42
RW - 1	01/30/06	3498.89	24.49	24.55	0.06	3474.39
RW - 1	02/07/06	3498.89	24.40	24.47	0.07	3474.48
RW - 1	02/14/06	3498.89	24.31	24.36	0.05	3474.57
RW - 1	02/21/06	3498.89	24.30	24.39	0.09	3474.58
RW - 1	02/27/06	3498.89	24.31	24.39	0.08	3474.57
RW - 1	03/06/06	3498.89	24.35	24.45	0.10	3474.53
RW - 1	03/09/06	3498.89	24.18	24.26	0.08	3474.70
RW - 1	03/17/06	3498.89	24.48	24.50	0.02	3474.41
RW - 1	03/21/06	3498.89	24.43	24.53	0.10	3474.45
RW - 1	03/28/06	3498.89	24.48	24.54	0.06	3474.40
RW - 1	04/03/06	3498.89	24.48	24.58	0.10	3474.40
RW - 1	04/10/06	3498.89	24.26	24.30	0.04	3474.62
RW - 1	04/17/06	3498.89	24.24	24.30	0.06	3474.64
RW - 1	05/01/06	3498.89	25.30	25.36	0.06	3473.58
RW - 1	05/08/06	3498.89	24.26	24.40	0.14	3474.61
RW - 1	05/15/06	3498.89	24.50	24.72	0.22	3474.36
RW - 1	06/01/06	3498.89	24.65	24.75	0.10	3474.23
RW - 1	06/05/06	3498.89	24.58	24.62	0.04	3474.30

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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	06/08/06	3498.89	24.70	24.86	0.16	3474.17
RW - 1	06/12/06	3498.89	24.81	24.91	0.10	3474.07
RW - 1	06/19/06	3498.89	24.91	24.96	0.05	3473.97
RW - 1	07/03/06	3498.89	25.02	25.06	0.04	3473.86
RW - 1	07/10/06	3498.89	24.97	24.99	0.02	3473.92
RW - 1	07/17/06	3498.89	24.88	24.90	0.02	3474.01
RW - 1	07/26/06	3498.89	25.05	25.15	0.10	3473.83
RW - 1	07/31/06	3498.89	25.05	25.11	0.06	3473.83
RW - 1	08/07/06	3498.89	25.15	25.22	0.07	3473.73
RW - 1	08/17/06	3498.89	sheen	25.01	0.00	3473.88
RW - 1	08/21/06	3498.89	sheen	24.92	0.00	3473.97
RW - 1	09/06/06	3498.89	sheen	24.46	0.00	3474.43
RW - 1	09/11/06	3498.89	24.48	24.53	0.05	3474.40
RW - 1	09/15/06	3498.89	24.43	24.48	0.05	3474.45
RW - 1	10/02/06	3498.89	24.45	24.50	0.05	3474.43
RW - 1	10/09/06	3498.89	24.39	24.69	0.30	3474.46
RW - 1	10/17/06	3498.89	24.35	24.60	0.25	3474.50
RW - 1	10/23/06	3498.89	sheen	24.40	0.00	3474.49
RW - 1	10/30/06	3498.89	sheen	24.38	0.00	3474.51
RW - 1	11/06/06	3498.89	sheen	24.33	0.00	3474.56
RW - 1	11/13/06	3498.89	sheen	24.29	0.00	3474.60
RW - 1	11/27/06	3498.89	24.30	24.31	0.01	3474.59
RW - 1	11/29/06	3498.89	24.30	24.31	0.01	3474.59
RW - 1	12/04/06	3498.89	sheen	24.27	0.00	3474.62
RW - 1	12/12/06	3498.89	sheen	24.37	0.00	3474.52
RW - 1	12/18/06	3498.89	sheen	24.32	0.00	3474.57
RW - 1	01/04/07	3498.89	sheen	24.22	0.00	3474.67
RW - 1	01/11/07	3498.89	sheen	24.19	0.00	3474.70
RW - 1	01/18/07	3498.89	sheen	24.31	0.00	3474.58
RW - 1	01/22/07	3498.89	24.30	24.37	0.07	3474.58
RW - 1	01/31/07	3498.89	sheen	24.15	0.00	3474.74
RW - 1	02/07/07	3498.89	sheen	24.24	0.00	3474.65
RW - 1	02/14/07	3498.89	sheen	24.29	0.00	3474.60
RW - 1	02/26/07	3498.89	sheen	24.21	0.00	3474.68
RW - 1	03/07/07	3498.89	sheen	24.34	0.00	3474.55
RW - 1	04/03/07	3498.89	sheen	24.18	0.00	3474.71
RW - 1	04/09/07	3498.89	sheen	23.96	0.00	3474.93
RW - 1	04/17/07	3498.89	sheen	24.02	0.00	3474.87
RW - 1	05/01/07	3498.89	sheen	24.13	0.00	3474.76
RW - 1	05/07/07	3498.89	sheen	24.13	0.00	3474.76
RW - 1	05/17/07	3498.89	sheen	23.95	0.00	3474.94
RW - 1	05/21/07	3498.89	sheen	24.73	0.00	3474.16
RW - 1	07/03/07	3498.89	sheen	23.93	0.00	3474.96
RW - 1	07/30/07	3498.89	sheen	24.28	0.00	3474.61
RW - 1	08/06/07	3498.89	sheen	24.31	0.00	3474.58
RW - 1	08/16/07	3498.89	sheen	24.46	0.00	3474.43

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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	09/13/07	3498.89	sheen	24.37	0.00	3474.52
RW - 1	09/18/07	3498.89	sheen	24.26	0.00	3474.63
RW - 1	09/24/07	3498.89	sheen	24.24	0.00	3474.65
RW - 1	10/01/07	3498.89	sheen	24.24	0.00	3474.65
RW - 1	10/08/07	3498.89	sheen	24.26	0.00	3474.63
RW - 1	10/15/07	3498.89	sheen	25.29	0.00	3473.60
RW - 1	11/07/07	3498.89	sheen	24.92	0.00	3473.97
RW - 1	12/14/07	3498.89	sheen	24.22	0.00	3474.67
RW - 1	01/09/08	3498.89	-	24.14	0.00	3474.75
RW - 1	01/16/08	3498.89	24.18	24.19	0.01	3474.71
RW - 1	01/23/08	3498.89	-	24.43	0.00	3474.46
RW - 1	02/08/08	3498.89	-	24.22	0.00	3474.67
RW - 1	02/12/08	3498.89	-	24.22	0.00	3474.67
RW - 1	02/22/08	3498.89	-	24.24	0.00	3474.65
RW - 1	03/05/08	3498.89	-	24.21	0.00	3474.68
RW - 1	05/14/08	3498.89	-	24.35	0.00	3474.54
RW - 1	06/23/08	3498.89	-	24.82	0.00	3474.07
RW - 1	08/18/08	3498.89	-	25.40	0.00	3473.49
RW - 1	09/17/08	3498.89	-	24.98	0.00	3473.91
RW - 1	09/29/08	3498.89	-	25.07	0.00	3473.82
RW - 1	10/06/08	3498.89	-	25.04	0.00	3473.85
RW - 1	10/13/08	3498.89	-	25.14	0.00	3473.75
RW - 1	10/20/08	3498.89	-	25.02	0.00	3473.87
RW - 1	10/29/08	3498.89	-	24.93	0.00	3473.96
RW - 1	11/05/08	3498.89	-	24.84	0.00	3474.05
RW - 1	11/10/08	3498.89	-	24.84	0.00	3474.05
RW - 1	11/13/08	3498.89	-	24.82	0.00	3474.07
RW - 1	12/03/08	3498.89	-	24.91	0.00	3473.98
RW - 1	12/16/08	3498.89	-	24.78	0.00	3474.11
RW - 1	12/30/08	3498.89	-	24.81	0.00	3474.08
RW - 1	01/06/09	3498.89	-	-	-	-
RW - 1	02/11/09	3498.89	-	24.90	0.00	3473.99
RW - 1	02/24/09	3498.89	-	24.91	0.00	3473.98
RW - 1	03/04/09	3498.89	-	24.85	0.00	3474.04
RW - 1	03/17/09	3498.89	-	24.94	0.00	3473.95
RW - 1	03/25/09	3498.89	-	24.85	0.00	3474.04
RW - 1	04/08/09	3498.89	-	24.88	0.00	3474.01
RW - 1	04/15/09	3498.89	-	24.96	0.00	3473.93
RW - 1	04/29/09	3498.89	-	24.94	0.00	3473.95
RW - 1	05/13/09	3498.89	-	24.93	0.00	3473.96
RW - 1	06/01/09	3498.89	-	25.80	0.00	3473.09
RW - 1	06/10/09	3498.89	-	24.94	0.00	3473.95
RW - 1	06/12/09	3498.89	-	25.32	0.00	3473.57
RW - 1	06/18/09	3498.89	-	24.96	0.00	3473.93
RW - 1	06/24/09	3498.89	-	25.44	0.00	3473.45
RW - 1	07/02/09	3498.89	-	25.58	0.00	3473.31

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	07/08/09	3498.89	-	24.91	0.00	3473.98
RW - 1	07/14/09	3498.89	-	25.61	0.00	3473.28
RW - 1	07/20/09	3498.89	-	25.63	0.00	3473.26
RW - 1	07/27/09	3498.89	-	25.64	0.00	3473.25
RW - 1	08/03/09	3498.89	-	25.60	0.00	3473.29
RW - 1	08/10/09	3498.89	-	25.75	0.00	3473.14
RW - 1	08/11/09	3498.89	-	25.75	0.00	3473.14
RW - 1	08/18/09	3498.89	-	25.79	0.00	3473.10
RW - 1	08/24/09	3498.89	-	25.85	0.00	3473.04
RW - 1	08/31/09	3498.89	-	25.99	0.00	3472.90
RW - 1	09/03/09	3498.89	-	25.89	0.00	3473.00
RW - 1	09/08/09	3498.89	-	26.16	0.00	3472.73
RW - 1	09/10/09	3498.89	-	26.11	0.00	3472.78
RW - 1	09/16/09	3498.89	-	25.98	0.00	3472.91
RW - 1	09/22/09	3498.89	-	26.18	0.00	3472.71
RW - 1	09/29/09	3498.89	-	25.64	0.00	3473.25
RW - 1	10/02/09	3498.89	-	26.25	0.00	3472.64
RW - 1	10/07/09	3498.89	-	26.04	0.00	3472.85
RW - 1	10/12/09	3498.89	-	24.90	0.00	3473.99
RW - 1	10/16/09	3498.89	-	26.11	0.00	3472.78
RW - 1	10/20/09	3498.89	-	24.91	0.00	3473.98
RW - 1	10/26/09	3498.89	-	24.91	0.00	3473.98
RW - 1	10/28/09	3498.89	-	26.03	0.00	3472.86
RW - 1	11/04/09	3498.89	-	26.22	0.00	3472.67
RW - 1	11/12/09	3498.89	-	26.06	0.00	3472.83
RW - 1	11/23/09	3498.89	-	26.05	0.00	3472.84
RW - 1	12/03/09	3498.89	-	26.15	0.00	3472.74
RW - 1	12/16/09	3498.89	-	26.08	0.00	3472.81
RW - 1	12/21/09	3498.89	-	26.08	0.00	3472.81
RW - 1	12/28/09	3498.89	-	24.90	0.00	3473.99
RW - 1	01/05/10	3498.89	-	26.08	0.00	3472.81
RW - 1	01/20/10	3498.89	-	24.88	0.00	3474.01
RW - 1	01/25/10	3498.89	-	24.87	0.00	3474.02
RW - 1	01/27/10	3498.89	-	26.15	0.00	3472.74
RW - 1	02/10/10	3498.89	-	26.15	0.00	3472.74
RW - 1	03/01/10	3498.89	-	24.86	0.00	3474.03
RW - 1	03/09/10	3498.89	-	26.11	0.00	3472.78
RW - 1	03/11/10	3498.89	-	26.17	0.00	3472.72
RW - 1	05/25/10	3498.89	-	25.63	0.00	3473.26
RW - 1	06/07/10	3498.89	-	25.96	0.00	3472.93
RW - 1	06/12/10	3498.89	-	26.05	0.00	3472.84
RW - 1	06/25/10	3498.89	-	26.16	0.00	3472.73
RW - 1	07/07/10	3498.89	-	25.90	0.00	3472.99
RW - 1	07/12/10	3498.89	-	25.51	0.00	3473.38
RW - 1	07/26/10	3498.89	DID NOT GAUGE		0.00	3498.89
RW - 1	08/03/10	3498.89	-	25.20	0.00	3473.69

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	08/13/10	3498.89	-	25.16	0.00	3473.73
RW - 1	08/19/10	3498.89	-	25.15	0.00	3473.74
RW - 1	08/25/10	3498.89	-	25.20	0.00	3473.69
RW - 1	09/01/10	3498.89	-	25.77	0.00	3473.12
RW - 1	09/09/10	3498.89	-	25.17	0.00	3473.72
RW - 1	09/13/10	3498.89	-	25.15	0.00	3473.74
RW - 1	09/29/10	3498.89	-	25.21	0.00	3473.68
RW - 1	10/05/10	3498.89	-	25.16	0.00	3473.73
RW - 1	10/25/10	3498.89	sheen	25.15	0.00	3473.74
RW - 1	11/03/10	3498.89	sheen	25.17	0.00	3473.72
RW - 1	11/10/10	3498.89	sheen	25.26	0.00	3473.63
RW - 1	11/18/10	3498.89	sheen	25.26	0.00	3473.63
RW - 1	12/09/10	3498.89	sheen	25.10	0.00	3473.79
RW - 1	01/18/11	3498.89	sheen	25.26	0.00	3473.63
RW - 1	02/22/11	3498.89	sheen	25.24	0.00	3473.65
RW - 1	03/01/11	3498.89	sheen	25.45	0.00	3473.44
RW - 1	03/07/11	3498.89	sheen	25.40	0.00	3473.49
RW - 1	03/22/11	3498.89	sheen	25.22	0.00	3473.67
RW - 1	04/27/11	3498.89	sheen	25.64	0.00	3473.25
RW - 1	05/05/11	3498.89	sheen	25.71	0.00	3473.18
RW - 1	05/10/11	3498.89	-	25.60	0.00	3473.29
RW - 1	05/17/11	3498.89	sheen	25.68	0.00	3473.21
RW - 1	05/17/11	3498.89	-	25.68	0.00	3473.21
RW - 1	05/24/11	3498.89	sheen	25.73	0.00	3473.16
RW - 1	06/07/11	3498.89	-	25.84	0.00	3473.05
RW - 1	06/14/11	3498.89	-	25.98	0.00	3472.91
RW - 1	06/23/11	3498.89	-	25.93	0.00	3472.96
RW - 1	06/28/11	3498.89	-	26.01	0.00	3472.88
RW - 1	07/06/11	3498.89	sheen	26.41	0.00	3472.48
RW - 1	07/14/11	3498.89	-	26.42	0.00	3472.47
RW - 1	07/27/11	3498.89	-	26.43	0.00	3472.46
RW - 1	08/11/11	3498.89	-	26.82	0.00	3472.07
RW - 1	08/18/11	3498.89	-	26.71	0.00	3472.18
RW - 1	08/25/11	3498.89	-	26.81	0.00	3472.08
RW - 1	09/02/11	3498.89	-	26.87	0.00	3472.02
RW - 1	09/09/11	3498.89	-	26.99	0.00	3471.90
RW - 1	11/08/11	3498.89	-	26.98	0.00	3471.91
RW - 1	12/28/11	3498.89	-	26.80	0.00	3472.09
RW - 1	01/05/12	3498.89	-	26.76	0.00	3472.13
RW - 1	01/18/12	3498.89	-	26.75	0.00	3472.14
RW - 1	01/27/12	3498.89	-	26.72	0.00	3472.17
RW - 1	02/02/12	3498.89	-	26.79	0.00	3472.10
RW - 1	02/10/12	3498.89	-	26.75	0.00	3472.14
RW - 1	02/15/12	3498.89	-	27.39	0.00	3471.50
RW - 1	03/01/12	3498.89	-	26.54	0.00	3472.35
RW - 1	03/07/12	3498.89	-	26.57	0.00	3472.32

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	03/14/12	3498.89	-	26.65	0.00	3472.24
RW - 1	03/19/12	3498.89	-	26.63	0.00	3472.26
RW - 1	03/26/12	3498.89	-	26.53	0.00	3472.36
RW - 1	04/04/12	3498.89	-	26.52	0.00	3472.37
RW - 1	04/11/12	3498.89	-	26.54	0.00	3472.35
RW - 1	04/25/12	3498.89	-	26.49	0.00	3472.40
RW - 1	05/23/12	3498.89	-	26.63	0.00	3472.26
RW - 1	05/31/12	3498.89	-	26.75	0.00	3472.14
RW - 1	06/06/12	3498.89	-	26.80	0.00	3472.09
RW - 1	06/13/12	3498.89	-	27.40	0.00	3471.49
RW - 1	06/20/12	3498.89	-	27.36	0.00	3471.53
RW - 1	07/18/12	3498.89	-	26.85	0.00	3472.04
RW - 1	08/02/12	3498.89	-	27.23	0.00	3471.66
RW - 1	08/09/12	3498.89	-	27.26	0.00	3471.63
RW - 1	08/16/12	3498.89	-	27.36	0.00	3471.53
RW - 1	10/02/12	3498.89	-	27.58	0.00	3471.31
RW - 1	10/10/12	3498.89	-	27.40	0.00	3471.49
RW - 1	10/17/12	3498.89	-	27.27	0.00	3471.62
RW - 1	10/26/12	3498.89	-	27.30	0.00	3471.59
RW - 1	11/01/12	3498.89	-	28.12	0.00	3470.77
RW - 1	11/19/12	3498.89	-	27.14	0.00	3471.75
RW - 1	12/13/12	3498.89	-	27.19	0.00	3471.70
RW - 1	12/18/12	3498.89	-	27.00	0.00	3471.89
RW - 1	01/08/13	3498.89	-	26.96	0.00	3471.93
RW - 1	01/16/13	3498.89	-	27.08	0.00	3471.81
RW - 1	01/24/13	3498.89	-	27.08	0.00	3471.81
RW - 1	01/30/13	3498.89	-	27.11	0.00	3471.78
RW - 1	02/12/13	3498.89	-	27.11	0.00	3471.78
RW - 1	03/19/13	3498.89	26.99	27.00	0.01	3471.90
RW - 1	04/02/13	3498.89	-	26.96	0.00	3471.93
RW - 1	04/08/13	3498.89	-	26.85	0.00	3472.04
RW - 1	04/16/13	3498.89	-	27.02	0.00	3471.87
RW - 1	04/23/13	3498.89	-	27.05	0.00	3471.84
RW - 1	05/01/13	3498.89	-	26.92	0.00	3471.97
RW - 1	05/08/13	3498.89	-	26.91	0.00	3471.98
RW - 1	05/15/13	3498.89	-	26.82	0.00	3472.07
RW - 1	05/17/13	3498.89	-	26.91	0.00	3471.98
RW - 1	05/23/13	3498.89	27.02	27.04	0.02	3471.87
RW - 1	05/23/13	3498.89	-	29.03	0.00	3469.86
RW - 1	05/29/13	3498.89	-	27.04	0.00	3471.85
RW - 1	06/12/13	3498.89	-	27.41	0.00	3471.48
RW - 1	06/19/13	3498.89	-	27.45	0.00	3471.44
RW - 1	06/27/13	3498.89	-	27.60	0.00	3471.29
RW - 1	07/02/13	3498.89	-	27.64	0.00	3471.25
RW - 1	07/08/13	3498.89	-	27.73	0.00	3471.16
RW - 1	07/15/13	3498.89	-	27.77	0.00	3471.12

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	07/23/13	3498.89	-	27.70	0.00	3471.19
RW - 1	07/29/13	3498.89	-	27.77	0.00	3471.12
RW - 1	08/07/13	3498.89	-	27.72	0.00	3471.17
RW - 1	08/15/13	3498.89	-	27.82	0.00	3471.07
RW - 1	08/20/13	3498.89	-	27.77	0.00	3471.12
RW - 1	08/28/13	3498.89	-	27.82	0.00	3471.07
RW - 1	09/05/13	3498.89	-	27.97	0.00	3470.92
RW - 1	09/09/13	3498.89	-	27.85	0.00	3471.04
RW - 1	09/18/13	3498.89	-	27.95	0.00	3470.94
RW - 1	09/28/13	3498.89	-	28.05	0.00	3470.84
RW - 1	10/01/13	3498.89	-	27.89	0.00	3471.00
RW - 1	10/08/13	3498.89	-	27.94	0.00	3470.95
RW - 1	10/14/13	3498.89	-	27.97	0.00	3470.92
RW - 1	10/23/13	3498.89	-	27.78	0.00	3471.11
RW - 1	10/29/13	3498.89	-	27.64	0.00	3471.25
RW - 1	11/16/13	3498.89	-	27.56	0.00	3471.33
RW - 1	11/27/13	3498.89	-	27.65	0.00	3471.24
RW - 1	12/02/13	3498.89	-	27.50	0.00	3471.39
RW - 1	12/14/13	3498.89	-	27.67	0.00	3471.22
RW - 1	12/19/13	3498.89	-	27.40	0.00	3471.49
RW - 1	12/24/13	3498.89	-	27.54	0.00	3471.35
RW - 1	01/02/14	3498.89	-	27.50	0.00	3471.39
RW - 1	01/07/14	3498.89	-	27.39	0.00	3471.50
RW - 1	01/14/14	3498.89	-	27.52	0.00	3471.37
RW - 1	01/21/14	3498.89	-	27.35	0.00	3471.54
RW - 1	01/31/14	3498.89	-	27.41	0.00	3471.48
RW - 1	02/10/14	3498.89	-	27.39	0.00	3471.50
RW - 1	02/27/14	3498.89	-	27.32	0.00	3471.57
RW - 1	03/06/14	3498.89	-	27.38	0.00	3471.51
RW - 1	03/13/14	3498.89	-	27.49	0.00	3471.40
RW - 1	03/25/14	3498.89	-	27.48	0.00	3471.41
RW - 1	04/03/14	3498.89	-	27.36	0.00	3471.53
RW - 1	04/07/14	3498.89	-	27.37	0.00	3471.52
RW - 1	04/14/14	3498.89	-	27.50	0.00	3471.39
RW - 1	04/23/14	3498.89	-	27.23	0.00	3471.66
RW - 1	04/28/14	3498.89	-	28.59	0.00	3470.30
RW - 1	05/05/14	3498.89	-	27.34	0.00	3471.55
RW - 1	05/14/14	3498.89	-	27.46	0.00	3471.43
RW - 1	05/22/14	3498.89	-	27.50	0.00	3471.39
RW - 1	05/28/14	3498.89	-	27.58	0.00	3471.31
RW - 1	06/02/14	3498.89	-	27.64	0.00	3471.25
RW - 1	06/12/14	3498.89	-	28.19	0.00	3470.70
RW - 1	06/17/14	3498.89	-	28.00	0.00	3470.89
RW - 1	06/25/14	3498.89	-	28.08	0.00	3470.81
RW - 1	06/30/14	3498.89	-	28.40	0.00	3470.49
RW - 1	07/11/14	3498.89	-	28.24	0.00	3470.65

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	07/14/14	3498.89	-	28.15	0.00	3470.74
RW - 1	07/22/14	3498.89	-	28.34	0.00	3470.55
RW - 1	07/23/14	3498.89	-	28.34	0.00	3470.55
RW - 1	08/05/14	3498.89	-	28.33	0.00	3470.56
RW - 1	08/12/14	3498.89	-	28.45	0.00	3470.44
RW - 1	08/13/14	3498.89	28.32	28.33	0.01	3470.57
RW - 1	08/27/14	3498.89	28.53	28.54	0.01	3470.36
RW - 1	09/17/14	3498.89	-	28.05	0.00	3470.84
RW - 1	09/23/14	3498.89	-	27.82	0.00	3471.07
RW - 1	10/10/14	3498.89	-	27.03	0.00	3471.86
RW - 1	10/15/14	3498.89	-	27.10	0.00	3471.79
RW - 1	10/20/14	98.+C5679:C5681	-	28.80	0.00	-28.80
RW - 1	10/27/14	3498.89	-	26.76	0.00	3472.13
RW - 1	11/04/14	3498.89	-	26.81	0.00	3472.08
RW - 1	11/06/14	3498.89	-	26.82	0.00	3472.07
RW - 1	11/11/14	3498.89	-	26.71	0.00	3472.18
RW - 1	11/18/14	3498.89	-	26.67	0.00	3472.22
RW - 1	12/02/14	3498.89	-	26.47	0.00	3472.42
RW - 1	12/09/14	3498.89	-	26.31	0.00	3472.58
RW - 1	12/17/14	3498.89	-	26.36	0.00	3472.53
RW - 1	12/23/14	3498.89	-	26.50	0.00	3472.39
RW - 1	12/30/14	3498.89	-	26.58	0.00	3472.31
RW - 2	12/04/02	3498.99	28.10	28.12	0.02	3470.89
RW - 2	01/07/03	3498.99	27.44	27.67	0.23	3471.52
RW - 2	01/27/03	3498.99	27.27	27.48	0.21	3471.69
RW - 2	02/25/03	3498.99	27.18	27.42	0.24	3471.77
RW - 2	03/06/03	3498.99	27.34	27.71	0.37	3471.59
RW - 2	03/11/03	3498.99	27.28	28.57	1.29	3471.52
RW - 2	03/20/03	3498.99	27.40	27.80	0.40	3471.53
RW - 2	04/02/03	3498.99	27.22	27.61	0.39	3471.71
RW - 2	04/16/03	3498.99	27.27	27.73	0.46	3471.65
RW - 2	04/23/02	3498.99	27.17	27.64	0.47	3471.75
RW - 2	04/29/03	3498.99	27.23	27.70	0.47	3471.69
RW - 2	05/15/03	3498.99	27.32	27.87	0.55	3471.59
RW - 2	05/22/03	3498.99	27.44	28.03	0.59	3471.46
RW - 2	05/28/03	3498.99	27.67	29.32	1.65	3471.07
RW - 2	06/04/03	3498.99	27.50	28.20	0.70	3471.39
RW - 2	06/10/03	3498.99	28.35	29.67	1.32	3470.44
RW - 2	06/26/03	3498.99	-	27.89	0.00	3471.10
RW - 2	07/07/03	3498.99	28.10	28.93	0.83	3470.77
RW - 2	07/30/03	3498.99	28.08	28.89	0.81	3470.79
RW - 2	08/05/03	3498.99	28.44	29.40	0.96	3470.41
RW - 2	08/21/03	3498.99	28.63	29.71	1.08	3470.20
RW - 2	08/26/03	3498.99	28.67	29.75	1.08	3470.16
RW - 2	09/08/03	3498.99	28.74	29.90	1.16	3470.08

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	09/15/03	3498.99	29.97	30.66	0.69	3468.92
RW - 2	09/24/03	3498.99	28.74	30.67	1.93	3469.96
RW - 2	10/02/03	3498.99	28.72	29.85	1.13	3470.10
RW - 2	10/08/03	3498.99	28.64	29.80	1.16	3470.18
RW - 2	10/16/03	3498.99	28.98	30.17	1.19	3469.83
RW - 2	10/28/03	3498.99	29.02	29.67	0.65	3469.87
RW - 2	11/11/03	3498.99	29.24	29.65	0.41	3469.69
RW - 2	11/18/03	3498.99	28.95	29.53	0.58	3469.95
RW - 2	11/25/03	3498.99	28.64	29.10	0.46	3470.28
RW - 2	12/08/03	3498.99	28.73	29.17	0.44	3470.19
RW - 2	02/20/04	3498.99	28.99	29.46	0.47	3469.93
RW - 2	03/16/04	3498.99	29.07	29.46	0.39	3469.86
RW - 2	03/25/04	3498.99	29.04	29.48	0.44	3469.88
RW - 2	03/31/05	3498.99	29.07	29.46	0.39	3469.86
RW - 2	04/08/04	3498.99	22.89	23.44	0.55	3476.02
RW - 2	04/14/05	3498.99	24.81	25.62	0.81	3474.06
RW - 2	04/29/05	3498.99	25.42	26.32	0.90	3473.44
RW - 2	05/05/04	3498.99	25.89	26.80	0.91	3472.96
RW - 2	05/10/04	3498.99	25.77	26.46	0.69	3473.12
RW - 2	06/08/04	3498.99	25.99	26.99	1.00	3472.85
RW - 2	06/17/04	3498.99	26.22	27.28	1.06	3472.61
RW - 2	06/22/04	3498.99	26.26	27.24	0.98	3472.58
RW - 2	06/25/04	3498.99	26.22	27.30	1.08	3472.61
RW - 2	06/29/04	3498.99	26.17	27.27	1.10	3472.66
RW - 2	07/01/04	3498.99	26.19	27.35	1.16	3472.63
RW - 2	07/08/04	3498.99	26.18	27.29	1.11	3472.64
RW - 2	07/13/04	3498.99	26.23	27.37	1.14	3472.59
RW - 2	07/20/04	3498.99	26.34	27.74	1.40	3472.44
RW - 2	08/04/04	3498.99	26.36	27.75	1.39	3472.42
RW - 2	08/10/04	3498.99	26.39	27.74	1.35	3472.40
RW - 2	08/17/04	3498.99	26.59	28.10	1.51	3472.17
RW - 2	08/23/04	3498.99	26.46	26.90	0.44	3472.46
RW - 2	08/25/04	3498.99	26.55	27.20	0.65	3472.34
RW - 2	08/31/04	3498.99	26.65	27.35	0.70	3472.24
RW - 2	09/13/04	3498.99	26.73	27.19	0.46	3472.19
RW - 2	09/20/04	3498.99	26.80	27.29	0.49	3472.12
RW - 2	09/30/04	3498.99	26.95	27.21	0.26	3472.00
RW - 2	10/04/04	3498.99	25.12	25.27	0.15	3473.85
RW - 2	10/11/04	3498.99	24.98	25.22	0.24	3473.97
RW - 2	10/18/04	3498.99	sheen	25.23	0.00	3473.76
RW - 2	10/27/04	3498.99	sheen	25.50	0.00	3473.49
RW - 2	11/02/04	3498.99	sheen	25.39	0.00	3473.60
RW - 2	11/08/04	3498.99	sheen	25.35	0.00	3473.64
RW - 2	11/23/04	3498.99	24.84	24.85	0.01	3474.15
RW - 2	12/01/04	3498.99	sheen	24.66	0.00	3474.33
RW - 2	12/02/04	3498.99	sheen	24.66	0.00	3474.33

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	12/08/04	3498.99	sheen	24.64	0.00	3474.35
RW - 2	12/14/04	3498.99	sheen	24.80	0.00	3474.19
RW - 2	12/21/04	3498.99	sheen	24.72	0.00	3474.27
RW - 2	12/29/04	3498.99	sheen	24.73	0.00	3474.26
RW - 2	01/11/05	3498.99	sheen	24.66	0.00	3474.33
RW - 2	01/14/05	3498.99	sheen	24.96	0.00	3474.03
RW - 2	01/18/05	3498.99	sheen	24.72	0.00	3474.27
RW - 2	01/21/05	3498.99	sheen	24.67	0.00	3474.32
RW - 2	01/25/05	3498.99	sheen	24.68	0.00	3474.31
RW - 2	01/28/05	3498.99	sheen	24.65	0.00	3474.34
RW - 2	02/02/05	3498.99	sheen	24.75	0.00	3474.24
RW - 2	02/05/05	3498.99	sheen	24.69	0.00	3474.30
RW - 2	02/08/05	3498.99	sheen	24.65	0.00	3474.34
RW - 2	02/11/05	3498.99	sheen	24.61	0.00	3474.38
RW - 2	02/15/05	3498.99	sheen	24.72	0.00	3474.27
RW - 2	02/18/05	3498.99	sheen	24.75	0.00	3474.24
RW - 2	02/22/05	3498.99	sheen	24.66	0.00	3474.33
RW - 2	02/25/05	3498.99	sheen	24.92	0.00	3474.07
RW - 2	03/01/05	3498.99	sheen	24.77	0.00	3474.22
RW - 2	03/04/05	3498.99	sheen	24.91	0.00	3474.08
RW - 2	03/08/05	3498.99	sheen	24.57	0.00	3474.42
RW - 2	03/10/05	3498.99	sheen	24.57	0.00	3474.42
RW - 2	03/11/05	3498.99	sheen	24.60	0.00	3474.39
RW - 2	03/15/05	3498.99	sheen	25.80	0.00	3473.19
RW - 2	03/19/05	3498.99	sheen	25.80	0.00	3473.19
RW - 2	03/22/05	3498.99	sheen	25.08	0.00	3473.91
RW - 2	03/28/05	3498.99	sheen	24.42	0.00	3474.57
RW - 2	04/01/05	3498.99	sheen	24.65	0.00	3474.34
RW - 2	04/05/05	3498.99	sheen	24.47	0.00	3474.52
RW - 2	04/08/05	3498.99	sheen	24.50	0.00	3474.49
RW - 2	04/12/05	3498.99	sheen	24.54	0.00	3474.45
RW - 2	04/15/05	3498.99	sheen	24.49	0.00	3474.50
RW - 2	05/25/05	3498.99	sheen	24.31	0.00	3474.68
RW - 2	06/03/05	3498.99	24.13	24.14	0.01	3474.86
RW - 2	06/06/05	3498.99	sheen	24.10	0.00	3474.89
RW - 2	06/10/05	3498.99	24.07	24.08	0.01	3474.92
RW - 2	06/13/05	3498.99	sheen	24.38	0.00	3474.61
RW - 2	06/20/05	3498.99	sheen	24.33	0.00	3474.66
RW - 2	06/24/05	3498.99	sheen	24.31	0.00	3474.68
RW - 2	06/27/05	3498.99	24.27	24.28	0.01	3474.72
RW - 2	07/18/05	3498.99	sheen	24.56	0.00	3474.43
RW - 2	07/25/05	3498.99	sheen	24.62	0.00	3474.37
RW - 2	08/01/05	3498.99	24.66	24.67	0.01	3474.33
RW - 2	08/10/05	3498.99	24.89	24.90	0.01	3474.10
RW - 2	08/16/05	3498.99	sheen	24.56	0.00	3474.43
RW - 2	08/23/05	3498.99	24.14	24.20	0.06	3474.84

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HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	08/29/05	3498.99	24.10	24.19	0.09	3474.88
RW - 2	09/06/05	3498.99	24.23	24.36	0.13	3474.74
RW - 2	09/09/05	3498.99	24.21	24.34	0.13	3474.76
RW - 2	09/12/05	3498.99	24.27	24.43	0.16	3474.70
RW - 2	09/19/05	3498.99	24.56	24.71	0.15	3474.41
RW - 2	09/27/05	3498.99	25.15	26.18	1.03	3473.69
RW - 2	10/03/05	3498.99	25.19	25.22	0.03	3473.80
RW - 2	10/10/05	3498.99	24.49	24.90	0.41	3474.44
RW - 2	10/17/05	3498.99	sheen	25.10	0.00	3473.89
RW - 2	10/24/05	3498.99	24.43	24.48	0.05	3474.55
RW - 2	11/01/05	3498.99	24.30	24.31	0.01	3474.69
RW - 2	11/08/05	3498.99	24.38	24.39	0.01	3474.61
RW - 2	11/15/05	3498.99	24.48	24.60	0.12	3474.49
RW - 2	11/22/05	3498.99	24.33	24.36	0.03	3474.66
RW - 2	11/27/05	3498.99	24.32	24.36	0.04	3474.66
RW - 2	12/05/05	3498.99	24.28	24.37	0.09	3474.70
RW - 2	12/07/05	3498.99	24.41	24.42	0.01	3474.58
RW - 2	12/16/05	3498.99	24.20	24.40	0.20	3474.76
RW - 2	12/29/05	3498.99	24.27	24.33	0.06	3474.71
RW - 2	01/03/06	3498.99	24.20	24.41	0.21	3474.76
RW - 2	01/09/06	3498.99	24.35	24.55	0.20	3474.61
RW - 2	01/16/06	3498.99	24.15	24.17	0.02	3474.84
RW - 2	01/23/06	3498.99	24.36	24.45	0.09	3474.62
RW - 2	01/30/06	3498.99	24.42	24.52	0.10	3474.56
RW - 2	02/07/06	3498.99	24.35	24.41	0.06	3474.63
RW - 2	02/09/06	3498.99	24.55	24.57	0.02	3474.44
RW - 2	02/14/06	3498.99	24.28	24.33	0.05	3474.70
RW - 2	02/21/06	3498.99	24.26	24.35	0.09	3474.72
RW - 2	02/27/06	3498.99	24.25	24.30	0.05	3474.73
RW - 2	03/06/06	3498.99	24.30	24.37	0.07	3474.68
RW - 2	03/09/06	3498.99	24.18	24.29	0.11	3474.79
RW - 2	03/17/06	3498.99	24.53	24.54	0.01	3474.46
RW - 2	03/21/06	3498.99	24.48	24.54	0.06	3474.50
RW - 2	03/28/06	3498.99	24.50	24.55	0.05	3474.48
RW - 2	04/03/06	3498.99	24.50	24.54	0.04	3474.48
RW - 2	04/10/06	3498.99	sheen	24.21	0.00	3474.78
RW - 2	04/17/06	3498.99	sheen	24.20	0.00	3474.79
RW - 2	05/01/06	3498.99	sheen	24.28	0.00	3474.71
RW - 2	05/08/06	3498.99	24.19	24.21	0.02	3474.80
RW - 2	05/15/06	3498.99	24.42	24.43	0.01	3474.57
RW - 2	06/01/06	3498.99	sheen	24.61	0.00	3474.38
RW - 2	06/05/06	3498.99	sheen	24.50	0.00	3474.49
RW - 2	06/08/06	3498.99	24.68	24.70	0.02	3474.31
RW - 2	06/12/06	3498.99	sheen	25.83	0.00	3473.16
RW - 2	06/19/06	3498.99	24.83	24.88	0.05	3474.15
RW - 2	07/03/06	3498.99	sheen	25.00	0.00	3473.99

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	07/10/06	3498.99	24.90	24.96	0.06	3474.08
RW - 2	07/17/06	3498.99	24.56	24.58	0.02	3474.43
RW - 2	07/26/06	3498.99	24.83	24.87	0.04	3474.15
RW - 2	07/31/06	3498.99	24.91	24.99	0.08	3474.07
RW - 2	08/07/06	3498.99	26.11	26.29	0.18	3472.85
RW - 2	08/17/06	3498.99	24.73	24.77	0.04	3474.25
RW - 2	08/21/06	3498.99	24.55	24.57	0.02	3474.44
RW - 2	09/06/06	3498.99	24.05	24.09	0.04	3474.93
RW - 2	09/11/06	3498.99	24.14	24.21	0.07	3474.84
RW - 2	09/15/06	3498.99	24.16	24.20	0.04	3474.82
RW - 2	10/02/06	3498.99	24.19	24.21	0.02	3474.80
RW - 2	10/09/06	3498.99	24.27	24.34	0.07	3474.71
RW - 2	10/17/06	3498.99	24.25	24.31	0.06	3474.73
RW - 2	10/23/06	3498.99	sheen	24.30	0.00	3474.69
RW - 2	10/30/06	3498.99	sheen	24.26	0.00	3474.73
RW - 2	11/06/06	3498.99	sheen	24.24	0.00	3474.75
RW - 2	11/13/06	3498.99	sheen	24.21	0.00	3474.78
RW - 2	11/20/06	3498.99	sheen	24.29	0.00	3474.70
RW - 2	11/27/06	3498.99	sheen	24.25	0.00	3474.74
RW - 2	11/29/06	3498.99	sheen	24.26	0.00	3474.73
RW - 2	12/04/06	3498.99	sheen	24.28	0.00	3474.71
RW - 2	12/12/06	3498.99	sheen	24.29	0.00	3474.70
RW - 2	12/18/06	3498.99	sheen	24.45	0.00	3474.54
RW - 2	01/04/07	3498.99	sheen	24.21	0.00	3474.78
RW - 2	01/11/07	3498.99	sheen	24.25	0.00	3474.74
RW - 2	01/18/07	3498.99	sheen	24.41	0.00	3474.58
RW - 2	01/22/07	3498.99	sheen	24.40	0.00	3474.59
RW - 2	01/31/07	3498.99	sheen	24.12	0.00	3474.87
RW - 2	02/07/07	3498.99	24.21	24.24	0.03	3474.78
RW - 2	02/14/07	3498.99	24.19	24.20	0.01	3474.80
RW - 2	02/26/07	3498.99	sheen	24.19	0.00	3474.80
RW - 2	03/07/07	3498.99	24.30	24.39	0.09	3474.68
RW - 2	04/03/07	3498.99	24.12	24.18	0.06	3474.86
RW - 2	04/09/07	3498.99	24.89	24.90	0.01	3474.10
RW - 2	04/17/07	3498.99	23.96	23.98	0.02	3475.03
RW - 2	05/01/07	3498.99	sheen	24.00	0.00	3474.99
RW - 2	05/07/07	3498.99	sheen	24.01	0.00	3474.98
RW - 2	05/21/07	3498.99	sheen	23.69	0.00	3475.30
RW - 2	07/03/07	3498.99	sheen	25.02	0.00	3473.97
RW - 2	07/30/07	3498.99	sheen	24.22	0.00	3474.77
RW - 2	08/06/07	3498.99	sheen	24.33	0.00	3474.66
RW - 2	08/16/07	3498.99	sheen	24.46	0.00	3474.53
RW - 2	09/13/07	3498.99	sheen	24.02	0.00	3474.97
RW - 2	09/18/07	3498.99	sheen	23.89	0.00	3475.10
RW - 2	09/24/07	3498.99	sheen	24.00	0.00	3474.99
RW - 2	10/01/07	3498.99	sheen	24.06	0.00	3474.93

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	10/08/07	3498.99	sheen	24.12	0.00	3474.87
RW - 2	10/15/07	3498.99	sheen	24.55	0.00	3474.44
RW - 2	11/07/07	3498.99	sheen	24.24	0.00	3474.75
RW - 2	12/14/07	3498.99	sheen	24.21	0.00	3474.78
RW - 2	01/09/08	3498.99	-	24.01	0.00	3474.98
RW - 2	01/16/08	3498.99	-	24.21	0.00	3474.78
RW - 2	01/23/08	3498.99	-	24.57	0.00	3474.42
RW - 2	02/08/08	3498.99	-	24.57	0.00	3474.42
RW - 2	02/12/08	3498.99	-	24.22	0.00	3474.77
RW - 2	02/22/08	3498.99	-	24.25	0.00	3474.74
RW - 2	03/05/08	3498.99	-	24.24	0.00	3474.75
RW - 2	05/14/08	3498.99	-	24.37	0.00	3474.62
RW - 2	06/23/08	3498.99	-	25.07	0.00	3473.92
RW - 2	08/18/08	3498.99	-	25.45	0.00	3473.54
RW - 2	09/17/08	3498.99	-	24.98	0.00	3474.01
RW - 2	09/29/08	3498.99	-	24.90	0.00	3474.09
RW - 2	10/06/08	3498.99	sheen	24.94	0.00	3474.05
RW - 2	10/13/08	3498.99	sheen	25.09	0.00	3473.90
RW - 2	10/20/08	3498.99	sheen	24.79	0.00	3474.20
RW - 2	10/29/08	3498.99	sheen	24.76	0.00	3474.23
RW - 2	11/05/08	3498.99	sheen	24.82	0.00	3474.17
RW - 2	11/10/08	3498.99	sheen	24.82	0.00	3474.17
RW - 2	11/13/08	3498.99	sheen	24.71	0.00	3474.28
RW - 2	12/03/08	3498.99	sheen	24.90	0.00	3474.09
RW - 2	12/16/08	3498.99	sheen	24.89	0.00	3474.10
RW - 2	12/30/08	3498.99	sheen	24.74	0.00	3474.25
RW - 2	01/06/09	3498.99			0.00	3498.99
RW - 2	02/11/09	3498.99	-	24.84	0.00	3474.15
RW - 2	02/24/09	3498.99	-	24.90	0.00	3474.09
RW - 2	03/04/09	3498.99	-	24.91	0.00	3474.08
RW - 2	03/17/09	3498.99	-	24.92	0.00	3474.07
RW - 2	03/25/09	3498.99	-	24.79	0.00	3474.20
RW - 2	04/08/09	3498.99	-	24.89	0.00	3474.10
RW - 2	04/15/09	3498.99	-	24.91	0.00	3474.08
RW - 2	04/29/09	3498.99	-	24.92	0.00	3474.07
RW - 2	05/13/09	3498.99	-	24.90	0.00	3474.09
RW - 2	06/01/09	3498.99	-	25.26	0.00	3473.73
RW - 2	06/10/09	3498.99	-	24.91	0.00	3474.08
RW - 2	06/12/09	3498.99	-	25.21	0.00	3473.78
RW - 2	06/18/09	3498.99	-	24.93	0.00	3474.06
RW - 2	06/24/09	3498.99	-	25.34	0.00	3473.65
RW - 2	07/02/09	3498.99	-	25.47	0.00	3473.52
RW - 2	07/08/09	3498.99	-	24.83	0.00	3474.16
RW - 2	07/14/09	3498.99	-	25.58	0.00	3473.41
RW - 2	07/20/09	3498.99	-	25.59	0.00	3473.40
RW - 2	07/27/09	3498.99	-	25.60	0.00	3473.39

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	08/03/09	3498.99	-	26.65	0.00	3472.34
RW - 2	08/10/09	3498.99	-	25.72	0.00	3473.27
RW - 2	08/11/09	3498.99	-	25.72	0.00	3473.27
RW - 2	08/18/09	3498.99	-	25.70	0.00	3473.29
RW - 2	08/24/09	3498.99	-	25.74	0.00	3473.25
RW - 2	08/31/09	3498.99	-	25.86	0.00	3473.13
RW - 2	09/03/09	3498.99	-	25.80	0.00	3473.19
RW - 2	09/08/09	3498.99	-	25.93	0.00	3473.06
RW - 2	09/10/09	3498.99	-	21.00	0.00	3477.99
RW - 2	09/16/09	3498.99	-	25.92	0.00	3473.07
RW - 2	09/22/09	3498.99	-	26.12	0.00	3472.87
RW - 2	09/29/09	3498.99	-	25.62	0.00	3473.37
RW - 2	10/02/09	3498.99	-	26.02	0.00	3472.97
RW - 2	10/07/09	3498.99	-	25.98	0.00	3473.01
RW - 2	10/12/09	3498.99	-	24.83	0.00	3474.16
RW - 2	10/16/09	3498.99	-	21.01	0.00	3477.98
RW - 2	10/20/09	3498.99	-	24.82	0.00	3474.17
RW - 2	10/26/09	3498.99	-	24.82	0.00	3474.17
RW - 2	10/28/09	3498.99	-	25.94	0.00	3473.05
RW - 2	11/04/09	3498.99	-	26.12	0.00	3472.87
RW - 2	11/12/09	3498.99	-	26.36	0.00	3472.63
RW - 2	11/23/09	3498.99	-	25.99	0.00	3473.00
RW - 2	12/03/09	3498.99	-	26.10	0.00	3472.89
RW - 2	12/16/09	3498.99	-	26.13	0.00	3472.86
RW - 2	12/21/09	3498.99	-	26.01	0.00	3472.98
RW - 2	12/28/09	3498.99	-	24.84	0.00	3474.15
RW - 2	01/05/10	3498.99	-	26.07	0.00	3472.92
RW - 2	01/20/10	3498.99	-	24.83	0.00	3474.16
RW - 2	01/25/10	3498.99	-	24.81	0.00	3474.18
RW - 2	01/27/10	3498.99	-	26.10	0.00	3472.89
RW - 2	02/10/10	3498.99	-	26.08	0.00	3472.91
RW - 2	03/01/10	3498.99	-	24.80	0.00	3474.19
RW - 2	03/09/10	3498.99	-	26.06	0.00	3472.93
RW - 2	03/11/10	3498.99	-	26.13	0.00	3472.86
RW - 2	05/25/10	3498.99	-	26.51	0.00	3472.48
RW - 2	06/07/10	3498.99	-	26.63	0.00	3472.36
RW - 2	06/12/10	3498.99	-	26.73	0.00	3472.26
RW - 2	06/25/10	3498.99	-	26.86	0.00	3472.13
RW - 2	07/07/10	3498.99	-	26.60	0.00	3472.39
RW - 2	07/12/10	3498.99	-	26.20	0.00	3472.79
RW - 2	07/26/10	3498.99	DID NOT GAUGE		0.00	3498.99
RW - 2	08/03/10	3498.99	-	25.95	0.00	3473.04
RW - 2	08/13/10	3498.99	-	25.90	0.00	3473.09
RW - 2	08/19/10	3498.99	-	25.87	0.00	3473.12
RW - 2	08/25/10	3498.99	-	25.87	0.00	3473.12
RW - 2	09/01/10	3498.99	-	25.11	0.00	3473.88

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	09/09/10	3498.99	-	25.86	0.00	3473.13
RW - 2	09/13/10	3498.99	-	25.91	0.00	3473.08
RW - 2	09/29/10	3498.99	-	25.87	0.00	3473.12
RW - 2	10/05/10	3498.99	-	25.90	0.00	3473.09
RW - 2	10/25/10	3498.99	-	25.91	0.00	3473.08
RW - 2	11/03/10	3498.99	sheen	25.91	0.00	3473.08
RW - 2	11/10/10	3498.99	sheen	26.00	0.00	3472.99
RW - 2	11/18/10	3498.99	sheen	26.00	0.00	3472.99
RW - 2	12/09/10	3498.99	sheen	25.95	0.00	3473.04
RW - 2	01/18/11	3498.99	sheen	26.01	0.00	3472.98
RW - 2	02/22/11	3498.99	sheen	26.03	0.00	3472.96
RW - 2	03/01/11	3498.99	sheen	26.22	0.00	3472.77
RW - 2	03/07/11	3498.99	sheen	26.07	0.00	3472.92
RW - 2	03/22/11	3498.99	sheen	26.04	0.00	3472.95
RW - 2	04/27/11	3498.99	sheen	26.35	0.00	3472.64
RW - 2	05/05/11	3498.99	sheen	26.33	0.00	3472.66
RW - 2	05/10/11	3498.99	-	26.35	0.00	3472.64
RW - 2	05/17/11	3498.99	-	26.31	0.00	3472.68
RW - 2	05/17/11	3498.99	sheen	26.31	0.00	3472.68
RW - 2	05/24/11	3498.99	sheen	26.28	0.00	3472.71
RW - 2	06/07/11	3498.99	-	26.40	0.00	3472.59
RW - 2	06/14/11	3498.99	-	26.60	0.00	3472.39
RW - 2	06/23/11	3498.99	-	26.40	0.00	3472.59
RW - 2	06/28/11	3498.99	-	26.69	0.00	3472.30
RW - 2	07/06/11	3498.99	sheen	27.10	0.00	3471.89
RW - 2	07/14/11	3498.99	sheen	27.09	0.00	3471.90
RW - 2	07/27/11	3498.99	-	27.05	0.00	3471.94
RW - 2	08/11/11	3498.99	-	27.40	0.00	3471.59
RW - 2	08/18/11	3498.99	-	27.35	0.00	3471.64
RW - 2	08/25/11	3498.99	-	27.42	0.00	3471.57
RW - 2	09/02/11	3498.99	-	27.54	0.00	3471.45
RW - 2	09/09/11	3498.99	-	27.56	0.00	3471.43
RW - 2	11/08/11	3498.99	-	27.60	0.00	3471.39
RW - 2	12/28/11	3498.99	-	27.51	0.00	3471.48
RW - 2	01/05/12	3498.99	-	27.49	0.00	3471.50
RW - 2	01/18/12	3498.99	-	27.34	0.00	3471.65
RW - 2	01/27/12	3498.99	-	27.44	0.00	3471.55
RW - 2	02/02/12	3498.99	-	27.35	0.00	3471.64
RW - 2	02/10/12	3498.99	-	27.44	0.00	3471.55
RW - 2	02/15/12	3498.99	-	26.66	0.00	3472.33
RW - 2	03/01/12	3498.99	-	27.21	0.00	3471.78
RW - 2	03/07/12	3498.99	-	27.30	0.00	3471.69
RW - 2	03/14/12	3498.99	-	27.38	0.00	3471.61
RW - 2	03/19/12	3498.99	-	27.34	0.00	3471.65
RW - 2	03/26/12	3498.99	-	27.26	0.00	3471.73
RW - 2	04/04/12	3498.99	-	27.27	0.00	3471.72

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	04/11/12	3498.99	-	27.27	0.00	3471.72
RW - 2	04/25/12	3498.99	-	27.20	0.00	3471.79
RW - 2	05/23/12	3498.99	-	27.23	0.00	3471.76
RW - 2	05/31/12	3498.99	-	27.35	0.00	3471.64
RW - 2	06/06/12	3498.99	-	27.49	0.00	3471.50
RW - 2	06/13/12	3498.99	-	27.65	0.00	3471.34
RW - 2	06/20/12	3498.99	-	27.61	0.00	3471.38
RW - 2	07/18/12	3498.99	-	27.52	0.00	3471.47
RW - 2	08/02/12	3498.99	-	27.96	0.00	3471.03
RW - 2	08/09/12	3498.99	-	28.01	0.00	3470.98
RW - 2	08/16/12	3498.99	-	28.09	0.00	3470.90
RW - 2	10/02/12	3498.99	-	28.30	0.00	3470.69
RW - 2	10/10/12	3498.99	-	28.07	0.00	3470.92
RW - 2	10/17/12	3498.99	-	28.01	0.00	3470.98
RW - 2	10/26/12	3498.99	-	28.26	0.00	3470.73
RW - 2	11/01/12	3498.99	-	27.25	0.00	3471.74
RW - 2	11/19/12	3498.99	-	27.83	0.00	3471.16
RW - 2	12/13/12	3498.99	-	27.92	0.00	3471.07
RW - 2	12/18/12	3498.99	-	27.68	0.00	3471.31
RW - 2	01/08/13	3498.99	-	27.71	0.00	3471.28
RW - 2	01/16/13	3498.99	-	27.80	0.00	3471.19
RW - 2	01/24/13	3498.99	-	27.82	0.00	3471.17
RW - 2	01/30/13	3498.99	-	27.86	0.00	3471.13
RW - 2	02/12/13	3498.99	-	27.81	0.00	3471.18
RW - 2	03/19/13	3498.99	27.72	27.73	0.01	3471.27
RW - 2	04/02/13	3498.99	-	27.69	0.00	3471.30
RW - 2	04/08/13	3498.99	-	27.54	0.00	3471.45
RW - 2	04/16/13	3498.99	27.64	27.67	0.03	3471.35
RW - 2	04/23/13	3498.99	-	27.87	0.00	3471.12
RW - 2	05/01/13	3498.99	-	27.87	0.00	3471.12
RW - 2	05/08/13	3498.99	-	27.71	0.00	3471.28
RW - 2	05/15/13	3498.99	-	27.71	0.00	3471.28
RW - 2	05/17/13	3498.99	-	27.72	0.00	3471.27
RW - 2	05/23/13	3498.99	-	27.78	0.00	3471.21
RW - 2	05/29/13	3498.99	-	27.79	0.00	3471.20
RW - 2	06/12/13	3498.99	-	28.12	0.00	3470.87
RW - 2	06/19/13	3498.99	-	28.14	0.00	3470.85
RW - 2	06/27/13	3498.99	-	28.39	0.00	3470.60
RW - 2	07/02/13	3498.99	-	28.34	0.00	3470.65
RW - 2	07/08/13	3498.99	-	28.40	0.00	3470.59
RW - 2	07/15/13	3498.99	-	28.50	0.00	3470.49
RW - 2	07/23/13	3498.99	-	28.32	0.00	3470.67
RW - 2	07/29/13	3498.99	-	28.32	0.00	3470.67
RW - 2	08/07/13	3498.99	-	28.39	0.00	3470.60
RW - 2	08/15/13	3498.99	-	28.39	0.00	3470.60
RW - 2	08/20/13	3498.99	-	28.40	0.00	3470.59

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	08/28/13	3498.99	-	28.53	0.00	3470.46
RW - 2	09/05/13	3498.99	-	28.71	0.00	3470.28
RW - 2	09/09/13	3498.99	-	28.56	0.00	3470.43
RW - 2	09/18/13	3498.99	-	28.73	0.00	3470.26
RW - 2	09/28/13	3498.99	-	28.72	0.00	3470.27
RW - 2	10/01/13	3498.99	-	28.61	0.00	3470.38
RW - 2	10/08/13	3498.99	-	28.63	0.00	3470.36
RW - 2	10/14/13	3498.99	-	28.64	0.00	3470.35
RW - 2	10/23/13	3498.99	-	28.51	0.00	3470.48
RW - 2	10/29/13	3498.99	-	28.44	0.00	3470.55
RW - 2	11/16/13	3498.99	-	28.27	0.00	3470.72
RW - 2	11/27/13	3498.99	-	28.29	0.00	3470.70
RW - 2	12/02/13	3498.99	-	28.15	0.00	3470.84
RW - 2	12/14/13	3498.99	-	28.39	0.00	3470.60
RW - 2	12/19/13	3498.99	-	28.06	0.00	3470.93
RW - 2	12/24/13	3498.99	-	28.29	0.00	3470.70
RW - 2	01/02/14	3498.99	-	28.32	0.00	3470.67
RW - 2	01/07/14	3498.99	-	28.13	0.00	3470.86
RW - 2	01/14/14	3498.99	-	28.34	0.00	3470.65
RW - 2	01/21/14	3498.99	-	28.09	0.00	3470.90
RW - 2	01/31/14	3498.99	-	28.17	0.00	3470.82
RW - 2	02/10/14	3498.99	-	28.18	0.00	3470.81
RW - 2	02/27/14	3498.99	-	28.05	0.00	3470.94
RW - 2	03/06/14	3498.99	-	28.09	0.00	3470.90
RW - 2	03/13/14	3498.99	-	28.24	0.00	3470.75
RW - 2	03/25/14	3498.99	-	28.33	0.00	3470.66
RW - 2	04/03/14	3498.99	-	28.16	0.00	3470.83
RW - 2	04/14/14	3498.99	28.21	28.25	0.04	3470.77
RW - 2	04/23/14	3498.99	27.94	27.96	0.02	3471.05
RW - 2	04/28/14	3498.99	28.09	28.20	0.11	3470.88
RW - 2	05/05/14	3498.99	28.04	28.27	0.23	3470.92
RW - 2	05/14/14	3498.99	28.15	28.25	0.10	3470.83
RW - 2	05/22/14	3498.99	28.08	28.24	0.16	3470.89
RW - 2	05/28/14	3498.99	28.23	28.51	0.28	3470.72
RW - 2	06/02/14	3498.99	28.34	28.55	0.21	3470.62
RW - 2	06/12/14	3498.99	28.62	28.82	0.20	3470.34
RW - 2	06/17/14	3498.99	28.64	28.75	0.11	3470.33
RW - 2	06/25/14	3498.99	28.71	28.83	0.12	3470.26
RW - 2	06/30/14	3498.99	28.77	28.85	0.08	3470.21
RW - 2	07/11/14	3498.99	28.89	29.10	0.21	3470.07
RW - 2	07/14/14	3498.99	28.86	29.00	0.14	3470.11
RW - 2	07/22/14	3498.99	28.86	29.03	0.17	3470.10
RW - 2	07/23/14	3498.99	28.86	29.03	0.17	3470.10
RW - 2	08/05/14	3498.99	29.00	29.14	0.14	3469.97
RW - 2	08/12/14	3498.99	29.03	29.13	0.10	3469.95
RW - 2	08/13/14	3498.99	28.98	29.07	0.09	3470.00

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	08/27/14	3498.99	29.15	29.19	0.04	3469.83
RW - 2	09/17/14	3498.99	-	28.70	0.00	3470.29
RW - 2	09/23/14	3498.99	-	28.39	0.00	3470.60
RW - 2	10/10/14	3498.99	-	27.70	0.00	3471.29
RW - 2	10/15/14	3498.99	-	27.60	0.00	3471.39
RW - 2	10/27/14	3498.99	-	27.38	0.00	3471.61
RW - 2	11/04/14	3498.99	-	27.70	0.00	3471.29
RW-2	11/06/14	3498.99	-	27.49	0.00	3471.50
RW - 2	11/11/14	3498.99	27.34	27.39	0.05	3471.64
RW - 2	11/18/14	3498.99	27.29	27.35	0.06	3471.69
RW - 2	12/02/14	3498.99	-	27.14	0.00	3471.85
RW - 2	12/09/14	3498.99	-	27.10	0.00	3471.89
RW - 2	12/17/14	3498.99	-	26.98	0.00	3472.01
RW - 2	12/23/14	3498.99	27.12	27.15	0.03	3471.87
RW - 2	12/30/14	3498.99	27.21	27.30	0.09	3471.77

Historic Table 2

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOC D REGULATORY GUIDELINE		0.010	0.750	0.750	0.620	
MW - 1	08/24/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	11/30/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	03/03/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	05/16/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	09/01/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	11/21/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	03/05/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	05/17/01	<0.005	<0.005	<0.005	<0.005	
MW - 1	08/27/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	10/24/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	03/27/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	05/14/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	09/27/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	12/04/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	02/25/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	05/22/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	08/27/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	11/25/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 1	02/10/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 1	12/01/04	<0.001	<0.001	<0.001	<0.001	
MW - 1	03/10/05	Not Sampled on Current Sample Schedule				
MW - 1	06/11/05	Not Sampled on Current Sample Schedule				
MW - 1	09/09/05	Not Sampled on Current Sample Schedule				
MW - 1	12/05/05	<0.001	<0.001	<0.001	<0.001	
MW - 1	03/09/06	Not Sampled on Current Sample Schedule				
MW - 1	06/08/06	Not Sampled on Current Sample Schedule				
MW - 1	09/13/06	Not Sampled on Current Sample Schedule				
MW - 1	11/29/06	<0.001	<0.001	<0.001	0.0017	
MW - 1	02/26/07	Not Sampled on Current Sample Schedule				
MW - 1	05/21/07	Not Sampled on Current Sample Schedule				
MW - 1	08/16/07	Not Sampled on Current Sample Schedule				
MW - 1	11/07/07	<0.001	<0.001	<0.001	<0.001	
MW - 1	02/12/08	Not Sampled on Current Sample Schedule				
MW - 1	05/15/08	Not Sampled on Current Sample Schedule				
MW - 1	08/19/08	Not Sampled on Current Sample Schedule				
MW - 1	11/13/08	<0.001	<0.001	<0.001	<0.001	
MW - 1	02/11/09	Not Sampled on Current Sample Schedule				
MW - 1	05/13/09	Not Sampled on Current Sample Schedule				
MW - 1	08/11/09	Not Sampled on Current Sample Schedule				
MW - 1	11/23/09	<0.001	<0.001	<0.001	<0.001	

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOC D REGULATORY GUIDELINE		0.010	0.750	0.750	0.620	
MW - 1	02/10/10	Not Sampled on Current Sample Schedule				
MW - 1	05/25/10	Not Sampled on Current Sample Schedule				
MW - 1	08/12/10	Not Sampled on Current Sample Schedule				
MW - 1	11/17/10	<0.001	<0.001	<0.001	<0.001	
MW - 1	02/22/11	Not Sampled on Current Sample Schedule				
MW - 1	05/17/11	Not Sampled on Current Sample Schedule				
MW - 1	08/11/11	Not Sampled on Current Sample Schedule				
MW - 1	11/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 1	03/01/12	Not Sampled on Current Sample Schedule				
MW - 1	05/23/12	Not Sampled on Current Sample Schedule				
MW - 1	08/09/12	Not Sampled on Current Sample Schedule				
MW - 1	11/20/12	<0.001	<0.001	<0.001	<0.001	
MW - 1	02/12/13	Not Sampled on Current Sample Schedule				
MW - 1	05/15/13	Not Sampled on Current Sample Schedule				
MW - 1	08/07/13	Not Sampled on Current Sample Schedule				
MW - 1	11/26/13	<0.001	<0.001	<0.001	<0.00300	
MW - 1	02/10/14	Not Sampled on Current Sample Schedule				
MW - 1	05/22/14	Not Sampled on Current Sample Schedule				
MW - 1	08/13/14	Not Sampled on Current Sample Schedule				
MW - 1	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 2	08/24/99	0.9800	0.5920	0.6760	0.4230	0.0830
MW - 2	11/30/99	0.7210	0.3640	0.3940	0.2830	0.0840
MW - 2	03/03/00	0.6940	0.2600	0.4070	0.1970	0.0380
MW - 2	05/22/03	0.0510	0.0020	0.0490	0.0050	0.0010
MW - 2	11/25/03	0.0690	<0.001	0.0630	0.0030	<0.001
MW - 2	02/10/04	0.0860	<0.001	0.1000	0.0070	0.0020
MW - 2	05/10/04	0.6360	0.1140	0.1330	0.0292	0.0186
MW - 2	08/25/04	1.8800	0.4280	0.6530	0.1130	0.0957
MW - 2	12/02/04	1.5200	0.0311	0.2560	<0.200	
MW - 2	03/10/05	1.1600	<0.5	0.6040	<0.5	
MW - 2	06/11/05	Not Sampled Due to PSH in Well				
MW - 2	09/09/05	Not Sampled Due to PSH in Well				
MW - 2	12/05/05	Not Sampled Due to PSH in Well				
MW - 2	03/09/06	Not Sampled Due to PSH in Well				
MW - 2	06/08/06	Not Sampled Due to PSH in Well				
MW - 2	09/13/06	Not Sampled Due to PSH in Well				
MW - 2	11/29/06	0.8130	0.0184	0.5630	0.1870	
MW - 2	02/26/07	0.9940	<0.01	0.7560	0.1380	
MW - 2	05/21/07	0.7620	<0.01	0.3570	0.0726	

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCDC REGULATORY GUIDELINE		0.010	0.750	0.750	0.620	
MW - 2	08/16/07	1.1800	<0.01	0.8120	0.1460	
MW - 2	11/07/07	0.6440	<0.01	0.5620	0.1440	
MW - 2	02/12/08	0.8620	0.0053	0.6620	0.1780	
MW - 2	05/15/08	0.7870	<0.01	0.6740	0.1600	
MW - 2	08/19/08	0.9840	<0.005	0.5830	0.1570	
MW - 2	11/13/08	0.8760	<0.005	0.5040	0.1560	
MW - 2	02/11/09	0.3810	<0.005	0.2370	0.0717	
MW - 2	05/13/09	0.0576	<0.005	0.2390	0.1250	
MW - 2	08/11/09	0.5770	<0.005	0.3310	0.1450	
MW - 2	11/23/09	0.9230	<0.005	0.3440	0.0941	
MW - 2	02/10/10	0.1760	<0.005	0.1460	0.0607	
MW - 2	05/25/10	0.7690	<0.005	0.2970	0.1200	
MW - 2	08/12/10	0.0761	0.0047	0.0758	0.0628	
MW - 2	11/17/10	0.3690	<0.001	0.2180	0.0974	
MW - 2	02/22/11	0.5560	0.0834	0.1760	0.1700	
MW - 2	05/17/11	0.7770	<0.005	0.2730	0.2170	
MW - 2	08/11/11	0.6240	<0.005	0.1800	0.1530	
MW - 2	11/09/11	0.2830	<0.005	0.1260	0.0866	
MW - 2	03/01/12	0.1730	<0.005	0.0844	0.1440	
MW - 2	05/23/12	0.0728	<0.001	0.0183	0.0225	
MW - 2	08/09/12	0.1940	<0.05	<0.05	0.0520	
MW - 2	11/20/12	0.144	<0.01	<0.01	<0.01	
MW - 2	02/12/13	0.0744	<0.01	<0.01	<0.01	
MW - 2	05/15/13	0.193	<0.0500	<0.0500	<0.0500	
MW - 2	08/07/13	0.112	<0.00100	0.0068	0.0174	
MW - 2	11/26/13	0.0299	<0.00100	0.0025	0.0084	
MW - 2	02/10/14	0.108	<0.0500	<0.0500	<0.150	
MW - 2	05/22/14	0.140	<0.00100	0.00260	0.0241	
MW - 2	08/13/14	0.04780	<0.00100	<0.00100	0.0092	
MW - 2	11/05/14	0.0104	<0.00100	0.00100	0.0040	
MW - 3	08/24/99	0.5360	0.0080	0.2670	0.0590	0.0050
MW - 3	11/30/99	0.5820	0.0090	0.3210	0.0670	<0.001
MW - 3	03/03/00	0.3090	0.0030	0.2010	0.0350	<0.001
MW - 3	05/16/00	0.4100	0.0060	0.2380	0.0410	<0.001
MW - 3	09/01/00	0.4020	0.0030	0.2480	0.0400	<0.001
MW - 3	11/21/00	0.5740	0.0020	0.3520	0.0690	<0.001
MW - 3	03/05/01	0.5600	0.0020	0.2900	0.0460	<0.001
MW - 3	05/17/01	0.5570	<0.020	0.2830	0.0540	
MW - 3	08/27/01	0.1800	<0.001	0.1000	0.0110	<0.001

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.010	0.750	0.750	0.620	
MW - 3	10/24/01	0.1620	<0.001	0.1310	0.0320	<0.001
MW - 3	03/27/02	0.2780	0.0040	0.1280	0.0250	<0.001
MW - 3	05/14/02	0.5740	0.0065	0.3050	0.0670	0.0020
MW - 3	09/27/02	0.9650	<0.001	0.3620	0.0720	<0.001
MW - 3	12/05/02	0.6720	0.0010	0.4510	0.0940	0.0010
MW - 3	05/22/03	0.9730	0.1080	0.3650	0.3860	0.1010
MW - 3	11/25/03	0.5350	<0.001	0.0930	0.0380	<0.001
MW - 3	02/10/04	0.4100	<0.001	0.0830	0.0430	<0.001
MW - 3	05/10/04	0.3010	0.0035	0.0864	0.0369	0.0049
MW - 3	08/25/04	0.5060	0.0059	0.0559	0.0426	0.0061
MW - 3	12/02/04	0.4360	<0.100	<0.100	<0.100	
MW - 3	03/10/05	0.4630	<0.01	0.0227	0.0338	
MW - 3	06/11/05	0.5860	<0.005	0.0886	0.0957	
MW - 3	09/09/05	Not Sampled Due to PSH in Well				
MW - 3	12/05/05	0.4230	<0.01	0.0451	0.0324	
MW - 3	03/09/06	0.9530	<0.1	0.1540	<0.1	
MW - 3	06/08/06	0.8760	<0.05	<0.05	0.0561	
MW - 3	09/13/06	0.8210	<0.02	0.0383	0.0427	
MW - 3	11/29/06	0.5680	<0.005	0.0365	0.0816	
MW - 3	02/26/07	0.9720	<0.01	0.0920	0.0811	
MW - 3	05/21/07	0.7250	<0.001	0.0408	0.0421	
MW - 3	08/16/07	1.0400	<0.01	<0.01	<0.01	
MW - 3	11/07/07	1.7200	<0.01	0.2020	0.1210	
MW - 3	02/12/08	1.1000	<0.01	0.1950	0.0825	
MW - 3	05/15/08	1.6000	<0.01	0.3120	0.1280	
MW - 3	08/19/08	1.8500	<0.01	0.3770	0.1380	
MW - 3	11/13/08	1.1900	<0.01	0.2880	0.1380	
MW - 3	02/11/09	1.5000	<0.01	0.3220	0.1500	
MW - 3	05/13/09	0.3720	<0.01	0.0888	0.1370	
MW - 3	08/11/09	0.6040	<0.01	0.0967	0.1250	
MW - 3	11/23/09	1.4700	<0.01	0.2320	0.1110	
MW - 3	02/10/10	1.3900	<0.01	0.1870	0.1480	
MW - 3	05/25/10	1.3400	<0.01	0.1380	0.1270	
MW - 3	08/12/10	0.8640	<0.100	<0.100	<0.100	
MW - 3	11/17/10	1.3800	<0.100	<0.100	<0.100	
MW - 3	02/22/11	1.8700	0.7510	0.8210	3.7100	
MW - 3	05/17/11	1.9800	<0.100	<0.100	<0.100	
MW - 3	08/11/11	0.4670	<0.100	<0.100	<0.100	
MW - 3	11/09/11	0.5840	<0.100	<0.100	<0.100	
MW - 3	03/01/12	1.3400	<0.100	<0.100	<0.100	

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.010	0.750	0.750	0.620	
MW - 3	05/23/12	0.9040	<0.050	0.0777	0.0653	
MW - 3	08/09/12	0.0054	<0.001	<0.001	0.0016	
MW - 3	11/20/12	0.494	<0.005	0.0405	0.0382	
MW - 3	02/12/13	0.568	<0.00500	0.0421	0.0548	
MW - 3	05/15/13	0.490	<0.0500	<0.0500	<0.0500	
MW - 3	08/07/13	0.771	<0.00500	0.0425	0.0620	
MW - 3	11/26/13	0.355	<0.0500	<0.0500	0.1610	
MW - 3	02/10/14	0.890	<0.0500	<0.0500	<0.150	
MW - 3	05/22/14	0.396	<0.00100	0.00310	0.0101	
MW - 3	08/13/14	0.603	<0.0500	<0.0500	<0.0500	
MW - 3	11/05/14	0.753	<0.0500	<0.0500	<0.0500	
MW - 4	03/10/05	Not Sampled Due to PSH in Well				
MW - 4	06/11/05	Not Sampled Due to PSH in Well				
MW - 4	09/09/05	Not Sampled Due to PSH in Well				
MW - 4	12/05/05	Not Sampled Due to PSH in Well				
MW - 4	03/09/06	Not Sampled Due to PSH in Well				
MW - 4	06/08/06	Not Sampled Due to PSH in Well				
MW - 4	09/13/06	Not Sampled Due to PSH in Well				
MW - 4	11/29/06	Not Sampled Due to PSH in Well				
MW - 4	02/26/07	Not Sampled Due to PSH in Well				
MW - 4	05/21/07	Not Sampled Due to PSH in Well				
MW - 4	08/16/07	5.1900	<0.02	1.5200	0.4100	
MW - 4	11/07/07	6.0600	0.2620	1.7600	0.7680	
MW - 4	02/12/08	2.2400	<0.0500	0.1620	0.2850	
MW - 4	05/15/08	4.3000	<0.02	1.5200	0.5490	
MW - 4	08/19/08	1.5600	0.0209	0.2580	0.2080	
MW - 4	11/13/08	1.0900	<0.0500	<0.0500	0.3510	
MW - 4	02/11/09	2.4600	<0.0500	0.6520	0.4140	
MW - 4	05/13/09	1.1000	<0.02	0.2860	0.3520	
MW - 4	08/11/09	1.4300	<0.02	0.2980	0.4310	
MW - 4	11/23/09	2.1300	<0.02	0.3290	0.1890	
MW - 4	02/10/10	1.2100	<0.02	0.1570	0.2140	
MW - 4	05/25/10	1.6800	<0.02	0.1770	0.3150	
MW - 4	08/13/10	2.0400	<0.100	0.3110	0.3140	
MW - 4	11/17/10	2.8000	<0.100	0.6970	<0.100	
MW - 4	02/22/11	2.4900	<0.100	<0.100	2.1500	
MW - 4	05/17/11	2.4300	<0.100	<0.100	<0.100	
MW - 4	08/11/11	1.9800	<0.100	<0.100	1.0200	
MW - 4	11/09/11	1.0700	<0.100	<0.100	<0.100	

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOC D REGULATORY GUIDELINE		0.010	0.750	0.750	0.620	
MW - 4	03/01/12	1.3100	<0.100	<0.100	<0.100	
MW - 4	05/23/12	0.7070	<0.050	<0.050	0.0622	
MW - 4	08/09/12	0.0198	<0.001	0.0026	0.0049	
MW - 4	11/20/12	0.938	<0.01	0.0437	0.1870	
MW-4	02/12/13	0.670	<0.00500	0.0434	0.108	
MW - 4	05/15/13	0.894	<0.0500	0.0583	0.148	
MW - 4	08/07/13	0.792	<0.0500	0.0360	0.109	
MW - 4	11/26/13	0.564	<0.0500	<0.0500	0.0981	
MW - 4	02/10/14	1.47	<0.0500	<0.0500	0.229	
MW - 4	05/22/14	1.17	<0.0500	<0.0500	0.183	
MW - 4	08/13/14	0.882	<0.0500	<0.0500	0.194	
MW - 4	11/05/14	2.46	<0.0500	<0.0500	0.133	
MW - 5	03/10/05	Not Sampled Due to PSH in Well				
MW - 5	06/11/05	Not Sampled Due to PSH in Well				
MW - 5	09/09/05	Not Sampled Due to PSH in Well				
MW - 5	12/05/05	Not Sampled Due to PSH in Well				
MW - 5	03/09/06	Not Sampled Due to PSH in Well				
MW - 5	06/08/06	Not Sampled Due to PSH in Well				
MW - 5	09/13/06	Not Sampled Due to PSH in Well				
MW - 5	11/29/06	Not Sampled Due to PSH in Well				
MW - 5	02/26/07	Not Sampled Due to PSH in Well				
MW - 5	05/21/07	Not Sampled Due to PSH in Well				
MW - 5	08/16/07	Not Sampled Due to PSH in Well				
MW - 5	11/07/07	1.0900	0.0392	0.4780	0.4050	
MW - 5	02/12/08	1.2800	0.0302	0.5870	0.4710	
MW - 5	05/15/08	1.4600	0.0263	0.6740	0.5740	
MW - 5	08/19/08	1.1400	0.0225	0.4550	0.2950	
MW - 5	11/13/08	1.3600	0.0267	0.5160	0.4090	
MW - 5	02/11/09	1.3300	0.0260	0.6100	0.4130	
MW - 5	05/13/09	1.1700	0.0497	0.5520	0.4500	
MW - 5	08/11/09	1.5700	0.0475	0.6230	0.5090	
MW - 5	11/23/09	1.1800	0.0091	0.4790	0.3200	
MW - 5	02/10/10	0.9970	<0.005	0.4380	0.2200	
MW - 5	05/25/10	Well Dry - Did Not Sample				
MW - 5	08/12/10	Well Dry - Did Not Sample				
MW - 5	11/17/10	Well Obstructed - Did Not Sample				
MW - 5	02/22/11	Well Obstructed - Did Not Sample				
MW - 5	05/17/11	Well Obstructed - Did Not Sample				
MW - 5	08/11/11	Well Obstructed - Did Not Sample				

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOC D REGULATORY GUIDELINE		0.010	0.750	0.750	0.620	
MW - 5	11/09/11	1.2900	<0.005	0.5670	0.2580	
MW - 5	03/01/12	1.0900	<0.005	0.4740	0.2680	
MW - 5	05/23/12	1.2100	<0.050	0.5130	0.2380	
MW - 5	08/09/12	Well Bent - Did Not Sample				
MW - 5	11/20/12	0.909	<0.005	0.589	0.2300	
MW - 5	02/12/13	0.963	<0.00500	0.566	0.4750	
MW - 5	05/15/13	1.01	<0.0500	0.407	0.166	
MW - 5	08/07/13	1.14	<0.0500	0.450	0.164	
MW - 5	11/26/13	1.00	<0.0500	0.407	0.148	
MW - 5	02/10/14	1.29	<0.0500	0.452	<0.150	
MW - 5	05/22/14	Not Sampled Due to PSH in Well				
MW - 5	08/13/14	Not Sampled Due to PSH in Well				
MW - 5	11/05/14	0.496	<0.0500	0.225	0.0805	
MW - 6	12/05/02	0.8960	0.0800	0.8690	0.1940	0.0050
MW - 6	05/22/03	0.7560	0.0710	0.7550	0.1740	0.0050
MW - 6	11/25/03	0.4510	0.0010	0.6260	0.0670	0.0010
MW - 6	02/10/04	0.3390	<0.001	0.5830	0.0520	<0.001
MW - 6	05/10/04	1.5700	0.2240	1.0600	0.3160	0.0172
MW - 6	12/02/04	0.0082	0.0021	0.0032	0.0021	
MW - 6	03/10/05	1.1900	<0.05	0.7490	0.1890	
MW - 6	06/11/05	0.8840	0.0569	2.2200	1.2600	
MW - 6	09/09/05	0.7770	<0.1	1.2100	0.5310	
MW - 6	12/05/05	1.0600	<0.05	0.7990	0.2020	
MW - 6	03/09/06	0.8890	<0.1	0.8690	0.2060	
MW - 6	06/08/06	Not Sampled Due to PSH in Well				
MW - 6	09/15/06	1.1000	<0.02	1.0900	0.2720	
MW - 6	11/29/06	0.6740	<0.005	0.7070	0.3100	
MW - 6	02/26/07	0.7870	<0.01	1.0600	0.2580	
MW - 6	05/21/07	0.6690	<0.01	0.4930	0.1290	
MW - 6	08/16/07	0.7400	<0.01	0.7910	0.1730	
MW - 6	11/07/07	1.1300	<0.01	1.0600	0.2880	
MW - 6	02/12/08	0.7030	<0.01	0.4930	0.1500	
MW - 6	05/15/08	0.5120	<0.0100	0.4660	0.1320	
MW - 6	08/18/08	0.5680	0.0079	0.4050	0.1600	
MW - 6	11/13/08	0.7160	<0.0100	0.4240	0.1370	
MW - 6	02/11/09	0.5550	<0.0100	0.4400	0.1250	
MW - 6	05/13/09	0.4360	<0.0100	0.3320	0.2330	
MW - 6	08/11/09	0.4400	<0.0100	0.2060	0.1670	
MW - 6	11/23/09	0.4100	<0.0100	0.0734	0.0557	

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

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SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOC D REGULATORY GUIDELINE		0.010	0.750	0.750	0.620	
MW - 6	02/10/10	0.2060	<0.0100	0.1460	0.0833	
MW - 6	05/25/10	1.2800	0.9420	1.3100	2.8700	
MW - 6	08/12/10	0.0469	0.0038	0.1000	0.0706	
MW - 6	11/17/10	0.2360	<0.001	0.0766	0.0516	
MW - 6	02/22/11	0.2210	<0.001	0.0116	<0.001	
MW - 6	05/17/11	0.2950	<0.001	0.0661	0.0348	
MW - 6	08/11/11	0.1450	<0.001	0.0122	0.0117	
MW - 6	11/09/11	0.2260	<0.001	0.1230	0.0058	
MW - 6	03/01/12	0.1310	<0.005	<0.005	<0.005	
MW - 6	05/23/12	0.1150	<0.001	0.0064	0.0121	
MW - 6	08/09/12	0.1480	<0.05	<0.05	<0.05	
MW - 6	11/20/12	0.112	<0.005	<0.005	<0.005	
MW - 6	02/12/13	0.127	<0.00500	0.0159	<0.00500	
MW - 6	05/15/13	0.100	<0.0500	<0.0500	<0.0500	
MW - 6	08/07/13	0.119	<0.00100	0.0047	0.0152	
MW - 6	11/26/13	0.0892	<0.0500	<0.0500	<0.150	
MW - 6	02/10/14	0.0768	<0.0500	<0.0500	<0.150	
MW - 6	05/22/14	Not Sampled Due to PSH in Well				
MW - 6	08/13/14	Not Sampled Due to PSH in Well				
MW - 6	11/05/14	Not Sampled Due to PSH in Well				
MW - 7	03/10/05	Not Sampled Due to PSH in Well				
MW - 7	06/11/05	Not Sampled Due to PSH in Well				
MW - 7	09/09/05	Not Sampled Due to PSH in Well				
MW - 7	12/05/05	Not Sampled Due to PSH in Well				
MW - 7	03/09/06	Not Sampled Due to PSH in Well				
MW - 7	06/08/06	Not Sampled Due to PSH in Well				
MW - 7	09/13/06	Not Sampled Due to PSH in Well				
MW - 7	11/29/06	Not Sampled Due to PSH in Well				
MW - 7	02/26/07	Not Sampled Due to PSH in Well				
MW - 7	05/21/07	Not Sampled Due to PSH in Well				
MW - 7	08/16/07	Not Sampled Due to PSH in Well				
MW - 7	11/07/07	0.6610	<0.01	<0.01	0.1300	
MW - 7	02/12/08	0.6570	<0.005	0.0881	0.1550	
MW - 7	05/15/08	0.6280	<0.0100	0.0702	0.0965	
MW - 7	08/19/08	0.7030	<0.00500	0.0736	0.1060	
MW - 7	11/13/08	0.6080	<0.00500	0.0865	0.1620	
MW - 7	02/11/09	0.7050	0.0065	0.0789	0.1220	
MW - 7	05/13/09	0.6410	<0.005	0.1210	0.1740	
MW - 7	08/11/09	0.7500	<0.005	0.0904	0.1480	

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOC D REGULATORY GUIDELINE		0.010	0.750	0.750	0.620	
MW - 7	11/23/09	0.6590	<0.005	0.0578	0.0881	
MW - 7	02/10/10	0.5410	<0.005	0.0614	0.0955	
MW - 7	05/25/10	Not Sampled Due to PSH in Well				
MW - 7	08/12/10	Not Sampled Due to PSH in Well				
MW - 7	11/17/10	Not Sampled Due to PSH in Well				
MW - 7	02/22/11	Not Sampled Due to PSH in Well				
MW - 7	05/17/11	Not Sampled Due to PSH in Well				
MW - 7	08/11/11	Not Sampled Due to PSH in Well				
MW - 7	11/09/11	Not Sampled Due to PSH in Well				
MW - 7	03/01/12	Not Sampled Due to PSH in Well				
MW - 7	05/23/12	Not Sampled Due to PSH in Well				
MW - 7	08/09/12	Not Sampled Due to PSH in Well				
MW - 7	11/20/12	Not Sampled Due to PSH in Well				
MW - 7	02/12/13	Not Sampled Due to PSH in Well				
MW - 7	05/15/13	Not Sampled Due to PSH in Well				
MW - 7	08/07/13	Not Sampled Due to PSH in Well				
MW - 7	11/26/13	Not Sampled Due to PSH in Well				
MW - 7	02/10/14	Not Sampled Due to PSH in Well				
MW - 7	05/22/14	Not Sampled Due to PSH in Well				
MW - 7	08/13/14	Not Sampled Due to PSH in Well				
MW - 7	11/05/14	Not Sampled Due to PSH in Well				
MW - 8	06/07/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	09/27/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	12/04/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	02/25/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	05/22/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	08/27/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	11/25/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 8	02/10/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 8	12/01/04	<0.001	<0.001	<0.001	<0.001	
MW - 8	03/10/05	Not Sampled on Current Sample Schedule				
MW - 8	06/11/05	Not Sampled on Current Sample Schedule				
MW - 8	09/09/05	Not Sampled on Current Sample Schedule				
MW - 8	12/05/05	<0.001	<0.001	<0.001	<0.001	
MW - 8	03/09/06	Not Sampled on Current Sample Schedule				
MW - 8	06/08/06	Not Sampled on Current Sample Schedule				
MW - 8	09/13/06	Not Sampled on Current Sample Schedule				
MW - 8	11/29/06	<0.001	<0.001	<0.001	<0.001	
MW - 8	02/26/07	Not Sampled on Current Sample Schedule				

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOC D REGULATORY GUIDELINE		0.010	0.750	0.750	0.620	
MW - 8	05/21/07	Not Sampled on Current Sample Schedule				
MW - 8	08/16/07	Not Sampled on Current Sample Schedule				
MW - 8	11/07/07	<0.001	<0.001	<0.001	<0.001	
MW - 8	02/12/08	Not Sampled on Current Sample Schedule				
MW - 8	05/15/08	Not Sampled on Current Sample Schedule				
MW - 8	08/19/08	Not Sampled on Current Sample Schedule				
MW - 8	11/13/08	<0.001	0.0017	<0.001	<0.001	
MW - 8	02/11/09	Not Sampled on Current Sample Schedule				
MW - 8	05/13/09	Not Sampled on Current Sample Schedule				
MW - 8	08/11/09	Not Sampled on Current Sample Schedule				
MW - 8	11/23/09	<0.001	<0.001	<0.001	<0.001	
MW - 8	02/10/10	Not Sampled on Current Sample Schedule				
MW - 8	05/25/10	Not Sampled on Current Sample Schedule				
MW - 8	08/12/10	Not Sampled on Current Sample Schedule				
MW - 8	11/17/10	<0.001	<0.001	<0.001	<0.001	
MW - 8	02/22/11	Not Sampled on Current Sample Schedule				
MW - 8	05/17/11	Not Sampled on Current Sample Schedule				
MW - 8	08/11/11	Not Sampled on Current Sample Schedule				
MW - 8	11/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 8	03/01/12	Not Sampled on Current Sample Schedule				
MW - 8	05/23/12	Not Sampled on Current Sample Schedule				
MW - 8	08/09/12	Not Sampled on Current Sample Schedule				
MW - 8	11/20/12	<0.001	<0.001	<0.001	<0.001	
MW - 8	02/12/13	Not Sampled on Current Sample Schedule				
MW - 8	05/15/13	Not Sampled on Current Sample Schedule				
MW - 8	08/07/13	Not Sampled on Current Sample Schedule				
MW - 8	11/26/13	<0.001	<0.001	<0.001	<0.00300	
MW - 8	02/10/14	Not Sampled on Current Sample Schedule				
MW - 8	05/22/14	Not Sampled on Current Sample Schedule				
MW - 8	08/13/14	Not Sampled on Current Sample Schedule				
MW - 8	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 9	06/07/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 9	09/27/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 9	12/04/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 9	02/25/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 9	05/22/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 9	08/27/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 9	11/25/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 9	02/10/04	<0.001	<0.001	<0.001	<0.002	<0.001

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCd REGULATORY GUIDELINE		0.010	0.750	0.750	0.620	
MW - 9	12/01/04	<0.001	<0.001	<0.001	<0.001	
MW - 9	03/10/05	Not Sampled on Current Sample Schedule				
MW - 9	06/11/05	Not Sampled on Current Sample Schedule				
MW - 9	09/09/05	Not Sampled on Current Sample Schedule				
MW - 9	12/05/05	<0.001	<0.001	<0.001	<0.001	
MW - 9	03/09/06	Not Sampled on Current Sample Schedule				
MW - 9	06/08/06	Not Sampled on Current Sample Schedule				
MW - 9	09/13/06	Not Sampled on Current Sample Schedule				
MW - 9	11/29/06	<0.001	<0.001	<0.001	<0.001	
MW - 9	02/26/07	Not Sampled on Current Sample Schedule				
MW - 9	05/21/07	Not Sampled on Current Sample Schedule				
MW - 9	08/16/07	Not Sampled on Current Sample Schedule				
MW - 9	11/07/07	<0.001	<0.001	<0.001	<0.001	
MW - 9	02/12/08	Not Sampled on Current Sample Schedule				
MW - 9	05/15/08	Not Sampled on Current Sample Schedule				
MW - 9	08/19/08	Not Sampled on Current Sample Schedule				
MW - 9	11/13/08	<0.001	<0.001	<0.001	<0.001	
MW - 9	02/11/09	Not Sampled on Current Sample Schedule				
MW - 9	05/13/09	Not Sampled on Current Sample Schedule				
MW - 9	08/11/09	Not Sampled on Current Sample Schedule				
MW - 9	11/23/09	<0.001	<0.001	<0.001	<0.001	
MW - 9	02/10/10	Not Sampled on Current Sample Schedule				
MW - 9	05/25/10	Not Sampled on Current Sample Schedule				
MW - 9	08/12/10	Not Sampled on Current Sample Schedule				
MW - 9	11/17/10	<0.001	<0.001	<0.001	<0.001	
MW - 9	02/22/11	Not Sampled on Current Sample Schedule				
MW - 9	05/17/11	Not Sampled on Current Sample Schedule				
MW - 9	08/11/11	Not Sampled on Current Sample Schedule				
MW - 9	11/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 9	03/01/12	Not Sampled on Current Sample Schedule				
MW - 9	05/23/12	Not Sampled on Current Sample Schedule				
MW - 9	08/09/12	Not Sampled on Current Sample Schedule				
MW - 9	11/20/12	<0.001	<0.001	<0.001	<0.001	
MW - 9	02/12/13	Not Sampled on Current Sample Schedule				
MW - 9	05/15/13	Not Sampled on Current Sample Schedule				
MW - 9	08/07/13	Not Sampled on Current Sample Schedule				
MW - 9	11/26/13	<0.001	<0.001	<0.001	<0.00300	
MW - 9	02/10/14	Not Sampled on Current Sample Schedule				
MW - 9	05/22/14	Not Sampled on Current Sample Schedule				
MW - 9	08/13/14	Not Sampled on Current Sample Schedule				

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOC D REGULATORY GUIDELINE		0.010	0.750	0.750	0.620	
MW - 9	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 10	06/07/02	0.1420	<0.005	0.0230	0.0070	<0.005
MW - 10	11/25/03	0.1760	<0.001	0.0340	0.0140	0.0010
MW - 10	02/10/04	0.1610	<0.001	0.0320	0.0120	0.0010
MW - 10	05/10/04	0.1810	<0.001	0.0232	0.0083	<0.001
MW - 10	03/10/05	Not Sampled Due to PSH in Well				
MW - 10	06/11/05	Not Sampled Due to PSH in Well				
MW - 10	09/09/05	Not Sampled Due to PSH in Well				
MW - 10	12/05/05	Not Sampled Due to PSH in Well				
MW - 10	03/09/06	Not Sampled Due to PSH in Well				
MW - 10	06/08/06	Not Sampled Due to PSH in Well				
MW - 10	09/13/06	Not Sampled Due to PSH in Well				
MW - 10	11/29/06	Not Sampled Due to PSH in Well				
MW - 10	02/26/07	Not Sampled Due to PSH in Well				
MW - 10	05/21/07	Not Sampled Due to PSH in Well				
MW - 10	08/16/07	Not Sampled Due to PSH in Well				
MW - 10	11/07/07	0.1840	<0.02	<0.02	0.0782	
MW - 10	02/12/08	0.2640	<0.001	0.0059	0.0577	
MW - 10	05/15/08	0.2260	<0.005	<0.005	0.0229	
MW - 10	08/18/08	0.2340	0.0086	0.0072	0.0186	
MW - 10	11/13/08	0.2250	<0.005	<0.005	<0.005	
MW - 10	02/11/09	0.2450	<0.005	0.0091	0.0370	
MW - 10	05/13/09	0.2550	<0.005	0.0299	0.0735	
MW - 10	08/11/09	0.2900	<0.005	0.0310	0.0590	
MW - 10	11/23/09	0.2420	<0.005	<0.005	<0.005	
MW - 10	02/10/10	0.2660	<0.005	0.0114	0.0307	
MW - 10	05/25/10	0.2480	<0.005	<0.005	<0.005	
MW - 10	08/12/10	0.2250	<0.100	<0.100	<0.100	
MW - 10	11/17/10	0.5640	<0.100	0.3550	<0.100	
MW - 10	02/22/11	0.8080	<0.100	<0.100	<0.100	
MW - 10	05/17/11	1.0400	<0.100	<0.100	<0.100	
MW - 10	08/11/11	0.4890	<0.100	<0.100	<0.100	
MW - 10	11/09/11	0.2510	<0.100	<0.100	<0.100	
MW - 10	03/01/12	0.8820	<0.100	<0.100	<0.100	
MW - 10	05/23/12	0.2620	<0.050	<0.050	<0.050	
MW - 10	08/09/12	0.2410	<0.050	<0.050	<0.050	
MW - 10	11/20/12	0.259	<0.01	<0.01	<0.01	
MW - 10	02/12/13	0.266	<0.02	<0.02	<0.02	
MW - 10	05/15/13	0.273	<0.0500	<0.0500	<0.0500	

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCDD REGULATORY GUIDELINE		0.010	0.750	0.750	0.620	
MW - 10	08/07/13	0.320	<0.00100	<0.00100	0.0228	
MW - 10	11/26/13	0.308	<0.00100	0.0041	0.0111	
MW - 10	02/10/14	0.201	<0.0500	<0.0500	<0.150	
MW - 10	05/22/14	Not Sampled Due to PSH in Well				
MW - 10	08/13/14	Not Sampled Due to PSH in Well				
MW - 10	11/05/14	0.223	<0.0500	<0.0500	<0.0500	
MW - 11	06/07/02	0.0010	0.0010	<0.001	<0.001	<0.001
MW - 11	09/27/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	12/04/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	02/25/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	05/22/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	08/27/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	11/25/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 11	02/10/04	0.0050	<0.001	<0.001	<0.002	<0.001
MW - 11	12/02/04	<0.001	<0.001	<0.001	0.0010	
MW - 11	03/10/05	Not Sampled on Current Sample Schedule				
MW - 11	06/11/05	Not Sampled on Current Sample Schedule				
MW - 11	09/09/05	Not Sampled on Current Sample Schedule				
MW - 11	12/05/05	<0.001	<0.001	<0.001	<0.001	
MW - 11	03/09/06	Not Sampled on Current Sample Schedule				
MW - 11	06/08/06	Not Sampled on Current Sample Schedule				
MW - 11	09/13/06	Not Sampled on Current Sample Schedule				
MW - 11	11/29/06	<0.001	<0.001	<0.001	<0.001	
MW - 11	02/26/07	Not Sampled on Current Sample Schedule				
MW - 11	05/21/07	Not Sampled on Current Sample Schedule				
MW - 11	08/16/07	Not Sampled on Current Sample Schedule				
MW - 11	11/07/07	<0.001	<0.001	<0.001	<0.001	
MW - 11	02/12/08	Not Sampled on Current Sample Schedule				
MW - 11	05/15/08	Not Sampled on Current Sample Schedule				
MW - 11	08/18/08	Not Sampled on Current Sample Schedule				
MW - 11	11/13/08	<0.001	<0.001	<0.001	<0.001	
MW - 11	02/11/09	Not Sampled on Current Sample Schedule				
MW - 11	05/13/09	Not Sampled on Current Sample Schedule				
MW - 11	08/11/09	Not Sampled on Current Sample Schedule				
MW - 11	11/23/09	<0.001	<0.001	<0.001	<0.001	
MW - 11	02/10/10	Not Sampled on Current Sample Schedule				
MW - 11	05/25/10	Not Sampled on Current Sample Schedule				
MW - 11	08/12/10	Not Sampled on Current Sample Schedule				
MW - 11	11/17/10	<0.001	<0.001	<0.001	<0.001	

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.010	0.750	0.750	0.620	
MW - 11	02/22/11	Not Sampled on Current Sample Schedule				
MW - 11	05/17/11	Not Sampled on Current Sample Schedule				
MW - 11	08/11/11	Not Sampled on Current Sample Schedule				
MW - 11	11/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 11	03/01/12	Not Sampled on Current Sample Schedule				
MW - 11	05/23/12	Not Sampled on Current Sample Schedule				
MW - 11	08/09/12	Not Sampled on Current Sample Schedule				
MW - 11	11/20/12	<0.001	<0.001	<0.001	<0.001	
MW - 11	02/12/13	Not Sampled on Current Sample Schedule				
MW - 11	05/15/13	Not Sampled on Current Sample Schedule				
MW - 11	08/07/13	Not Sampled on Current Sample Schedule				
MW - 11	11/26/13	<0.001	<0.001	<0.001	<0.00300	
MW - 11	02/10/14	Not Sampled on Current Sample Schedule				
MW - 11	05/22/14	Not Sampled on Current Sample Schedule				
MW - 11	08/13/14	Not Sampled on Current Sample Schedule				
MW - 11	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	06/07/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	09/27/02	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 12	12/04/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	02/25/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	05/22/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	08/27/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	11/25/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 12	02/10/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 12	12/02/04	<0.001	<0.001	<0.001	0.0082	
MW - 12	03/10/05	Not Sampled on Current Sample Schedule				
MW - 12	06/11/05	Not Sampled on Current Sample Schedule				
MW - 12	09/09/05	Not Sampled on Current Sample Schedule				
MW - 12	12/05/05	<0.001	<0.001	<0.001	<0.001	
MW - 12	03/09/06	Not Sampled on Current Sample Schedule				
MW - 12	06/08/06	Not Sampled on Current Sample Schedule				
MW - 12	09/13/06	Not Sampled on Current Sample Schedule				
MW - 12	11/29/06	<0.001	<0.001	<0.001	<0.001	
MW - 12	02/26/07	Not Sampled on Current Sample Schedule				
MW - 12	05/21/07	Not Sampled on Current Sample Schedule				
MW - 12	08/16/07	Not Sampled on Current Sample Schedule				
MW - 12	11/07/07	0.0052	<0.001	<0.001	0.0138	
MW - 12	02/12/08	Not Sampled on Current Sample Schedule				
MW - 12	05/15/08	Not Sampled on Current Sample Schedule				

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOC D REGULATORY GUIDELINE		0.010	0.750	0.750	0.620	
MW - 12	08/18/08	Not Sampled on Current Sample Schedule				
MW - 12	11/13/08	<0.001	<0.001	<0.001	0.0148	
MW - 12	02/11/09	Not Sampled on Current Sample Schedule				
MW - 12	05/13/09	Not Sampled on Current Sample Schedule				
MW - 12	08/11/09	Not Sampled on Current Sample Schedule				
MW - 12	11/23/09	<0.001	<0.001	<0.001	0.0019	
MW - 12	02/10/10	Not Sampled on Current Sample Schedule				
MW - 12	05/25/10	Not Sampled on Current Sample Schedule				
MW - 12	08/12/10	Not Sampled on Current Sample Schedule				
MW - 12	11/17/10	<0.001	<0.001	<0.001	<0.001	
MW - 12	02/22/11	Not Sampled on Current Sample Schedule				
MW - 12	05/17/11	Not Sampled on Current Sample Schedule				
MW - 12	08/11/11	Not Sampled on Current Sample Schedule				
MW - 12	11/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 12	03/01/12	Not Sampled on Current Sample Schedule				
MW - 12	05/23/12	Not Sampled on Current Sample Schedule				
MW - 12	08/09/12	Not Sampled on Current Sample Schedule				
MW - 12	11/20/12	<0.001	<0.001	<0.001	<0.001	
MW - 12	02/12/13	Not Sampled on Current Sample Schedule				
MW - 12	05/15/13	Not Sampled on Current Sample Schedule				
MW - 12	08/07/13	Not Sampled on Current Sample Schedule				
MW - 12	11/26/13	<0.001	<0.001	<0.001	<0.00300	
MW - 12	02/10/14	Not Sampled on Current Sample Schedule				
MW - 12	05/22/14	Not Sampled on Current Sample Schedule				
MW - 12	08/13/14	Not Sampled on Current Sample Schedule				
MW - 12	11/05/14	<0.00100	<0.00100	<0.00100	0.00130	
MW-13	06/07/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW-13	09/27/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW-13	12/04/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW-13	02/25/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW-13	05/22/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW-13	08/27/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW-13	11/25/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW-13	02/10/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW-13	12/01/04	<0.005	<0.005	<0.005	<0.005	
MW-13	03/10/05	Not Sampled on Current Sample Schedule				
MW-13	06/11/05	Not Sampled on Current Sample Schedule				
MW-13	09/09/05	Not Sampled on Current Sample Schedule				
MW-13	09/13/05	Plugged and Abandoned				

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030					
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE	
NMOCD REGULATORY GUIDELINE		0.010	0.750	0.750	0.620		
MW - 14	06/07/02	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 14	09/27/02	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 14	12/04/02	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 14	02/25/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 14	05/22/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 14	08/27/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 14	11/25/03	<0.001	<0.001	<0.001	<0.002	<0.001	
MW - 14	02/10/04	<0.001	<0.001	<0.001	<0.002	<0.001	
MW - 14	12/02/04	<0.001	<0.001	<0.001	<0.001		
MW - 14	03/10/05	Not Sampled on Current Sample Schedule					
MW - 14	06/11/05	Not Sampled on Current Sample Schedule					
MW - 14	09/09/05	Not Sampled on Current Sample Schedule					
MW - 14	12/05/05	<0.001	<0.001	<0.001	<0.001		
MW - 14	03/09/06	Not Sampled on Current Sample Schedule					
MW - 14	06/08/06	Not Sampled on Current Sample Schedule					
MW - 14	09/13/06	Not Sampled on Current Sample Schedule					
MW - 14	11/29/06	<0.001	<0.001	<0.001	<0.001		
MW - 14	02/26/07	Not Sampled on Current Sample Schedule					
MW - 14	05/21/07	Not Sampled on Current Sample Schedule					
MW - 14	08/16/07	Not Sampled on Current Sample Schedule					
MW - 14	11/07/07	<0.001	<0.001	<0.001	<0.001		
MW - 14	02/12/08	Not Sampled on Current Sample Schedule					
MW - 14	05/15/08	Not Sampled on Current Sample Schedule					
MW - 14	08/18/08	Not Sampled on Current Sample Schedule					
MW - 14	11/13/08	<0.001	<0.001	<0.001	<0.001		
MW - 14	02/11/09	Not Sampled on Current Sample Schedule					
MW - 14	05/13/09	Not Sampled on Current Sample Schedule					
MW - 14	08/11/09	Not Sampled on Current Sample Schedule					
MW - 14	11/23/09	<0.001	<0.001	<0.001	<0.001		
MW - 14	02/10/10	Not Sampled on Current Sample Schedule					
MW - 14	05/25/10	Not Sampled on Current Sample Schedule					
MW - 14	08/12/10	Not Sampled on Current Sample Schedule					
MW - 14	11/17/10	<0.001	<0.001	<0.001	<0.001		
MW - 14	02/22/11	Not Sampled on Current Sample Schedule					
MW - 14	05/17/11	Not Sampled on Current Sample Schedule					
MW - 14	08/11/11	Not Sampled on Current Sample Schedule					
MW - 14	11/09/11	<0.001	<0.001	<0.001	<0.001		
MW - 14	03/01/12	Not Sampled on Current Sample Schedule					
MW - 14	05/23/12	Not Sampled on Current Sample Schedule					

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOC D REGULATORY GUIDELINE		0.010	0.750	0.750	0.620	
MW - 14	08/09/12	Not Sampled on Current Sample Schedule				
MW - 14	11/20/12	<0.001	<0.001	<0.001	<0.001	
MW - 14	02/12/13	Not Sampled on Current Sample Schedule				
MW - 14	05/15/13	Not Sampled on Current Sample Schedule				
MW - 14	08/07/13	Not Sampled on Current Sample Schedule				
MW - 14	11/26/13	<0.001	<0.001	<0.001	<0.00300	
MW - 14	02/10/14	Not Sampled on Current Sample Schedule				
MW - 14	05/22/14	Not Sampled on Current Sample Schedule				
MW - 14	08/13/14	Not Sampled on Current Sample Schedule				
MW - 14	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 15	06/07/02	0.0020	0.0010	0.0020	<0.001	<0.001
MW - 15	09/27/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 15	12/04/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 15	02/25/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 15	05/22/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 15	08/27/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 15	11/25/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 15	02/10/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 15	12/01/04	<0.001	<0.001	<0.001	<0.001	
MW - 15	03/10/05	Not Sampled on Current Sample Schedule				
MW - 15	06/11/05	Not Sampled on Current Sample Schedule				
MW - 15	09/09/05	Not Sampled on Current Sample Schedule				
MW - 15	12/05/05	<0.001	<0.001	<0.001	<0.001	
MW - 15	03/09/06	Not Sampled on Current Sample Schedule				
MW - 15	06/08/06	Not Sampled on Current Sample Schedule				
MW - 15	09/13/06	Not Sampled on Current Sample Schedule				
MW - 15	11/29/06	<0.001	<0.001	<0.001	<0.001	
MW - 15	02/26/07	Not Sampled on Current Sample Schedule				
MW - 15	05/21/07	Not Sampled on Current Sample Schedule				
MW - 15	08/16/07	Not Sampled on Current Sample Schedule				
MW - 15	11/07/07	<0.001	<0.001	<0.001	<0.001	
MW - 15	02/12/08	Not Sampled on Current Sample Schedule				
MW - 15	05/15/08	Not Sampled on Current Sample Schedule				
MW - 15	08/18/08	Not Sampled on Current Sample Schedule				
MW - 15	11/13/08	<0.001	<0.001	<0.001	<0.001	
MW - 15	02/11/09	Not Sampled on Current Sample Schedule				
MW - 15	05/13/09	Not Sampled on Current Sample Schedule				
MW - 15	08/11/09	Not Sampled on Current Sample Schedule				
MW - 15	11/23/09	<0.001	<0.001	<0.001	<0.001	

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOC D REGULATORY GUIDELINE		0.010	0.750	0.750	0.620	
MW - 15	02/10/10	Not Sampled on Current Sample Schedule				
MW - 15	05/25/10	Not Sampled on Current Sample Schedule				
MW - 15	08/12/10	Not Sampled on Current Sample Schedule				
MW - 15	11/17/10	<0.001	<0.001	<0.001	<0.001	
MW - 15	02/22/11	Not Sampled on Current Sample Schedule				
MW - 15	05/17/11	Not Sampled on Current Sample Schedule				
MW - 15	08/11/11	Not Sampled on Current Sample Schedule				
MW - 15	11/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 15	03/01/12	Not Sampled on Current Sample Schedule				
MW - 15	05/23/12	Not Sampled on Current Sample Schedule				
MW - 15	08/09/12	Not Sampled on Current Sample Schedule				
MW - 15	11/20/12	<0.001	<0.001	<0.001	<0.001	
MW - 15	02/12/13	Not Sampled on Current Sample Schedule				
MW - 15	05/15/13	Not Sampled on Current Sample Schedule				
MW - 15	08/07/13	Not Sampled on Current Sample Schedule				
MW - 15	11/26/13	<0.001	<0.001	<0.001	<0.00300	
MW - 15	02/10/14	Not Sampled on Current Sample Schedule				
MW - 15	05/22/14	Not Sampled on Current Sample Schedule				
MW - 15	08/13/14	Not Sampled on Current Sample Schedule				
MW - 15	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 16	06/07/02	0.0010	<0.001	0.0010	<0.001	<0.001
MW - 16	09/27/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 16	12/04/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 16	02/25/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 16	05/22/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 16	08/27/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 16	11/25/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 16	02/10/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 16	12/01/04	<0.001	<0.001	<0.001	<0.001	
MW - 16	03/10/05	Not Sampled on Current Sample Schedule				
MW - 16	06/11/05	Not Sampled on Current Sample Schedule				
MW - 16	09/09/05	Not Sampled on Current Sample Schedule				
MW - 16	12/05/05	<0.001	<0.001	<0.001	<0.001	
MW - 16	03/09/06	Not Sampled on Current Sample Schedule				
MW - 16	06/08/06	Not Sampled on Current Sample Schedule				
MW - 16	09/13/06	Not Sampled on Current Sample Schedule				
MW - 16	11/29/06	<0.001	<0.001	<0.001	<0.001	
MW - 16	02/26/07	Not Sampled on Current Sample Schedule				
MW - 16	05/21/07	Not Sampled on Current Sample Schedule				

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOC D REGULATORY GUIDELINE		0.010	0.750	0.750	0.620	
MW - 16	08/16/07	Not Sampled on Current Sample Schedule				
MW - 16	11/07/07	<0.001	<0.001	<0.001	<0.001	
MW - 16	02/12/08	Not Sampled on Current Sample Schedule				
MW - 16	05/15/08	Not Sampled on Current Sample Schedule				
MW - 16	08/18/08	Not Sampled on Current Sample Schedule				
MW - 16	11/13/08	<0.001	<0.001	<0.001	<0.001	
MW - 16	02/11/09	Not Sampled on Current Sample Schedule				
MW - 16	05/13/09	Not Sampled on Current Sample Schedule				
MW - 16	08/11/09	Not Sampled on Current Sample Schedule				
MW - 16	11/23/09	<0.001	<0.001	<0.001	<0.001	
MW - 16	02/10/10	Not Sampled on Current Sample Schedule				
MW - 16	05/25/10	Not Sampled on Current Sample Schedule				
MW - 16	08/12/10	Not Sampled on Current Sample Schedule				
MW - 16	11/17/10	<0.001	<0.001	<0.001	<0.001	
MW - 16	02/22/11	Not Sampled on Current Sample Schedule				
MW - 16	05/17/11	Not Sampled on Current Sample Schedule				
MW - 16	08/11/11	Not Sampled on Current Sample Schedule				
MW - 16	11/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 16	03/01/12	Not Sampled on Current Sample Schedule				
MW - 16	05/23/12	Not Sampled on Current Sample Schedule				
MW - 16	08/09/12	Not Sampled on Current Sample Schedule				
MW - 16	11/20/12	<0.001	<0.001	<0.001	<0.001	
MW - 16	02/12/13	Not Sampled on Current Sample Schedule				
MW - 16	05/15/13	Not Sampled on Current Sample Schedule				
MW - 16	08/07/13	Not Sampled on Current Sample Schedule				
MW - 16	11/26/13	<0.001	<0.001	<0.001	<0.00300	
MW - 16	02/10/14	Not Sampled on Current Sample Schedule				
MW - 16	05/22/14	Not Sampled on Current Sample Schedule				
MW - 16	08/13/14	Not Sampled on Current Sample Schedule				
MW - 16	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 17	06/07/02	2.0600	0.0990	1.1900	0.2310	0.1190
MW - 17	09/27/02	4.7300	0.1170	2.2900	0.3650	0.1810
MW - 17	12/05/02	3.6800	0.1190	2.5300	0.4120	0.2310
MW - 17	02/25/03	3.8000	0.0460	2.4400	0.4370	0.1700
MW - 17	05/22/03	3.3700	0.0370	2.2400	0.3170	0.0700
MW - 17	08/27/03	3.6000	0.0310	2.4400	0.4710	0.0660
MW - 17	11/25/03	3.3100	0.0020	2.5400	0.4920	0.0220
MW - 17	02/10/04	3.3300	0.0010	2.1900	0.4180	0.0130
MW - 17	05/10/04	2.6400	0.0014	2.2700	0.2970	0.0045

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOC D REGULATORY GUIDELINE		0.010	0.750	0.750	0.620	
MW - 17	08/25/04	3.4500	0.0016	1.9900	0.2800	0.0143
MW - 17	12/01/04	1.1500	<0.05	0.4140	0.0984	
MW - 17	03/10/05	3.3300	<0.05	2.1400	<0.05	
MW - 17	06/11/05	3.0500	<0.1	2.0600	0.3350	
MW - 17	09/09/05	3.4800	<0.1	2.3500	0.4080	
MW - 17	12/05/05	3.3600	<0.01	2.3800	0.3930	
MW - 17	03/09/06	3.1500	<0.02	2.3400	0.3670	
MW - 17	06/08/06	3.3800	<0.02	2.5800	0.3700	
MW - 17	09/15/06	1.7800	<0.2	1.1000	<0.2	
MW - 17	11/29/06	2.7500	<0.02	1.8800	0.4820	
MW - 17	02/26/07	3.0200	<0.02	2.5900	0.3910	
MW - 17	05/21/07	2.0300	<0.02	1.7000	0.2500	
MW - 17	08/16/07	3.0100	<0.02	2.5600	0.3380	
MW - 17	11/07/07	3.3600	<0.02	2.2800	0.3550	
MW - 17	02/12/08	2.8400	<0.02	2.3200	0.3370	
MW - 17	05/15/08	2.5100	<0.02	2.0000	0.2930	
MW - 17	08/19/08	2.6400	<0.02	2.0500	0.3260	
MW - 17	11/13/08	1.8000	<0.02	1.4400	0.2380	
MW - 17	02/11/09	2.3900	<0.02	1.8400	0.2790	
MW - 17	05/13/09	2.2800	<0.02	1.8600	0.4780	
MW - 17	08/11/09	2.6200	<0.02	2.1900	0.5110	
MW - 17	11/23/09	2.1700	<0.02	1.6400	0.1570	
MW - 17	02/10/10	2.0700	<0.02	1.5800	0.3010	
MW - 17	05/25/10	2.5200	<0.02	2.1900	0.3220	
MW - 17	08/12/10	2.2200	<0.100	1.7400	0.4050	
MW - 17	11/17/10	1.8500	<0.100	1.7900	<0.100	
MW - 17	02/22/11	2.1100	0.6900	1.8600	2.4700	
MW - 17	05/17/11	2.8700	<0.100	1.9200	1.7600	
MW - 17	08/11/11	2.3100	<0.100	1.8600	1.1300	
MW - 17	11/09/11	2.1700	<0.100	1.4800	<0.100	
MW - 17	03/01/12	2.3200	<0.100	1.7000	<0.100	
MW - 17	05/23/12	1.9100	<0.050	1.2500	0.2350	
MW - 17	08/09/12	0.0320	<0.001	0.0206	0.0051	
MW - 17	11/20/12	1.72	<0.01	0.934	0.2280	
MW - 17	02/12/13	2.12	<0.100	1.390	0.3110	
MW - 17	05/15/13	2.27	<0.0500	1.420	0.301	
MW - 17	08/07/13	1.98	<0.00500	0.940	0.254	
MW - 17	11/26/13	1.74	<0.0500	0.721	0.255	
MW - 17	02/10/14	2.33	<0.0500	1.12	0.254	
MW - 17	05/22/14	1.77	<0.0500	0.542	0.190	

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCDC REGULATORY GUIDELINE		0.010	0.750	0.750	0.620	
MW - 17	08/13/14	1.77	<0.0500	0.632	0.265	
MW - 17	11/05/14	2.47	<0.0500	1.410	0.302	
MW - 18	06/07/02	0.8150	0.0340	0.5090	0.0570	0.0240
MW - 18	09/27/02	4.8600	0.1900	2.3600	0.2200	0.0440
MW - 18	12/05/02	3.3600	0.2100	2.7700	0.3380	0.1480
MW - 18	02/25/03	3.2500	0.2210	2.6600	0.3530	0.1820
MW - 18	05/22/03	3.1900	0.1510	2.6100	0.3070	0.1310
MW - 18	08/27/03	3.7000	0.1740	2.6600	0.5130	0.1420
MW - 18	11/25/03	3.5400	0.1220	2.6300	0.5360	0.1170
MW - 18	02/10/04	0.9470	0.0060	0.6210	0.0940	0.0090
MW - 18	05/10/04	3.6200	0.3260	2.7700	0.4100	0.1430
MW - 18	08/25/04	1.8300	0.0024	2.0000	0.0963	0.0233
MW - 18	12/02/04	1.1600	<0.0200	0.9840	0.1420	
MW - 18	03/10/05	2.3800	<0.1	1.2200	0.3270	
MW - 18	06/11/05	2.3400	<0.01	0.8490	0.2040	
MW - 18	09/09/05	3.1800	<0.1	1.4700	0.3310	
MW - 18	12/05/05	3.1700	<0.01	1.6300	0.3410	
MW - 18	03/09/06	4.1800	<0.05	2.3200	0.6180	
MW - 18	06/08/06	3.7700	<0.02	2.1400	0.3540	
MW - 18	09/15/06	2.2700	<0.2	0.9560	<0.2	
MW - 18	11/29/06	2.5800	<0.01	1.4500	0.4100	
MW - 18	02/26/07	3.7100	<0.02	2.2600	0.3570	
MW - 18	05/21/07	2.4100	<0.02	1.7000	0.3480	
MW - 18	08/16/07	3.7000	<0.02	2.5100	0.3500	
MW - 18	11/07/07	3.3600	<0.01	2.2400	0.3590	
MW - 18	02/12/08	3.5700	<0.02	2.2800	0.3890	
MW - 18	05/15/08	3.2400	<0.02	2.0900	0.2720	
MW - 18	08/19/08	3.5800	<0.02	2.2300	0.5030	
MW - 18	11/13/08	2.9400	<0.02	1.9400	0.3830	
MW - 18	02/11/09	3.6800	<0.02	2.2200	0.4200	
MW - 18	05/13/09	3.4500	<0.02	2.3300	0.6370	
MW - 18	08/11/09	4.1600	<0.02	2.9800	0.7570	
MW - 18	11/23/09	2.6200	<0.02	1.7000	0.2590	
MW - 18	02/10/10	3.0600	<0.02	2.0200	0.5560	
MW - 18	05/25/10	2.7300	<0.02	1.4800	0.2630	
MW - 18	08/12/10	3.0700	<0.0500	1.7300	0.5300	
MW - 18	11/17/10	2.0900	<0.0500	1.3300	0.5130	
MW - 18	02/22/11	3.5100	0.3630	2.5000	1.4200	
MW - 18	05/17/11	3.2500	<0.0500	2.0000	1.0500	

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030					
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE	
NMOC D REGULATORY GUIDELINE		0.010	0.750	0.750	0.620		
MW - 18	08/11/11	3.4500	<0.0500	2.2100	0.7970		
MW - 18	11/09/11	2.6600	<0.0500	1.4900	0.2410		
MW - 18	03/01/12	3.1400	<0.0500	2.1000	1.3300		
MW - 18	05/23/12	3.2200	<0.0500	2.4200	0.2190		
MW - 18	08/09/12	0.0380	<0.001	0.0235	0.0043		
MW - 18	11/20/12	3.18	<0.01	2.280	0.234		
MW - 18	02/12/13	2.42	<0.0100	1.620	0.170		
MW - 18	05/15/13	2.48	<0.0500	1.60	0.173		
MW - 18	08/07/13	1.80	<0.0500	0.891	0.0965		
MW - 18	11/26/13	2.96	<0.0500	2.00	0.202		
MW - 18	02/10/14	2.89	<0.0500	1.66	0.185		
MW - 18	05/22/14	2.77	<0.0500	1.57	0.174		
MW - 18	08/13/14	1.36	<0.0500	0.644	0.0672		
MW - 18	11/05/14	2.96	<0.0500	2.24	0.219		
MW - 19	06/07/02	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 19	09/27/02	0.0010	<0.001	<0.001	<0.001	<0.001	
MW - 19	12/04/02	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 19	02/26/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 19	05/22/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 19	08/27/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 19	11/25/03	<0.001	<0.001	<0.001	<0.002	<0.001	
MW - 19	02/10/04	<0.001	<0.001	<0.001	<0.002	<0.001	
MW - 19	12/02/04	<0.001	<0.001	<0.001	<0.001		
MW - 19	03/10/05	Not Sampled on Current Sample Schedule					
MW - 19	06/11/05	Not Sampled on Current Sample Schedule					
MW - 19	09/09/05	Not Sampled on Current Sample Schedule					
MW - 19	09/13/05	Plugged and Abandoned					
MW - 20	06/07/02	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 20	09/27/02	0.0020	<0.001	<0.001	<0.001	<0.001	
MW - 20	12/04/02	<0.001	<0.001	0.0020	<0.001	<0.001	
MW - 20	02/26/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 20	05/22/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 20	08/27/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 20	11/25/03	<0.001	<0.001	<0.001	<0.002	<0.001	
MW - 20	02/10/04	<0.001	<0.001	<0.001	<0.002	<0.001	
MW - 20	12/02/04	0.0097	<0.005	<0.005	<0.005		
MW - 20	03/10/05	Not Sampled on Current Sample Schedule					
MW - 20	06/11/05	Not Sampled on Current Sample Schedule					

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.010	0.750	0.750	0.620	
MW - 20	09/09/05	Not Sampled on Current Sample Schedule				
MW - 20	12/05/05	<0.001	<0.001	0.0167	<0.001	
MW - 20	03/09/06	Not Sampled on Current Sample Schedule				
MW - 20	06/08/06	Not Sampled on Current Sample Schedule				
MW - 20	09/13/06	Not Sampled on Current Sample Schedule				
MW - 20	11/29/06	0.0029	<0.001	0.0138	<0.001	
MW - 20	02/26/07	Not Sampled on Current Sample Schedule				
MW - 20	05/21/07	Not Sampled on Current Sample Schedule				
MW - 20	08/16/07	Not Sampled on Current Sample Schedule				
MW - 20	11/07/07	<0.005	<0.005	<0.005	<0.005	
MW - 20	02/12/08	Not Sampled on Current Sample Schedule				
MW - 20	05/15/08	Not Sampled on Current Sample Schedule				
MW - 20	08/19/08	Not Sampled on Current Sample Schedule				
MW - 20	11/13/08	<0.001	<0.001	0.0042	<0.001	
MW - 20	02/11/09	Not Sampled on Current Sample Schedule				
MW - 20	05/13/09	Not Sampled on Current Sample Schedule				
MW - 20	08/11/09	Not Sampled on Current Sample Schedule				
MW - 20	11/23/09	<0.001	<0.001	<0.001	<0.001	
MW - 20	02/10/10	Not Sampled on Current Sample Schedule				
MW - 20	05/25/10	Not Sampled on Current Sample Schedule				
MW - 20	08/12/10	Not Sampled on Current Sample Schedule				
MW - 20	11/17/10	<0.001	<0.001	<0.001	<0.001	
MW - 20	02/22/11	Not Sampled on Current Sample Schedule				
MW - 20	05/17/11	Not Sampled on Current Sample Schedule				
MW - 20	08/11/11	Not Sampled on Current Sample Schedule				
MW - 20	11/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 20	03/01/12	Not Sampled on Current Sample Schedule				
MW - 20	05/23/12	Not Sampled on Current Sample Schedule				
MW - 20	08/09/12	Not Sampled on Current Sample Schedule				
MW - 20	11/20/12	0.0173	<0.001	<0.001	<0.001	
MW - 20	02/12/13	Not Sampled on Current Sample Schedule				
MW - 20	05/15/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 20	08/07/13	Not Sampled on Current Sample Schedule				
MW - 20	11/26/13	0.0509	<0.00100	0.0186	<0.00300	
MW - 20	02/10/14	Not Sampled on Current Sample Schedule				
MW - 20	05/22/14	0.00810	<0.00100	0.00470	<0.00300	
MW - 20	08/13/14	Not Sampled on Current Sample Schedule				
MW - 20	11/05/14	<0.0100	<0.0100	<0.0100	<0.0100	
MW - 21	06/07/02	<0.001	<0.001	<0.001	<0.001	<0.001

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030					
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE	
NMOCB REGULATORY GUIDELINE		0.010	0.750	0.750	0.620		
MW - 21	09/27/02	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 21	12/04/02	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 21	02/26/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 21	05/22/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 21	08/27/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 21	11/25/03	<0.001	<0.001	<0.001	<0.002	<0.001	
MW - 21	02/10/04	<0.001	<0.001	<0.001	<0.002	<0.001	
MW - 21	12/01/04	<0.005	<0.005	<0.005	<0.005		
MW - 21	03/10/05	Not Sampled on Current Sample Schedule					
MW - 21	06/11/05	Not Sampled on Current Sample Schedule					
MW - 21	09/09/05	Not Sampled on Current Sample Schedule					
MW - 21	12/05/05	<0.001	<0.001	<0.001	<0.001		
MW - 21	03/09/06	Not Sampled on Current Sample Schedule					
MW - 21	06/08/06	Not Sampled on Current Sample Schedule					
MW - 21	09/13/06	Not Sampled on Current Sample Schedule					
MW - 21	11/29/06	<0.001	<0.001	<0.001	<0.001		
MW - 21	02/26/07	Not Sampled on Current Sample Schedule					
MW - 21	05/21/07	Not Sampled on Current Sample Schedule					
MW - 21	08/16/07	Not Sampled on Current Sample Schedule					
MW - 21	11/07/07	<0.001	<0.001	<0.001	<0.001		
MW - 21	02/12/08	Not Sampled on Current Sample Schedule					
MW - 21	05/15/08	Not Sampled on Current Sample Schedule					
MW - 21	08/19/08	Not Sampled on Current Sample Schedule					
MW - 21	11/13/08	<0.001	<0.001	<0.001	<0.001		
MW - 21	02/11/09	Not Sampled on Current Sample Schedule					
MW - 21	05/13/09	Not Sampled on Current Sample Schedule					
MW - 21	08/11/09	Not Sampled on Current Sample Schedule					
MW - 21	11/23/09	<0.001	<0.001	<0.001	<0.001		
MW - 21	02/10/10	Not Sampled on Current Sample Schedule					
MW - 21	05/25/10	Not Sampled on Current Sample Schedule					
MW - 21	08/12/10	Not Sampled on Current Sample Schedule					
MW - 21	11/17/10	<0.001	<0.001	<0.001	<0.001		
MW - 21	02/22/11	Not Sampled on Current Sample Schedule					
MW - 21	05/17/11	Not Sampled on Current Sample Schedule					
MW - 21	08/11/11	Not Sampled on Current Sample Schedule					
MW - 21	11/09/11	<0.001	<0.001	<0.001	<0.001		
MW - 21	03/01/12	Not Sampled on Current Sample Schedule					
MW - 21	05/23/12	Not Sampled on Current Sample Schedule					
MW - 21	08/09/12	Not Sampled on Current Sample Schedule					
MW - 21	11/20/12	<0.001	<0.001	<0.001	<0.001		

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOC D REGULATORY GUIDELINE		0.010	0.750	0.750	0.620	
MW - 21	02/12/13	Not Sampled on Current Sample Schedule				
MW - 21	05/15/13	Not Sampled on Current Sample Schedule				
MW - 21	08/07/13	Not Sampled on Current Sample Schedule				
MW - 21	11/26/13	<0.001	<0.001	<0.001	<0.00300	
MW - 21	02/10/14	Not Sampled on Current Sample Schedule				
MW - 21	05/22/14	Not Sampled on Current Sample Schedule				
MW - 21	08/13/14	Not Sampled on Current Sample Schedule				
MW - 21	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 22	06/07/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 22	09/27/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 22	12/04/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 22	02/26/03	0.0030	<0.001	<0.001	<0.001	<0.001
MW - 22	05/22/03	0.0070	<0.001	<0.001	<0.001	<0.001
MW - 22	08/27/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 22	11/25/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 22	02/10/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 22	12/01/04	<0.001	<0.001	<0.001	<0.001	
MW - 22	03/10/05	Not Sampled on Current Sample Schedule				
MW - 22	06/11/05	<0.001	<0.001	<0.001	<0.001	
MW - 22	09/09/05	Not Sampled on Current Sample Schedule				
MW - 22	12/05/05	<0.001	<0.001	<0.001	<0.001	
MW - 22	03/09/06	Not Sampled on Current Sample Schedule				
MW - 22	06/08/06	Not Sampled on Current Sample Schedule				
MW - 22	09/13/06	Not Sampled on Current Sample Schedule				
MW - 22	11/29/06	<0.001	<0.001	<0.001	<0.001	
MW - 22	02/26/07	Not Sampled on Current Sample Schedule				
MW - 22	05/21/07	Not Sampled on Current Sample Schedule				
MW - 22	08/16/07	Not Sampled on Current Sample Schedule				
MW - 22	11/07/07	<0.001	<0.001	<0.001	<0.001	
MW - 22	02/12/08	Not Sampled on Current Sample Schedule				
MW - 22	05/15/08	Not Sampled on Current Sample Schedule				
MW - 22	08/19/08	Not Sampled on Current Sample Schedule				
MW - 22	11/13/08	<0.001	<0.001	<0.001	<0.001	
MW - 22	02/11/09	Not Sampled on Current Sample Schedule				
MW - 22	05/13/09	Not Sampled on Current Sample Schedule				
MW - 22	08/11/09	Not Sampled on Current Sample Schedule				
MW - 22	11/23/09	<0.001	<0.001	<0.001	<0.001	
MW - 22	02/10/10	Not Sampled on Current Sample Schedule				
MW - 22	05/25/10	Not Sampled on Current Sample Schedule				

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

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SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOC D REGULATORY GUIDELINE		0.010	0.750	0.750	0.620	
MW - 22	08/12/10	Not Sampled on Current Sample Schedule				
MW - 22	11/17/10	<0.001	<0.001	<0.001	<0.001	
MW - 22	02/22/11	Not Sampled on Current Sample Schedule				
MW - 22	05/17/11	Not Sampled on Current Sample Schedule				
MW - 22	08/11/11	Not Sampled on Current Sample Schedule				
MW - 22	11/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 22	03/01/12	Not Sampled on Current Sample Schedule				
MW - 22	05/23/12	Not Sampled on Current Sample Schedule				
MW - 22	08/09/12	Not Sampled on Current Sample Schedule				
MW - 22	11/20/12	<0.001	<0.001	<0.001	<0.001	
MW - 22	02/12/13	Not Sampled on Current Sample Schedule				
MW - 22	05/15/13	Not Sampled on Current Sample Schedule				
MW - 22	08/07/13	Not Sampled on Current Sample Schedule				
MW - 22	11/26/13	<0.001	<0.001	<0.001	<0.00300	
MW - 22	02/10/14	Not Sampled on Current Sample Schedule				
MW - 22	05/22/14	Not Sampled on Current Sample Schedule				
MW - 22	08/13/14	Not Sampled on Current Sample Schedule				
MW - 22	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 23	06/07/02	0.3490	<0.001	0.1660	0.0020	<0.001
MW - 23	09/27/02	0.6080	<0.001	0.1350	0.0010	<0.001
MW - 23	12/05/02	0.2470	<0.001	0.0370	0.0020	0.0010
MW - 23	02/26/03	0.2440	<0.001	0.0070	<0.001	<0.001
MW - 23	05/22/03	0.1500	<0.001	0.0160	<0.001	<0.001
MW - 23	08/27/03	0.0400	<0.001	0.0040	<0.001	<0.001
MW - 23	11/25/03	0.0310	<0.001	<0.001	<0.002	<0.001
MW - 23	02/10/04	0.0540	<0.001	0.0010	<0.002	<0.001
MW - 23	05/10/04	0.0961	<0.001	0.0010	<0.002	<0.001
MW - 23	08/25/04	0.0110	<0.001	<0.001	<0.002	<0.001
MW - 23	12/01/04	0.0297	<0.001	<0.001	<0.001	
MW - 23	03/10/05	0.5160	0.0051	<0.005	0.0181	
MW - 23	06/11/05	0.5670	<0.005	<0.005	0.0081	
MW - 23	09/09/05	0.6770	<0.1	<0.1	<0.1	
MW - 23	12/05/05	0.9620	<0.02	0.0857	<0.02	
MW - 23	03/09/06	1.2600	<0.02	0.1180	0.0466	
MW - 23	06/08/06	1.2200	<0.02	0.0468	0.0233	
MW - 23	09/15/06	1.1900	<0.02	0.0206	<0.02	
MW - 23	11/29/06	1.1400	<0.01	0.0503	0.0670	
MW - 23	02/26/07	1.6000	<0.01	0.0703	0.0531	
MW - 23	05/21/07	1.2000	<0.01	0.0263	0.0424	

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

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SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOC D REGULATORY GUIDELINE		0.010	0.750	0.750	0.620	
MW - 23	08/16/07	1.5400	<0.01	<0.01	<0.01	
MW - 23	11/07/07	2.3400	<0.01	<0.01	<0.01	
MW - 23	02/12/08	1.6900	<0.02	0.0524	0.0554	
MW - 23	05/15/08	1.6100	<0.01	0.0151	0.0495	
MW - 23	08/19/08	1.8800	<0.01	0.0301	0.0551	
MW - 23	11/13/08	1.2000	<0.0200	<0.0200	0.0628	
MW - 23	02/11/09	1.1500	<0.0200	<0.0200	0.0291	
MW - 23	05/13/09	1.0000	<0.0200	<0.0200	0.2590	
MW - 23	08/11/09	0.8280	<0.0200	<0.0200	<0.0200	
MW - 23	11/23/09	0.4880	<0.0200	<0.0200	<0.0200	
MW - 23	02/10/10	0.6340	<0.0200	<0.0200	<0.0200	
MW - 23	05/25/10	0.2730	0.0850	0.0820	0.2550	
MW - 23	08/12/10	0.3210	<0.0500	<0.0500	<0.0500	
MW - 23	11/17/10	0.3570	<0.0500	<0.0500	<0.0500	
MW - 23	02/22/11	0.2950	<0.0200	<0.0200	<0.0200	
MW - 23	05/17/11	0.3680	<0.0200	0.1160	<0.0200	
MW - 23	08/11/11	0.2850	<0.0200	<0.0200	<0.0200	
MW - 23	11/09/11	0.2210	<0.0200	<0.0200	<0.0200	
MW - 23	03/01/12	0.3890	<0.0200	<0.0200	<0.0200	
MW - 23	05/23/12	0.4730	<0.050	<0.050	<0.050	
MW - 23	08/09/12	0.4170	<0.01	<0.01	<0.01	
MW - 23	11/20/12	0.336	<0.002	<0.002	<0.002	
MW - 23	02/12/13	0.338	<0.01	<0.01	<0.01	
MW - 23	05/15/13	0.00440	<0.00100	<0.00100	<0.00100	
MW - 23	08/07/13	0.00450	<0.00100	<0.00100	<0.00100	
MW - 23	11/26/13	0.00260	<0.00100	<0.00100	<0.00300	
MW - 23	02/10/14	0.526	<0.0500	<0.050	<0.150	
MW - 23	05/22/14	0.411	<0.0500	<0.0500	<0.150	
MW - 23	08/13/14	0.546	<0.0500	<0.0500	<0.0500	
MW - 23	11/05/14	0.00460	<0.00100	<0.00100	<0.00100	
MW - 24	06/07/02	2.9400	0.0160	0.8530	0.3590	0.1760
MW - 24	09/27/02	5.7900	0.7420	1.3100	0.3110	0.1630
MW - 24	12/05/02	3.2600	0.4140	1.2200	0.2380	0.1220
MW - 24	02/26/03	3.1400	0.5400	0.9880	0.2280	0.1540
MW - 24	05/22/03	2.6000	0.3800	0.9260	0.2090	0.1400
MW - 24	08/27/03	2.6500	0.0950	0.8180	0.1320	0.0610
MW - 24	11/25/03	2.8300	0.0470	0.9960	0.1480	0.0360
MW - 24	02/10/04	1.5000	0.0300	0.4310	0.0770	0.0180
MW - 24	05/10/04	2.5100	0.0432	0.7140	0.1130	0.0272

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCDC REGULATORY GUIDELINE		0.010	0.750	0.750	0.620	
MW - 24	08/25/04	0.5380	0.0038	0.1090	0.0800	0.0041
MW - 24	12/01/04	1.3000	<0.020	0.1960	0.0383	
MW - 24	03/10/05	1.8700	<0.1	0.2210	0.1160	
MW - 24	06/11/05	1.9000	<0.01	0.1090	0.0791	
MW - 24	09/09/05	2.3000	<0.1	0.1790	<0.1	
MW - 24	12/05/05	2.5100	<0.05	0.3200	<0.05	
MW - 24	03/09/06	2.9000	<0.02	0.5670	0.1820	
MW - 24	06/08/06	3.2300	<0.02	0.5710	0.1460	
MW - 24	09/15/06	2.9200	<0.02	0.5020	0.1000	
MW - 24	11/29/06	2.6400	<0.001	0.6160	0.2180	
MW - 24	02/26/07	3.0200	<0.02	0.6420	0.1530	
MW - 24	05/21/07	1.8900	<0.02	0.4540	0.0968	
MW - 24	08/16/07	2.7300	<0.02	0.3850	<0.02	
MW - 24	11/07/07	2.9200	<0.02	0.4690	0.1510	
MW - 24	02/12/08	2.6000	<0.02	0.3440	0.1310	
MW - 24	05/15/08	2.9200	<0.01	0.2830	0.1450	
MW - 24	08/19/08	2.7700	<0.01	0.3840	0.1440	
MW - 24	11/13/08	1.7500	<0.0200	0.2260	0.1020	
MW - 24	02/11/09	1.4600	<0.0200	0.1700	0.0833	
MW - 24	05/13/09	0.7330	<0.0200	0.1320	<0.0200	
MW - 24	08/11/09	1.0500	<0.0200	<0.0200	<0.0200	
MW - 24	11/23/09	1.1200	<0.0200	<0.0200	<0.0200	
MW - 24	02/10/10	0.9360	<0.0200	<0.0200	0.0846	
MW - 24	05/25/10	0.6930	0.0335	<0.02	0.0991	
MW - 24	08/12/10	1.4700	<0.0500	<0.0500	<0.0500	
MW - 24	11/17/10	1.8800	<0.0500	<0.0500	<0.0500	
MW - 24	02/22/11	2.5900	0.3380	<0.0500	1.1600	
MW - 24	05/17/11	2.9200	<0.0500	<0.0500	0.8390	
MW - 24	08/11/11	3.1000	<0.0500	0.3740	0.5480	
MW - 24	11/09/11	3.2600	<0.0500	0.3090	<0.0500	
MW - 24	03/01/12	1.1600	<0.020	<0.020	<0.020	
MW - 24	05/23/12	3.5900	<0.050	0.3570	0.1160	
MW - 24	08/09/12	0.0626	<0.001	0.0071	0.0033	
MW - 24	11/20/12	3.35	<0.01	0.375	0.1310	
MW - 24	02/12/13	3.66	<0.0100	0.462	0.1590	
MW - 24	05/15/13	4.00	<0.0500	0.502	0.152	
MW - 24	08/07/13	0.393	<0.0200	0.0487	0.0362	
MW - 24	11/26/13	4.14	<0.0500	0.997	0.291	
MW - 24	02/10/14	4.20	<0.0500	0.530	<0.150	
MW - 24	05/22/14	3.95	<0.0500	0.480	<0.150	

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCDC REGULATORY GUIDELINE		0.010	0.750	0.750	0.620	
MW - 24	08/13/14	4.69	<0.0500	0.750	0.198	
MW - 24	11/05/14	4.30	<0.0500	0.801	0.186	
MW - 25	06/07/02	0.8880	<0.005	0.4370	0.0050	<0.005
MW - 25	09/27/02	1.3300	0.0030	0.5080	0.0040	0.0030
MW - 25	12/05/02	0.7490	<0.001	0.1310	0.0050	0.0030
MW - 25	02/26/03	0.7950	0.0020	0.0430	0.0020	0.0030
MW - 25	05/22/03	0.6490	<0.001	0.0150	<0.001	0.0020
MW - 25	08/27/03	0.7360	<0.001	0.0200	<0.001	0.0020
MW - 25	11/25/03	0.7000	<0.001	0.0200	0.0040	0.0020
MW - 25	02/10/04	0.9030	<0.001	0.0490	0.0020	0.0020
MW - 25	05/10/04	0.7310	<0.001	0.0115	<0.002	<0.001
MW - 25	08/25/04	0.8670	<0.001	<0.001	<0.002	<0.001
MW - 25	12/01/04	0.4550	<0.0200	<0.0200	<0.020	
MW - 25	03/10/05	0.5420	<0.005	<0.005	<0.005	
MW - 25	06/11/05	0.4260	<0.005	<0.005	<0.005	
MW - 25	09/09/05	0.3970	<0.01	<0.01	<0.01	
MW - 25	12/05/05	0.3620	<0.01	<0.01	<0.01	
MW - 25	03/09/06	0.4170	<0.01	<0.01	<0.01	
MW - 25	06/08/06	0.2470	<0.02	<0.02	<0.02	
MW - 25	09/15/06	0.3320	<0.001	<0.001	<0.001	
MW - 25	11/29/06	0.2910	<0.001	<0.001	<0.001	
MW - 25	02/26/07	0.3820	<0.005	<0.005	<0.005	
MW - 25	05/21/07	0.4170	<0.005	<0.005	<0.005	
MW - 25	08/16/07	0.8330	<0.005	<0.005	<0.005	
MW - 25	11/07/07	0.9320	<0.005	<0.005	<0.005	
MW - 25	02/12/08	0.7500	<0.005	<0.005	0.0132	
MW - 25	05/15/08	0.6980	<0.0100	<0.0100	<0.0100	
MW - 25	08/19/08	0.7230	<0.00500	<0.00500	0.0154	
MW - 25	11/13/08	0.6240	<0.00500	<0.00500	<0.00500	
MW - 25	02/11/09	0.4420	0.0099	0.0196	0.0605	
MW - 25	05/13/09	0.5320	<0.005	<0.005	<0.005	
MW - 25	08/11/09	0.6000	<0.005	<0.005	<0.005	
MW - 25	11/23/09	0.4850	<0.005	<0.005	<0.005	
MW - 25	02/10/10	0.5020	<0.005	<0.005	<0.005	
MW - 25	05/25/10	0.2480	<0.005	<0.005	<0.005	
MW - 25	08/12/10	0.5730	<0.0500	<0.0500	<0.005	
MW - 25	11/17/10	0.7400	<0.0500	<0.0500	<0.0500	
MW - 25	02/22/11	0.9320	<0.0500	<0.0500	<0.0500	
MW - 25	05/17/11	0.9820	<0.0500	<0.0500	<0.0500	

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCDC REGULATORY GUIDELINE		0.010	0.750	0.750	0.620	
MW - 25	08/11/11	0.6830	<0.0500	<0.0500	<0.0500	
MW - 25	11/09/11	0.4900	<0.0500	<0.0500	<0.0500	
MW - 25	03/01/12	0.9170	<0.0500	<0.0500	<0.0500	
MW - 25	05/23/12	0.8220	<0.0500	<0.0500	<0.0500	
MW - 25	08/09/12	0.0129	<0.001	0.0010	0.0020	
MW - 25	11/20/12	0.662	<0.01	<0.01	<0.01	
MW - 25	02/12/13	0.674	<0.0100	<0.0100	<0.0100	
MW - 25	05/15/13	0.204	<0.00100	<0.00100	0.00460	
MW - 25	08/13/13	0.634	<0.0500	<0.0500	<0.0500	
MW - 25	11/26/13	Dry				
MW - 25	12/30/13	0.755	<0.0500	<0.0500	<0.150	
MW - 25	02/10/14	0.144	<0.0500	<0.0500	<0.150	
MW - 25	05/22/14	0.457	<0.0500	<0.0500	<0.150	
MW - 25	08/13/14	0.328	<0.0500	<0.0500	<0.0500	
MW - 25	11/05/14	0.0653	<0.00100	<0.00100	<0.00100	
MW - 26	06/07/02	0.0010	<0.001	0.0010	0.0010	<0.001
MW - 26	09/27/02	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 26	12/05/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 26	02/26/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 26	05/22/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 26	08/27/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 26	11/25/03	0.0010	<0.001	<0.001	<0.002	<0.001
MW - 26	02/10/04	0.0080	<0.001	0.0070	<0.002	<0.001
MW - 26	12/01/04	0.0016	<0.001	<0.001	<0.001	
MW - 26	03/10/05	Not Sampled on Current Sample Schedule				
MW - 26	06/11/05	0.0013	<0.001	<0.001	<0.001	<0.001
MW - 26	09/09/05	Not Sampled on Current Sample Schedule				
MW - 26	12/05/05	<0.005	<0.005	<0.005	<0.005	
MW - 26	03/09/06	Not Sampled on Current Sample Schedule				
MW - 26	06/08/06	Not Sampled on Current Sample Schedule				
MW - 26	09/13/06	Not Sampled on Current Sample Schedule				
MW - 26	11/29/06	0.0412	<0.001	0.0025	<0.001	
MW - 26	02/26/07	Not Sampled on Current Sample Schedule				
MW - 26	05/21/07	Not Sampled on Current Sample Schedule				
MW - 26	08/16/07	Not Sampled on Current Sample Schedule				
MW - 26	11/07/07	0.1200	<0.001	0.0107	0.0092	
MW - 26	02/12/08	0.0983	<0.001	0.0086	0.0050	
MW - 26	05/15/08	0.0949	<0.001	0.0082	<0.001	
MW - 26	08/18/08	0.0659	<0.005	0.0086	<0.005	

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCDC REGULATORY GUIDELINE		0.010	0.750	0.750	0.620	
MW - 26	11/13/08	0.0673	<0.001	0.0117	0.0182	
MW - 26	02/11/09	0.0406	<0.001	0.0071	0.0032	
MW - 26	05/13/09	0.0172	<0.001	0.0166	<0.001	
MW - 26	08/11/09	0.0124	<0.001	0.0088	<0.001	
MW - 26	11/23/09	<0.001	<0.001	<0.001	<0.001	
MW - 26	02/10/10	0.0026	<0.001	0.0053	<0.001	
MW - 26	05/25/10	0.0025	<0.001	<0.001	<0.001	
MW - 26	08/12/10	0.0013	<0.001	0.0017	0.0015	
MW - 26	11/17/10	<0.001	<0.001	<0.001	<0.001	
MW - 26	02/22/11	<0.001	<0.001	<0.001	<0.001	
MW - 26	05/17/11	<0.001	<0.001	<0.001	<0.001	
MW - 26	08/11/11	<0.001	<0.001	<0.001	<0.001	
MW - 26	11/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 26	03/01/12	<0.001	<0.001	<0.001	<0.001	
MW - 26	05/23/12	0.0010	<0.001	<0.001	<0.001	
MW - 26	08/09/12	0.0010	<0.001	0.0045	0.0074	
MW - 26	11/20/12	<0.001	<0.001	<0.001	<0.001	
MW - 26	02/12/13	Not Sampled on Current Sample Schedule				
MW - 26	05/15/13	<0.00500	<0.00500	<0.00500	<0.00500	
MW - 26	08/13/13	Not Sampled on Current Sample Schedule				
MW - 26	11/26/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 26	02/10/14	Not Sampled on Current Sample Schedule				
MW - 26	05/22/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 26	08/13/14	Not Sampled on Current Sample Schedule				
MW - 26	11/05/14	<0.00500	<0.00500	<0.00500	<0.00500	
MW - 27	06/07/02	0.0020	0.0020	0.0030	0.0040	0.0020
MW - 27	09/27/02	0.0010	<0.001	0.0010	<0.001	<0.001
MW - 27	12/05/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 27	02/26/03	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 27	05/22/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 27	08/27/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 27	11/25/03	0.0010	<0.001	<0.001	<0.002	<0.001
MW - 27	02/10/04	0.0210	<0.001	0.0030	<0.002	<0.001
MW - 27	05/10/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 27	08/25/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 27	12/01/04	<0.001	<0.001	<0.001	<0.001	
MW - 27	03/10/05	<0.005	<0.005	<0.005	<0.005	
MW - 27	06/10/05	<0.001	<0.001	<0.001	<0.001	
MW - 27	09/09/05	<0.001	<0.001	<0.001	<0.001	

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030					
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE	
NMOCD REGULATORY GUIDELINE		0.010	0.750	0.750	0.620		
MW - 27	12/05/05	<0.001	<0.001	<0.001	<0.001		
MW - 27	03/09/06	<0.005	<0.005	<0.005	<0.005		
MW - 27	06/08/06	<0.001	<0.001	<0.001	<0.001		
MW - 27	09/15/06	<0.001	<0.001	<0.001	<0.001		
MW - 27	11/29/06	<0.001	<0.001	<0.001	<0.001		
MW - 27	02/26/07	<0.001	<0.001	<0.001	0.0027		
MW - 27	05/21/07	<0.001	<0.001	<0.001	<0.001		
MW - 27	08/16/07	<0.001	<0.001	<0.001	<0.001		
MW - 27	11/07/07	<0.001	<0.001	<0.001	<0.001		
MW - 27	02/12/08	<0.001	<0.001	<0.001	<0.001		
MW - 27	05/15/08	<0.001	<0.001	<0.001	0.0013		
MW - 27	08/18/08	<0.001	<0.001	<0.001	0.0013		
MW - 27	11/13/08	<0.001	<0.001	<0.001	<0.001		
MW - 27	02/11/09	<0.001	<0.001	<0.001	<0.001		
MW - 27	05/13/09	<0.001	<0.001	<0.001	<0.001		
MW - 27	08/11/09	<0.001	<0.001	<0.001	<0.001		
MW - 27	11/23/09	<0.001	<0.001	<0.001	<0.001		
MW - 27	02/10/10	<0.001	<0.001	<0.001	<0.001		
MW - 27	05/25/10	<0.001	<0.001	<0.001	<0.001		
MW - 27	08/12/10	<0.001	<0.001	<0.001	0.0018		
MW - 27	11/17/10	<0.001	<0.001	<0.001	<0.001		
MW - 27	02/22/11	<0.001	<0.001	<0.001	<0.001		
MW - 27	05/17/11	<0.001	<0.001	<0.001	<0.001		
MW - 27	08/11/11	<0.001	<0.001	<0.001	<0.001		
MW - 27	11/09/11	<0.001	<0.001	<0.001	<0.001		
MW - 27	03/01/12	<0.001	<0.001	<0.001	<0.001		
MW - 27	05/23/12	<0.001	<0.001	<0.001	<0.001		
MW - 27	08/09/12	<0.001	<0.001	<0.001	0.0030		
MW - 27	11/20/12	<0.001	<0.001	<0.001	<0.001		
MW - 27	02/12/13	Not Sampled on Current Sample Schedule					
MW - 27	05/15/13	<0.00100	<0.00100	<0.00100	<0.00100		
MW - 27	08/13/13	Not Sampled on Current Sample Schedule					
MW - 27	11/26/13	<0.00100	<0.00100	<0.00100	<0.00300		
MW - 27	02/10/14	Not Sampled on Current Sample Schedule					
MW - 27	05/22/14	<0.00100	0.00600	<0.00100	0.00380		
MW - 27	08/13/14	Not Sampled on Current Sample Schedule					
MW - 27	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100		
MW - 28	06/07/02	<0.001	<0.001	0.0010	0.0020	<0.001	
MW - 28	09/27/02	<0.001	<0.001	<0.001	<0.001	<0.001	

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

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SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030					
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE	
NMOCD REGULATORY GUIDELINE		0.010	0.750	0.750	0.620		
MW - 28	12/04/02	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 28	02/26/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 28	05/22/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 28	08/27/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 28	11/25/03	<0.001	<0.001	<0.001	<0.002	<0.001	
MW - 28	02/10/04	0.0010	<0.001	<0.001	<0.002	<0.001	
MW - 28	12/01/04	<0.001	<0.001	<0.001	<0.001		
MW - 28	03/10/05	Not Sampled on Current Sample Schedule					
MW - 28	06/11/05	<0.001	<0.001	<0.001	<0.001		
MW - 28	09/09/05	Not Sampled on Current Sample Schedule					
MW - 28	12/05/05	0.0445	<0.001	<0.001	<0.001		
MW - 28	03/09/06	Not Sampled on Current Sample Schedule					
MW - 28	06/08/06	<0.001	<0.001	<0.001	<0.001		
MW - 28	09/13/06	Not Sampled on Current Sample Schedule					
MW - 28	11/29/06	<0.001	<0.001	<0.001	<0.001		
MW - 28	02/26/07	Not Sampled on Current Sample Schedule					
MW - 28	05/21/07	<0.001	<0.001	<0.001	<0.001		
MW - 28	08/16/07	Not Sampled on Current Sample Schedule					
MW - 28	11/07/07	<0.001	<0.001	<0.001	<0.001		
MW - 28	02/12/08	Not Sampled on Current Sample Schedule					
MW - 28	05/15/08	<0.001	<0.001	<0.001	<0.001		
MW - 28	08/18/08	Not Sampled on Current Sample Schedule					
MW - 28	11/13/08	<0.001	<0.001	<0.001	<0.001		
MW - 28	02/11/09	Not Sampled on Current Sample Schedule					
MW - 28	05/13/09	<0.001	<0.001	<0.001	<0.001		
MW - 28	08/11/09	Not Sampled on Current Sample Schedule					
MW - 28	11/23/09	<0.001	<0.001	<0.001	<0.001		
MW - 28	02/10/10	Not Sampled on Current Sample Schedule					
MW - 28	05/25/10	<0.001	<0.001	<0.001	<0.001		
MW - 28	08/12/10	Not Sampled on Current Sample Schedule					
MW - 28	11/17/10	<0.001	<0.001	<0.001	<0.001		
MW - 28	02/22/11	Not Sampled on Current Sample Schedule					
MW - 28	05/17/11	<0.001	<0.001	<0.001	<0.001		
MW - 28	08/11/11	Not Sampled on Current Sample Schedule					
MW - 28	11/09/11	<0.001	<0.001	<0.001	<0.001		
MW - 28	03/01/12	Not Sampled on Current Sample Schedule					
MW - 28	05/23/12	<0.001	<0.001	<0.001	<0.001		
MW - 28	08/09/12	Not Sampled on Current Sample Schedule					
MW - 28	11/20/12	<0.001	<0.001	<0.001	<0.001		
MW - 28	02/12/13	Not Sampled on Current Sample Schedule					

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

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SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOC D REGULATORY GUIDELINE		0.010	0.750	0.750	0.620	
MW - 28	05/15/13	Not Sampled on Current Sample Schedule				
MW - 28	08/13/13	Not Sampled on Current Sample Schedule				
MW - 28	11/26/13	<0.001	<0.001	<0.001	<0.00300	
MW - 28	02/10/14	Not Sampled on Current Sample Schedule				
MW - 28	05/22/14	Not Sampled on Current Sample Schedule				
MW - 28	08/13/14	Not Sampled on Current Sample Schedule				
MW - 28	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW-29	06/07/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW-29	09/27/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW-29	12/04/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW-29	02/26/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW-29	05/22/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW-29	08/27/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW-29	11/25/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW-29	02/10/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW-29	12/01/04	<0.001	<0.001	<0.001	<0.001	
MW-29	03/10/05	Not Sampled on Current Sample Schedule				
MW-29	06/10/05	<0.005	<0.005	<0.005	<0.005	
MW-29	09/09/05	Not Sampled on Current Sample Schedule				
MW-29	09/13/05	Plugged and Abandoned				
MW - 30	06/07/02	<0.001	0.0010	<0.001	<0.001	<0.001
MW - 30	09/27/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 30	12/04/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 30	02/26/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 30	05/22/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 30	08/27/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 30	11/25/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 30	02/10/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 30	12/01/04	<0.001	<0.001	<0.001	<0.001	
MW - 30	03/10/05	Not Sampled on Current Sample Schedule				
MW - 30	06/11/05	<0.001	<0.001	<0.001	<0.001	
MW - 30	09/09/05	Not Sampled on Current Sample Schedule				
MW - 30	12/05/05	<0.001	<0.001	<0.001	<0.001	
MW - 30	03/09/06	Not Sampled on Current Sample Schedule				
MW - 30	06/08/06	<0.001	<0.001	<0.001	<0.001	
MW - 30	09/13/06	Not Sampled on Current Sample Schedule				
MW - 30	11/29/06	<0.001	<0.001	<0.001	<0.001	
MW - 30	02/26/07	Not Sampled on Current Sample Schedule				

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCB REGULATORY GUIDELINE		0.010	0.750	0.750	0.620	
MW - 30	05/21/07	<0.001	<0.001	<0.001	<0.001	
MW - 30	08/16/07	Not Sampled on Current Sample Schedule				
MW - 30	11/07/07	<0.001	<0.001	<0.001	<0.001	
MW - 30	02/12/08	Not Sampled on Current Sample Schedule				
MW - 30	05/15/08	<0.001	<0.001	<0.001	<0.001	
MW - 30	08/18/08	Not Sampled on Current Sample Schedule				
MW - 30	11/13/08	<0.001	<0.001	<0.001	<0.001	
MW - 30	02/11/09	Not Sampled on Current Sample Schedule				
MW - 30	05/13/09	<0.001	<0.001	<0.001	<0.001	
MW - 30	08/11/09	Not Sampled on Current Sample Schedule				
MW - 30	11/23/09	<0.001	<0.001	<0.001	<0.001	
MW - 30	02/10/10	Not Sampled on Current Sample Schedule				
MW - 30	05/25/10	<0.001	<0.001	<0.001	<0.001	
MW - 30	08/12/10	Not Sampled on Current Sample Schedule				
MW - 30	11/17/10	<0.001	<0.001	<0.001	<0.001	
MW - 30	02/22/11	Not Sampled on Current Sample Schedule				
MW - 30	05/17/11	<0.001	<0.001	<0.001	<0.001	
MW - 30	08/11/11	Not Sampled on Current Sample Schedule				
MW - 30	11/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 30	03/01/12	Not Sampled on Current Sample Schedule				
MW - 30	05/23/12	<0.001	<0.001	<0.001	<0.001	
MW - 30	08/09/12	Not Sampled on Current Sample Schedule				
MW - 30	11/20/12	<0.001	<0.001	<0.001	<0.001	
MW - 30	02/12/13	Not Sampled on Current Sample Schedule				
MW - 30	05/15/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 30	08/13/13	Not Sampled on Current Sample Schedule				
MW - 30	11/26/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 30	02/10/14	Not Sampled on Current Sample Schedule				
MW - 30	05/22/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 30	08/13/14	Not Sampled on Current Sample Schedule				
MW - 30	11/05/14	<0.00100	<0.00100	<0.00100	<0.00100	
RW - 1	12/02/04	2.2100	0.6180	0.5560	0.4870	
RW - 1	03/10/05	2.2300	0.9230	0.8040	0.6250	
RW - 1	06/11/05	Not Sampled Due to PSH in Well				
RW - 1	09/09/05	Not Sampled Due to PSH in Well				
RW - 1	12/05/05	Not Sampled Due to PSH in Well				
RW - 1	03/09/06	Not Sampled Due to PSH in Well				
RW - 1	06/08/06	Not Sampled Due to PSH in Well				
RW - 1	09/13/06	Not Sampled Due to PSH in Well				

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.010	0.750	0.750	0.620	
RW - 1	11/29/06	Not Sampled Due to PSH in Well				
RW - 1	02/26/07	1.4000	0.2060	0.8690	0.4360	
RW - 1	05/21/07	1.0400	0.2480	0.5380	0.2800	
RW - 1	08/16/07	1.5100	0.4450	0.9140	0.4230	
RW - 1	11/07/07	1.5900	0.6790	0.8360	0.5260	
RW - 1	02/12/08	0.6850	0.1090	0.2520	0.1480	
RW - 1	05/15/08	1.5000	0.3900	0.7840	0.4090	
RW - 1	08/19/08	1.3700	0.3630	0.5260	0.2870	
RW - 1	11/13/08	1.3300	0.4410	0.6060	0.3410	
RW - 1	02/11/09	1.3200	0.2820	0.5390	0.2700	
RW - 1	05/13/09	1.3700	0.3600	0.5970	0.3730	
RW - 1	08/11/09	1.8700	0.4860	0.7490	0.4420	
RW - 1	11/23/09	1.2700	0.3550	0.5160	0.2300	
RW - 1	02/10/10	1.3900	0.2780	0.5440	0.2920	
RW - 1	05/25/10	1.4500	0.2650	0.5110	0.2720	
RW - 1	08/12/10	0.5610	<0.100	0.2000	0.1100	
RW - 1	11/17/10	1.3800	0.3960	0.6510	0.9500	
RW - 1	02/22/11	2.1200	0.9240	0.8210	3.7100	
RW - 1	05/17/11	1.9800	0.6830	<0.100	1.6400	
RW - 1	08/11/11	1.3600	0.4450	<0.100	0.9870	
RW - 1	11/09/11	0.5300	<0.100	<0.100	<0.100	
RW - 1	03/01/12	1.2100	<0.100	<0.100	<0.100	
RW - 1	05/23/12	0.8560	<0.100	0.2590	0.1700	
RW - 1	08/09/12	0.0056	<0.001	<0.001	0.0015	
RW - 1	11/20/12	0.336	<0.01	<0.01	0.0443	
RW - 1	02/12/13	0.254	<0.005	0.0470	<0.005	
RW - 1	05/15/13	0.599	<0.0500	0.0768	0.0610	
RW - 1	08/07/13	0.246	<0.0500	0.0298	<0.00500	
RW - 1	11/26/13	0.219	0.0024	0.0238	0.0244	
RW - 1	02/10/14	1.24	<0.0500	0.272	0.189	
RW - 1	05/22/14	0.456	<0.0500	0.0640	<0.150	
RW - 1	08/13/14	Not Sampled Due to PSH in Well				
RW - 1	11/05/14	0.280	<0.0500	0.108	0.0909	
RW - 2	12/02/04	1.1400	<0.200	0.3540	0.3700	
RW - 2	03/10/05	1.0800	<0.05	0.4160	0.3660	
RW - 2	06/11/05	Not Sampled Due to PSH in Well				
RW - 2	09/09/05	Not Sampled Due to PSH in Well				
RW - 2	12/05/05	Not Sampled Due to PSH in Well				
RW - 2	03/09/06	Not Sampled Due to PSH in Well				

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOC D REGULATORY GUIDELINE		0.010	0.750	0.750	0.620	
RW - 2	06/08/06	Not Sampled Due to PSH in Well				
RW - 2	09/13/06	Not Sampled Due to PSH in Well				
RW - 2	11/29/06	0.7600	<0.005	0.0609	0.2030	
RW - 2	02/26/07	0.9370	<0.01	0.6000	0.3520	
RW - 2	05/21/07	1.0000	<0.01	0.6040	0.4780	
RW - 2	08/16/07	1.0600	<0.01	0.4980	0.3080	
RW - 2	11/07/07	1.8000	<0.01	0.8540	0.6360	
RW - 2	02/12/08	0.6260	0.0147	0.2600	0.1680	
RW - 2	05/15/08	1.2400	<0.0100	0.5540	0.3610	
RW - 2	08/19/08	1.3000	<0.0100	0.4660	0.2860	
RW - 2	11/13/08	1.0500	<0.0100	0.4600	0.2980	
RW - 2	02/11/09	1.1100	<0.0100	0.4950	0.3040	
RW - 2	05/13/09	1.0400	<0.0100	0.5140	0.3970	
RW - 2	08/11/09	1.2700	<0.0100	0.6210	0.4260	
RW - 2	11/23/09	0.9010	<0.0100	0.3580	0.1570	
RW - 2	02/10/10	0.9460	<0.0100	0.4560	0.2680	
RW - 2	05/25/10	0.9600	<0.0100	0.3750	0.2200	
RW - 2	08/12/10	0.5140	<0.100	0.3980	0.2580	
RW - 2	11/17/10	1.0000	<0.100	0.5390	<0.100	
RW - 2	02/22/11	1.4900	<0.100	1.0400	1.9900	
RW - 2	05/17/11	1.7000	<0.100	<0.100	<0.100	
RW - 2	08/11/11	1.4400	<0.100	<0.100	<0.100	
RW - 2	11/09/11	0.2960	<0.100	<0.100	<0.100	
RW - 2	03/01/12	0.9620	<0.100	<0.100	<0.100	
RW - 2	05/23/12	1.0700	<0.050	0.3370	0.1150	
RW - 2	08/09/12	0.0135	<0.001	0.0047	0.0022	
RW - 2	11/20/12	0.335	<0.01	0.1240	0.0436	
RW - 2	02/12/13	0.132	<0.00500	<0.00500	<0.00500	
RW - 2	05/15/13	0.179	<0.0500	<0.0500	<0.0500	
RW - 2	08/07/13	0.836	<0.0100	0.2830	0.0835	
RW - 2	11/26/13	0.245	0.0013	0.1070	0.0390	
RW - 2	02/10/14	0.856	<0.0500	0.319	<0.150	
RW - 2	05/22/14	Not Sampled Due to PSH in Well				
RW - 2	08/13/14	Not Sampled Due to PSH in Well				
RW - 2	11/05/14	0.113	<0.0500	0.106	<0.0500	

Historic Table 3

TABLE 3

HISTORIC POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-18

MONUMENT, NEW MEXICO

NMOCD REFERENCE NUMBER AP-0013

All water concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---
MW-1	11/13/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
	11/23/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
	11/18/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/20/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/13/08	<0.00917	<0.00917	0.0389	<0.00917	<0.00917	<0.00917	<0.00917	<0.00917	<0.00917	<0.00917	<0.00917	0.0256	<0.00917	0.0385	<0.00917	0.0778	0.179	0.180	0.028
	11/23/09	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.00451	<0.000922	0.00667	<0.000922	0.0133	0.0304	0.0217	0.00353
	11/18/10	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00419	<0.000184	0.00164	0.0065	0.00198	0.00219
	12/14/11	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	0.00495	<0.000188	0.0154	0.0292	0.0174	0.00412
	11/20/12	<0.00948	<0.00948	<0.00948	<0.00948	<0.00948	<0.00948	<0.00948	<0.00948	<0.00948	<0.00948	<0.00948	<0.00948	<0.00948	0.0306	<0.00948	0.0202	0.0664	0.0179	<0.00948
	11/27/13	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
	11/05/14	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-3	11/13/08	<0.000184	0.000464	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00202	<0.000184	0.00241	<0.000184	0.00606	0.0137	0.00483	0.00215
	11/23/09	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.00996	<0.000922	0.0108	<0.000922	0.0294	0.0707	0.0332	0.00908
	11/18/10	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.000552	<0.000183	0.00091	<0.000183	0.00239	0.00485	0.000925	0.000708
	12/14/11	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	0.00294	<0.000188	0.00586	0.0197	0.00399	0.00269
	11/20/12	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	0.0145	<0.00190	<0.00190
	11/27/13	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4	11/13/08	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	0.00752	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	0.0307	<0.00463	0.0292	0.164	0.0532	0.024
	11/23/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00166	<0.000184	0.00161	<0.000184	0.0107	0.0229	0.00588	0.00198
	11/18/10	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00174	<0.000184	0.0017	<0.000184	0.0101	0.0162	0.00576	0.00232
	12/14/11	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	0.0124	<0.000187	0.0177	0.077	0.0227	0.0103
	11/20/12	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	0.0575	<0.00952	0.0707	0.292	0.115	<0.00952
	11/27/13	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.156	0.0511
	11/05/14	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.0631	0.308	0.0979	<0.000200

TABLE 3

HISTORIC POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-18

MONUMENT, NEW MEXICO

NMOCD REFERENCE NUMBER AP-0013

All water concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---
MW-5	11/13/08	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	0.00478	<0.00183	0.00528	<0.00183	0.0309	0.0417	0.0354	0.00485
	11/23/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00201	<0.000184	0.00176	<0.000184	0.0216	0.0285	0.023	0.00268
	11/18/10	Not Sampled due to well obstruction.																		
	12/16/11	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.00665	<0.000183	0.0281	0.038	0.0347	0.00581
	11/20/12	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	0.0598	0.142	0.122	<0.00952
	11/27/13	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.0349	0.0473	0.0367	<0.000200
	11/05/14	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.0358	0.0616	0.0266	<0.000200
MW-6	11/13/08	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	0.00723	<0.00185	0.00814	<0.00185	0.0282	0.0434	0.0336	0.00709
	11/23/09	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.00759	<0.000922	0.0116	<0.000922	0.00817	0.0327	0.00836	0.00702
	11/18/10	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.00264	<0.000183	0.00342	<0.000183	<0.000183	0.00393	<0.000183	0.00253
	12/14/11	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.0151	<0.000184	0.00838	0.0349	0.0078	0.010
	11/20/12	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	0.0173	<0.00952	0.0118	0.0395	<0.00952	<0.00952
	11/27/13	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.06000	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
	11/05/14	Not Sampled due to the presence of PSH.																		
MW-7	11/13/08	<0.00922	<0.00922	0.0744	<0.00922	<0.00922	<0.00922	<0.00922	<0.00922	0.0189	<0.00922	<0.00922	0.0648	<0.00922	0.0735	<0.00922	0.058	0.267	0.236	<0.00922
	11/23/09	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	0.0136	<0.000917	0.0184	<0.000917	0.0245	0.102	0.0863	0.0100
	11/18/10	Not Sampled due to the presence of PSH.																		
	12/14/11	Not Sampled due to the presence of PSH.																		
	11/20/12	Not Sampled due to the presence of PSH.																		
	11/27/13	Not Sampled due to the presence of PSH.																		
	11/05/14	Not Sampled due to the presence of PSH.																		
MW-8	11/13/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
	11/23/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
	11/18/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/20/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 3

HISTORIC POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-18

MONUMENT, NEW MEXICO

NMOCD REFERENCE NUMBER AP-0013

All water concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---	
MW-9	11/13/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
	11/23/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
	11/18/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/20/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	11/13/08	<0.000184	<0.000184	0.0108	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.0096	<0.000184	0.0107	<0.000184	0.00225	0.0289	<0.000184	0.00764
	11/23/09	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.00664	<0.000922	0.00726	<0.000922	0.00304	0.0277	<0.000922	0.00522
	11/18/10	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	0.00245	<0.000186	0.00321	<0.000186	0.00209	0.0146	0.000504	0.00286
	12/14/11	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00496	<0.000184	0.0031	0.0193	0.0015	0.00373
	11/20/12	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	0.0228	<0.00952	<0.00952
	11/27/13	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
	11/05/14	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.175	<0.000200	<0.000200
MW-11	11/13/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
	11/23/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
	11/18/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/20/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/13/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.000345
	11/23/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
	11/18/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/20/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 3

HISTORIC POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-18

MONUMENT, NEW MEXICO

NMOCD REFERENCE NUMBER AP-0013

All water concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---	
MW-14	11/13/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
	11/23/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
	11/18/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/20/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-15	11/13/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
	11/23/09	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	
	11/18/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/20/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	11/13/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
	11/23/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
	11/18/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/20/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-17	11/13/08	<0.000184	0.00022	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000306	<0.000184	<0.000184	0.00266	<0.000184	0.0023	<0.000184	0.0322	0.0261	0.0203	0.00292
	11/23/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00162	<0.000184	0.00138	<0.000184	0.0371	0.0300	0.0229	0.00205
	11/18/10	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	0.00107	<0.000186	0.000848	<0.000186	0.0155	0.0153	0.00854	0.00153
	12/14/11	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	0.00153	<0.000189	0.00133	<0.000189	0.0281	0.0384	0.0143	0.00238
	11/20/12	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	0.00336	<0.000190	0.00356	<0.000190	0.0483	0.0577	0.0254	0.00557
	11/27/13	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.09	0.0563	0.135	<0.000200
	11/05/14	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.117	0.149	0.0518	0.00678
MW-18	11/13/08	<0.000183	0.000247	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.00205	<0.000183	0.00123	<0.000183	0.0422	0.0326	0.021	0.00262

TABLE 3

HISTORIC POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-18

MONUMENT, NEW MEXICO

NMOCD REFERENCE NUMBER AP-0013

All water concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---	
	11/23/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00163	<0.000184	0.00166	<0.000184	0.0328	0.0282	0.0192	0.00186
	11/18/10	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	0.00112	<0.000186	0.000842	<0.000186	0.0247	0.0191	0.012	0.00162
	12/14/11	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.00147	<0.000183	0.00131	<0.000183	0.0278	0.0276	0.0157	0.00242
	11/20/12	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	0.00245	<0.000190	0.00222	<0.000190	0.0639	0.0479	0.0337	0.0045
	11/27/13	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.0835	0.0742	0.0525	<0.000200
	11/05/14	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.11	0.126	0.0458	<0.000200
MW-20	11/13/08	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	<0.000195	0.000303
	11/23/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
	11/18/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/20/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-21	11/13/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
	11/23/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
	11/18/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/20/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-22	11/13/08	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187
	11/23/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
	11/18/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/20/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	11/13/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000404	<0.000184	0.000367	0.00169	<0.000184	0.000831
	11/23/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
	11/18/10	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 3

HISTORIC POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-18

MONUMENT, NEW MEXICO

NMOCD REFERENCE NUMBER AP-0013

All water concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---
	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/20/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	11/13/08	<0.000184	<0.000184	0.000461	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000601	<0.000184	0.000453	<0.000184	0.00391	0.00634	0.00168	0.000818
	11/23/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
	11/18/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/20/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	11/13/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.000236	
	11/23/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000488	<0.000184	<0.000184	0.00226	<0.000184	
	11/18/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/20/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-26	11/13/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000315	<0.000184	0.000323	0.0015	<0.000184	
	11/23/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000766	<0.000184	<0.000184	<0.000184	0.00135	
	11/18/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/20/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-27	11/13/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
	11/23/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
	11/18/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 3

HISTORIC POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-18

MONUMENT, NEW MEXICO

NMOCD REFERENCE NUMBER AP-0013

All water concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---	
	11/20/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-28	11/13/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	
	11/23/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
	11/18/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/20/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-30	11/13/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
	11/23/09	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	
	11/18/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/14/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/20/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/05/14	Not Sampled as part of Quarterly Monitoring Event.																		
RW-1	11/13/08	<0.00459	<0.00459	<0.00459	<0.00459	<0.00459	<0.00459	<0.00459	<0.00459	<0.00459	<0.00459	<0.00459	0.0156	<0.00459	0.0224	<0.00459	0.058	0.100	0.0979	0.0141
	11/23/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00328	<0.000184	0.00392	<0.000184	0.0327	0.0366	0.0296	0.00341
	11/18/10	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00152	<0.000184	0.00281	<0.000184	0.00745	0.00615	0.00481	0.00187
	12/14/11	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.0135	<0.000184	0.0444	0.0785	0.0613	0.0101
	11/20/12	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	0.0167	<0.00190	0.0206	0.0592	0.0342	0.0139
	11/27/13	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
	11/05/14	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.061	0.145	0.393	<0.000200
RW-2	11/13/08	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	0.0194	<0.00461	0.0243	<0.00461	0.0508	0.118	0.106	0.0182
	11/23/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.00385	<0.000183	0.00386	<0.000183	0.0206	0.0413	0.0227	0.00346
	11/18/10	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	0.00403	<0.000188	0.0059	<0.000188	0.0114	0.0181	0.00745	0.00428
	12/14/11	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	0.00418	<0.000187	0.0148	0.0308	0.0154	0.00361
	11/20/12	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	<0.00190	0.00971	0.0287	0.0165	<0.00190
	11/27/13	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200

TABLE 3

HISTORIC POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-18

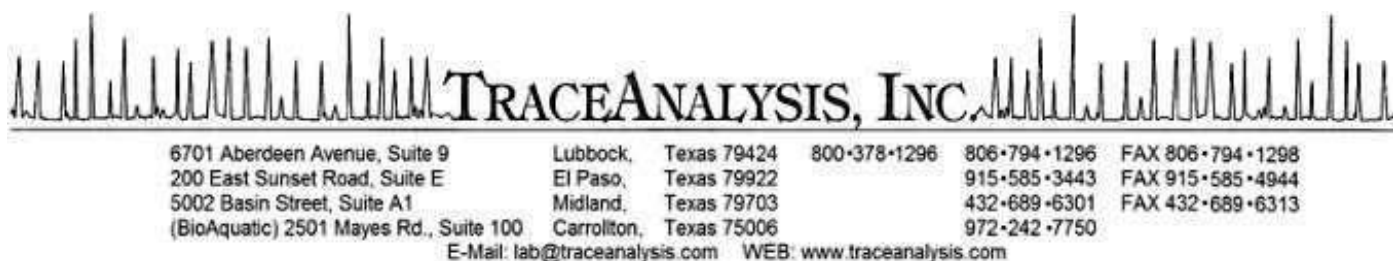
MONUMENT, NEW MEXICO

NMOCD REFERENCE NUMBER AP-0013

All water concentrations are reported in mg/L.

SAMPLE LOCATION		SAMPLE DATE	EPA SW846-8270C, 3510																	
			Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.			---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---
	11/05/14	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.0308	0.237	0.0858	<0.000200

Laboratory Reports



Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

Curt Stanley
 Nova Safety & Environmental
 2057 Commerce St.
 Midland, TX, 79703

Report Date: February 13, 2014

Work Order: 14021101



Project Location: Eunice, NM
 Project Name: 9718
 Project Number: TNM 97-18
 SRS #: TNM-97-18

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
354299	MW-23	water	2014-02-10	12:58	2014-02-11
354300	MW-2	water	2014-02-10	13:15	2014-02-11
354301	MW-6	water	2014-02-10	13:29	2014-02-11
354302	RW-1	water	2014-02-10	14:03	2014-02-11
354303	RW-2	water	2014-02-10	14:35	2014-02-11
354304	MW-10	water	2014-02-10	14:47	2014-02-11
354305	MW-3	water	2014-02-10	15:02	2014-02-11
354306	MW-4	water	2014-02-10	15:17	2014-02-11
354307	MW-25	water	2014-02-10	15:30	2014-02-11
354308	MW-5	water	2014-02-10	15:44	2014-02-11
354309	MW-17	water	2014-02-10	15:57	2014-02-11
354310	MW-18	water	2014-02-10	16:08	2014-02-11
354311	MW-24	water	2014-02-10	16:20	2014-02-11

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 17 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

A handwritten signature in black ink that reads "Michael Abel". The signature is written in a cursive, flowing style.

Dr. Blair Leftwich, Director
Dr. Michael Abel, Project Manager

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Case Narrative

Samples for project 9718 were received by TraceAnalysis, Inc. on 2014-02-11 and assigned to work order 14021101. Samples for work order 14021101 were received intact without headspace and at a temperature of 2.9 C.

Samples were analyzed for the following tests using their respective methods.

Test	Method	Prep Batch	Prep Date	QC Batch	Analysis Date
BTEX	S 8021B	92351	2014-02-12 at 13:35	109224	2014-02-13 at 08:10

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 14021101 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Report Date: February 13, 2014
TNM 97-18

Work Order: 14021101
9718

Page Number: 5 of 17
Eunice, NM

Analytical Report

Sample: 354299 - MW-23

Laboratory: Midland
Analysis: BTEX
QC Batch: 109224
Prep Batch: 92351

Analytical Method: S 8021B
Date Analyzed: 2014-02-13
Sample Preparation: 2014-02-12

Prep Method: S 5030B
Analyzed By: AK
Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.526	mg/L	50	0.00100
Toluene	U	1	<0.0500	mg/L	50	0.00100
Ethylbenzene	U	1	<0.0500	mg/L	50	0.00100
Xylene	U	1	<0.150	mg/L	50	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			4.94	mg/L	50	5.00	99	70 - 130
4-Bromofluorobenzene (4-BFB)			3.88	mg/L	50	5.00	78	70 - 130

Sample: 354300 - MW-2

Laboratory: Midland
Analysis: BTEX
QC Batch: 109224
Prep Batch: 92351

Analytical Method: S 8021B
Date Analyzed: 2014-02-13
Sample Preparation: 2014-02-12

Prep Method: S 5030B
Analyzed By: AK
Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.108	mg/L	50	0.00100
Toluene	U	1	<0.0500	mg/L	50	0.00100
Ethylbenzene	U	1	<0.0500	mg/L	50	0.00100
Xylene	U	1	<0.150	mg/L	50	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			4.94	mg/L	50	5.00	99	70 - 130
4-Bromofluorobenzene (4-BFB)			3.91	mg/L	50	5.00	78	70 - 130

Report Date: February 13, 2014
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Eunice, NM

Sample: 354301 - MW-6

Laboratory: Midland

Analysis: BTEX

QC Batch: 109224

Prep Batch: 92351

Analytical Method: S 8021B

Date Analyzed: 2014-02-13

Sample Preparation: 2014-02-12

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.0768	mg/L	50	0.00100
Toluene	U	1	<0.0500	mg/L	50	0.00100
Ethylbenzene	U	1	<0.0500	mg/L	50	0.00100
Xylene	U	1	<0.150	mg/L	50	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			4.92	mg/L	50	5.00	98	70 - 130
4-Bromofluorobenzene (4-BFB)			3.86	mg/L	50	5.00	77	70 - 130

Sample: 354302 - RW-1

Laboratory: Midland

Analysis: BTEX

QC Batch: 109224

Prep Batch: 92351

Analytical Method: S 8021B

Date Analyzed: 2014-02-13

Sample Preparation: 2014-02-12

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	1.24	mg/L	50	0.00100
Toluene		1	<0.0500	mg/L	50	0.00100
Ethylbenzene		1	0.272	mg/L	50	0.00100
Xylene		1	0.189	mg/L	50	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			5.09	mg/L	50	5.00	102	70 - 130
4-Bromofluorobenzene (4-BFB)			4.04	mg/L	50	5.00	81	70 - 130

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Eunice, NM

Sample: 354303 - RW-2

Laboratory: Midland

Analysis: BTEX

QC Batch: 109224

Prep Batch: 92351

Analytical Method: S 8021B

Date Analyzed: 2014-02-13

Sample Preparation: 2014-02-12

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.856	mg/L	50	0.00100
Toluene	u	1	<0.0500	mg/L	50	0.00100
Ethylbenzene		1	0.319	mg/L	50	0.00100
Xylene		1	<0.150	mg/L	50	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			5.03	mg/L	50	5.00	101	70 - 130
4-Bromofluorobenzene (4-BFB)			3.90	mg/L	50	5.00	78	70 - 130

Sample: 354304 - MW-10

Laboratory: Midland

Analysis: BTEX

QC Batch: 109224

Prep Batch: 92351

Analytical Method: S 8021B

Date Analyzed: 2014-02-13

Sample Preparation: 2014-02-12

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.201	mg/L	50	0.00100
Toluene	u	1	<0.0500	mg/L	50	0.00100
Ethylbenzene	u	1	<0.0500	mg/L	50	0.00100
Xylene	u	1	<0.150	mg/L	50	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			4.62	mg/L	50	5.00	92	70 - 130
4-Bromofluorobenzene (4-BFB)			3.85	mg/L	50	5.00	77	70 - 130

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Eunice, NM

Sample: 354305 - MW-3

Laboratory: Midland

Analysis: BTEX

QC Batch: 109224

Prep Batch: 92351

Analytical Method: S 8021B

Date Analyzed: 2014-02-13

Sample Preparation: 2014-02-12

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.890	mg/L	50	0.00100
Toluene	u	1	<0.0500	mg/L	50	0.00100
Ethylbenzene	u	1	<0.0500	mg/L	50	0.00100
Xylene		1	<0.150	mg/L	50	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			5.10	mg/L	50	5.00	102	70 - 130
4-Bromofluorobenzene (4-BFB)			3.89	mg/L	50	5.00	78	70 - 130

Sample: 354306 - MW-4

Laboratory: Midland

Analysis: BTEX

QC Batch: 109224

Prep Batch: 92351

Analytical Method: S 8021B

Date Analyzed: 2014-02-13

Sample Preparation: 2014-02-12

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	1.47	mg/L	50	0.00100
Toluene	u	1	<0.0500	mg/L	50	0.00100
Ethylbenzene	u	1	<0.0500	mg/L	50	0.00100
Xylene		1	0.229	mg/L	50	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			4.73	mg/L	50	5.00	95	70 - 130
4-Bromofluorobenzene (4-BFB)			4.03	mg/L	50	5.00	81	70 - 130

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Eunice, NM

Sample: 354307 - MW-25

Laboratory: Midland

Analysis: BTEX

QC Batch: 109224

Prep Batch: 92351

Analytical Method: S 8021B

Date Analyzed: 2014-02-13

Sample Preparation: 2014-02-12

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.144	mg/L	50	0.00100
Toluene	U	1	<0.0500	mg/L	50	0.00100
Ethylbenzene	U	1	<0.0500	mg/L	50	0.00100
Xylene	U	1	<0.150	mg/L	50	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			4.98	mg/L	50	5.00	100	70 - 130
4-Bromofluorobenzene (4-BFB)			3.93	mg/L	50	5.00	79	70 - 130

Sample: 354308 - MW-5

Laboratory: Midland

Analysis: BTEX

QC Batch: 109224

Prep Batch: 92351

Analytical Method: S 8021B

Date Analyzed: 2014-02-13

Sample Preparation: 2014-02-12

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	1.29	mg/L	50	0.00100
Toluene	U	1	<0.0500	mg/L	50	0.00100
Ethylbenzene		1	0.452	mg/L	50	0.00100
Xylene		1	<0.150	mg/L	50	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			4.82	mg/L	50	5.00	96	70 - 130
4-Bromofluorobenzene (4-BFB)			4.02	mg/L	50	5.00	80	70 - 130

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Eunice, NM

Sample: 354309 - MW-17

Laboratory: Midland

Analysis: BTEX

QC Batch: 109224

Prep Batch: 92351

Analytical Method: S 8021B

Date Analyzed: 2014-02-13

Sample Preparation: 2014-02-12

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	2.33	mg/L	50	0.00100
Toluene	u	1	<0.0500	mg/L	50	0.00100
Ethylbenzene		1	1.12	mg/L	50	0.00100
Xylene		1	0.254	mg/L	50	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			4.89	mg/L	50	5.00	98	70 - 130
4-Bromofluorobenzene (4-BFB)			4.02	mg/L	50	5.00	80	70 - 130

Sample: 354310 - MW-18

Laboratory: Midland

Analysis: BTEX

QC Batch: 109224

Prep Batch: 92351

Analytical Method: S 8021B

Date Analyzed: 2014-02-13

Sample Preparation: 2014-02-12

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	2.89	mg/L	50	0.00100
Toluene	u	1	<0.0500	mg/L	50	0.00100
Ethylbenzene		1	1.66	mg/L	50	0.00100
Xylene		1	0.185	mg/L	50	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			4.91	mg/L	50	5.00	98	70 - 130
4-Bromofluorobenzene (4-BFB)			4.05	mg/L	50	5.00	81	70 - 130

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Sample: 354311 - MW-24

Laboratory: Midland
Analysis: BTEX
QC Batch: 109224
Prep Batch: 92351

Analytical Method: S 8021B
Date Analyzed: 2014-02-13
Sample Preparation: 2014-02-12

Prep Method: S 5030B
Analyzed By: AK
Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	4.20	mg/L	50	0.00100
Toluene	u	1	<0.0500	mg/L	50	0.00100
Ethylbenzene		1	0.530	mg/L	50	0.00100
Xylene		1	<0.150	mg/L	50	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			5.12	mg/L	50	5.00	102	70 - 130
4-Bromofluorobenzene (4-BFB)			4.02	mg/L	50	5.00	80	70 - 130

Method Blanks

Method Blank (1) QC Batch: 109224

QC Batch: 109224
Prep Batch: 92351

Date Analyzed: 2014-02-13
QC Preparation: 2014-02-12

Analyzed By: AK
Prepared By: AK

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1	<0.000238	mg/L	0.001
Toluene		1	<0.000181	mg/L	0.001
Ethylbenzene		1	<0.000247	mg/L	0.001
Xylene		1	<0.000189	mg/L	0.003

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.101	mg/L	1	0.100	101	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0791	mg/L	1	0.100	79	70 - 130

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 109224
Prep Batch: 92351

Date Analyzed: 2014-02-13
QC Preparation: 2014-02-12

Analyzed By: AK
Prepared By: AK

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.104	mg/L	1	0.100	<0.000238	104	70 - 130
Toluene		1	0.106	mg/L	1	0.100	<0.000181	106	70 - 130
Ethylbenzene		1	0.106	mg/L	1	0.100	<0.000247	106	70 - 130
Xylene		1	0.323	mg/L	1	0.300	<0.000189	108	70 - 130

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.110	mg/L	1	0.100	<0.000238	110	70 - 130	6	20
Toluene		1	0.112	mg/L	1	0.100	<0.000181	112	70 - 130	6	20
Ethylbenzene		1	0.109	mg/L	1	0.100	<0.000247	109	70 - 130	3	20
Xylene		1	0.334	mg/L	1	0.300	<0.000189	111	70 - 130	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCS Result	Units	Dil.	Spike Amount	LCS Rec.	LCS Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.103	0.103	mg/L	1	0.100	103	103	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0953	0.0951	mg/L	1	0.100	95	95	70 - 130

Matrix Spike (MS-1) Spiked Sample: 354283

QC Batch: 109224
Prep Batch: 92351

Date Analyzed: 2014-02-13
QC Preparation: 2014-02-12

Analyzed By: AK
Prepared By: AK

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	6.04	mg/L	50	5.00	0.3812	113	70 - 130
Toluene		1	5.86	mg/L	50	5.00	0.1549	114	70 - 130
Ethylbenzene		1	5.58	mg/L	50	5.00	<0.0124	112	70 - 130
Xylene		1	17.1	mg/L	50	15.0	<0.00945	114	70 - 130

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

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Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	5.90	mg/L	50	5.00	0.3812	110	70 - 130	2	20
Toluene		1	5.74	mg/L	50	5.00	0.1549	112	70 - 130	2	20
Ethylbenzene		1	5.47	mg/L	50	5.00	<0.0124	109	70 - 130	2	20
Xylene		1	16.8	mg/L	50	15.0	<0.00945	112	70 - 130	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	5.13	5.14	mg/L	50	5	103	103	70 - 130
4-Bromofluorobenzene (4-BFB)	4.77	4.73	mg/L	50	5	95	95	70 - 130

Calibration Standards

Standard (CCV-1)

QC Batch: 109224

Date Analyzed: 2014-02-13

Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.111	111	80 - 120	2014-02-13
Toluene		1	mg/L	0.100	0.111	111	80 - 120	2014-02-13
Ethylbenzene		1	mg/L	0.100	0.108	108	80 - 120	2014-02-13
Xylene		1	mg/L	0.300	0.329	110	80 - 120	2014-02-13

Standard (CCV-2)

QC Batch: 109224

Date Analyzed: 2014-02-13

Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.101	101	80 - 120	2014-02-13
Toluene		1	mg/L	0.100	0.102	102	80 - 120	2014-02-13
Ethylbenzene		1	mg/L	0.100	0.100	100	80 - 120	2014-02-13
Xylene		1	mg/L	0.300	0.308	103	80 - 120	2014-02-13

Standard (CCV-3)

QC Batch: 109224

Date Analyzed: 2014-02-13

Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0989	99	80 - 120	2014-02-13
Toluene		1	mg/L	0.100	0.101	101	80 - 120	2014-02-13
Ethylbenzene		1	mg/L	0.100	0.0985	98	80 - 120	2014-02-13
Xylene		1	mg/L	0.300	0.301	100	80 - 120	2014-02-13

Appendix

Report Definitions

Name	Definition
MDL	Method Detection Limit
MQL	Minimum Quantitation Limit
SDL	Sample Detection Limit

Laboratory Certifications

C	Certifying Authority	Certification Number	Laboratory Location
-	NCTRCA	WFWB384444Y0909	TraceAnalysis
-	DBE	VN 20657	TraceAnalysis
-	HUB	1752439743100-86536	TraceAnalysis
-	WBE	237019	TraceAnalysis
1	NELAP	T104704392-13-7	Midland

Standard Flags

F	Description
B	Analyte detected in the corresponding method blank above the method detection limit
H	Analyzed out of hold time
J	Estimated concentration
Jb	The analyte is positively identified and the value is approximated between the SDL and MQL. Sample contains less than ten times the concentration found in the method blank. The result should be considered non-detect to the SDL.
Je	Estimated concentration exceeding calibration range.
MI1	Split peak or shoulder peak
MI2	Instrument software did not integrate
MI3	Instrument software misidentified the peak
MI4	Instrument software integrated improperly
MI5	Baseline correction
Qc	Calibration check outside of laboratory limits.
Qr	RPD outside of laboratory limits
Qs	Spike recovery outside of laboratory limits.
Qsr	Surrogate recovery outside of laboratory limits.
U	The analyte is not detected above the SDL

Attachments

Report Date: February 13, 2014
TNM 97-18

Work Order: 14021101
9718

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Eunice, NM

The scanned attachments will follow this page.
Please note, each attachment may consist of more than one page.

TraceAnalysis, Inc.

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El Paso, Texas 79922
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Fax (915) 585-4944
1 (888) 588-4443BioAquatic Testing
2501 Mayes Rd., Ste 100
Carrollton, Texas 75006
Tel (972) 242-7750
Fax (972) 242-7750Brandon & Clark
3403 Industrial Blvd.
Hobbs, NM 88240
Tel (575) 392-7561
Fax (575) 392-4508

Company Name: Nova

Phone #: 432-520-7720

Address:

2051 Commerce Dr

Fax #:

Contact Person: Curt Stanley

E-mail:

Invoice to:

(If different from above)

Project #:

TNM 9718

Project Name:

9718

Project Location (including state):

Sampler Signature: *[Signature]*

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX			PRESERVATIVE METHOD					SAMPLING	
				WATER	AIR	SLUDGE	HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE	DATE	TIME
35499	MW-23	3	VDA	X			X			X		2/10/14	1258
300	MW-2												1315
301	MW-6												1329
302	RW-1												1403
303	RW-2												1435
304	MW-10												1447
305	MW-3												1502
306	MW-4												1517
307	MW-25												1530
308	MW-5												1544
309	MW-17												1557

Relinquished by: John Flores Nova	Company: Nova	Date: 2/11/14	Time: 8:05	Received by: <i>[Signature]</i>	Company: Nova	Date: 2/11/14	Time: 8:05	INST: <i>[Signature]</i>	Time: 8:05
Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST:	Time:
Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST:	Time:

LAB USE ONLY

REMARKS: CC: Amela
made ad allInfect Y/N
Headspace Y/N
Log-in-Review ☒Dry Weight Basis Required
TRRP Report Required
Check if Special Reporting
Limits Are Needed

LAB Order ID #

TraceAnalysis, Inc.

6701 Aberdeen Avenue, Suite 9
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 Tel (806) 794-1296
 Fax (806) 794-1298
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200 East Sunset Rd., Suite E
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Brandon & Clark
3403 Industrial Blvd.
Hobbs, NM 88240
Tel (575) 392-7561
Fax (575) 392-4508

email: lab@traceanalysis.com

Phone #: 432 520 7720

Fax #:

E-mail:

Invoice to:
(If different from above)

Project Name: 9718

Sampler Signature: 

Project Location (including state): NM

[illegible]

ANALYSIS REQUEST

(Circle or Specify Method No.)

[illegible]

REMARKS:

LAB USE ONLY

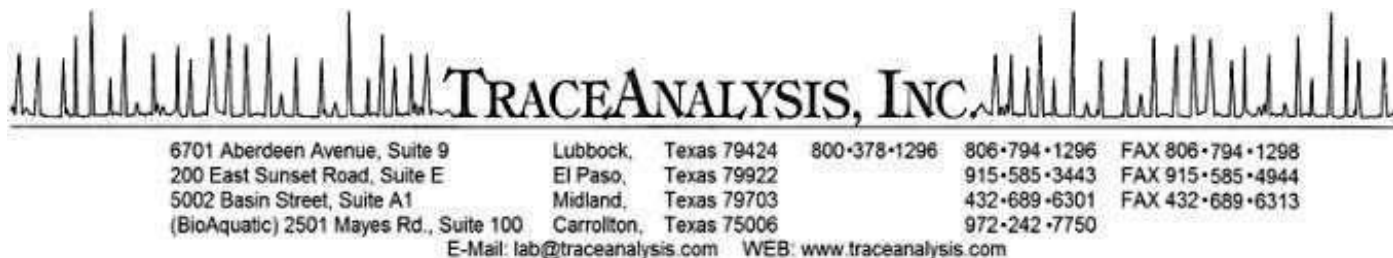
Intact YDN

Headspace γ -NANA

☐	Dry Weight Basis Required
☐	TRRP Report Required
☐	Check If Special Reporting Limits Are Needed

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C. O. C.

ORIGINAL COPY



Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

Curt Stanley
Nova Safety & Environmental
2057 Commerce St.
Midland, TX, 79703

Report Date: May 29, 2014

Work Order: 14052303



Project Location: Eunice, NM
Project Name: 9718
Project Number: TNM 97-18
SRS #: TNM-97-18

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
363834	MW-26	water	2014-05-22	12:03	2014-05-23
363835	MW-27	water	2014-05-22	12:12	2014-05-23
363836	MW-30	water	2014-05-22	12:20	2014-05-23
363837	MW-20	water	2014-05-22	12:28	2014-05-23
363838	MW-2	water	2014-05-22	12:46	2014-05-23
363839	MW-25	water	2014-05-22	13:02	2014-05-23
363840	MW-23	water	2014-05-22	13:16	2014-05-23
363841	MW-3	water	2014-05-22	13:23	2014-05-23
363842	RW-1	water	2014-05-22	13:33	2014-05-23
363843	MW-4	water	2014-05-22	13:44	2014-05-23
363844	MW-17	water	2014-05-22	13:59	2014-05-23
363845	MW-18	water	2014-05-22	14:06	2014-05-23
363846	MW-24	water	2014-05-22	14:15	2014-05-23

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 22 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

A handwritten signature in black ink that reads "Michael Abel". The signature is written in a cursive, flowing style.

Dr. Blair Leftwich, Director
Dr. Michael Abel, Project Manager

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Case Narrative

Samples for project 9718 were received by TraceAnalysis, Inc. on 2014-05-23 and assigned to work order 14052303. Samples for work order 14052303 were received intact without headspace and at a temperature of 2.9 C.

Samples were analyzed for the following tests using their respective methods.

Test	Method	Prep Batch	Prep Date	QC Batch	Analysis Date
BTEX	S 8021B	94886	2014-05-23 at 11:40	112264	2014-05-27 at 09:58
BTEX	S 8021B	94945	2014-05-27 at 09:30	112300	2014-05-28 at 07:26
BTEX	S 8021B	94993	2014-05-28 at 08:30	112358	2014-05-29 at 07:56

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 14052303 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

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Analytical Report

Sample: 363834 - MW-26

Laboratory: Midland
Analysis: BTEX
QC Batch: 112264
Prep Batch: 94886

Analytical Method: S 8021B
Date Analyzed: 2014-05-27
Sample Preparation: 2014-05-23

Prep Method: S 5030B
Analyzed By: AK
Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qr, Qs, U	1	<0.00100	mg/L	1	0.00100
Toluene	Qr, Qs, U	1	<0.00100	mg/L	1	0.00100
Ethylbenzene	Qr, Qs, U	1	<0.00100	mg/L	1	0.00100
Xylene	Qr, Qs, U	1	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0888	mg/L	1	0.100	89	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0770	mg/L	1	0.100	77	70 - 130

Sample: 363835 - MW-27

Laboratory: Midland
Analysis: BTEX
QC Batch: 112300
Prep Batch: 94945

Analytical Method: S 8021B
Date Analyzed: 2014-05-28
Sample Preparation: 2014-05-27

Prep Method: S 5030B
Analyzed By: AK
Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qr, Qs, U	1	<0.00100	mg/L	1	0.00100
Toluene	Qr, Qs	1	0.00600	mg/L	1	0.00100
Ethylbenzene	Qr, Qs, U	1	<0.00100	mg/L	1	0.00100
Xylene	Qr, Qs	1	0.00380	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0890	mg/L	1	0.100	89	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0812	mg/L	1	0.100	81	70 - 130

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Sample: 363836 - MW-30

Laboratory: Midland

Analysis: BTEX

QC Batch: 112358

Prep Batch: 94993

Analytical Method: S 8021B

Date Analyzed: 2014-05-29

Sample Preparation: 2014-05-28

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	U	1	<0.00100	mg/L	1	0.00100
Toluene	U	1	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	1	<0.00100	mg/L	1	0.00100
Xylene	U	1	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0884	mg/L	1	0.100	88	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0793	mg/L	1	0.100	79	70 - 130

Sample: 363837 - MW-20

Laboratory: Midland

Analysis: BTEX

QC Batch: 112300

Prep Batch: 94945

Analytical Method: S 8021B

Date Analyzed: 2014-05-28

Sample Preparation: 2014-05-27

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qr, Qs	1	0.00810	mg/L	1	0.00100
Toluene	Qr, Qs, U	1	<0.00100	mg/L	1	0.00100
Ethylbenzene	Qr, Qs	1	0.00470	mg/L	1	0.00100
Xylene	Qr, Qs	1	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0905	mg/L	1	0.100	90	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0832	mg/L	1	0.100	83	70 - 130

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Sample: 363838 - MW-2

Laboratory: Midland

Analysis: BTEX

QC Batch: 112300

Prep Batch: 94945

Analytical Method: S 8021B

Date Analyzed: 2014-05-28

Sample Preparation: 2014-05-27

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qr,Qs	1	0.140	mg/L	1	0.00100
Toluene	Qr,Qs,U	1	<0.00100	mg/L	1	0.00100
Ethylbenzene	Qr,Qs	1	0.00260	mg/L	1	0.00100
Xylene	Qr,Qs	1	0.0241	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0944	mg/L	1	0.100	94	70 - 130
4-Bromofluorobenzene (4-BFB)			0.107	mg/L	1	0.100	107	70 - 130

Sample: 363839 - MW-25

Laboratory: Midland

Analysis: BTEX

QC Batch: 112300

Prep Batch: 94945

Analytical Method: S 8021B

Date Analyzed: 2014-05-28

Sample Preparation: 2014-05-27

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qr,Qs	1	0.457	mg/L	50	0.00100
Toluene	Qr,Qs,U	1	<0.0500	mg/L	50	0.00100
Ethylbenzene	Qr,Qs,U	1	<0.0500	mg/L	50	0.00100
Xylene	Qr,Qs,U	1	<0.150	mg/L	50	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			4.54	mg/L	50	5.00	91	70 - 130
4-Bromofluorobenzene (4-BFB)			4.18	mg/L	50	5.00	84	70 - 130

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Sample: 363840 - MW-23

Laboratory: Midland

Analysis: BTEX

QC Batch: 112300

Prep Batch: 94945

Analytical Method: S 8021B

Date Analyzed: 2014-05-28

Sample Preparation: 2014-05-27

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qr, Qs	1	0.411	mg/L	50	0.00100
Toluene	Qr, Qs, U	1	<0.0500	mg/L	50	0.00100
Ethylbenzene	Qr, Qs, U	1	<0.0500	mg/L	50	0.00100
Xylene	Qr, Qs, U	1	<0.150	mg/L	50	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			4.43	mg/L	50	5.00	89	70 - 130
4-Bromofluorobenzene (4-BFB)			4.14	mg/L	50	5.00	83	70 - 130

Sample: 363841 - MW-3

Laboratory: Midland

Analysis: BTEX

QC Batch: 112300

Prep Batch: 94945

Analytical Method: S 8021B

Date Analyzed: 2014-05-28

Sample Preparation: 2014-05-27

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qr, Qs	1	0.396	mg/L	1	0.00100
Toluene	Qr, Qs, U	1	<0.00100	mg/L	1	0.00100
Ethylbenzene	Qr, Qs	1	0.00310	mg/L	1	0.00100
Xylene	Qr, Qs	1	0.0101	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0912	mg/L	1	0.100	91	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0932	mg/L	1	0.100	93	70 - 130

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Sample: 363842 - RW-1

Laboratory: Midland

Analysis: BTEX

QC Batch: 112300

Prep Batch: 94945

Analytical Method: S 8021B

Date Analyzed: 2014-05-28

Sample Preparation: 2014-05-27

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qr,Qs	1	0.456	mg/L	50	0.00100
Toluene	Qr,Qs,U	1	<0.0500	mg/L	50	0.00100
Ethylbenzene	Qr,Qs	1	0.0640	mg/L	50	0.00100
Xylene	Qr,Qs	1	<0.150	mg/L	50	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			4.31	mg/L	50	5.00	86	70 - 130
4-Bromofluorobenzene (4-BFB)			4.19	mg/L	50	5.00	84	70 - 130

Sample: 363843 - MW-4

Laboratory: Midland

Analysis: BTEX

QC Batch: 112358

Prep Batch: 94993

Analytical Method: S 8021B

Date Analyzed: 2014-05-29

Sample Preparation: 2014-05-28

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	1.17	mg/L	50	0.00100
Toluene	U	1	<0.0500	mg/L	50	0.00100
Ethylbenzene	U	1	<0.0500	mg/L	50	0.00100
Xylene		1	0.183	mg/L	50	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			4.44	mg/L	50	5.00	89	70 - 130
4-Bromofluorobenzene (4-BFB)			4.14	mg/L	50	5.00	83	70 - 130

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Sample: 363844 - MW-17

Laboratory: Midland

Analysis: BTEX

QC Batch: 112358

Prep Batch: 94993

Analytical Method: S 8021B

Date Analyzed: 2014-05-29

Sample Preparation: 2014-05-28

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	1.77	mg/L	50	0.00100
Toluene	u	1	<0.0500	mg/L	50	0.00100
Ethylbenzene		1	0.542	mg/L	50	0.00100
Xylene		1	0.190	mg/L	50	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			4.46	mg/L	50	5.00	89	70 - 130
4-Bromofluorobenzene (4-BFB)			4.23	mg/L	50	5.00	85	70 - 130

Sample: 363845 - MW-18

Laboratory: Midland

Analysis: BTEX

QC Batch: 112358

Prep Batch: 94993

Analytical Method: S 8021B

Date Analyzed: 2014-05-29

Sample Preparation: 2014-05-28

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	2.77	mg/L	50	0.00100
Toluene	u	1	<0.0500	mg/L	50	0.00100
Ethylbenzene		1	1.57	mg/L	50	0.00100
Xylene		1	0.174	mg/L	50	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			4.69	mg/L	50	5.00	94	70 - 130
4-Bromofluorobenzene (4-BFB)			4.40	mg/L	50	5.00	88	70 - 130

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Sample: 363846 - MW-24

Laboratory: Midland
Analysis: BTEX
QC Batch: 112358
Prep Batch: 94993

Analytical Method: S 8021B
Date Analyzed: 2014-05-29
Sample Preparation: 2014-05-28

Prep Method: S 5030B
Analyzed By: AK
Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	3.95	mg/L	50	0.00100
Toluene	u	1	<0.0500	mg/L	50	0.00100
Ethylbenzene		1	0.480	mg/L	50	0.00100
Xylene		1	<0.150	mg/L	50	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			4.33	mg/L	50	5.00	87	70 - 130
4-Bromofluorobenzene (4-BFB)			4.26	mg/L	50	5.00	85	70 - 130

Method Blanks

Method Blank (1) QC Batch: 112264

QC Batch: 112264 Date Analyzed: 2014-05-27 Analyzed By: AK
Prep Batch: 94886 QC Preparation: 2014-05-23 Prepared By: AK

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1	<0.000238	mg/L	0.001
Toluene		1	<0.000181	mg/L	0.001
Ethylbenzene		1	<0.000247	mg/L	0.001
Xylene		1	<0.000189	mg/L	0.003

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0888	mg/L	1	0.100	89	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0750	mg/L	1	0.100	75	70 - 130

Method Blank (1) QC Batch: 112300

QC Batch: 112300 Date Analyzed: 2014-05-28 Analyzed By: AK
Prep Batch: 94945 QC Preparation: 2014-05-27 Prepared By: AK

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1	<0.000238	mg/L	0.001
Toluene		1	<0.000181	mg/L	0.001
Ethylbenzene		1	<0.000247	mg/L	0.001
Xylene		1	<0.000189	mg/L	0.003

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0934	mg/L	1	0.100	93	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0821	mg/L	1	0.100	82	70 - 130

Method Blank (1) QC Batch: 112358

QC Batch: 112358 Date Analyzed: 2014-05-29 Analyzed By: AK
Prep Batch: 94993 QC Preparation: 2014-05-28 Prepared By: AK

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Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1	<0.000238	mg/L	0.001
Toluene		1	<0.000181	mg/L	0.001
Ethylbenzene		1	<0.000247	mg/L	0.001
Xylene		1	<0.000189	mg/L	0.003

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0919	mg/L	1	0.100	92	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0772	mg/L	1	0.100	77	70 - 130

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Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 112264
Prep Batch: 94886

Date Analyzed: 2014-05-27
QC Preparation: 2014-05-23

Analyzed By: AK
Prepared By: AK

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.0991	mg/L	1	0.100	<0.000238	99	70 - 130
Toluene		1	0.0998	mg/L	1	0.100	<0.000181	100	70 - 130
Ethylbenzene		1	0.0952	mg/L	1	0.100	<0.000247	95	70 - 130
Xylene		1	0.287	mg/L	1	0.300	<0.000189	96	70 - 130

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.103	mg/L	1	0.100	<0.000238	103	70 - 130	4	20
Toluene		1	0.104	mg/L	1	0.100	<0.000181	104	70 - 130	4	20
Ethylbenzene		1	0.0987	mg/L	1	0.100	<0.000247	99	70 - 130	4	20
Xylene		1	0.300	mg/L	1	0.300	<0.000189	100	70 - 130	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCS Result	Units	Dil.	Spike Amount	LCS Rec.	LCS Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0968	0.0962	mg/L	1	0.100	97	96	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0957	0.0956	mg/L	1	0.100	96	96	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 112300
Prep Batch: 94945

Date Analyzed: 2014-05-28
QC Preparation: 2014-05-27

Analyzed By: AK
Prepared By: AK

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.0991	mg/L	1	0.100	<0.000238	99	70 - 130
Toluene		1	0.101	mg/L	1	0.100	<0.000181	101	70 - 130
Ethylbenzene		1	0.0981	mg/L	1	0.100	<0.000247	98	70 - 130
Xylene		1	0.298	mg/L	1	0.300	<0.000189	99	70 - 130

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

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Param	F	C	LCSD		Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
			Result	Units							
Benzene		1	0.100	mg/L	1	0.100	<0.000238	100	70 - 130	1	20
Toluene		1	0.102	mg/L	1	0.100	<0.000181	102	70 - 130	1	20
Ethylbenzene		1	0.0990	mg/L	1	0.100	<0.000247	99	70 - 130	1	20
Xylene		1	0.301	mg/L	1	0.300	<0.000189	100	70 - 130	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0981	0.0968	mg/L	1	0.100	98	97	70 - 130
4-Bromofluorobenzene (4-BFB)	0.103	0.103	mg/L	1	0.100	103	103	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 112358
Prep Batch: 94993

Date Analyzed: 2014-05-29
QC Preparation: 2014-05-28

Analyzed By: AK
Prepared By: AK

Param	F	C	LCS		Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
			Result	Units					
Benzene		1	0.100	mg/L	1	0.100	<0.000238	100	70 - 130
Toluene		1	0.101	mg/L	1	0.100	<0.000181	101	70 - 130
Ethylbenzene		1	0.0944	mg/L	1	0.100	<0.000247	94	70 - 130
Xylene		1	0.286	mg/L	1	0.300	<0.000189	95	70 - 130

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	F	C	LCSD		Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
			Result	Units							
Benzene		1	0.105	mg/L	1	0.100	<0.000238	105	70 - 130	5	20
Toluene		1	0.105	mg/L	1	0.100	<0.000181	105	70 - 130	4	20
Ethylbenzene		1	0.0990	mg/L	1	0.100	<0.000247	99	70 - 130	5	20
Xylene		1	0.301	mg/L	1	0.300	<0.000189	100	70 - 130	5	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0963	0.0976	mg/L	1	0.100	96	98	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0946	0.0968	mg/L	1	0.100	95	97	70 - 130

Matrix Spikes

Matrix Spike (MS-1) Spiked Sample: 363813

QC Batch: 112264
Prep Batch: 94886

Date Analyzed: 2014-05-27
QC Preparation: 2014-05-23

Analyzed By: AK
Prepared By: AK

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	Qs	Qs	1	0.0402	mg/L	1	0.100	<0.000238	40 70 - 130
Toluene	Qs	Qs	1	0.0374	mg/L	1	0.100	<0.000181	37 70 - 130
Ethylbenzene	Qs	Qs	1	0.0332	mg/L	1	0.100	<0.000247	33 70 - 130
Xylene	Qs	Qs	1	0.102	mg/L	1	0.300	<0.000189	34 70 - 130

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	Qr,Qs	Qr,Qs	1	0.0601	mg/L	1	0.100	<0.000238	60 70 - 130	40	20
Toluene	Qr,Qs	Qr,Qs	1	0.0584	mg/L	1	0.100	<0.000181	58 70 - 130	44	20
Ethylbenzene	Qr,Qs	Qr,Qs	1	0.0520	mg/L	1	0.100	<0.000247	52 70 - 130	44	20
Xylene	Qr,Qs	Qr,Qs	1	0.159	mg/L	1	0.300	<0.000189	53 70 - 130	44	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0957	0.0977	mg/L	1	0.1	96	98	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0871	0.0912	mg/L	1	0.1	87	91	70 - 130

Matrix Spike (xMS-1) Spiked Sample: 363836

QC Batch: 112300
Prep Batch: 94945

Date Analyzed: 2014-05-28
QC Preparation: 2014-05-27

Analyzed By: AK
Prepared By: AK

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	Qs	Qs	1	0.0612	mg/L	1	0.100	<0.000238	61 70 - 130
Toluene	Qs	Qs	1	0.0592	mg/L	1	0.100	0.0028	56 70 - 130
Ethylbenzene	Qs	Qs	1	0.0547	mg/L	1	0.100	0.0017	53 70 - 130
Xylene	Qs	Qs	1	0.164	mg/L	1	0.300	0.0069	52 70 - 130

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

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Param				MSD		Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
	F	C	Result	Units								
Benzene	Q _r	Q _r	1	0.0820	mg/L	1	0.100	<0.000238	82	70 - 130	29	20
Toluene	Q _r	Q _r	1	0.0807	mg/L	1	0.100	0.0028	78	70 - 130	31	20
Ethylbenzene	Q _r	Q _r	1	0.0746	mg/L	1	0.100	0.0017	73	70 - 130	31	20
Xylene	Q _r	Q _r	1	0.228	mg/L	1	0.300	0.0069	74	70 - 130	33	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0969	0.0953	mg/L	1	0.1	97	95	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0968	0.0984	mg/L	1	0.1	97	98	70 - 130

Matrix Spike (MS-1) Spiked Sample: 363843

QC Batch: 112358
Prep Batch: 94993

Date Analyzed: 2014-05-29
QC Preparation: 2014-05-28

Analyzed By: AK
Prepared By: AK

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	6.23	mg/L	50	5.00	1.17	101	70 - 130
Toluene		1	5.03	mg/L	50	5.00	<0.00905	101	70 - 130
Ethylbenzene		1	4.75	mg/L	50	5.00	<0.0124	95	70 - 130
Xylene		1	14.5	mg/L	50	15.0	0.183	95	70 - 130

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	6.62	mg/L	50	5.00	1.17	109	70 - 130	6	20
Toluene		1	5.39	mg/L	50	5.00	<0.00905	108	70 - 130	7	20
Ethylbenzene		1	5.14	mg/L	50	5.00	<0.0124	103	70 - 130	8	20
Xylene		1	15.8	mg/L	50	15.0	0.183	104	70 - 130	9	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	4.87	4.78	mg/L	50	5	97	96	70 - 130
4-Bromofluorobenzene (4-BFB)	4.98	5.01	mg/L	50	5	100	100	70 - 130

Calibration Standards

Standard (CCV-2)

QC Batch: 112264

Date Analyzed: 2014-05-27

Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.101	101	80 - 120	2014-05-27
Toluene		1	mg/L	0.100	0.0999	100	80 - 120	2014-05-27
Ethylbenzene		1	mg/L	0.100	0.0939	94	80 - 120	2014-05-27
Xylene		1	mg/L	0.300	0.285	95	80 - 120	2014-05-27

Standard (CCV-3)

QC Batch: 112264

Date Analyzed: 2014-05-27

Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.103	103	80 - 120	2014-05-27
Toluene		1	mg/L	0.100	0.102	102	80 - 120	2014-05-27
Ethylbenzene		1	mg/L	0.100	0.0975	98	80 - 120	2014-05-27
Xylene		1	mg/L	0.300	0.294	98	80 - 120	2014-05-27

Standard (CCV-2)

QC Batch: 112300

Date Analyzed: 2014-05-28

Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.102	102	80 - 120	2014-05-28
Toluene		1	mg/L	0.100	0.103	103	80 - 120	2014-05-28
Ethylbenzene		1	mg/L	0.100	0.0968	97	80 - 120	2014-05-28
Xylene		1	mg/L	0.300	0.294	98	80 - 120	2014-05-28

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Standard (CCV-3)

QC Batch: 112300

Date Analyzed: 2014-05-28

Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0980	98	80 - 120	2014-05-28
Toluene		1	mg/L	0.100	0.0996	100	80 - 120	2014-05-28
Ethylbenzene		1	mg/L	0.100	0.0938	94	80 - 120	2014-05-28
Xylene		1	mg/L	0.300	0.283	94	80 - 120	2014-05-28

Standard (CCV-4)

QC Batch: 112300

Date Analyzed: 2014-05-28

Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0984	98	80 - 120	2014-05-28
Toluene		1	mg/L	0.100	0.0998	100	80 - 120	2014-05-28
Ethylbenzene		1	mg/L	0.100	0.0936	94	80 - 120	2014-05-28
Xylene		1	mg/L	0.300	0.282	94	80 - 120	2014-05-28

Standard (CCV-1)

QC Batch: 112358

Date Analyzed: 2014-05-29

Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.106	106	80 - 120	2014-05-29
Toluene		1	mg/L	0.100	0.107	107	80 - 120	2014-05-29
Ethylbenzene		1	mg/L	0.100	0.101	101	80 - 120	2014-05-29
Xylene		1	mg/L	0.300	0.308	103	80 - 120	2014-05-29

Standard (CCV-2)

QC Batch: 112358

Date Analyzed: 2014-05-29

Analyzed By: AK

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Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0975	98	80 - 120	2014-05-29
Toluene		1	mg/L	0.100	0.0965	96	80 - 120	2014-05-29
Ethylbenzene		1	mg/L	0.100	0.0888	89	80 - 120	2014-05-29
Xylene		1	mg/L	0.300	0.270	90	80 - 120	2014-05-29

Appendix

Report Definitions

Name	Definition
MDL	Method Detection Limit
MQL	Minimum Quantitation Limit
SDL	Sample Detection Limit

Laboratory Certifications

C	Certifying Authority	Certification Number	Laboratory Location
-	NCTRCA	WFWB384444Y0909	TraceAnalysis
-	DBE	VN 20657	TraceAnalysis
-	HUB	1752439743100-86536	TraceAnalysis
-	WBE	237019	TraceAnalysis
1	NELAP	T104704392-13-7	Midland

Standard Flags

F	Description
B	Analyte detected in the corresponding method blank above the method detection limit
H	Analyzed out of hold time
J	Estimated concentration
Jb	The analyte is positively identified and the value is approximated between the SDL and MQL. Sample contains less then ten times the concentration found in the method blank. The result should be considered non-detect to the SDL.
Je	Estimated concentration exceeding calibration range.
MI1	Split peak or shoulder peak
MI2	Instrument software did not integrate
MI3	Instrument software misidentified the peak
MI4	Instrument software integrated improperly
MI5	Baseline correction
Qc	Calibration check outside of laboratory limits.
Qr	RPD outside of laboratory limits
Qs	Spike recovery outside of laboratory limits.
Qsr	Surrogate recovery outside of laboratory limits.
U	The analyte is not detected above the SDL

Attachments

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The scanned attachments will follow this page.
Please note, each attachment may consist of more than one page.

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Company Name: Nova
Address: (Street, City, Zip)
2057 Commerce
Contact Person: Curt Stanley
E-mail: cstanley@nova.com
Invoice to: (If different from above)
Plains
Project #: TM 97-18
Project Location (including state):

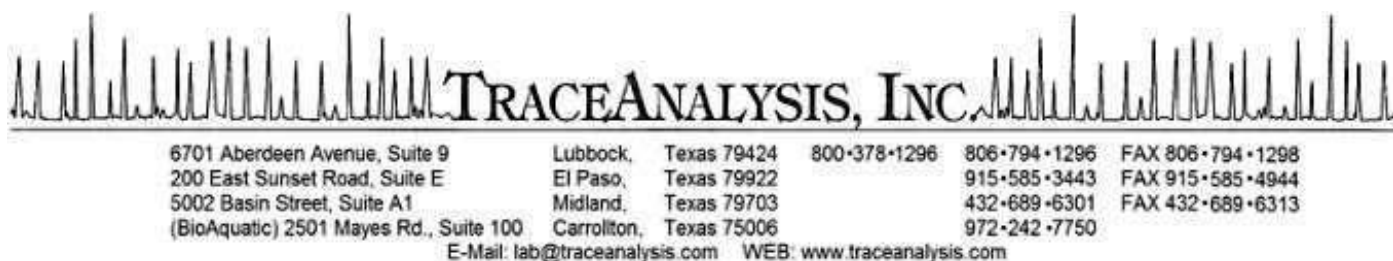
Phone #: (432) 520-7720
Fax #: (432) 520-7720
Project Name: 97-18
Sampler Signature: [Signature]
ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX			PRESERVATIVE METHOD					SAMPLING	
				WATER	AIR	SLUDGE	HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE	NONE	DATE
363834	mw 26	3	UJA	X			X					5/22/14	1203
835	mw 27												1212
836	mw 30												1220
837	mw 20												1228
838	mw 2												1246
839	mw 25												1302
840	mw 23												1316
841	mw 3												1323
842	Rw 1												1333
843	mw 4												1344
844	mw 17												1357

MTBE 8021 / 602 / 8260 / 624
BTX 8021 / 602 / 8260 / 624
TPH 418.1 / TX1005 / TX1005 Ext(C35)
TPH 8015 GRO / DRO / TVHC
PAH 8270 / 625
Total Metals Ag As Ba Cd Cr Pb Se Hg 6010/200.7
TCLP Metals Ag As Ba Cd Cr Pb Se Hg
TCLP Volatiles
TCLP Semi Volatiles
RCI
GC/MS Vol. 8260 / 624
GC/MS Semi. Vol. 8270 / 625
PCBs 8082 / 608
Pesticides 8081 / 608
BOD, TSS, pH
Moisture Content
Cl, F, SO₄, NO₃ -N, NO₂ -N, PO₄ -P, Alkalinity
Na, Ca, Mg, K, TDS, EC
Turn Around Time if different from standard

LAB USE ONLY
Intact Y N
Headspace Y N / NA
Log-In-Review
Dry Weight Basis Required
TRRP Report Required
Check If Special Reporting Limits Are Needed

Relinquished by: Company: Date: Time: Received by: Company: Date: Time: INST OBS COR
Relinquished by: Company: Date: Time: Received by: Company: Date: Time: INST OBS COR
Relinquished by: Company: Date: Time: Received by: Company: Date: Time: INST OBS COR



Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

Curt Stanley
 Nova Safety & Environmental
 2057 Commerce St.
 Midland, TX, 79703

Report Date: August 22, 2014

Work Order: 14081404



Project Location: Eunice, NM
 Project Name: 9718
 Project Number: TNM 97-18
 SRS #: TNM-97-18

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
371636	MW-2	water	2014-08-13	11:51	2014-08-14
371637	MW-3	water	2014-08-13	12:20	2014-08-14
371638	MW-23	water	2014-08-13	12:46	2014-08-14
371639	MW-25	water	2014-08-13	13:39	2014-08-14
371640	MW-4	water	2014-08-13	14:03	2014-08-14
371641	MW-17	water	2014-08-13	14:29	2014-08-14
371642	MW-18	water	2014-08-13	14:55	2014-08-14
371643	MW-24	water	2014-08-13	15:18	2014-08-14

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 14 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.



Dr. Blair Leftwich, Director
James Taylor, Assistant Director

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Case Narrative

Samples for project 9718 were received by TraceAnalysis, Inc. on 2014-08-14 and assigned to work order 14081404. Samples for work order 14081404 were received intact without headspace and at a temperature of 3.2 C.

Samples were analyzed for the following tests using their respective methods.

Test	Method	Prep Batch	Prep Date	QC Batch	Analysis Date
BTEX	S 8021B	97079	2014-08-21 at 15:26	114795	2014-08-21 at 15:26

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 14081404 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 371636 - MW-2

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 114795
Prep Batch: 97079

Analytical Method: S 8021B
Date Analyzed: 2014-08-21
Sample Preparation: 2014-08-21

Prep Method: S 5030B
Analyzed By: JS
Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	U	1,2,3,4,5	0.0478	mg/L	1	0.00100
Toluene		1,2,3,4,5	<0.00100	mg/L	1	0.00100
Ethylbenzene		1,2,3,4,5	<0.00100	mg/L	1	0.00100
Xylene		1,2,3,4,5	0.00920	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.103	mg/L	1	0.100	103	70 - 130
4-Bromofluorobenzene (4-BFB)		5	0.0962	mg/L	1	0.100	96	70 - 130

Sample: 371637 - MW-3

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 114795
Prep Batch: 97079

Analytical Method: S 8021B
Date Analyzed: 2014-08-21
Sample Preparation: 2014-08-21

Prep Method: S 5030B
Analyzed By: JS
Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	U	1,2,3,4,5	0.603	mg/L	50	0.00100
Toluene		1,2,3,4,5	<0.0500	mg/L	50	0.00100
Ethylbenzene		1,2,3,4,5	<0.0500	mg/L	50	0.00100
Xylene		1,2,3,4,5	<0.0500	mg/L	50	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	5.05	mg/L	50	5.00	101	70 - 130
4-Bromofluorobenzene (4-BFB)		5	4.73	mg/L	50	5.00	95	70 - 130

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Sample: 371638 - MW-23

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 114795

Prep Batch: 97079

Analytical Method: S 8021B

Date Analyzed: 2014-08-21

Sample Preparation: 2014-08-21

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1,2,3,4,5	0.546	mg/L	50	0.00100
Toluene	U	1,2,3,4,5	<0.0500	mg/L	50	0.00100
Ethylbenzene	U	1,2,3,4,5	<0.0500	mg/L	50	0.00100
Xylene	U	1,2,3,4,5	<0.0500	mg/L	50	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	5.21	mg/L	50	5.00	104	70 - 130
4-Bromofluorobenzene (4-BFB)		5	4.73	mg/L	50	5.00	95	70 - 130

Sample: 371639 - MW-25

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 114795

Prep Batch: 97079

Analytical Method: S 8021B

Date Analyzed: 2014-08-21

Sample Preparation: 2014-08-21

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1,2,3,4,5	0.328	mg/L	50	0.00100
Toluene	U	1,2,3,4,5	<0.0500	mg/L	50	0.00100
Ethylbenzene	U	1,2,3,4,5	<0.0500	mg/L	50	0.00100
Xylene	U	1,2,3,4,5	<0.0500	mg/L	50	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	5.14	mg/L	50	5.00	103	70 - 130
4-Bromofluorobenzene (4-BFB)		5	4.68	mg/L	50	5.00	94	70 - 130

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Sample: 371640 - MW-4

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 114795

Prep Batch: 97079

Analytical Method: S 8021B

Date Analyzed: 2014-08-21

Sample Preparation: 2014-08-21

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	U	1,2,3,4,5	0.882	mg/L	50	0.00100
Toluene		1,2,3,4,5	<0.0500	mg/L	50	0.00100
Ethylbenzene		1,2,3,4,5	<0.0500	mg/L	50	0.00100
Xylene		1,2,3,4,5	0.194	mg/L	50	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	5.08	mg/L	50	5.00	102	70 - 130
4-Bromofluorobenzene (4-BFB)		5	4.72	mg/L	50	5.00	94	70 - 130

Sample: 371641 - MW-17

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 114795

Prep Batch: 97079

Analytical Method: S 8021B

Date Analyzed: 2014-08-21

Sample Preparation: 2014-08-21

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	U	1,2,3,4,5	1.77	mg/L	50	0.00100
Toluene		1,2,3,4,5	<0.0500	mg/L	50	0.00100
Ethylbenzene		1,2,3,4,5	0.632	mg/L	50	0.00100
Xylene		1,2,3,4,5	0.265	mg/L	50	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	5.09	mg/L	50	5.00	102	70 - 130
4-Bromofluorobenzene (4-BFB)		5	4.72	mg/L	50	5.00	94	70 - 130

Report Date: August 22, 2014
TNM 97-18

Work Order: 14081404
9718

Page Number: 8 of 14
Eunice, NM

Sample: 371642 - MW-18

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 114795

Prep Batch: 97079

Analytical Method: S 8021B

Date Analyzed: 2014-08-21

Sample Preparation: 2014-08-21

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1,2,3,4,5	1.36	mg/L	50	0.00100
Toluene	U	1,2,3,4,5	<0.0500	mg/L	50	0.00100
Ethylbenzene		1,2,3,4,5	0.644	mg/L	50	0.00100
Xylene		1,2,3,4,5	0.0672	mg/L	50	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	5.12	mg/L	50	5.00	102	70 - 130
4-Bromofluorobenzene (4-BFB)		5	4.67	mg/L	50	5.00	93	70 - 130

Sample: 371643 - MW-24

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 114795

Prep Batch: 97079

Analytical Method: S 8021B

Date Analyzed: 2014-08-21

Sample Preparation: 2014-08-21

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1,2,3,4,5	4.69	mg/L	50	0.00100
Toluene	U	1,2,3,4,5	<0.0500	mg/L	50	0.00100
Ethylbenzene		1,2,3,4,5	0.750	mg/L	50	0.00100
Xylene		1,2,3,4,5	0.198	mg/L	50	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	5.15	mg/L	50	5.00	103	70 - 130
4-Bromofluorobenzene (4-BFB)		5	4.68	mg/L	50	5.00	94	70 - 130

Method Blanks

Method Blank (1) QC Batch: 114795

QC Batch: 114795
Prep Batch: 97079

Date Analyzed: 2014-08-21
QC Preparation: 2014-08-21

Analyzed By: JS
Prepared By: JS

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1,2,3,4,5	<0.000303	mg/L	0.001
Toluene		1,2,3,4,5	<0.000303	mg/L	0.001
Ethylbenzene		1,2,3,4,5	<0.000266	mg/L	0.001
Xylene		1,2,3,4,5	<0.000265	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.102	mg/L	1	0.100	102	70 - 130
4-Bromofluorobenzene (4-BFB)		5	0.0944	mg/L	1	0.100	94	70 - 130

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 114795
Prep Batch: 97079

Date Analyzed: 2014-08-21
QC Preparation: 2014-08-21

Analyzed By: JS
Prepared By: JS

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1,2,3,4,5	0.102	mg/L	1	0.100	<0.000303	102	70 - 130
Toluene		1,2,3,4,5	0.104	mg/L	1	0.100	<0.000303	104	70 - 130
Ethylbenzene		1,2,3,4,5	0.101	mg/L	1	0.100	<0.000266	101	70 - 130
Xylene		1,2,3,4,5	0.309	mg/L	1	0.300	<0.000265	103	70 - 130

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1,2,3,4,5	0.102	mg/L	1	0.100	<0.000303	102	70 - 130	1	20
Toluene		1,2,3,4,5	0.105	mg/L	1	0.100	<0.000303	105	70 - 130	1	20
Ethylbenzene		1,2,3,4,5	0.103	mg/L	1	0.100	<0.000266	103	70 - 130	2	20
Xylene		1,2,3,4,5	0.314	mg/L	1	0.300	<0.000265	105	70 - 130	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate		LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	5	0.104	0.103	mg/L	1	0.100	104	103	70 - 130
4-Bromofluorobenzene (4-BFB)	5	0.0968	0.0973	mg/L	1	0.100	97	97	70 - 130

Matrix Spikes

Matrix Spike (MS-1) Spiked Sample: 372296

QC Batch: 114795
Prep Batch: 97079

Date Analyzed: 2014-08-21
QC Preparation: 2014-08-21

Analyzed By: JS
Prepared By: JS

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1,2,3,4,5	0.103	mg/L	1	0.100	<0.000303	103	70 - 130
Toluene		1,2,3,4,5	0.106	mg/L	1	0.100	<0.000303	106	70 - 130
Ethylbenzene		1,2,3,4,5	0.103	mg/L	1	0.100	<0.000266	103	70 - 130
Xylene		1,2,3,4,5	0.312	mg/L	1	0.300	<0.000265	104	70 - 130

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1,2,3,4,5	0.104	mg/L	1	0.100	<0.000303	104	70 - 130	1	20
Toluene		1,2,3,4,5	0.105	mg/L	1	0.100	<0.000303	105	70 - 130	1	20
Ethylbenzene		1,2,3,4,5	0.102	mg/L	1	0.100	<0.000266	102	70 - 130	0	20
Xylene		1,2,3,4,5	0.312	mg/L	1	0.300	<0.000265	104	70 - 130	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate		MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	5	0.104	0.102	mg/L	1	0.1	104	102	70 - 130
4-Bromofluorobenzene (4-BFB)	5	0.0963	0.0965	mg/L	1	0.1	96	96	70 - 130

Calibration Standards

Standard (CCV-1)

QC Batch: 114795				Date Analyzed: 2014-08-21			Analyzed By: JS	
Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,3,4,5	mg/L	0.100	0.106	106	80 - 120	2014-08-21
Toluene		1,2,3,4,5	mg/L	0.100	0.105	105	80 - 120	2014-08-21
Ethylbenzene		1,2,3,4,5	mg/L	0.100	0.103	103	80 - 120	2014-08-21
Xylene		1,2,3,4,5	mg/L	0.300	0.312	104	80 - 120	2014-08-21

Standard (CCV-2)

QC Batch: 114795				Date Analyzed: 2014-08-21			Analyzed By: JS	
Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,3,4,5	mg/L	0.100	0.102	102	80 - 120	2014-08-21
Toluene		1,2,3,4,5	mg/L	0.100	0.103	103	80 - 120	2014-08-21
Ethylbenzene		1,2,3,4,5	mg/L	0.100	0.100	100	80 - 120	2014-08-21
Xylene		1,2,3,4,5	mg/L	0.300	0.305	102	80 - 120	2014-08-21

Appendix

Report Definitions

Name	Definition
MDL	Method Detection Limit
MQL	Minimum Quantitation Limit
SDL	Sample Detection Limit

Laboratory Certifications

C	Certifying Authority	Certification Number	Laboratory Location
-	NCTRCA	WFWB384444Y0909	TraceAnalysis
-	DBE	VN 20657	TraceAnalysis
-	HUB	1752439743100-86536	TraceAnalysis
-	WBE	237019	TraceAnalysis
1	PJLA	L14-93	Lubbock
2	Kansas	Kansas E-10317	Lubbock
3	LELAP	LELAP-02003	Lubbock
4	NELAP	T104704219-14-10	Lubbock
5		2013-083	Lubbock

Standard Flags

F	Description
B	Analyte detected in the corresponding method blank above the method detection limit
H	Analyzed out of hold time
J	Estimated concentration
Jb	The analyte is positively identified and the value is approximated between the SDL and MQL. Sample contains less then ten times the concentration found in the method blank. The result should be considered non-detect to the SDL.
Je	Estimated concentration exceeding calibration range.
MI1	Split peak or shoulder peak
MI2	Instrument software did not integrate
MI3	Instrument software misidentified the peak
MI4	Instrument software integrated improperly
MI5	Baseline correction
Qc	Calibration check outside of laboratory limits.
Qr	RPD outside of laboratory limits
Qs	Spike recovery outside of laboratory limits.
Qsr	Surrogate recovery outside of laboratory limits.

Report Date: August 22, 2014
TNM 97-18

Work Order: 14081404
9718

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Eunice, NM

F	Description
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U	The analyte is not detected above the SDL
---	---

Attachments

The scanned attachments will follow this page.

Please note, each attachment may consist of more than one page.

TraceAnalysis, Inc.

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Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-1296

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200 East Sunset Rd., Suite E
El Paso, Texas 79922
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

BioAquatic Testing
2501 Mayes Rd., Ste 100
Carrollton, Texas 75006
Tel (972) 242-7750

email: lab@traceanalysis.com

Phone #: (432) 520-7720
Fax #:

Phone

Company Name:

Address: _____ (Street, City, Zip)

2057 Commerce Wilsland TX

E-mail:

Contact Person:

Invoice to:

(If different from above)

Project #:

Project Name:

1. 10

Sampler Signature:

Project Location (including state):

[illegible]

ANALYSIS REQUEST

(Circle or Specify Method No.)

[illegible]

REMARKS:

LAB USE ONLY

INST	121	°C
OBS	33	°C
COR	32	°C

INST		°C
OBS		°C
COR		°C

INST		°C
OBS		°C
COR		°C

Date:	Time:
1/4	8:08
Date:	Time:
Date:	Time:

Company:	8/11
Company:	
Company:	

time:	308	Receive
time:		Receive
time:		Receive

y:	Date:
A	8/14/12
y:	Date:
y:	Date:

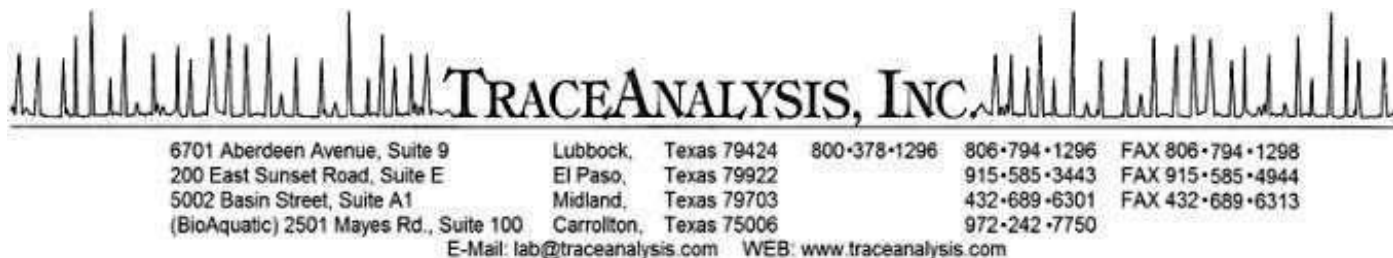
Completed by:	Completed by:	Completed by:
---------------	---------------	---------------

☐	Dry Weight Basis Required
☐	TRRP Report Required
☐	Check If Special Reporting Limits Are Needed

Submission of samples constitutes agreement to Terms and Conditions listed on reverse side of C. O. C.

ORIGINAL COPY

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Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

Curt Stanley
 Nova Safety & Environmental
 2057 Commerce St.
 Midland, TX, 79703

Report Date: December 12, 2014

Work Order: 14110707



Project Location: Eunice, NM
 Project Name: 9718
 Project Number: TNM 97-18
 SRS #: TNM-97-18

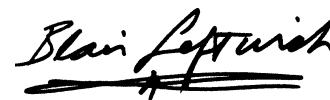
Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
378853	MW-1	water	2014-11-05	12:00	2014-11-07
378854	MW-11	water	2014-11-05	12:17	2014-11-07
378855	MW-12	water	2014-11-05	12:33	2014-11-07
378856	MW-14	water	2014-11-05	12:56	2014-11-07
378857	MW-15	water	2014-11-05	13:05	2014-11-07
378858	MW-16	water	2014-11-05	13:21	2014-11-07
378859	MW-21	water	2014-11-05	14:15	2014-11-07
378860	MW-22	water	2014-11-05	14:27	2014-11-07
378861	MW-26	water	2014-11-05	14:44	2014-11-07
378862	MW-27	water	2014-11-05	14:52	2014-11-07
378863	MW-28	water	2014-11-06	09:13	2014-11-07
378864	MW-30	water	2014-11-06	09:24	2014-11-07
378865	MW-8	water	2014-11-06	10:09	2014-11-07
378866	MW-9	water	2014-11-06	10:21	2014-11-07
378867	MW-20	water	2014-11-06	10:45	2014-11-07
378868	MW-2	water	2014-11-06	11:17	2014-11-07
378869	MW-25	water	2014-11-06	11:35	2014-11-07

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
378870	MW-23	water	2014-11-06	11:44	2014-11-07
378871	MW-3	water	2014-11-06	12:08	2014-11-07
378872	MW-4	water	2014-11-06	12:19	2014-11-07
378873	MW-18	water	2014-11-06	12:29	2014-11-07
378874	MW-17	water	2014-11-06	12:41	2014-11-07
378875	MW-24	water	2014-11-06	12:54	2014-11-07
378876	RW-1	water	2014-11-06	13:27	2014-11-07
378877	MW-10	water	2014-11-06	13:39	2014-11-07
378878	RW-2	water	2014-11-06	14:10	2014-11-07
378879	MW-5	water	2014-11-06	14:22	2014-11-07

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 41 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.



Dr. Blair Leftwich, Director
James Taylor, Assistant Director
Brian Pellam, Operations Manager

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Case Narrative

Samples for project 9718 were received by TraceAnalysis, Inc. on 2014-11-07 and assigned to work order 14110707. Samples for work order 14110707 were received intact without headspace and at a temperature of 3.3 C.

Samples were analyzed for the following tests using their respective methods.

Test	Method	Prep Batch	Prep Date	QC Batch	Analysis Date
BTEX	S 8021B	99078	2014-11-13 at 16:01	117185	2014-11-13 at 16:01
BTEX	S 8021B	99117	2014-11-15 at 12:31	117230	2014-11-15 at 12:31
BTEX	S 8021B	99149	2014-11-17 at 14:43	117274	2014-11-17 at 14:43
PAH	S 8270D	99723	2014-11-14 at 15:00	117951	2014-12-12 at 12:46

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 14110707 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 378853 - MW-1

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 117185
Prep Batch: 99078

Analytical Method: S 8021B
Date Analyzed: 2014-11-13
Sample Preparation: 2014-11-13

Prep Method: S 5030B
Analyzed By: JS
Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Toluene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Xylene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.0963	mg/L	1	0.100	96	70 - 130
4-Bromofluorobenzene (4-BFB)		5	0.0912	mg/L	1	0.100	91	70 - 130

Sample: 378854 - MW-11

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 117185
Prep Batch: 99078

Analytical Method: S 8021B
Date Analyzed: 2014-11-13
Sample Preparation: 2014-11-13

Prep Method: S 5030B
Analyzed By: JS
Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Toluene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Xylene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.0966	mg/L	1	0.100	97	70 - 130
4-Bromofluorobenzene (4-BFB)		5	0.0932	mg/L	1	0.100	93	70 - 130

Report Date: December 12, 2014
TNM 97-18

Work Order: 14110707
9718

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Eunice, NM

Sample: 378855 - MW-12

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 117185

Prep Batch: 99078

Analytical Method: S 8021B

Date Analyzed: 2014-11-13

Sample Preparation: 2014-11-13

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1,2,3,4,5	<0.00100	mg/L	1	0.00100
Toluene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Xylene		1,2,3,4,5	0.00130	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.0955	mg/L	1	0.100	96	70 - 130
4-Bromofluorobenzene (4-BFB)		5	0.0918	mg/L	1	0.100	92	70 - 130

Sample: 378856 - MW-14

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 117185

Prep Batch: 99078

Analytical Method: S 8021B

Date Analyzed: 2014-11-13

Sample Preparation: 2014-11-13

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Toluene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Xylene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.0985	mg/L	1	0.100	98	70 - 130
4-Bromofluorobenzene (4-BFB)		5	0.0931	mg/L	1	0.100	93	70 - 130

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Sample: 378857 - MW-15

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 117185

Prep Batch: 99078

Analytical Method: S 8021B

Date Analyzed: 2014-11-13

Sample Preparation: 2014-11-13

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Toluene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Xylene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.0976	mg/L	1	0.100	98	70 - 130
4-Bromofluorobenzene (4-BFB)		5	0.0923	mg/L	1	0.100	92	70 - 130

Sample: 378858 - MW-16

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 117185

Prep Batch: 99078

Analytical Method: S 8021B

Date Analyzed: 2014-11-13

Sample Preparation: 2014-11-13

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Toluene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Xylene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.0948	mg/L	1	0.100	95	70 - 130
4-Bromofluorobenzene (4-BFB)		5	0.0914	mg/L	1	0.100	91	70 - 130

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Sample: 378859 - MW-21

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 117185

Prep Batch: 99078

Analytical Method: S 8021B

Date Analyzed: 2014-11-13

Sample Preparation: 2014-11-13

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Toluene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Xylene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.0973	mg/L	1	0.100	97	70 - 130
4-Bromofluorobenzene (4-BFB)		5	0.0919	mg/L	1	0.100	92	70 - 130

Sample: 378860 - MW-22

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 117185

Prep Batch: 99078

Analytical Method: S 8021B

Date Analyzed: 2014-11-13

Sample Preparation: 2014-11-13

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Toluene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Xylene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.0968	mg/L	1	0.100	97	70 - 130
4-Bromofluorobenzene (4-BFB)		5	0.0922	mg/L	1	0.100	92	70 - 130

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Sample: 378861 - MW-26

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 117185

Prep Batch: 99078

Analytical Method: S 8021B

Date Analyzed: 2014-11-13

Sample Preparation: 2014-11-13

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	U	1,2,3,4,5	<0.00500	mg/L	5	0.00100
Toluene	U	1,2,3,4,5	<0.00500	mg/L	5	0.00100
Ethylbenzene	U	1,2,3,4,5	<0.00500	mg/L	5	0.00100
Xylene	U	1,2,3,4,5	<0.00500	mg/L	5	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.489	mg/L	5	0.500	98	70 - 130
4-Bromofluorobenzene (4-BFB)		5	0.471	mg/L	5	0.500	94	70 - 130

Sample: 378862 - MW-27

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 117185

Prep Batch: 99078

Analytical Method: S 8021B

Date Analyzed: 2014-11-13

Sample Preparation: 2014-11-13

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Toluene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Xylene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.0981	mg/L	1	0.100	98	70 - 130
4-Bromofluorobenzene (4-BFB)		5	0.0946	mg/L	1	0.100	95	70 - 130

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Sample: 378863 - MW-28

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 117185

Prep Batch: 99078

Analytical Method: S 8021B

Date Analyzed: 2014-11-13

Sample Preparation: 2014-11-13

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Toluene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Xylene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.0959	mg/L	1	0.100	96	70 - 130
4-Bromofluorobenzene (4-BFB)		5	0.0912	mg/L	1	0.100	91	70 - 130

Sample: 378864 - MW-30

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 117185

Prep Batch: 99078

Analytical Method: S 8021B

Date Analyzed: 2014-11-13

Sample Preparation: 2014-11-13

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Toluene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Xylene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.0966	mg/L	1	0.100	97	70 - 130
4-Bromofluorobenzene (4-BFB)		5	0.0932	mg/L	1	0.100	93	70 - 130

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Sample: 378865 - MW-8

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 117230

Prep Batch: 99117

Analytical Method: S 8021B

Date Analyzed: 2014-11-15

Sample Preparation: 2014-11-15

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Toluene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Xylene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.0945	mg/L	1	0.100	94	70 - 130
4-Bromofluorobenzene (4-BFB)		5	0.0932	mg/L	1	0.100	93	70 - 130

Sample: 378866 - MW-9

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 117185

Prep Batch: 99078

Analytical Method: S 8021B

Date Analyzed: 2014-11-13

Sample Preparation: 2014-11-13

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Toluene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Xylene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.0970	mg/L	1	0.100	97	70 - 130
4-Bromofluorobenzene (4-BFB)		5	0.0923	mg/L	1	0.100	92	70 - 130

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Sample: 378867 - MW-20

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 117230

Prep Batch: 99117

Analytical Method: S 8021B

Date Analyzed: 2014-11-15

Sample Preparation: 2014-11-15

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

Parameter	Flag	Cert	RL	Units	Dilution	RL	
			Result				
Benzene	2	U	1,2,3,4,5	<0.0100	mg/L	10	0.00100
Toluene		U	1,2,3,4,5	<0.0100	mg/L	10	0.00100
Ethylbenzene		U	1,2,3,4,5	<0.0100	mg/L	10	0.00100
Xylene		U	1,2,3,4,5	<0.0100	mg/L	10	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.932	mg/L	10	1.00	93	70 - 130
4-Bromofluorobenzene (4-BFB)		5	0.904	mg/L	10	1.00	90	70 - 130

Sample: 378868 - MW-2

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 117274

Prep Batch: 99149

Analytical Method: S 8021B

Date Analyzed: 2014-11-17

Sample Preparation: 2014-11-17

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1,2,3,4,5	0.0104	mg/L	1	0.00100
Toluene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Ethylbenzene		1,2,3,4,5	0.00100	mg/L	1	0.00100
Xylene		1,2,3,4,5	0.00400	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.0966	mg/L	1	0.100	97	70 - 130
4-Bromofluorobenzene (4-BFB)		5	0.0954	mg/L	1	0.100	95	70 - 130

Sample: 378868 - MW-2

Laboratory: Lubbock

Analysis: PAH

QC Batch: 117951

Prep Batch: 99723

Analytical Method: S 8270D

Date Analyzed: 2014-12-12

Sample Preparation: 2014-11-14

Prep Method: S 3510C

Analyzed By: MN

Prepared By: MN

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Naphthalene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
2-Methylnaphthalene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
1-Methylnaphthalene	Qc,Qs,U	1	<0.000200	mg/L	1	0.000200
Acenaphthylene	Qc,U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Acenaphthene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Dibenzofuran	Qc,U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Fluorene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Anthracene	Qc,Qs,U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Phenanthrene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Fluoranthene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Pyrene	Qc,Qr,Qs,U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Benzo(a)anthracene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Chrysene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Benzo(b)fluoranthene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Benzo(k)fluoranthene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Benzo(a)pyrene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Indeno(1,2,3-cd)pyrene	Qc,U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Dibenzo(a,h)anthracene	Qc,U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Benzo(g,h,i)perylene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5	Qsr	Qsr	0.0298	mg/L	1	8.00	0	10 - 121
2-Fluorobiphenyl			2.88	mg/L	1	8.00	36	20.5 - 120
Terphenyl-d14			2.68	mg/L	1	8.00	34	26.4 - 120

Sample: 378869 - MW-25

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 117230
Prep Batch: 99117

Analytical Method: S 8021B
Date Analyzed: 2014-11-15
Sample Preparation: 2014-11-15

Prep Method: S 5030B
Analyzed By: JS
Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1,2,3,4,5	0.0653	mg/L	1	0.00100
Toluene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Xylene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100

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Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.0939	mg/L	1	0.100	94	70 - 130
4-Bromofluorobenzene (4-BFB)		5	0.0922	mg/L	1	0.100	92	70 - 130

Sample: 378870 - MW-23

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 117230
Prep Batch: 99117

Analytical Method: S 8021B
Date Analyzed: 2014-11-15
Sample Preparation: 2014-11-15

Prep Method: S 5030B
Analyzed By: JS
Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1,2,3,4,5	0.00460	mg/L	1	0.00100
Toluene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Xylene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.0942	mg/L	1	0.100	94	70 - 130
4-Bromofluorobenzene (4-BFB)		5	0.0928	mg/L	1	0.100	93	70 - 130

Sample: 378871 - MW-3

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 117230
Prep Batch: 99117

Analytical Method: S 8021B
Date Analyzed: 2014-11-15
Sample Preparation: 2014-11-15

Prep Method: S 5030B
Analyzed By: JS
Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1,2,3,4,5	0.753	mg/L	50	0.00100
Toluene	U	1,2,3,4,5	<0.0500	mg/L	50	0.00100
Ethylbenzene	U	1,2,3,4,5	<0.0500	mg/L	50	0.00100
Xylene		1,2,3,4,5	<0.0500	mg/L	50	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	4.64	mg/L	50	5.00	93	70 - 130

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sample continued ...

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
4-Bromofluorobenzene (4-BFB)		5	4.79	mg/L	50	5.00	96	70 - 130

Sample: 378872 - MW-4

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 117230
Prep Batch: 99117

Analytical Method: S 8021B
Date Analyzed: 2014-11-15
Sample Preparation: 2014-11-15

Prep Method: S 5030B
Analyzed By: JS
Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1,2,3,4,5	2.46	mg/L	50	0.00100
Toluene	U	1,2,3,4,5	<0.0500	mg/L	50	0.00100
Ethylbenzene		1,2,3,4,5	<0.0500	mg/L	50	0.00100
Xylene		1,2,3,4,5	0.133	mg/L	50	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	4.72	mg/L	50	5.00	94	70 - 130
4-Bromofluorobenzene (4-BFB)		5	4.85	mg/L	50	5.00	97	70 - 130

Sample: 378872 - MW-4

Laboratory: Lubbock
Analysis: PAH
QC Batch: 117951
Prep Batch: 99723

Analytical Method: S 8270D
Date Analyzed: 2014-12-12
Sample Preparation: 2014-11-14

Prep Method: S 3510C
Analyzed By: MN
Prepared By: MN

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Naphthalene		1,2,3,4,5	0.0631	mg/L	1	0.000200
2-Methylnaphthalene		1,2,3,4,5	0.0979	mg/L	1	0.000200
1-Methylnaphthalene	Qc, Qs	1	0.308	mg/L	1	0.000200
Acenaphthylene	Qc, U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Acenaphthene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Dibenzofuran	Qc, U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Fluorene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Anthracene	Qc, Qs, U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Phenanthrene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Fluoranthene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200

continued ...

sample 378872 continued ...

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Pyrene	Qc,Qr,Qs,U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Benzo(a)anthracene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Chrysene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Benzo(b)fluoranthene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Benzo(k)fluoranthene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Benzo(a)pyrene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Indeno(1,2,3-cd)pyrene	Qc,U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Dibenzo(a,h)anthracene	Qc,U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Benzo(g,h,i)perylene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5	Qsr	Qsr	0.0514	mg/L	1	8.00	1	10 - 121
2-Fluorobiphenyl			2.46	mg/L	1	8.00	31	20.5 - 120
Terphenyl-d14			2.48	mg/L	1	8.00	31	26.4 - 120

Sample: 378873 - MW-18

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 117230
Prep Batch: 99117

Analytical Method: S 8021B
Date Analyzed: 2014-11-15
Sample Preparation: 2014-11-15

Prep Method: S 5030B
Analyzed By: JS
Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1,2,3,4,5	2.96	mg/L	50	0.00100
Toluene	U	1,2,3,4,5	<0.0500	mg/L	50	0.00100
Ethylbenzene		1,2,3,4,5	2.24	mg/L	50	0.00100
Xylene		1,2,3,4,5	0.219	mg/L	50	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	4.80	mg/L	50	5.00	96	70 - 130
4-Bromofluorobenzene (4-BFB)		5	4.90	mg/L	50	5.00	98	70 - 130

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Sample: 378873 - MW-18

Laboratory: Lubbock

Analysis: PAH

QC Batch: 117951

Prep Batch: 99723

Analytical Method: S 8270D

Date Analyzed: 2014-12-12

Sample Preparation: 2014-11-14

Prep Method: S 3510C

Analyzed By: MN

Prepared By: MN

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Naphthalene		1,2,3,4,5	0.110	mg/L	1	0.000200
2-Methylnaphthalene		1,2,3,4,5	0.0458	mg/L	1	0.000200
1-Methylnaphthalene	Qc,Qs	1	0.126	mg/L	1	0.000200
Acenaphthylene	Qc,U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Acenaphthene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Dibenzofuran	Qc,U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Fluorene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Anthracene	Qc,Qs,U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Phenanthrene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Fluoranthene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Pyrene	Qc,Qr,Qs,U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Benzo(a)anthracene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Chrysene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Benzo(b)fluoranthene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Benzo(k)fluoranthene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Benzo(a)pyrene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Indeno(1,2,3-cd)pyrene	Qc,U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Dibenzo(a,h)anthracene	Qc,U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Benzo(g,h,i)perylene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5	Qsr	Qsr	0.0270	mg/L	1	8.00	0	10 - 121
2-Fluorobiphenyl			2.56	mg/L	1	8.00	32	20.5 - 120
Terphenyl-d14			2.77	mg/L	1	8.00	35	26.4 - 120

Sample: 378874 - MW-17

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 117230

Prep Batch: 99117

Analytical Method: S 8021B

Date Analyzed: 2014-11-15

Sample Preparation: 2014-11-15

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1,2,3,4,5	2.47	mg/L	50	0.00100

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sample 378874 continued ...

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Toluene	U	1,2,3,4,5	<0.0500	mg/L	50	0.00100
Ethylbenzene		1,2,3,4,5	1.41	mg/L	50	0.00100
Xylene		1,2,3,4,5	0.302	mg/L	50	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	4.80	mg/L	50	5.00	96	70 - 130
4-Bromofluorobenzene (4-BFB)		5	4.97	mg/L	50	5.00	99	70 - 130

Sample: 378874 - MW-17

Laboratory: Lubbock

Analysis: PAH

QC Batch: 117951

Prep Batch: 99723

Analytical Method: S 8270D

Date Analyzed: 2014-12-12

Sample Preparation: 2014-11-14

Prep Method: S 3510C

Analyzed By: MN

Prepared By: MN

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Naphthalene		1,2,3,4,5	0.117	mg/L	1	0.000200
2-Methylnaphthalene		1,2,3,4,5	0.0518	mg/L	1	0.000200
1-Methylnaphthalene	Qc, Qs	1	0.149	mg/L	1	0.000200
Acenaphthylene	Qc, U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Acenaphthene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Dibenzofuran	Qc	1,2,3,4,5	0.00678	mg/L	1	0.000200
Fluorene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Anthracene	Qc, Qs, U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Phenanthrene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Fluoranthene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Pyrene	Qc, Qr, Qs, U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Benzo(a)anthracene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Chrysene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Benzo(b)fluoranthene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Benzo(k)fluoranthene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Benzo(a)pyrene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Indeno(1,2,3-cd)pyrene	Qc, U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Dibenzo(a,h)anthracene	Qc, U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Benzo(g,h,i)perylene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5	Qsr	Qsr	0.0354	mg/L	1	8.00	0	10 - 121
2-Fluorobiphenyl			3.09	mg/L	1	8.00	39	20.5 - 120

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Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Terphenyl-d14			2.96	mg/L	1	8.00	37	26.4 - 120

Sample: 378875 - MW-24

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 117230
Prep Batch: 99117

Analytical Method: S 8021B
Date Analyzed: 2014-11-15
Sample Preparation: 2014-11-15

Prep Method: S 5030B
Analyzed By: JS
Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1,2,3,4,5	4.30	mg/L	50	0.00100
Toluene	U	1,2,3,4,5	<0.0500	mg/L	50	0.00100
Ethylbenzene		1,2,3,4,5	0.801	mg/L	50	0.00100
Xylene		1,2,3,4,5	0.186	mg/L	50	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	4.65	mg/L	50	5.00	93	70 - 130
4-Bromofluorobenzene (4-BFB)		5	4.77	mg/L	50	5.00	95	70 - 130

Sample: 378876 - RW-1

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 117230
Prep Batch: 99117

Analytical Method: S 8021B
Date Analyzed: 2014-11-15
Sample Preparation: 2014-11-15

Prep Method: S 5030B
Analyzed By: JS
Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1,2,3,4,5	0.280	mg/L	50	0.00100
Toluene	U	1,2,3,4,5	<0.0500	mg/L	50	0.00100
Ethylbenzene		1,2,3,4,5	0.108	mg/L	50	0.00100
Xylene		1,2,3,4,5	0.0909	mg/L	50	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	4.68	mg/L	50	5.00	94	70 - 130

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Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
4-Bromofluorobenzene (4-BFB)		5	4.78	mg/L	50	5.00	96	70 - 130

Sample: 378876 - RW-1

Laboratory: Lubbock
Analysis: PAH
QC Batch: 117951
Prep Batch: 99723

Analytical Method: S 8270D
Date Analyzed: 2014-12-12
Sample Preparation: 2014-11-14

Prep Method: S 3510C
Analyzed By: MN
Prepared By: MN

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Naphthalene		1,2,3,4,5	0.0610	mg/L	1	0.000200
2-Methylnaphthalene		1,2,3,4,5	0.145	mg/L	1	0.000200
1-Methylnaphthalene	Qc, Qs	1	0.393	mg/L	1	0.000200
Acenaphthylene	Qc, U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Acenaphthene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Dibenzofuran	Qc, U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Fluorene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Anthracene	Qc, Qs, U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Phenanthrene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Fluoranthene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Pyrene	Qc, Qr, Qs, U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Benzo(a)anthracene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Chrysene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Benzo(b)fluoranthene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Benzo(k)fluoranthene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Benzo(a)pyrene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Indeno(1,2,3-cd)pyrene	Qc, U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Dibenzo(a,h)anthracene	Qc, U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Benzo(g,h,i)perylene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5	Qsr	Qsr	0.188	mg/L	1	8.00	2	10 - 121
2-Fluorobiphenyl			2.58	mg/L	1	8.00	32	20.5 - 120
Terphenyl-d14			2.57	mg/L	1	8.00	32	26.4 - 120

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Sample: 378877 - MW-10

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 117230

Prep Batch: 99117

Analytical Method: S 8021B

Date Analyzed: 2014-11-15

Sample Preparation: 2014-11-15

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1,2,3,4,5	0.223	mg/L	50	0.00100
Toluene	U	1,2,3,4,5	<0.0500	mg/L	50	0.00100
Ethylbenzene	U	1,2,3,4,5	<0.0500	mg/L	50	0.00100
Xylene	U	1,2,3,4,5	<0.0500	mg/L	50	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	4.74	mg/L	50	5.00	95	70 - 130
4-Bromofluorobenzene (4-BFB)		5	4.84	mg/L	50	5.00	97	70 - 130

Sample: 378877 - MW-10

Laboratory: Lubbock

Analysis: PAH

QC Batch: 117951

Prep Batch: 99723

Analytical Method: S 8270D

Date Analyzed: 2014-12-12

Sample Preparation: 2014-11-14

Prep Method: S 3510C

Analyzed By: MN

Prepared By: MN

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Naphthalene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
2-Methylnaphthalene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
1-Methylnaphthalene	Qc,Qs	1	0.175	mg/L	1	0.000200
Acenaphthylene	Qc,U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Acenaphthene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Dibenzofuran	Qc,U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Fluorene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Anthracene	Qc,Qs,U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Phenanthrene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Fluoranthene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Pyrene	Qc,Qr,Qs,U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Benzo(a)anthracene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Chrysene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Benzo(b)fluoranthene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Benzo(k)fluoranthene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Benzo(a)pyrene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Indeno(1,2,3-cd)pyrene	Qc,U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Dibenzo(a,h)anthracene	Qc,U	1,2,3,4,5	<0.000200	mg/L	1	0.000200

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sample 378877 continued ...

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzo(g,h,i)perylene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5	Qsr	Qsr	0.128	mg/L	1	8.00	2	10 - 121
2-Fluorobiphenyl			2.36	mg/L	1	8.00	30	20.5 - 120
Terphenyl-d14			2.32	mg/L	1	8.00	29	26.4 - 120

Sample: 378878 - RW-2

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 117230
Prep Batch: 99117

Analytical Method: S 8021B
Date Analyzed: 2014-11-15
Sample Preparation: 2014-11-15

Prep Method: S 5030B
Analyzed By: JS
Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1,2,3,4,5	0.113	mg/L	50	0.00100
Toluene	U	1,2,3,4,5	<0.0500	mg/L	50	0.00100
Ethylbenzene		1,2,3,4,5	0.106	mg/L	50	0.00100
Xylene		1,2,3,4,5	<0.0500	mg/L	50	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	4.71	mg/L	50	5.00	94	70 - 130
4-Bromofluorobenzene (4-BFB)		5	4.86	mg/L	50	5.00	97	70 - 130

Sample: 378878 - RW-2

Laboratory: Lubbock
Analysis: PAH
QC Batch: 117951
Prep Batch: 99723

Analytical Method: S 8270D
Date Analyzed: 2014-12-12
Sample Preparation: 2014-11-14

Prep Method: S 3510C
Analyzed By: MN
Prepared By: MN

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Naphthalene		1,2,3,4,5	0.0308	mg/L	1	0.000200
2-Methylnaphthalene		1,2,3,4,5	0.0858	mg/L	1	0.000200
1-Methylnaphthalene	Qc, Qs	1	0.237	mg/L	1	0.000200

continued ...

sample 378878 continued ...

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Acenaphthylene	Qc,U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Acenaphthene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Dibenzofuran	Qc,U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Fluorene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Anthracene	Qc,Qs,U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Phenanthrene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Fluoranthene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Pyrene	Qc,Qr,Qs,U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Benzo(a)anthracene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Chrysene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Benzo(b)fluoranthene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Benzo(k)fluoranthene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Benzo(a)pyrene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Indeno(1,2,3-cd)pyrene	Qc,U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Dibenzo(a,h)anthracene	Qc,U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Benzo(g,h,i)perylene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5	Qsr	Qsr	0.0929	mg/L	1	8.00	1	10 - 121
2-Fluorobiphenyl			2.33	mg/L	1	8.00	29	20.5 - 120
Terphenyl-d14			2.30	mg/L	1	8.00	29	26.4 - 120

Sample: 378879 - MW-5

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 117230
Prep Batch: 99117

Analytical Method: S 8021B
Date Analyzed: 2014-11-15
Sample Preparation: 2014-11-15

Prep Method: S 5030B
Analyzed By: JS
Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1,2,3,4,5	0.496	mg/L	50	0.00100
Toluene	U	1,2,3,4,5	<0.0500	mg/L	50	0.00100
Ethylbenzene		1,2,3,4,5	0.225	mg/L	50	0.00100
Xylene		1,2,3,4,5	0.0805	mg/L	50	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	4.72	mg/L	50	5.00	94	70 - 130

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Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
4-Bromofluorobenzene (4-BFB)		5	4.88	mg/L	50	5.00	98	70 - 130

Sample: 378879 - MW-5

Laboratory: Lubbock
Analysis: PAH
QC Batch: 117951
Prep Batch: 99723

Analytical Method: S 8270D
Date Analyzed: 2014-12-12
Sample Preparation: 2014-11-14

Prep Method: S 3510C
Analyzed By: MN
Prepared By: MN

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Naphthalene		1,2,3,4,5	0.0358	mg/L	1	0.000200
2-Methylnaphthalene		1,2,3,4,5	0.0266	mg/L	1	0.000200
1-Methylnaphthalene	Qc, Qs	1	0.0616	mg/L	1	0.000200
Acenaphthylene	Qc, U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Acenaphthene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Dibenzofuran	Qc, U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Fluorene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Anthracene	Qc, Qs, U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Phenanthrene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Fluoranthene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Pyrene	Qc, Qr, Qs, U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Benzo(a)anthracene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Chrysene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Benzo(b)fluoranthene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Benzo(k)fluoranthene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Benzo(a)pyrene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Indeno(1,2,3-cd)pyrene	Qc, U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Dibenzo(a,h)anthracene	Qc, U	1,2,3,4,5	<0.000200	mg/L	1	0.000200
Benzo(g,h,i)perylene	U	1,2,3,4,5	<0.000200	mg/L	1	0.000200

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5	Qsr	Qsr	0.0247	mg/L	1	8.00	0	10 - 121
2-Fluorobiphenyl			2.11	mg/L	1	8.00	26	20.5 - 120
Terphenyl-d14			2.16	mg/L	1	8.00	27	26.4 - 120

Method Blanks

Method Blank (1) QC Batch: 117185

QC Batch: 117185 Date Analyzed: 2014-11-13 Analyzed By: JS
Prep Batch: 99078 QC Preparation: 2014-11-13 Prepared By: JS

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1,2,3,4,5	<0.000303	mg/L	0.001
Toluene		1,2,3,4,5	<0.000303	mg/L	0.001
Ethylbenzene		1,2,3,4,5	<0.000266	mg/L	0.001
Xylene		1,2,3,4,5	<0.000265	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.0976	mg/L	1	0.100	98	70 - 130
4-Bromofluorobenzene (4-BFB)		5	0.0930	mg/L	1	0.100	93	70 - 130

Method Blank (1) QC Batch: 117230

QC Batch: 117230 Date Analyzed: 2014-11-15 Analyzed By: JS
Prep Batch: 99117 QC Preparation: 2014-11-15 Prepared By: JS

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1,2,3,4,5	<0.000303	mg/L	0.001
Toluene		1,2,3,4,5	<0.000303	mg/L	0.001
Ethylbenzene		1,2,3,4,5	<0.000266	mg/L	0.001
Xylene		1,2,3,4,5	<0.000265	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.0947	mg/L	1	0.100	95	70 - 130
4-Bromofluorobenzene (4-BFB)		5	0.0954	mg/L	1	0.100	95	70 - 130

Method Blank (1) QC Batch: 117274

QC Batch: 117274 Date Analyzed: 2014-11-17 Analyzed By: JS
Prep Batch: 99149 QC Preparation: 2014-11-17 Prepared By: JS

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Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1,2,3,4,5	<0.000303	mg/L	0.001
Toluene		1,2,3,4,5	<0.000303	mg/L	0.001
Ethylbenzene		1,2,3,4,5	<0.000266	mg/L	0.001
Xylene		1,2,3,4,5	<0.000265	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.0960	mg/L	1	0.100	96	70 - 130
4-Bromofluorobenzene (4-BFB)		5	0.0922	mg/L	1	0.100	92	70 - 130

Method Blank (1) QC Batch: 117951

QC Batch: 117951
Prep Batch: 99723

Date Analyzed: 2014-12-12
QC Preparation: 2014-11-14

Analyzed By: MN
Prepared By: MN

Parameter	Flag	Cert	MDL Result	Units	RL
Naphthalene		1,2,3,4,5	<0.0000708	mg/L	0.0002
2-Methylnaphthalene		1,2,3,4,5	<0.0000834	mg/L	0.0002
1-Methylnaphthalene		1	<0.000107	mg/L	0.0002
Acenaphthylene		1,2,3,4,5	<0.0000823	mg/L	0.0002
Acenaphthene		1,2,3,4,5	<0.0000888	mg/L	0.0002
Dibenzofuran		1,2,3,4,5	<0.0000787	mg/L	0.0002
Fluorene		1,2,3,4,5	<0.0000670	mg/L	0.0002
Anthracene		1,2,3,4,5	<0.0000838	mg/L	0.0002
Phenanthrene		1,2,3,4,5	<0.000106	mg/L	0.0002
Fluoranthene		1,2,3,4,5	<0.0000885	mg/L	0.0002
Pyrene		1,2,3,4,5	<0.000149	mg/L	0.0002
Benzo(a)anthracene		1,2,3,4,5	<0.000146	mg/L	0.0002
Chrysene		1,2,3,4,5	<0.000157	mg/L	0.0002
Benzo(b)fluoranthene		1,2,3,4,5	<0.000146	mg/L	0.0002
Benzo(k)fluoranthene		1,2,3,4,5	<0.000152	mg/L	0.0002
Benzo(a)pyrene		1,2,3,4,5	<0.000141	mg/L	0.0002
Indeno(1,2,3-cd)pyrene		1,2,3,4,5	<0.000160	mg/L	0.0002
Dibenzo(a,h)anthracene		1,2,3,4,5	<0.000127	mg/L	0.0002
Benzo(g,h,i)perylene		1,2,3,4,5	<0.000175	mg/L	0.0002

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5	Qsr	Qsr	0.0332	mg/L	1	8.00	0	10 - 121
2-Fluorobiphenyl			4.37	mg/L	1	8.00	55	20.5 - 120

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method blank continued ...

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Terphenyl-d14			4.51	mg/L	1	8.00	56	26.4 - 120

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 117185
Prep Batch: 99078

Date Analyzed: 2014-11-13
QC Preparation: 2014-11-13

Analyzed By: JS
Prepared By: JS

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1,2,3,4,5	0.0957	mg/L	1	0.100	<0.000303	96	70 - 130
Toluene		1,2,3,4,5	0.0980	mg/L	1	0.100	<0.000303	98	70 - 130
Ethylbenzene		1,2,3,4,5	0.0961	mg/L	1	0.100	<0.000266	96	70 - 130
Xylene		1,2,3,4,5	0.293	mg/L	1	0.300	<0.000265	98	70 - 130

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1,2,3,4,5	0.0976	mg/L	1	0.100	<0.000303	98	70 - 130	2	20
Toluene		1,2,3,4,5	0.0976	mg/L	1	0.100	<0.000303	98	70 - 130	0	20
Ethylbenzene		1,2,3,4,5	0.0956	mg/L	1	0.100	<0.000266	96	70 - 130	0	20
Xylene		1,2,3,4,5	0.292	mg/L	1	0.300	<0.000265	97	70 - 130	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate		LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	5	0.0981	0.0990	mg/L	1	0.100	98	99	70 - 130
4-Bromofluorobenzene (4-BFB)	5	0.0957	0.0945	mg/L	1	0.100	96	94	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 117230
Prep Batch: 99117

Date Analyzed: 2014-11-15
QC Preparation: 2014-11-15

Analyzed By: JS
Prepared By: JS

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1,2,3,4,5	0.100	mg/L	1	0.100	<0.000303	100	70 - 130
Toluene		1,2,3,4,5	0.0993	mg/L	1	0.100	<0.000303	99	70 - 130
Ethylbenzene		1,2,3,4,5	0.0977	mg/L	1	0.100	<0.000266	98	70 - 130
Xylene		1,2,3,4,5	0.298	mg/L	1	0.300	<0.000265	99	70 - 130

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

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Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1,2,3,4,5	0.0981	mg/L	1	0.100	<0.000303	98	70 - 130	2	20
Toluene		1,2,3,4,5	0.0976	mg/L	1	0.100	<0.000303	98	70 - 130	2	20
Ethylbenzene		1,2,3,4,5	0.0966	mg/L	1	0.100	<0.000266	97	70 - 130	1	20
Xylene		1,2,3,4,5	0.295	mg/L	1	0.300	<0.000265	98	70 - 130	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate		LCS Result	LCS Result	Units	Dil.	Spike Amount	LCS Rec.	LCS Rec.	Rec. Limit
Trifluorotoluene (TFT)	5	0.0976	0.0963	mg/L	1	0.100	98	96	70 - 130
4-Bromofluorobenzene (4-BFB)	5	0.0971	0.0959	mg/L	1	0.100	97	96	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 117274
Prep Batch: 99149

Date Analyzed: 2014-11-17
QC Preparation: 2014-11-17

Analyzed By: JS
Prepared By: JS

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1,2,3,4,5	0.0936	mg/L	1	0.100	<0.000303	94	70 - 130
Toluene		1,2,3,4,5	0.0961	mg/L	1	0.100	<0.000303	96	70 - 130
Ethylbenzene		1,2,3,4,5	0.0953	mg/L	1	0.100	<0.000266	95	70 - 130
Xylene		1,2,3,4,5	0.291	mg/L	1	0.300	<0.000265	97	70 - 130

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1,2,3,4,5	0.0970	mg/L	1	0.100	<0.000303	97	70 - 130	4	20
Toluene		1,2,3,4,5	0.0967	mg/L	1	0.100	<0.000303	97	70 - 130	1	20
Ethylbenzene		1,2,3,4,5	0.0959	mg/L	1	0.100	<0.000266	96	70 - 130	1	20
Xylene		1,2,3,4,5	0.293	mg/L	1	0.300	<0.000265	98	70 - 130	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate		LCS Result	LCS Result	Units	Dil.	Spike Amount	LCS Rec.	LCS Rec.	Rec. Limit
Trifluorotoluene (TFT)	5	0.0980	0.0977	mg/L	1	0.100	98	98	70 - 130
4-Bromofluorobenzene (4-BFB)	5	0.0940	0.0929	mg/L	1	0.100	94	93	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 117951
Prep Batch: 99723

Date Analyzed: 2014-12-12
QC Preparation: 2014-11-14

Analyzed By: MN
Prepared By: MN

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	
Naphthalene		1,2,3,4,5	6.02	mg/L	1	8.00	<0.0000708	75	33.4 - 120	
2-Methylnaphthalene		1,2,3,4,5	5.81	mg/L	1	8.00	<0.0000834	73	36.7 - 120	
1-Methylnaphthalene	Qs	Qs	1	12.7	mg/L	1	8.00	<0.000107	159	37.7 - 120
Acenaphthylene		1,2,3,4,5	7.43	mg/L	1	8.00	<0.0000832	93	39.7 - 120	
Acenaphthene		1,2,3,4,5	6.22	mg/L	1	8.00	<0.0000888	78	10 - 120	
Dibenzofuran		1,2,3,4,5	6.73	mg/L	1	8.00	<0.0000787	84	27.5 - 120	
Fluorene		1,2,3,4,5	5.39	mg/L	1	8.00	<0.0000670	67	32.7 - 120	
Anthracene		1,2,3,4,5	9.46	mg/L	1	8.00	<0.0000838	118	23.6 - 120	
Phenanthrene		1,2,3,4,5	4.56	mg/L	1	8.00	<0.000106	57	26.7 - 120	
Fluoranthene		1,2,3,4,5	4.71	mg/L	1	8.00	<0.0000885	59	19.2 - 120	
Pyrene	Qs	Qs	1,2,3,4,5	11.2	mg/L	1	8.00	<0.000149	140	34.1 - 120
Benzo(a)anthracene		1,2,3,4,5	5.85	mg/L	1	8.00	<0.000146	73	43.4 - 120	
Chrysene		1,2,3,4,5	6.07	mg/L	1	8.00	<0.000157	76	10 - 176	
Benzo(b)fluoranthene		1,2,3,4,5	5.56	mg/L	1	8.00	<0.000146	70	18.4 - 120	
Benzo(k)fluoranthene		1,2,3,4,5	6.22	mg/L	1	8.00	<0.000152	78	22 - 124	
Benzo(a)pyrene		1,2,3,4,5	6.74	mg/L	1	8.00	<0.000141	84	25.1 - 120	
Indeno(1,2,3-cd)pyrene		1,2,3,4,5	4.59	mg/L	1	8.00	<0.000160	57	21.3 - 120	
Dibenzo(a,h)anthracene		1,2,3,4,5	10.2	mg/L	1	8.00	<0.000127	128	10 - 173	
Benzo(g,h,i)perylene		1,2,3,4,5	6.41	mg/L	1	8.00	<0.000175	80	10.7 - 128	

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit	
Naphthalene		1,2,3,4,5	6.13	mg/L	1	8.00	<0.0000708	77	33.4 - 120	2	20	
2-Methylnaphthalene		1,2,3,4,5	5.56	mg/L	1	8.00	<0.0000834	70	36.7 - 120	4	20	
1-Methylnaphthalene	Qs	Qs	1	11.7	mg/L	1	8.00	<0.000107	146	37.7 - 120	8	20
Acenaphthylene		1,2,3,4,5	7.53	mg/L	1	8.00	<0.0000832	94	39.7 - 120	1	20	
Acenaphthene		1,2,3,4,5	6.34	mg/L	1	8.00	<0.0000888	79	10 - 120	2	20	
Dibenzofuran		1,2,3,4,5	6.81	mg/L	1	8.00	<0.0000787	85	27.5 - 120	1	20	
Fluorene		1,2,3,4,5	5.52	mg/L	1	8.00	<0.0000670	69	32.7 - 120	2	20	
Anthracene	Qs	Qs	1,2,3,4,5	9.87	mg/L	1	8.00	<0.0000838	123	23.6 - 120	4	20
Phenanthrene		1,2,3,4,5	4.97	mg/L	1	8.00	<0.000106	62	26.7 - 120	9	20	
Fluoranthene		1,2,3,4,5	4.92	mg/L	1	8.00	<0.0000885	62	19.2 - 120	4	20	
Pyrene	Qr	Qr	1,2,3,4,5	5.70	mg/L	1	8.00	<0.000149	71	34.1 - 120	65	20
Benzo(a)anthracene		1,2,3,4,5	5.91	mg/L	1	8.00	<0.000146	74	43.4 - 120	1	20	
Chrysene		1,2,3,4,5	6.12	mg/L	1	8.00	<0.000157	76	10 - 176	1	20	
Benzo(b)fluoranthene		1,2,3,4,5	5.28	mg/L	1	8.00	<0.000146	66	18.4 - 120	5	20	
Benzo(k)fluoranthene		1,2,3,4,5	6.06	mg/L	1	8.00	<0.000152	76	22 - 124	3	20	
Benzo(a)pyrene		1,2,3,4,5	6.81	mg/L	1	8.00	<0.000141	85	25.1 - 120	1	20	

continued ...

control spikes continued ...

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Indeno(1,2,3-cd)pyrene		1,2,3,4,5	4.73	mg/L	1	8.00	<0.000160	59	21.3 - 120	3	20
Dibenzo(a,h)anthracene		1,2,3,4,5	9.47	mg/L	1	8.00	<0.000127	118	10 - 173	7	20
Benzo(g,h,i)perylene		1,2,3,4,5	6.17	mg/L	1	8.00	<0.000175	77	10.7 - 128	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate			LCS Result	LCS Result	Units	Dil.	Spike Amount	LCS Rec.	LCS Rec.	Rec. Limit
Nitrobenzene-d5	Q _{sr}	Q _{sr}	0.0369	0.0454	mg/L	1	8.00	0	0	10 - 121
2-Fluorobiphenyl			5.30	5.50	mg/L	1	8.00	66	69	20.5 - 120
Terphenyl-d14			5.04	5.26	mg/L	1	8.00	63	66	26.4 - 120

Matrix Spikes

Matrix Spike (MS-1) Spiked Sample: 378866

QC Batch: 117185
Prep Batch: 99078

Date Analyzed: 2014-11-13
QC Preparation: 2014-11-13

Analyzed By: JS
Prepared By: JS

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1,2,3,4,5	0.109	mg/L	1	0.100	<0.000303	109	70 - 130
Toluene		1,2,3,4,5	0.108	mg/L	1	0.100	<0.000303	108	70 - 130
Ethylbenzene		1,2,3,4,5	0.104	mg/L	1	0.100	<0.000266	104	70 - 130
Xylene		1,2,3,4,5	0.320	mg/L	1	0.300	<0.000265	107	70 - 130

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1,2,3,4,5	0.106	mg/L	1	0.100	<0.000303	106	70 - 130	3	20
Toluene		1,2,3,4,5	0.108	mg/L	1	0.100	<0.000303	108	70 - 130	0	20
Ethylbenzene		1,2,3,4,5	0.104	mg/L	1	0.100	<0.000266	104	70 - 130	1	20
Xylene		1,2,3,4,5	0.316	mg/L	1	0.300	<0.000265	105	70 - 130	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate		MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	5	0.0989	0.0989	mg/L	1	0.1	99	99	70 - 130
4-Bromofluorobenzene (4-BFB)	5	0.0942	0.0930	mg/L	1	0.1	94	93	70 - 130

Matrix Spike (MS-1) Spiked Sample: 379060

QC Batch: 117230
Prep Batch: 99117

Date Analyzed: 2014-11-15
QC Preparation: 2014-11-15

Analyzed By: JS
Prepared By: JS

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1,2,3,4,5	0.101	mg/L	1	0.100	<0.000303	101	70 - 130
Toluene		1,2,3,4,5	0.0997	mg/L	1	0.100	<0.000303	100	70 - 130
Ethylbenzene		1,2,3,4,5	0.0981	mg/L	1	0.100	<0.000266	98	70 - 130
Xylene		1,2,3,4,5	0.299	mg/L	1	0.300	<0.000265	100	70 - 130

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

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Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1,2,3,4,5	0.0963	mg/L	1	0.100	<0.000303	96	70 - 130	5	20
Toluene		1,2,3,4,5	0.0950	mg/L	1	0.100	<0.000303	95	70 - 130	5	20
Ethylbenzene		1,2,3,4,5	0.0934	mg/L	1	0.100	<0.000266	93	70 - 130	5	20
Xylene		1,2,3,4,5	0.285	mg/L	1	0.300	<0.000265	95	70 - 130	5	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate		MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	5	0.0964	0.0949	mg/L	1	0.1	96	95	70 - 130
4-Bromofluorobenzene (4-BFB)	5	0.0953	0.0941	mg/L	1	0.1	95	94	70 - 130

Matrix Spike (MS-1) Spiked Sample: 379752

QC Batch: 117274
Prep Batch: 99149

Date Analyzed: 2014-11-17
QC Preparation: 2014-11-17

Analyzed By: JS
Prepared By: JS

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1,2,3,4,5	0.192	mg/L	1	0.100	0.0782	114	70 - 130
Toluene		1,2,3,4,5	0.0976	mg/L	1	0.100	<0.000303	98	70 - 130
Ethylbenzene		1,2,3,4,5	0.106	mg/L	1	0.100	0.0106	95	70 - 130
Xylene		1,2,3,4,5	0.287	mg/L	1	0.300	0.0055	94	70 - 130

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1,2,3,4,5	0.172	mg/L	1	0.100	0.0782	94	70 - 130	11	20
Toluene		1,2,3,4,5	0.100	mg/L	1	0.100	<0.000303	100	70 - 130	2	20
Ethylbenzene		1,2,3,4,5	0.109	mg/L	1	0.100	0.0106	98	70 - 130	3	20
Xylene		1,2,3,4,5	0.299	mg/L	1	0.300	0.0055	98	70 - 130	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate		MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	5	0.0965	0.0984	mg/L	1	0.1	96	98	70 - 130
4-Bromofluorobenzene (4-BFB)	5	0.0929	0.0933	mg/L	1	0.1	93	93	70 - 130

Calibration Standards

Standard (CCV-1)

QC Batch: 117185

Date Analyzed: 2014-11-13

Analyzed By: JS

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,3,4,5	mg/L	0.100	0.0989	99	80 - 120	2014-11-13
Toluene		1,2,3,4,5	mg/L	0.100	0.0979	98	80 - 120	2014-11-13
Ethylbenzene		1,2,3,4,5	mg/L	0.100	0.0963	96	80 - 120	2014-11-13
Xylene		1,2,3,4,5	mg/L	0.300	0.294	98	80 - 120	2014-11-13

Standard (CCV-2)

QC Batch: 117185

Date Analyzed: 2014-11-13

Analyzed By: JS

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,3,4,5	mg/L	0.100	0.0939	94	80 - 120	2014-11-13
Toluene		1,2,3,4,5	mg/L	0.100	0.0963	96	80 - 120	2014-11-13
Ethylbenzene		1,2,3,4,5	mg/L	0.100	0.0948	95	80 - 120	2014-11-13
Xylene		1,2,3,4,5	mg/L	0.300	0.290	97	80 - 120	2014-11-13

Standard (CCV-3)

QC Batch: 117185

Date Analyzed: 2014-11-13

Analyzed By: JS

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,3,4,5	mg/L	0.100	0.0974	97	80 - 120	2014-11-13
Toluene		1,2,3,4,5	mg/L	0.100	0.0961	96	80 - 120	2014-11-13
Ethylbenzene		1,2,3,4,5	mg/L	0.100	0.0945	94	80 - 120	2014-11-13
Xylene		1,2,3,4,5	mg/L	0.300	0.289	96	80 - 120	2014-11-13

Report Date: December 12, 2014
TNM 97-18

Work Order: 14110707
9718

Page Number: 36 of 41
Eunice, NM

Standard (CCV-1)

QC Batch: 117230

Date Analyzed: 2014-11-15

Analyzed By: JS

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,3,4,5	mg/L	0.100	0.0978	98	80 - 120	2014-11-15
Toluene		1,2,3,4,5	mg/L	0.100	0.0964	96	80 - 120	2014-11-15
Ethylbenzene		1,2,3,4,5	mg/L	0.100	0.0945	94	80 - 120	2014-11-15
Xylene		1,2,3,4,5	mg/L	0.300	0.289	96	80 - 120	2014-11-15

Standard (CCV-2)

QC Batch: 117230

Date Analyzed: 2014-11-15

Analyzed By: JS

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,3,4,5	mg/L	0.100	0.0956	96	80 - 120	2014-11-15
Toluene		1,2,3,4,5	mg/L	0.100	0.0950	95	80 - 120	2014-11-15
Ethylbenzene		1,2,3,4,5	mg/L	0.100	0.0946	95	80 - 120	2014-11-15
Xylene		1,2,3,4,5	mg/L	0.300	0.289	96	80 - 120	2014-11-15

Standard (CCV-3)

QC Batch: 117230

Date Analyzed: 2014-11-15

Analyzed By: JS

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,3,4,5	mg/L	0.100	0.0979	98	80 - 120	2014-11-15
Toluene		1,2,3,4,5	mg/L	0.100	0.0981	98	80 - 120	2014-11-15
Ethylbenzene		1,2,3,4,5	mg/L	0.100	0.0966	97	80 - 120	2014-11-15
Xylene		1,2,3,4,5	mg/L	0.300	0.295	98	80 - 120	2014-11-15

Standard (CCV-1)

QC Batch: 117274

Date Analyzed: 2014-11-17

Analyzed By: JS

Report Date: December 12, 2014
TNM 97-18

Work Order: 14110707
9718

Page Number: 37 of 41
Eunice, NM

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,3,4,5	mg/L	0.100	0.0972	97	80 - 120	2014-11-17
Toluene		1,2,3,4,5	mg/L	0.100	0.0972	97	80 - 120	2014-11-17
Ethylbenzene		1,2,3,4,5	mg/L	0.100	0.0960	96	80 - 120	2014-11-17
Xylene		1,2,3,4,5	mg/L	0.300	0.293	98	80 - 120	2014-11-17

Standard (CCV-2)

QC Batch: 117274

Date Analyzed: 2014-11-17

Analyzed By: JS

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,3,4,5	mg/L	0.100	0.0959	96	80 - 120	2014-11-17
Toluene		1,2,3,4,5	mg/L	0.100	0.0954	95	80 - 120	2014-11-17
Ethylbenzene		1,2,3,4,5	mg/L	0.100	0.0941	94	80 - 120	2014-11-17
Xylene		1,2,3,4,5	mg/L	0.300	0.288	96	80 - 120	2014-11-17

Standard (CCV-2)

QC Batch: 117951

Date Analyzed: 2014-12-12

Analyzed By: MN

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Naphthalene		1,2,3,4,5	mg/L	60.0	68.5	114	80 - 120	2014-12-12
2-Methylnaphthalene		1,2,3,4,5	mg/L	60.0	66.4	111	80 - 120	2014-12-12
1-Methylnaphthalene	Qc	Qc	1	mg/L	60.0	136	80 - 120	2014-12-12
Acenaphthylene	Qc	Qc	1,2,3,4,5	mg/L	60.0	79.1	80 - 120	2014-12-12
Acenaphthene		1,2,3,4,5	mg/L	60.0	68.1	114	80 - 120	2014-12-12
Dibenzofuran	Qc	Qc	1,2,3,4,5	mg/L	60.0	72.9	80 - 120	2014-12-12
Fluorene		1,2,3,4,5	mg/L	60.0	65.6	109	80 - 120	2014-12-12
Anthracene		1,2,3,4,5	mg/L	60.0	55.2	92	80 - 120	2014-12-12
Phenanthrene		1,2,3,4,5	mg/L	60.0	68.8	115	80 - 120	2014-12-12
Fluoranthene		1,2,3,4,5	mg/L	60.0	66.6	111	80 - 120	2014-12-12
Pyrene	Qc	Qc	1,2,3,4,5	mg/L	60.0	36.6	80 - 120	2014-12-12
Benzo(a)anthracene		1,2,3,4,5	mg/L	60.0	63.0	105	80 - 120	2014-12-12
Chrysene		1,2,3,4,5	mg/L	60.0	69.6	116	80 - 120	2014-12-12
Benzo(b)fluoranthene		1,2,3,4,5	mg/L	60.0	69.6	116	80 - 120	2014-12-12
Benzo(k)fluoranthene		1,2,3,4,5	mg/L	60.0	61.7	103	80 - 120	2014-12-12
Benzo(a)pyrene		1,2,3,4,5	mg/L	60.0	68.8	115	80 - 120	2014-12-12

continued ...

Report Date: December 12, 2014
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Work Order: 14110707
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Eunice, NM

standard continued ...

				CCVs	CCVs	CCVs	Percent	
				True	Found	Percent	Recovery	Date
Param	Flag	Cert	Units	Conc.	Conc.	Recovery	Limits	Analyzed
Indeno(1,2,3-cd)pyrene	Qc	Qc	1,2,3,4,5	mg/L	60.0	85.5	142	80 - 120
Dibenzo(a,h)anthracene	Qc	Qc	1,2,3,4,5	mg/L	60.0	30.4	51	80 - 120
Benzo(g,h,i)perylene			1,2,3,4,5	mg/L	60.0	70.7	118	80 - 120

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limit
Nitrobenzene-d5			62.3	mg/L	1	60.0	104	-
2-Fluorobiphenyl			70.3	mg/L	1	60.0	117	-
Terphenyl-d14			68.4	mg/L	1	60.0	114	-

Standard (CCV-3)

QC Batch: 117951

Date Analyzed: 2014-12-12

Analyzed By: MN

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Naphthalene		1,2,3,4,5	mg/L	60.0	59.8	100	80 - 120	2014-12-12
2-Methylnaphthalene		1,2,3,4,5	mg/L	60.0	53.5	89	80 - 120	2014-12-12
1-Methylnaphthalene		1	mg/L	60.0	54.2	90	80 - 120	2014-12-12
Acenaphthylene		1,2,3,4,5	mg/L	60.0	57.9	96	80 - 120	2014-12-12
Acenaphthene		1,2,3,4,5	mg/L	60.0	61.5	102	80 - 120	2014-12-12
Dibenzofuran		1,2,3,4,5	mg/L	60.0	60.1	100	80 - 120	2014-12-12
Fluorene		1,2,3,4,5	mg/L	60.0	59.2	99	80 - 120	2014-12-12
Anthracene	Qc	Qc	1,2,3,4,5	mg/L	60.0	106	177	80 - 120
Phenanthrene		1,2,3,4,5	mg/L	60.0	60.4	101	80 - 120	2014-12-12
Fluoranthene		1,2,3,4,5	mg/L	60.0	64.3	107	80 - 120	2014-12-12
Pyrene	Qc	Qc	1,2,3,4,5	mg/L	60.0	35.5	59	80 - 120
Benzo(a)anthracene		1,2,3,4,5	mg/L	60.0	56.4	94	80 - 120	2014-12-12
Chrysene		1,2,3,4,5	mg/L	60.0	56.8	95	80 - 120	2014-12-12
Benzo(b)fluoranthene		1,2,3,4,5	mg/L	60.0	50.0	83	80 - 120	2014-12-12
Benzo(k)fluoranthene		1,2,3,4,5	mg/L	60.0	55.4	92	80 - 120	2014-12-12
Benzo(a)pyrene		1,2,3,4,5	mg/L	60.0	54.9	92	80 - 120	2014-12-12
Indeno(1,2,3-cd)pyrene		1,2,3,4,5	mg/L	60.0	66.4	111	80 - 120	2014-12-12
Dibenzo(a,h)anthracene		1,2,3,4,5	mg/L	60.0	59.6	99	80 - 120	2014-12-12
Benzo(g,h,i)perylene		1,2,3,4,5	mg/L	60.0	53.0	88	80 - 120	2014-12-12

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limit
Nitrobenzene-d5			55.6	mg/L	1	60.0	93	-
2-Fluorobiphenyl			56.3	mg/L	1	60.0	94	-

continued ...

Report Date: December 12, 2014
TNM 97-18

Work Order: 14110707
9718

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Eunice, NM

standard continued ...

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limit
Terphenyl-d14			44.1	mg/L	1	60.0	74	-

Appendix

Report Definitions

Name	Definition
MDL	Method Detection Limit
MQL	Minimum Quantitation Limit
SDL	Sample Detection Limit

Laboratory Certifications

C	Certifying Authority	Certification Number	Laboratory Location
-	NCTRCA	WFWB384444Y0909	TraceAnalysis
-	DBE	VN 20657	TraceAnalysis
-	HUB	1752439743100-86536	TraceAnalysis
-	WBE	237019	TraceAnalysis
1	PJLA	L14-93	Lubbock
2	Kansas	Kansas E-10317	Lubbock
3	LELAP	LELAP-02003	Lubbock
4	NELAP	T104704219-14-10	Lubbock
5		2014-018	Lubbock

Standard Flags

F	Description
B	Analyte detected in the corresponding method blank above the method detection limit
H	Analyzed out of hold time
J	Estimated concentration
Jb	The analyte is positively identified and the value is approximated between the SDL and MQL. Sample contains less then ten times the concentration found in the method blank. The result should be considered non-detect to the SDL.
Je	Estimated concentration exceeding calibration range.
MI1	Split peak or shoulder peak
MI2	Instrument software did not integrate
MI3	Instrument software misidentified the peak
MI4	Instrument software integrated improperly
MI5	Baseline correction
Qc	Calibration check outside of laboratory limits.
Qr	RPD outside of laboratory limits
Qs	Spike recovery outside of laboratory limits.
Qsr	Surrogate recovery outside of laboratory limits.

F	Description
U	The analyte is not detected above the SDL

Result Comments

- 1 Sample dilution due to surfactants.
- 2 dilution due to surfactant.

Attachments

The scanned attachments will follow this page.
Please note, each attachment may consist of more than one page.

TraceAnalysis, Inc.

6701 Aberdeen Avenue, Suite 9
Lubbock, Texas 79424
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1 (800) 378-1296

200 East Sunset Rd., Suite E
El Paso, Texas 79922
Tel (915) 585-3443
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1 (888) 588-3443

BioAquatic Testing
2501 Mayes Rd., Ste 100
Carrollton, Texas 75006
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Brandon & Clark
3403 Industrial Blvd.
Hobbs, NM 88240
Tel (575) 392-7561
Fax (575) 392-4508

email: lab@traceanalysis.com

Company Name: Nova
Address: 2057 Commerce Midland TX
Contact Person: Curt Stanley
Invoice to: (If different from above) Plains
Project #: TNM 97-18
Project Location (including state):

Phone #: (432) 520-7720
Fax #: (432) 520-7720
E-mail:
Project Name: 97-18
Sampler Signature: *M. Stanley*

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX			PRESERVATIVE METHOD					SAMPLING			
				WATER	SOIL	AIR	SLUDGE	HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE	NONE	DATE	TIME
37853	MW 1	3	VOA	X				X			X			11/5/14	1200
854	MW 11														1217
855	MW 12													1233	
856	MW 14													1256	
857	MW 15													1305	
858	MW 16													1321	
859	MW 21													1415	
860	MW 22													1427	
861	MW 26													1444	
862	MW 27													1452	
863	MW 28													11/6/14	0913

Relinquished by: *Manuel H. Nova* Company: Nova Date: 11/7/14 Time: 15:30
Relinquished by: *Don TA* Company: TA Date: 11/10/14 Time: 15:30
Relinquished by: *Don TA* Company: TA Date: 11/14/14 Time: 9:00

Received by: *Don TA* Company: TA Date: 11/7/14 Time: 15:30
Received by: *Don TA* Company: TA Date: 11/10/14 Time: 15:30
Received by: *Don TA* Company: TA Date: 11/14/14 Time: 9:00

INST: 3.3
OBS: 3.3
COR: 3.3

INST: 3.3
OBS: 3.3
COR: 3.3

INST: 3.3
OBS: 3.3
COR: 3.3

REMARKS: *Lubbock - PA 11*

LAB USE ONLY
Intact ☒ Y ☐ N
Headspace ☐ Y ☐ N ☐ NA
Log-in-Review ☒ X

Dry Weight Basis Required ☐
TRRP Report Required ☐
Check if Special Reporting Limits Are Needed ☐

TraceAnalysis, Inc.

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BioAquatic Testing
2501 Mayes Rd., Ste 100
Carrollton, Texas 75006
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Brandon & Clark
3403 Industrial Blvd.
Hobbs, NM 88240
Tel (575) 392-7561
Fax (575) 392-4508

email: lab@traceanalysis.com

Company Name: Nova
Address: 2057 Commerce Midland TX
Contact Person: Curt Stedley
Invoice to:
(If different from above) Plains
Project #: TNM 97-18
Project Location (including state):

Phone #: (432) 520 7720
Fax #:
E-mail:
Project Name: 97-18
Sampler Signature: *M. Am*

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX			PRESERVATIVE METHOD				SAMPLING	
				WATER	AIR	SLUDGE	HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE	NONE
864	mw 30	3	60A X				X			X		11/6/19 0924
865	mw 8	1										1009
866	mw 9	1										1021
867	mw 20	1										1045
868	mw 2	1										1117
869	mw 2	1										1117
870	mw 25	1										1135
871	mw 23	1										1144
872	mw 3	1										1208
873	mw 4	1										1219
874	mw 4	1										1219

Relinquished by: <i>M. Am</i>	Company: Nova	Date: 11/7/19	Time: 11:30 AM	Received by: <i>Don TA</i>	Company: TA	Date: 11/14/19	Time: 8:51	INST: 1007	Time: 1007
Relinquished by: <i>Don TA</i>	Company: TA	Date: 11/14/19	Time: 8:51	Received by: <i>Don TA</i>	Company: TA	Date: 11/14/19	Time: 8:51	OBS: 34°C	Time: 34°C
Relinquished by: <i>Don TA</i>	Company: TA	Date: 11/14/19	Time: 8:51	Received by: <i>Don TA</i>	Company: TA	Date: 11/14/19	Time: 8:51	COR: 33°C	Time: 33°C

ANALYSIS REQUEST (Circle or Specify Method No.)

MTBE	8021 / 602 / 8260 / 624
BTEX	8021 / 602 / 8260 / 624
TPH 418.1 / TX1005 / TX1005 Ext(C35)	
TPH 8015 GRO / DRO / TVHC	
PAH 8270 / 625	
Total Metals Ag As Ba Cd Cr Pb Se Hg 6010/200.7	
TCLP Metals Ag As Ba Cd Cr Pb Se Hg	
TCLP Volatiles	
TCLP Semi Volatiles	
TCLP Pesticides	
RCI	
GC/MS Vol. 8260 / 624	
GC/MS Semi. Vol. 8270 / 625	
PCBs 8082 / 608	
Pesticides 8081 / 608	
BOD, TSS, pH	
Moisture Content	
Cl, F, SO ₄ , NO ₃ -N, NO ₂ -N, PO ₄ -P, Alkalinity	
Na, Ca, Mg, K, TDS, EC	
Turn Around Time if different from standard	

REMARKS:

LAB USE ONLY
Infected Y / N
Headspace Y / N / NA
Log-in-Review ☒

Dry Weight Basis Required
TRRP Report Required
Check if Special Reporting Limits Are Needed

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C. O. C.

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Carrier # *Carry 85* ZR835155

TraceAnalysis, Inc.

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Brandon & Clark
3403 Industrial Blvd.
Hobbs, NM 88240
Tel (575) 392-7561
Fax (575) 392-4508

email: lab@traceanalysis.com

Company Name: _____ Phone #: _____

NOVA 432) 520-7720

Address: _____ (Street, City, Zip) _____, Fax #: _____

Contact Person: _____ E-mail: _____

Invoice to:

(If different from above)

Project #:

211871

Project Name:

Subject Name: 97-18

Project Location (including state):

Sampler Signature:

[illegible]

ANALYSIS REQUEST

(Circle or Specify Method No.)

[illegible]

REMARKS:

LAB USE ONLY

INST	164
OBS	34°
COR	3.3
INST	
OBS	
COR	

Time:	4:08:50
Time:	

Date: 11/7/11	Date:
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Company	774	Company
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Received by: 

Time:	Rec:
Time:	Rec:

ate: 11/7/14

any: ☐ Nova ☐

Comp

quished by

Dry Weight Basis Required
TRRP Report Required
Check If Special Reporting
Limits Are Needed

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C. O. C.

and Conditions listed on

Carrier # 28835155

Release Notification and Corrective Action
NMOCD Form C-141

District I - (505) 393-6161
P. O. Box 1980
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 South First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

State of New Mexico
Energy 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 16" main line	Facility Type pipe line

Surface Owner Millard Desk Estate	Mineral Owner	Lease No.
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	28	20S	37E					Lea

NATURE OF RELEASE

Type of Release sour crude	Volume of Release 83 barrels	Volume Recovered none
Source of Release 16" main line	Date and Hour of Occurrence Unknown	Date and Hour of Discovery 9-10-97 4:30 pm
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Elizabeth	
By Whom? Mike Pearce	Date and Hour 9-11-97 1:30 pm	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

Internal Corrosion
Leak successfully clamped off.

Describe Area Affected and Cleanup Action Taken.*

3600 sq. ft. pasture land.
Contaminated soil will be excavated.

Describe General Conditions Prevailing (Temperature, Precipitation, etc.).*

95° cloudy

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.
Signature: *Edwin H. Gripp*

Printed Name: Edwin H. Gripp

Title: District Manager

Date: 9-11-97

Phone: 915-947-9001

OIL CONSERVATION DIVISION

Approved by
District Supervisor:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐

* Attach Additional Sheets If Necessary

State Corp. Commission
Pipe Line Division

Hazardous Waste Section
NM Environmental Improvement Div.

TNM-97-18 JWC JAS