

AP-13

**Plains
TNM 97-18**

**Annual Report
2013**

**2013
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

PREPARED FOR:

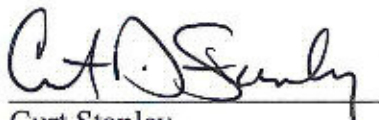
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March 2014


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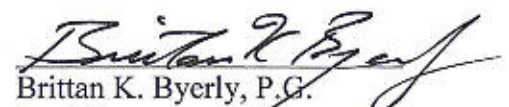

Brittan K. Byerly, P.G.
President

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2013 Annual Monitoring Report

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INTRODUCTION

On behalf of Plains Marketing, L.P., (Plains), NOVA Safety and Environmental (NOVA) is pleased to submit this 2013 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 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 2013 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 2013 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 B.

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

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

Currently, there are 27 monitor wells (MW-1 through MW-30, excluding MW-13, MW-19, and MW-29, which have been plugged and abandoned) and two recovery wells (RW-1 and RW-2) onsite. A pneumatic product recovery system operated onsite incorporating three 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 38 feet bgs and operate at a pressure of approximately five psi per well.

FIELD ACTIVITIES

Product Recovery Efforts

A measurable thickness of PSH was detected in monitor well MW-7 during the 2013 annual reporting period. A maximum PSH thickness of 1.74 feet was recorded on March 19, 2013 and is shown on Table 1. The average thickness of PSH in monitor well MW-7 during 2013 was 1.04 feet. Approximately 26.7 gallons (0.64 barrels) of PSH was recovered from the site during the 2013 reporting period. A total of approximately 1,217 gallons (30.0 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 12, May 15, August 7 and November 26, 2013. During each sampling event, monitor wells were purged of a minimum of three 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 2013, are depicted on the Inferred Groundwater Gradient Map(s), Figures 2A-2D. Groundwater elevation data for 2013 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 0.007 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 3,462.27 to 3476.09 feet above mean sea level, in monitor well MW-25 on December 19, 2013 and in monitor well MW-18 on April 8, 2013, respectively.

LABORATORY RESULTS

Groundwater samples obtained during the quarterly sampling events of 2013 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 2013 calendar year on monitor wells MW-2 through MW-6, 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 2013 are summarized in Table 2 and the historic PAH constituent concentrations are summarized in Table 3. Copies of the laboratory reports generated for 2013 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 limits (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 0.0299 mg/L during the 4th quarter to 0.193 mg/L during the 2nd quarter of 2013. Benzene concentrations were above NMOCD regulatory guidelines during all four quarters of the reporting period. Toluene concentrations were below laboratory MDL and the NMOCD regulatory guidelines during all four quarters of the reporting period. Ethylbenzene concentrations ranged from <0.01 mg/L during the 1st quarter to 0.0068 mg/L during the 3rd quarter of 2013. Ethylbenzene concentrations were below NMOCD regulatory guidelines during all four quarters of the reporting period. Xylene concentrations ranged from <0.01 mg/L during the 1st quarter to 0.0174 mg/L during the 3rd quarter of 2013. Xylene concentrations were below NMOCD regulatory guidelines during all four 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 0.355 mg/L during the 4th quarter to 0.771 mg/L during the 3rd

quarter of 2013. Benzene concentrations were above NMOCD regulatory guidelines during the four quarters of the reporting period. Toluene concentrations were below laboratory MDL and the NMOCD regulatory guidelines during all four quarters of the reporting period. Ethylbenzene concentrations ranged from <0.005 mg/L during the 2nd and 4th quarters to 0.0425 mg/L during the 3rd quarter of 2013. Ethylbenzene concentrations were below NMOCD regulatory guidelines during the all four quarters of the reporting period. Xylene concentrations ranged from <0.0500 mg/L during the 2nd quarter to 0.1610 mg/L during the 4th quarter of 2013. Xylene concentrations were below NMOCD regulatory guidelines during all four 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-4 is sampled on a quarterly schedule. Analytical results indicate benzene concentrations ranged from 0.564 mg/L during the 4th quarter to 0.894 mg/L during the 2nd quarter of 2013. Benzene concentrations were above NMOCD regulatory guidelines during all four quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory guidelines during all four quarters of the reporting period. Ethylbenzene concentrations ranged from <0.050 mg/L during the 4th quarter to 0.0583 during the 2nd quarter of 2013. Ethylbenzene concentrations were below NMOCD regulatory guidelines during all four quarters of the reporting period. Xylene concentrations ranged from 0.0981 mg/L during the 4th quarter to 0.148 mg/L during the 2nd quarter of 2013. Xylene concentrations were below NMOCD regulatory guidelines during all four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for 1-methylnaphthalene (0.156 mg/L), 2-methylnaphthalene (0.0511 mg/L).

Monitor well MW-5 is sampled on a quarterly schedule. Analytical results indicate benzene concentrations ranged from 0.963 mg/L during the 1st quarter to 1.14 mg/L during the 3rd quarter of 2013. Benzene concentrations were above NMOCD regulatory guidelines during all four quarters of the reporting period. Toluene concentrations were below the MDLs and NMOCD regulatory guidelines during all four quarters of the reporting period. Ethylbenzene concentrations ranged from 0.407 mg/L during the 2nd and 4th quarters to 0.566 mg/L during the 1st quarter of 2013. Ethylbenzene was below NMOCD regulatory guidelines during all four quarters of the reporting period. Xylene concentrations ranged from 0.148 mg/L during the 4th quarter to 0.4750 mg/L during the 1st quarter during 2013. Xylene concentrations were below NMOCD regulatory guidelines during all four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for naphthalene (0.0349 mg/L), 1-methylnaphthalene (0.0473 mg/L), and 2-methylnaphthalene (0.0367 mg/L).

Monitor well MW-6 is sampled on a quarterly schedule. Analytical results indicate benzene concentrations ranged from 0.0892 mg/L during the 4th quarter to 0.127 mg/L during the 1st quarter of 2013. Benzene concentrations were above NMOCD regulatory guidelines during all four quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory guidelines during all four quarters of the reporting period. Ethylbenzene concentrations ranged from <0.0500 mg/L during the 2nd and 4th quarters to 0.0159 mg/L during the 1st quarter of 2013. Ethylbenzene concentrations were below NMOCD regulatory guidelines during the all four quarters of the reporting period. Xylene concentrations ranged from <0.005

mg/L during the 1st quarter to 0.0152 mg/L during the 3rd quarter of 2013. Xylene concentrations were below NMOCD regulatory guidelines during all four 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-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 1.46 feet, 1.38 feet, 0.23 feet and 1.04 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2013, 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 on a quarterly schedule. Analytical results indicate the benzene concentration ranged from 0.266 mg/L during the 1st quarter to 0.320 mg/L during the 3rd quarter of 2013. Benzene concentrations were above NMOCD regulatory guidelines during all four quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory guidelines during all four quarters of the reporting period. Ethylbenzene concentrations ranged from <0.00100 mg/L during the 3rd quarter to 0.0041 mg/L during the 4th quarter of 2013. Ethylbenzene concentrations were below NMOCD regulatory guidelines during the all four quarters of the reporting period. Xylene concentrations ranged from <0.005 mg/L during the 2nd quarter to 0.0228 mg/L during the 3rd quarter of 2013. Xylene concentrations were below NMOCD regulatory guidelines during all four 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-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 1.74 mg/L during the 4th quarter to 2.27 mg/L during the 2nd quarter of 2013. Benzene concentrations were above NMOCD regulatory guidelines during all four quarters of the reporting period. Toluene concentrations were below MDL and NMOCD regulatory guidelines during all four quarters of the reporting period. Ethylbenzene concentrations ranged from 0.721 mg/L during the 4th quarter to 1.420 mg/L during the 2nd quarter of 2013. Ethylbenzene concentrations were above NMOCD regulatory guidelines during the 1st, 2nd, and 3rd quarters of the reporting period. Xylene concentrations ranged from 0.255 mg/L during the 4th quarter to 0.3110 mg/L during the 1st quarter of 2013. Xylene concentrations were below NMOCD regulatory guidelines during all four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for naphthalene (0.0900 mg/L), 1-methylnaphthalene (0.0563 mg/L), and 2-methylnaphthalene (0.135 mg/L).

Monitor well MW-18 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 1.80 mg/L during the 3rd quarter to 2.96 mg/L during the 4th quarter of 2013. Benzene concentrations were above NMOCD regulatory guidelines during all four quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD

regulatory guidelines during all four quarters of the reporting period. Ethylbenzene concentrations ranged from 0.891 mg/L during the 3rd quarter to 1.620 mg/L during the 1st quarter of 2013. Ethylbenzene concentrations were above NMOCD regulatory guidelines during the four quarters of the reporting period. Xylene concentrations ranged from 0.0965 mg/L during the 3rd quarter to 0.202 mg/L during the 4th quarter of 2013. 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 (0.0835 mg/L), 1-methylnaphthalene (0.0742 mg/L), and 2-methylnaphthalene (0.05252 mg/L).

Monitor well MW-20 is sampled on an annual schedule. During the reporting period MW-20 was sampled on a semi-annual schedule. The analytical results indicate benzene concentrations ranged from <0.00100 mg/L in the 2nd quarter to 0.0509 mg/L in the 4th quarter. Benzene concentrations were above NMOCD regulatory guidelines during the 4th quarter 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 <0.00100 mg/L during the 2nd quarter to 0.0186 mg/L during the 4th quarter of 2013. 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 0.00260 mg/L during the 4th quarter to 0.338 mg/L during the 1st quarter of 2013. Benzene concentrations were above NMOCD regulatory guidelines during the 1st quarter of the reporting period. Toluene, ethylbenzene, and xylene concentrations were below the MDL and NMOCD regulatory guidelines during all four 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 0.393 mg/L during the 3rd quarter to 4.14 mg/L during the 4th quarter of 2013. Benzene concentrations were above NMOCD regulatory guidelines during all four quarters of the reporting period. Toluene concentrations were below MDL and NMOCD

regulatory guidelines during all four quarters of the reporting period. Ethylbenzene concentrations ranged from <0.0487 mg/L during the 3rd quarter to 0.997 mg/L during the 4th quarter of 2013. Ethylbenzene concentrations were above NMOCD regulatory guidelines during the 4th quarter of the reporting period. Xylene concentrations ranged from 0.0362 mg/L during the 3rd quarter to 0.291 mg/L during the 4th quarter of 2013. Xylene concentrations were below NMOCD regulatory guidelines during all four 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 0.204 mg/L during the 2nd quarter to 0.755 mg/L during the 4th quarter of 2013. Benzene concentrations were above NMOCD regulatory guidelines during all four quarters of the reporting period. Toluene and ethylbenzene concentrations were below MDLs and NMOCD regulatory guidelines during all four quarters of the reporting period. Xylene concentrations ranged from <0.005 mg/L during the 3rd quarter to 0.00460 mg/L during the 2nd quarter of 2013. Xylene concentrations were below NMOCD regulatory guidelines during all four 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 on a quarterly schedule. Analytical results indicate benzene concentrations ranged from 0.219 mg/L during the 4th quarter to 0.599 mg/L during the 2nd quarter of 2013. Benzene concentrations were above NMOCD regulatory guidelines during all four quarters of the reporting period. Toluene concentrations ranged from <0.005 mg/L during the 1st quarter to 0.0024 mg/L during the 4th quarter of 2013. Toluene concentrations were below NMOCD regulatory guidelines during the four quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0238 mg/L during the 4th quarter to 0.0768 mg/L during the 2nd quarter of 2013. Ethylbenzene concentrations were below NMOCD regulatory guidelines during the four quarters of the reporting period. Xylene concentrations ranged from <0.00500 mg/L during the 1st and 3rd quarters to 0.0610 mg/L during the 2nd quarter of 2013. Xylene concentrations were below NMOCD regulatory guidelines during the four 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.

Recovery well RW-2 is sampled on a quarterly schedule. Analytical results indicate benzene concentrations ranged from 0.132 mg/L during the 1st quarter to 0.836 mg/L during the 4th quarter of 2013. Benzene concentrations were above NMOCD regulatory guidelines during all four quarters of the reporting period. Toluene concentrations ranged from <0.00100 mg/L during the 3rd quarter to 0.0013 mg/L during the 4th quarter of 2013. Toluene concentrations were below NMOCD regulatory guidelines during the four quarters of the reporting period. Ethylbenzene concentrations ranged from <0.00500 mg/L during the 1st quarter to 0.2830 mg/L during the 3rd quarter of 2013. Ethylbenzene concentrations were below NMOCD regulatory guidelines during the four quarters of the reporting period. Xylene concentrations ranged from <0.00500 mg/L during the 1st quarter to 0.0835 mg/L during the 3rd quarter of 2013. Xylene concentrations were below NMOCD regulatory guidelines during the four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for 1-methylnaphthalene (0.141 mg/L), and 2-methylnaphthalene (0.0924 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 2013 annual monitoring period. Currently, there are 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 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 0.007 feet/foot to the southeast.

A measurable thickness of PSH was detected in monitor well MW-7 during the 2013 annual reporting period. A maximum PSH thickness of 1.74 feet was recorded on March 19, 2013 and is

shown on Table 1. The average thickness of PSH in monitor well MW-7 during 2013 was 1.04 feet. Approximately 26.7 gallons (0.64 barrels) of PSH was recovered from the site during the 2013 reporting period. A total of approximately 1,217 gallons (30.0 barrels) of PSH has been recovered since project inception.

Review of the laboratory analytical results indicates fourteen 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 38 feet bgs and operate at a pressure of approximately five psi per well.

ANTICIPATED ACTIONS

Quarterly monitoring and groundwater sampling will continue in 2014. 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, 2015.

Plains will continue air sparging in 2014 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 are installed at a depth of approximately 38 feet bgs and operate at a pressure of approximately five psi per well. Plains may adjust the sparging system based on site conditions and analytical results.

Based on the results of the PAH analysis over the past several years, further PAH analysis be conducted only on those monitor and recovery wells (MW-2 through MW-6, 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

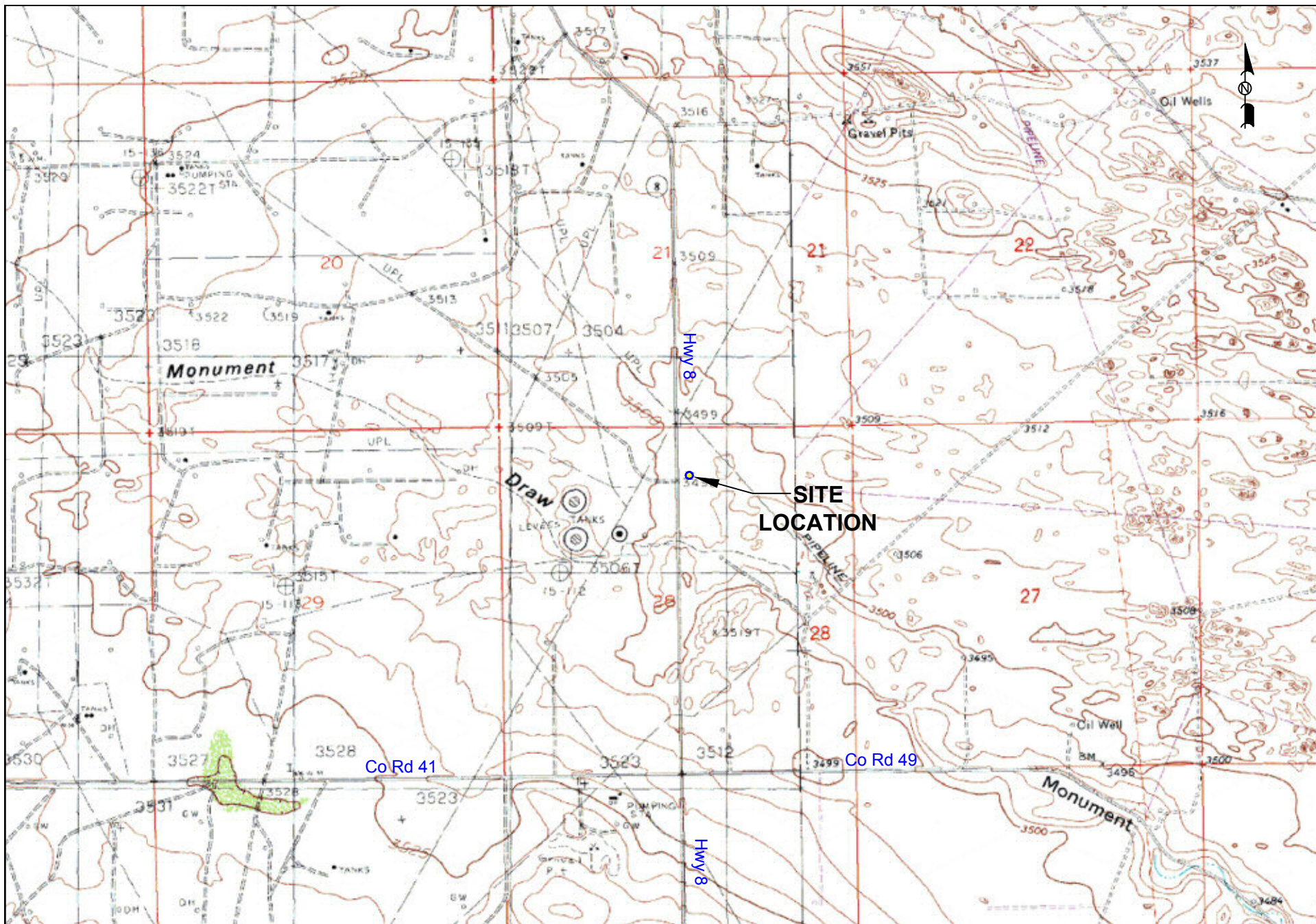
NOVA has prepared this 2013 Annual Monitoring Report to the best of its ability. No other warranty, expressed or implied, is made or intended.

NOVA has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. NOVA 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. NOVA has prepared this report, in a professional manner, using the degree of skill and care exercised by similar environmental consultants. NOVA 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 NOVA and/or Plains.

DISTRIBUTION

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333 Clay Street
Suite 1600
Houston, TX 77002
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- Copy 5: NOVA Safety and Environmental
2057 Commerce Street
Midland, TX 79703
cstanley@novatraining.cc



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

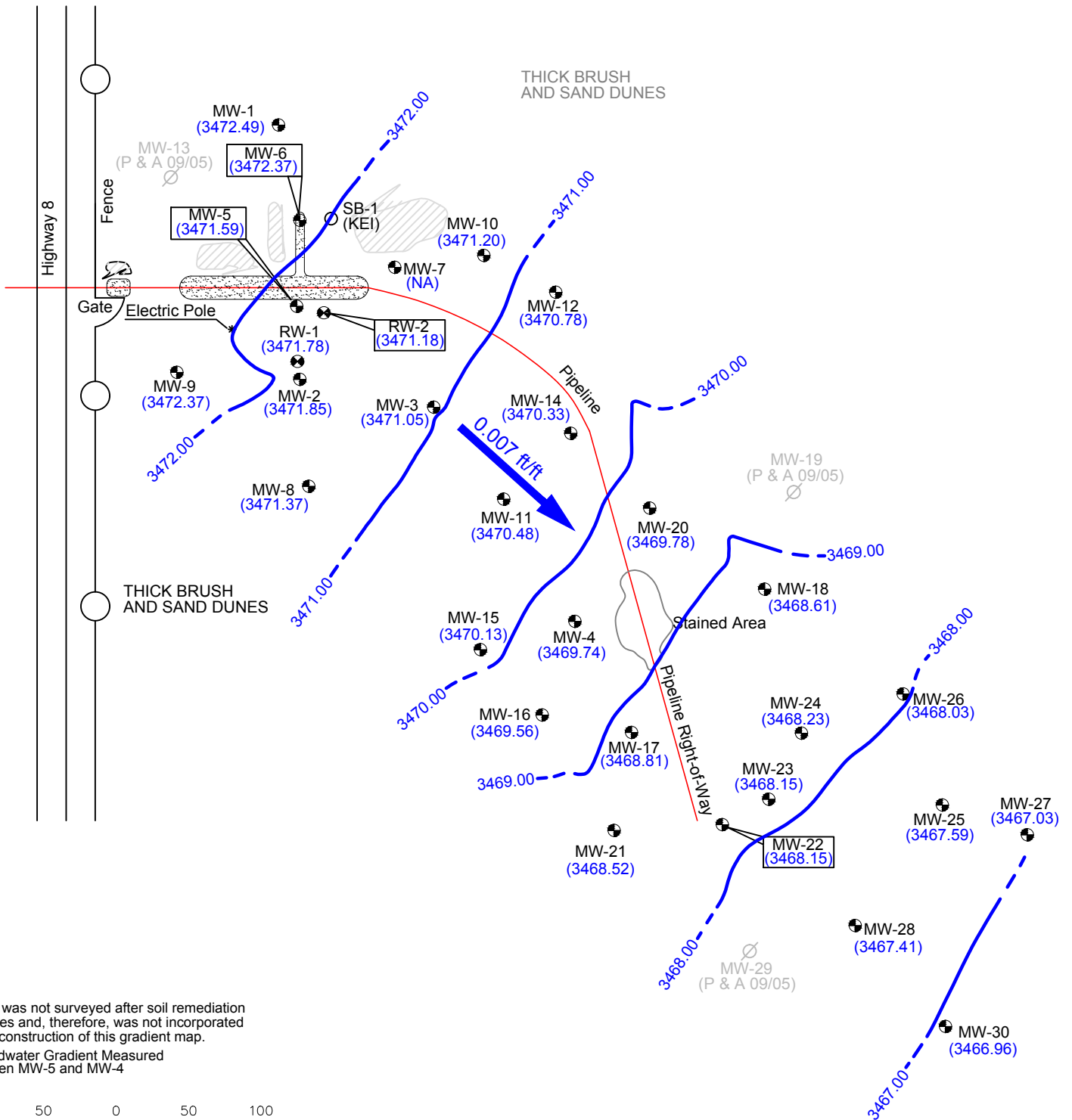
NMOCD Reference #AP-13



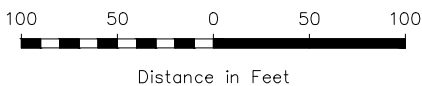
2057 Commerce Drive
Midland, Texas 79703
432.520.7720

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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



Legend:

- Monitor Well
- Recovery Well
- Soil Boring
- Geoprobe Location
- Groundwater Elevation in Feet (3470.53)
- Groundwater Contour Line
- Well Plugged and Abandoned
- Stockpile Soil
- Excavated Area

Figure 2A
Inferred Groundwater
Gradient Map
(2/12/2013)
Plains Marketing, L.P.
TNM 97-18
Lea County, NM
NMOCD Reference # AP-0013

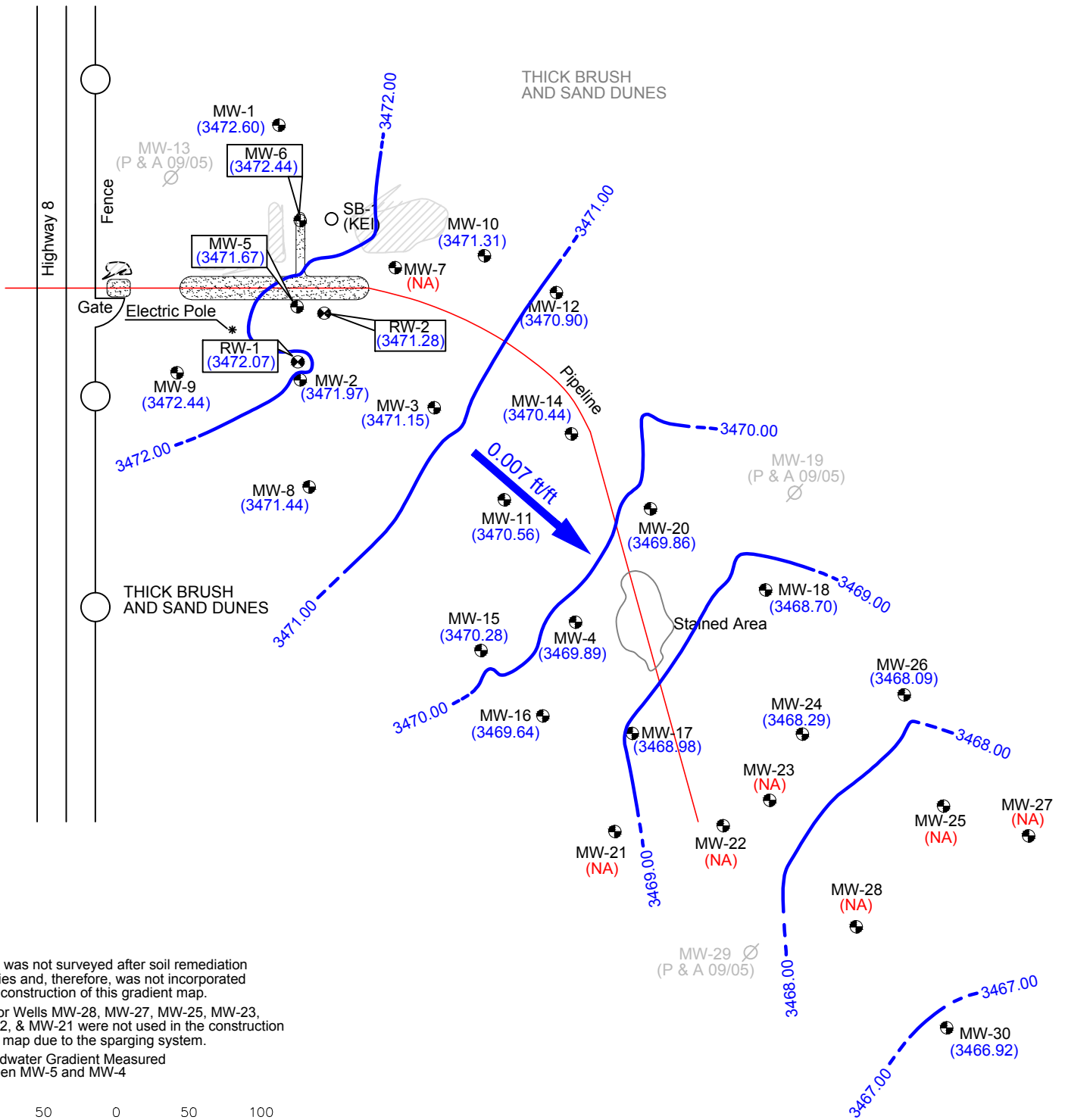


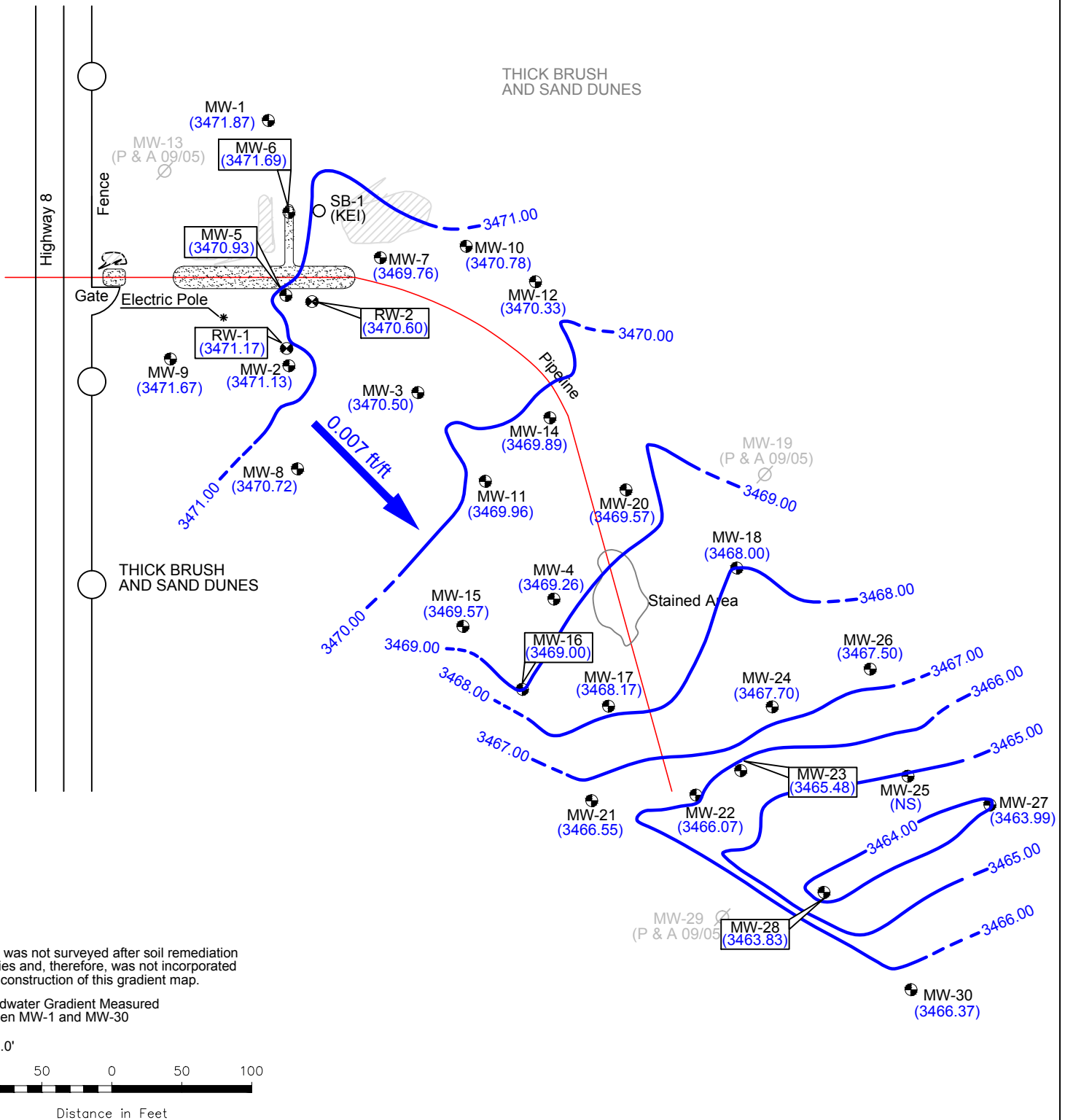
2057 Commerce Drive
Midland, Texas 79703

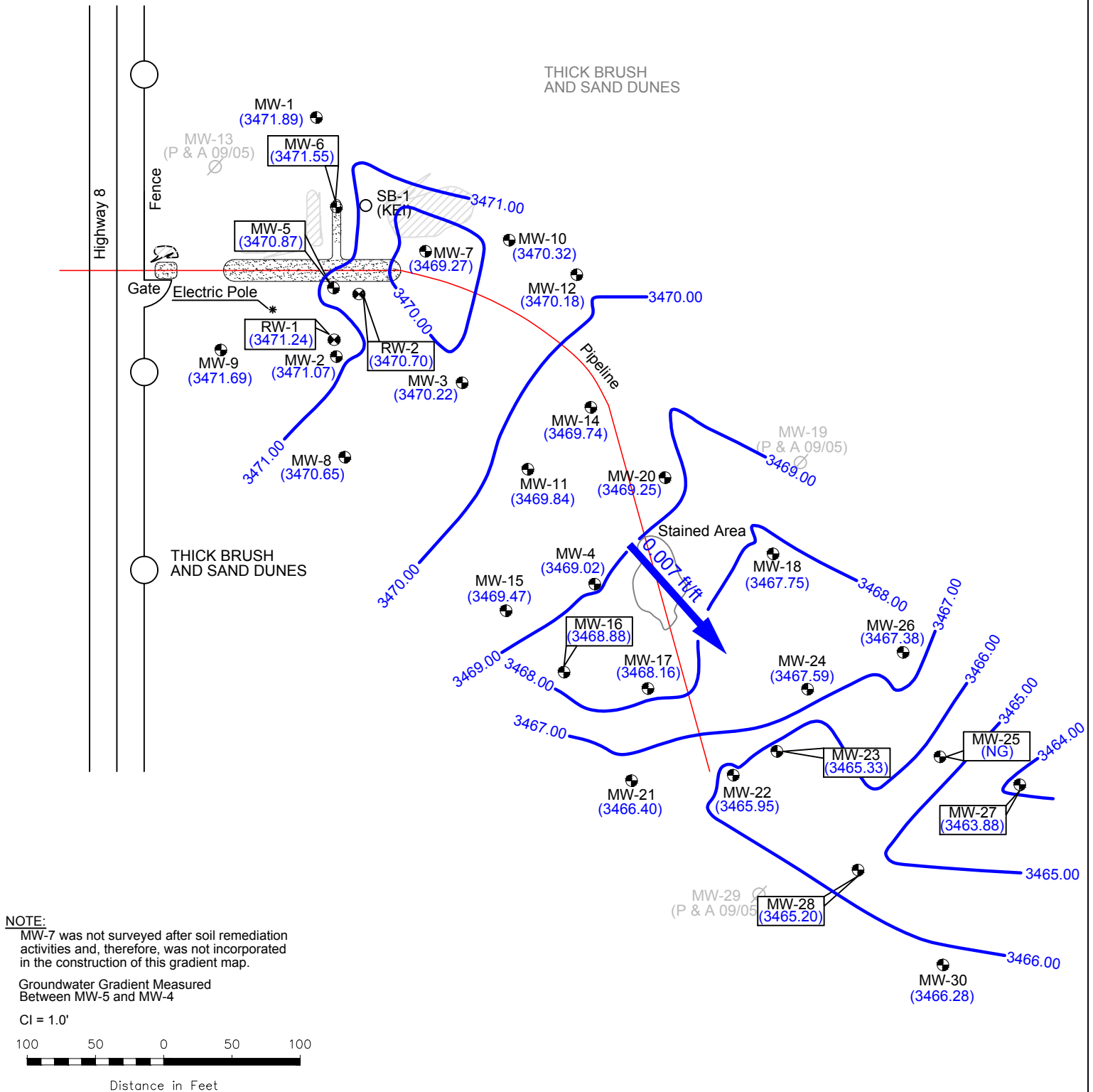
www.novasafetyandenvironmental.com

April 13, 2013 Scale: 1" = 100' CAD By: CAS Checked By: RKR

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







Legend:	
	(NG) Well Not Gauged on 11/26/13
	(3470.53) Groundwater Elevation in Feet
	Groundwater Contour Line
	Well Plugged and Abandoned
	Stockpile Soil
	Excavated Area

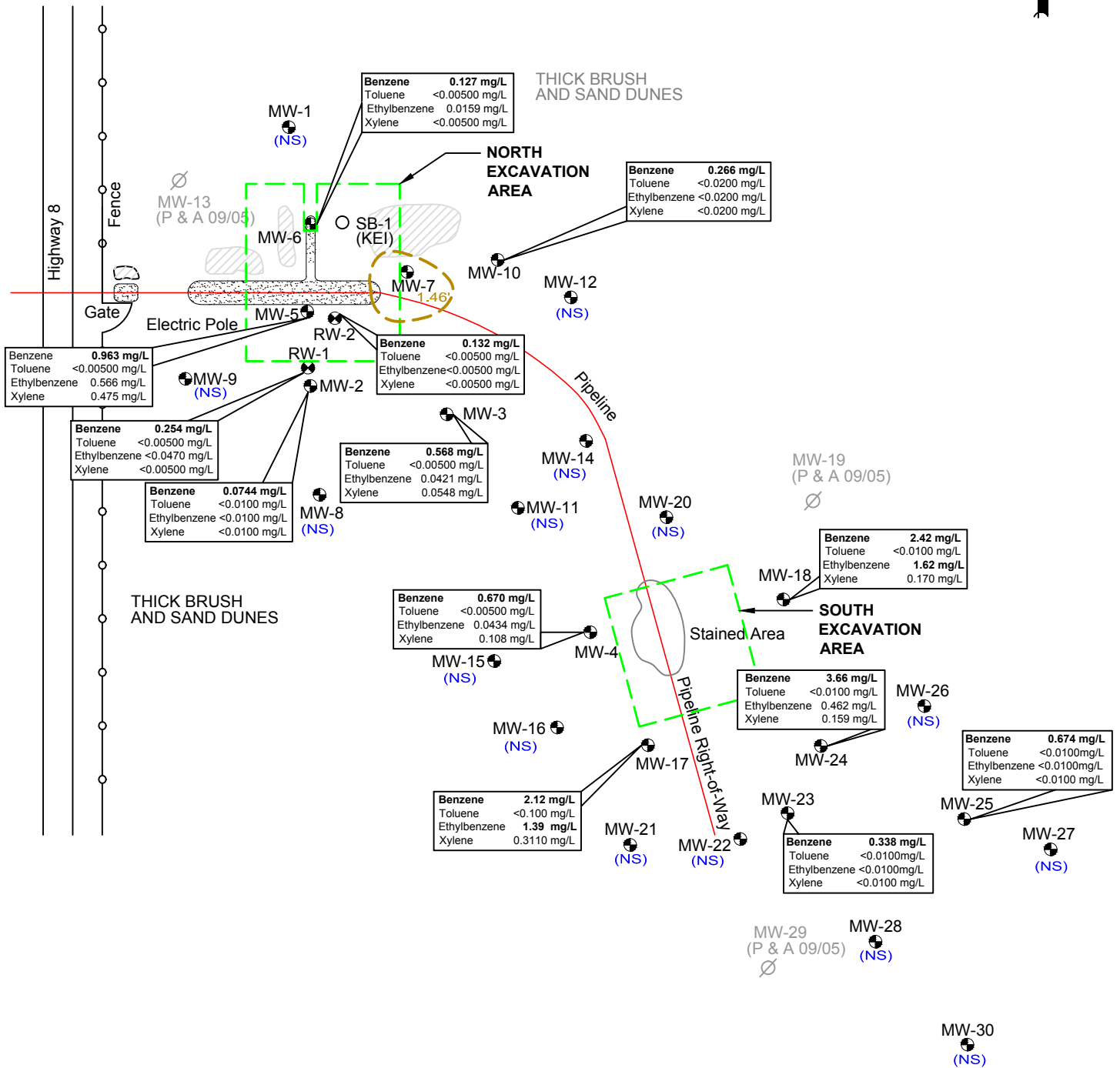
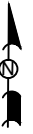
Figure 2D
Inferred Groundwater
Gradient Map
(11/26/2013)
Plains Marketing, L.P.
TNM 97-18
Lea County, NM
NMOCD Reference # AP-0013



2057 Commerce Drive
Midland, Texas 79703

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January 7, 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	Stockpile Soil	
Recovery Well	Excavated Area	
Soil Boring	(NS) Not Sampled	
Geoprobe Location	Inferred PSH Extent	
Well Plugged and Abandoned	0.18' Thickness of PSH (feet)	

Figure 3A
Groundwater Concentration
and Inferred PSH Extent Map
(2/12/2013)
Plains Marketing, L.P.
TNM 97-18
Lea County, NM
NMOCD Reference # AP-0013

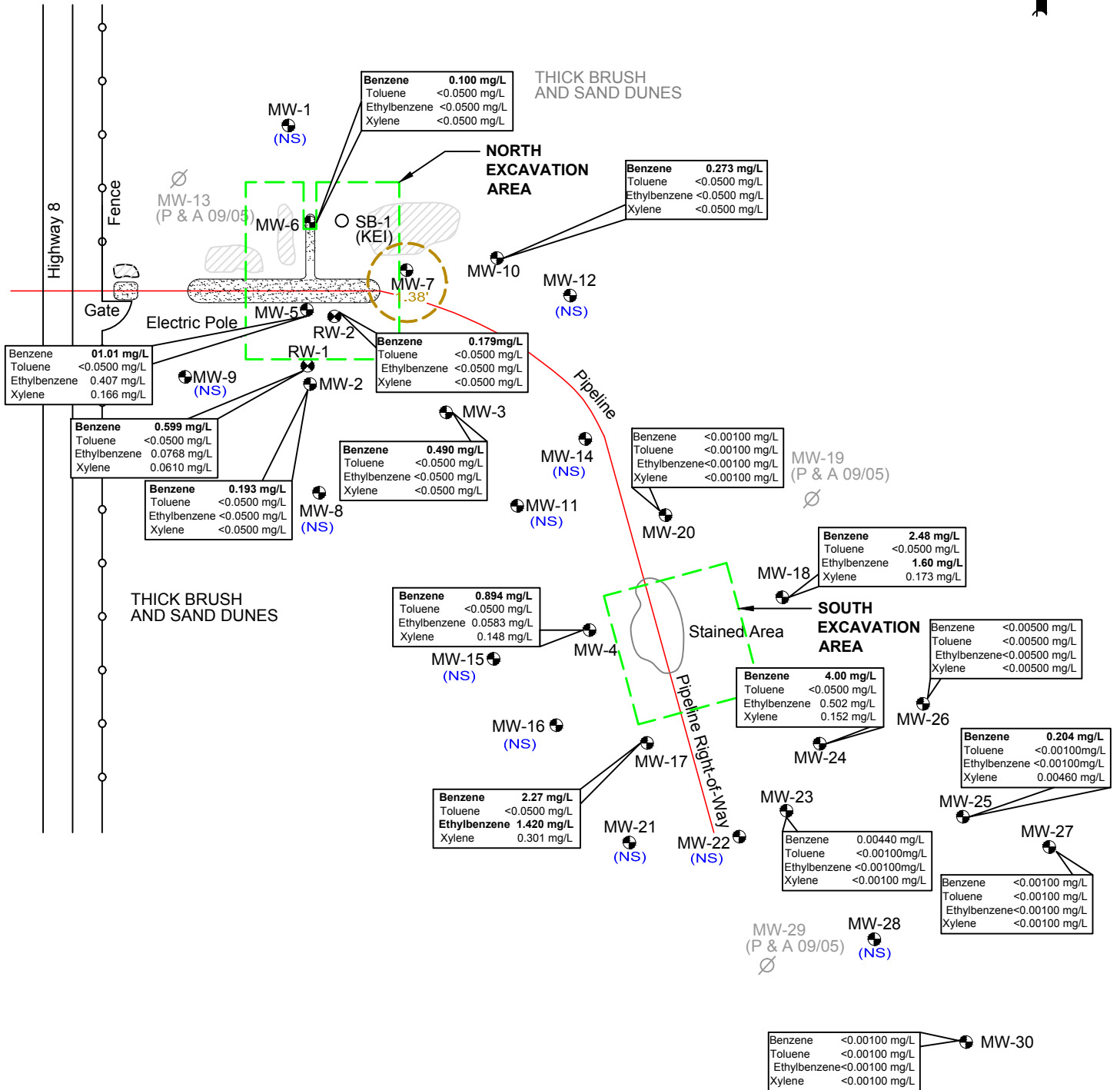
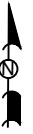


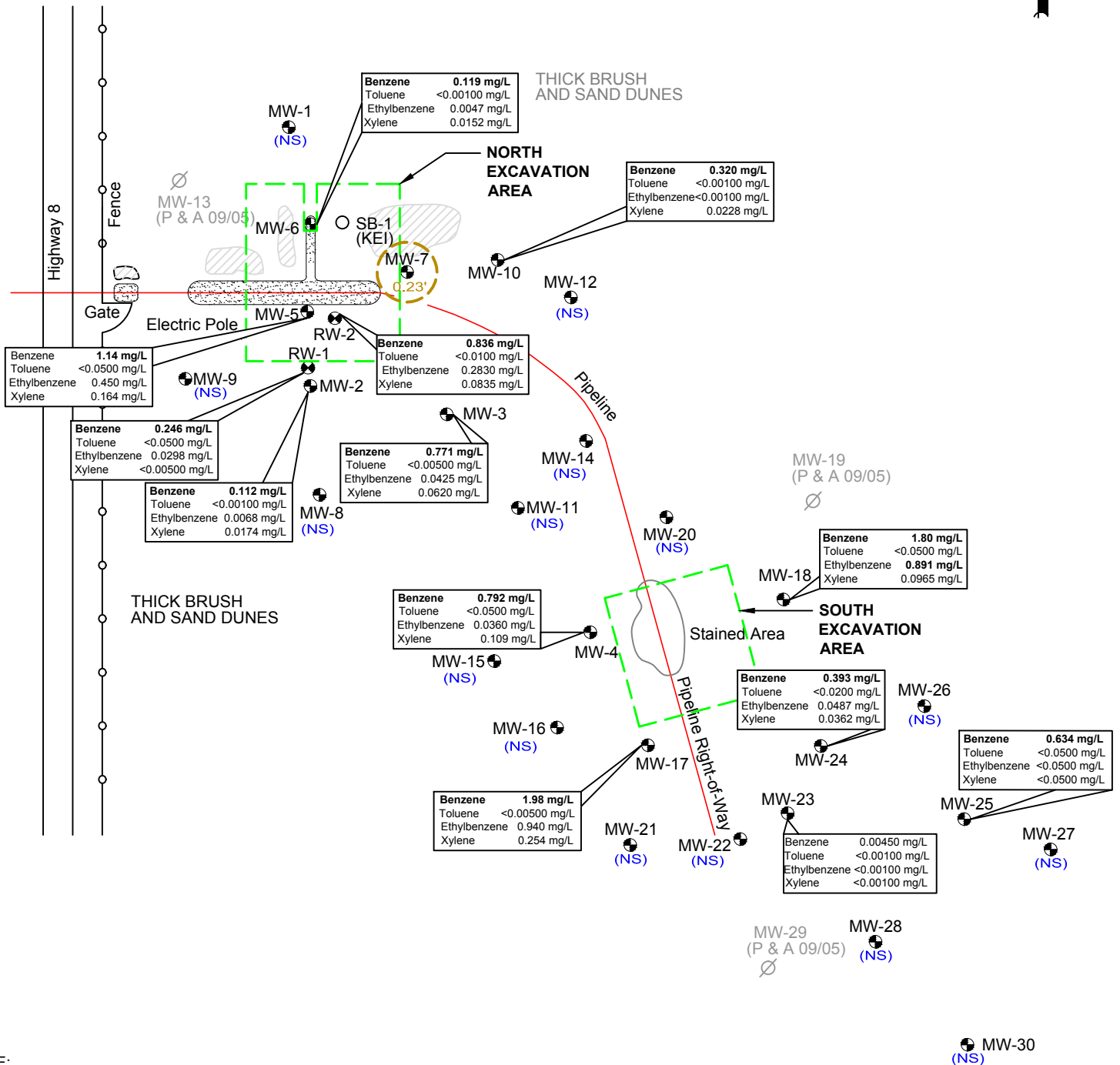
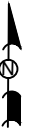
2057 Commerce Drive
Midland, Texas 79703
432.520.7720

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April 9, 2013 Scale: 1" = 100' CAD By: CAS Checked By: RKR

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
- MW-25 was Sampled on 8/13/2013



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
(8/7/2013)
Plains Marketing, L.P.
TNM 97-18
Lea County, NM
NMOCD Reference # AP-0013



2057 Commerce Drive
Midland, Texas 79703
432.520.7720

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September 27, 2013	Scale: 1" = 100'	CAD By: TA	Checked By: CJB
Lat. N 32° 32' 56.97" Long. W 103° 15' 22.47"			

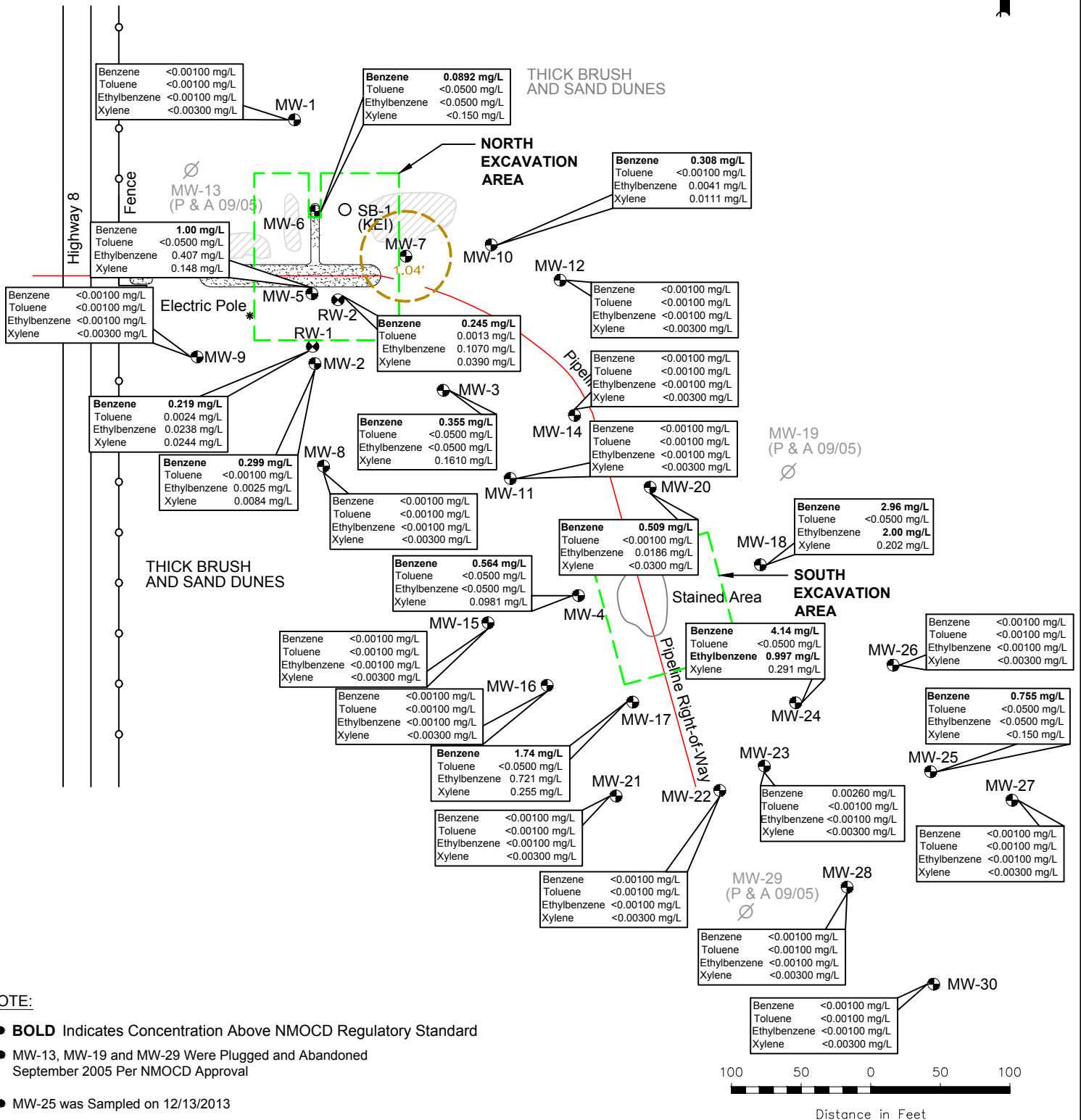
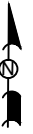


TABLE 1

2013 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	02/12/13	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 - 2	01/08/13	3499.19	-	27.29	0.00	3471.90
MW - 2	01/16/13	3499.19	-	27.43	0.00	3471.76
MW - 2	01/24/13	3499.19	-	27.43	0.00	3471.76
MW - 2	01/30/13	3499.19	-	27.43	0.00	3471.76
MW - 2	02/12/13	3499.19	-	27.34	0.00	3471.85
MW - 2	03/19/13	3499.19	-	27.29	0.00	3471.90
MW - 2	04/02/13	3499.19	-	27.33	0.00	3471.86
MW - 2	04/08/13	3499.19	-	27.19	0.00	3472.00
MW - 2	04/16/13	3499.19	-	27.31	0.00	3471.88
MW - 2	04/23/13	3499.19	-	27.41	0.00	3471.78
MW - 2	05/01/13	3499.19	-	27.35	0.00	3471.84
MW - 2	05/08/13	3499.19	-	27.31	0.00	3471.88
MW - 2	05/15/13	3499.19	-	27.22	0.00	3471.97
MW - 2	05/17/13	3499.19	-	27.32	0.00	3471.87
MW - 2	05/23/13	3499.19	-	27.40	0.00	3471.79
MW - 2	05/29/13	3499.19	-	27.34	0.00	3471.85
MW - 2	06/12/13	3499.19	-	27.68	0.00	3471.51
MW - 2	06/19/13	3499.19	-	27.75	0.00	3471.44
MW - 2	06/27/13	3499.19	-	27.92	0.00	3471.27
MW - 2	07/02/13	3499.19	-	27.94	0.00	3471.25
MW - 2	07/08/13	3499.19	-	28.07	0.00	3471.12
MW - 2	07/15/13	3499.19	-	28.09	0.00	3471.10
MW - 2	07/23/13	3499.19	-	27.99	0.00	3471.20
MW - 2	07/29/13	3499.19	-	27.96	0.00	3471.23
MW - 2	08/07/13	3499.19	-	28.06	0.00	3471.13
MW - 2	08/15/13	3499.19	-	28.23	0.00	3470.96
MW - 2	08/20/13	3499.19	-	28.22	0.00	3470.97
MW - 2	08/28/13	3499.19	-	28.30	0.00	3470.89
MW - 2	09/05/13	3499.19	-	28.27	0.00	3470.92
MW - 2	09/09/13	3499.19	-	28.21	0.00	3470.98
MW - 2	09/18/13	3499.19	-	28.24	0.00	3470.95
MW - 2	09/28/13	3499.19	-	28.41	0.00	3470.78
MW - 2	10/01/13	3499.19	-	28.27	0.00	3470.92
MW - 2	10/08/13	3499.19	-	28.27	0.00	3470.92
MW - 2	10/14/13	3499.19	-	28.41	0.00	3470.78
MW - 2	10/23/13	3499.19	-	28.17	0.00	3471.02
MW - 2	10/29/13	3499.19	-	28.09	0.00	3471.10
MW - 2	11/16/13	3499.19	-	27.96	0.00	3471.23
MW - 2	11/27/13	3499.19	-	28.12	0.00	3471.07
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 - 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

TABLE 1

2013 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	04/08/13	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
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 - 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

TABLE 1

2013 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	06/27/13	3498.38	-	29.11	0.00	3469.27
MW - 4	07/02/13	3498.38	-	29.15	0.00	3469.23
MW - 4	07/08/13	3498.38	-	29.23	0.00	3469.15
MW - 4	07/15/13	3498.38	-	29.17	0.00	3469.21
MW - 4	07/23/13	3498.38	-	29.09	0.00	3469.29
MW - 4	07/29/13	3498.38	-	28.99	0.00	3469.39
MW - 4	08/07/13	3498.38	-	29.12	0.00	3469.26
MW - 4	08/15/13	3498.38	-	29.43	0.00	3468.95
MW - 4	08/20/13	3498.38	-	29.48	0.00	3468.90
MW - 4	08/28/13	3498.38	-	29.46	0.00	3468.92
MW - 4	09/05/13	3498.38	-	29.67	0.00	3468.71
MW - 4	09/09/13	3498.38	-	29.50	0.00	3468.88
MW - 4	09/18/13	3498.38	-	29.61	0.00	3468.77
MW - 4	09/28/13	3498.38	-	29.55	0.00	3468.83
MW - 4	10/01/13	3498.38	-	29.73	0.00	3468.65
MW - 4	10/08/13	3498.38	-	29.41	0.00	3468.97
MW - 4	10/14/13	3498.38	-	29.47	0.00	3468.91
MW - 4	10/23/13	3498.38	-	29.05	0.00	3469.33
MW - 4	10/29/13	3498.38	-	29.06	0.00	3469.32
MW - 4	11/16/13	3498.38	-	29.29	0.00	3469.09
MW - 4	11/27/13	3498.38	-	29.36	0.00	3469.02
MW - 4	12/02/13	3498.38	-	29.21	0.00	3469.17
MW - 4	12/14/13	3498.38	-	29.55	0.00	3468.83
MW - 4	12/19/13	3498.38	-	29.23	0.00	3469.15
MW - 4	12/24/13	3498.38	-	29.12	0.00	3469.26
MW - 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

TABLE 1

2013 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	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 - 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
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 - 7	01/08/13	3498.33	28.08	29.47	1.39	3470.04
MW - 7	01/16/13		28.24	29.52	1.28	
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

TABLE 1

2013 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	04/08/13	3498.33	27.91	29.54	1.63	3470.18
MW - 7	04/16/13	3498.33	28.10	29.54	1.44	3470.01
MW - 7	04/23/13	3498.33	28.18	29.61	1.43	3469.94
MW - 7	05/01/13	3498.33	28.12	29.78	1.66	3469.96
MW - 7	05/08/13	3498.33	28.08	29.46	1.38	3470.04
MW - 7	05/15/13	3498.33	27.99	29.37	1.38	3470.13
MW - 7	05/17/13	3498.33	28.10	29.50	1.40	3470.02
MW - 7	05/23/13	3498.33	28.18	29.39	1.21	3469.97
MW - 7	05/29/13	3498.33	28.09	29.28	1.19	3470.06
MW - 7	06/12/13	3498.33	28.43	29.36	0.93	3469.76
MW - 7	06/19/13	3498.33	28.48	29.37	0.89	3469.72
MW - 7	06/27/13	3498.33	28.68	29.48	0.80	3469.53
MW - 7	07/02/13	3498.33	28.76	29.53	0.77	3469.45
MW - 7	07/08/13	3498.33	28.82	29.47	0.65	3469.41
MW - 7	07/15/13	3498.33	28.88	29.47	0.59	3469.36
MW - 7	07/23/13	3498.33	28.73	29.47	0.74	3469.49
MW - 7	07/29/13	3498.33	28.72	29.35	0.63	3469.52
MW - 7	08/07/13	3498.33	28.54	28.77	0.23	3469.76
MW - 7	08/15/13	3498.33	28.51	28.73	0.22	3469.79
MW - 7	08/20/13	3498.33	28.65	28.73	0.08	3469.67
MW - 7	08/28/13	3498.33	28.95	29.70	0.75	3469.27
MW - 7	09/05/13	3498.33	29.02	29.76	0.74	3469.20
MW - 7	09/09/13	3498.33	28.93	29.69	0.76	3469.29
MW - 7	09/18/13	3498.33	29.02	29.78	0.76	3469.20
MW - 7	09/28/13	3498.33	29.06	29.90	0.84	3469.14
MW - 7	10/01/13	3498.33	29.05	29.85	0.80	3469.16
MW - 7	10/08/13	3498.33	29.05	29.87	0.82	3469.16
MW - 7	10/14/13	3498.33	29.06	29.85	0.79	3469.15
MW - 7	10/23/13	3498.33	28.97	29.80	0.83	3469.24
MW - 7	10/29/13	3498.33	28.86	29.84	0.98	3469.32
MW - 7	11/16/13	3498.33	28.69	29.90	1.21	3469.46
MW - 7	11/27/13	3498.33	28.90	29.94	1.04	3469.27
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 - 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 - 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 - 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

TABLE 1

2013 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	04/23/13	3499.42	-	28.25	0.00	3471.17
MW - 10	05/01/13	3499.42	-	28.28	0.00	3471.14
MW - 10	05/08/13	3499.42	-	28.13	0.00	3471.29
MW - 10	05/15/13	3499.42	-	28.11	0.00	3471.31
MW - 10	05/17/13	3499.42	-	28.15	0.00	3471.27
MW - 10	05/23/13	3499.42	-	28.24	0.00	3471.18
MW - 10	05/29/13	3499.42	-	28.19	0.00	3471.23
MW - 10	06/12/13	3499.42	-	28.46	0.00	3470.96
MW - 10	06/19/13	3499.42	-	28.52	0.00	3470.90
MW - 10	06/27/13	3499.42	-	28.63	0.00	3470.79
MW - 10	07/02/13	3499.42	-	28.73	0.00	3470.69
MW - 10	07/08/13	3499.42	-	28.77	0.00	3470.65
MW - 10	07/15/13	3499.42	-	28.79	0.00	3470.63
MW - 10	07/23/13	3499.42	-	28.66	0.00	3470.76
MW - 10	07/29/13	3499.42	-	28.60	0.00	3470.82
MW - 10	08/07/13	3499.42	-	28.64	0.00	3470.78
MW - 10	08/15/13	3499.42	-	28.75	0.00	3470.67
MW - 10	08/20/13	3499.42	-	28.78	0.00	3470.64
MW - 10	08/28/13	3499.42	-	29.11	0.00	3470.31
MW - 10	09/05/13	3499.42	-	29.19	0.00	3470.23
MW - 10	09/09/13	3499.42	-	29.05	0.00	3470.37
MW - 10	09/18/13	3499.42	-	29.19	0.00	3470.23
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 - 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 - 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 - 13	09/13/05	Plugged and Abandoned				
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 - 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

TABLE 1

2013 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	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 - 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
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 - 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

TABLE 1

2013 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	04/08/13	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
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 - 19	09/13/05	Plugged and Abandoned				
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 - 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 - 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 - 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

TABLE 1

2013 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	01/24/13	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 - 24	01/08/13	3498.79	-	30.57	0.00	3468.22
MW - 24	01/16/13	3498.79	-	30.64	0.00	3468.15
MW - 24	01/24/13	3498.79	-	30.63	0.00	3468.16
MW - 24	01/30/13	3498.79	-	30.62	0.00	3468.17
MW - 24	02/12/13	3498.79	-	30.56	0.00	3468.23
MW - 24	03/19/13	3498.79	-	30.52	0.00	3468.27
MW - 24	04/02/13	3498.79	-	30.55	0.00	3468.24
MW - 24	04/08/13	3498.79	-	30.47	0.00	3468.32
MW - 24	04/16/13	3498.79	-	30.56	0.00	3468.23
MW - 24	04/23/13	3498.79	-	30.63	0.00	3468.16
MW - 24	05/01/13	3498.79	-	30.56	0.00	3468.23
MW - 24	05/08/13	3498.79	-	30.53	0.00	3468.26
MW - 24	05/15/13	3498.79	-	30.50	0.00	3468.29
MW - 24	05/17/13	3498.79	-	30.56	0.00	3468.23
MW - 24	05/23/13	3498.79	-	30.61	0.00	3468.18
MW - 24	05/29/13	3498.79	-	29.59	0.00	3469.20
MW - 24	06/12/13	3498.79	-	30.85	0.00	3467.94
MW - 24	06/19/13	3498.79	-	30.92	0.00	3467.87
MW - 24	06/27/13	3498.79	-	31.03	0.00	3467.76
MW - 24	07/02/13	3498.79	-	30.08	0.00	3468.71
MW - 24	07/08/13	3498.79	-	31.12	0.00	3467.67
MW - 24	07/15/13	3498.79	-	31.20	0.00	3467.59
MW - 24	07/23/13	3498.79	-	31.06	0.00	3467.73
MW - 24	07/29/13	3498.79	-	31.01	0.00	3467.78
MW - 24	08/07/13	3498.79	-	31.09	0.00	3467.70
MW - 24	08/15/13	3498.79	-	31.19	0.00	3467.60
MW - 24	08/20/13	3498.79	-	31.22	0.00	3467.57
MW - 24	08/28/13	3498.79	-	31.28	0.00	3467.51
MW - 24	09/05/13	3498.79	-	31.33	0.00	3467.46
MW - 24	09/09/13	3498.79	-	31.29	0.00	3467.50
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 - 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

TABLE 1

2013 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	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 gauge				
MW - 25	05/01/13	unable to gauge				
MW - 25	05/08/13	unable to gauge				
MW - 25	05/15/13	3498.08	-	35.54	0.00	3462.54
MW - 25	08/08/13	unable to gauge				
MW - 25	11/27/13	unable to gauge				
MW - 25	12/14/13	unable to gauge				
MW - 25	12/19/13	3498.08	-	35.81	0.00	3462.27
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 - 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 - 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 - 29	09/13/05	Plugged and Abandoned				
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
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

TABLE 1

2013 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	07/15/13	3498.89	-	27.77	0.00	3471.12
RW - 1	07/23/13	3498.89	-	27.70	0.00	3471.19
RW - 1	07/29/13	3498.89	-	27.77	0.00	3471.12
RW - 1	08/07/13	3498.89	-	27.72	0.00	3471.17
RW - 1	08/15/13	3498.89	-	27.82	0.00	3471.07
RW - 1	08/20/13	3498.89	-	27.77	0.00	3471.12
RW - 1	08/28/13	3498.89	-	27.82	0.00	3471.07
RW - 1	09/05/13	3498.89	-	27.97	0.00	3470.92
RW - 1	09/09/13	3498.89	-	27.85	0.00	3471.04
RW - 1	09/18/13	3498.89	-	27.95	0.00	3470.94
RW - 1	09/28/13	3498.89	-	28.05	0.00	3470.84
RW - 1	10/01/13	3498.89	-	27.89	0.00	3471.00
RW - 1	10/08/13	3498.89	-	27.94	0.00	3470.95
RW - 1	10/14/13	3498.89	-	27.97	0.00	3470.92
RW - 1	10/23/13	3498.89	-	27.78	0.00	3471.11
RW - 1	10/29/13	3498.89	-	27.64	0.00	3471.25
RW - 1	11/16/13	3498.89	-	27.56	0.00	3471.33
RW - 1	11/27/13	3498.89	-	27.65	0.00	3471.24
RW - 1	12/02/13	3498.89	-	27.50	0.00	3471.39
RW - 1	12/14/13	3498.89	-	27.67	0.00	3471.22
RW - 1	12/19/13	3498.89	-	27.40	0.00	3471.49
RW - 1	12/24/13	3498.89	-	27.54	0.00	3471.35
RW - 2	01/08/13	3498.99	-	27.71	0.00	3471.28
RW - 2	01/16/13	3498.99	-	27.80	0.00	3471.19
RW - 2	01/24/13	3498.99	-	27.82	0.00	3471.17
RW - 2	01/30/13	3498.99	-	27.86	0.00	3471.13
RW - 2	02/12/13	3498.99	-	27.81	0.00	3471.18
RW - 2	03/19/13	3498.99	27.72	27.73	0.01	3471.27
RW - 2	04/02/13	3498.99	-	27.69	0.00	3471.30
RW - 2	04/08/13	3498.99	-	27.54	0.00	3471.45
RW - 2	04/16/13	3498.99	27.64	27.67	0.03	3471.35
RW - 2	04/23/13	3498.99	-	27.87	0.00	3471.12
RW - 2	05/01/13	3498.99	-	27.87	0.00	3471.12
RW - 2	05/08/13	3498.99	-	27.71	0.00	3471.28
RW - 2	05/15/13	3498.99	-	27.71	0.00	3471.28
RW - 2	05/17/13	3498.99	-	27.72	0.00	3471.27
RW - 2	05/23/13	3498.99	-	27.78	0.00	3471.21
RW - 2	05/29/13	3498.99	-	27.79	0.00	3471.20
RW - 2	06/12/13	3498.99	-	28.12	0.00	3470.87
RW - 2	06/19/13	3498.99	-	28.14	0.00	3470.85
RW - 2	06/27/13	3498.99	-	28.39	0.00	3470.60
RW - 2	07/02/13	3498.99	-	28.34	0.00	3470.65
RW - 2	07/08/13	3498.99	-	28.40	0.00	3470.59
RW - 2	07/15/13	3498.99	-	28.50	0.00	3470.49
RW - 2	07/23/13	3498.99	-	28.32	0.00	3470.67
RW - 2	07/29/13	3498.99	-	28.32	0.00	3470.67
RW - 2	08/07/13	3498.99	-	28.39	0.00	3470.60
RW - 2	08/15/13	3498.99	-	28.39	0.00	3470.60
RW - 2	08/20/13	3498.99	-	28.40	0.00	3470.59
RW - 2	08/28/13	3498.99	-	28.53	0.00	3470.46
RW - 2	09/05/13	3498.99	-	28.71	0.00	3470.28
RW - 2	09/09/13	3498.99	-	28.56	0.00	3470.43
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

TABLE 1

2013 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	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

Elevation based on the North American Vertical Datum of 1929.

TABLE 2
2013 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	02/12/13	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	<0.00100	<0.00100	<0.00100	<0.00300	
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 - 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 - 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 - 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 - 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 - 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 - 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	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 9	02/12/13	Not Sampled on Current Sample Schedule				

TABLE 2
2013 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	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	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 10	02/12/13	0.266	<0.02	<0.02	<0.02	
MW - 10	05/15/13	0.273	<0.0500	<0.0500	<0.0500	
MW - 10	08/07/13	0.320	<0.00100	<0.00100	0.0228	
MW - 10	11/26/13	0.308	<0.00100	0.0041	0.0111	
MW - 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	<0.00100	<0.00100	<0.00100	<0.00300	
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	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 13	09/13/05	Plugged and Abandoned				
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	<0.00100	<0.00100	<0.00100	<0.00300	
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	<0.00100	<0.00100	<0.00100	<0.00300	
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	<0.00100	<0.00100	<0.00100	<0.00300	
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	

TABLE 2
2013 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	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 - 19	09/13/05	Plugged and Abandoned				
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 - 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	<0.00100	<0.00100	<0.00100	<0.00300	
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	<0.00100	<0.00100	<0.00100	<0.00300	
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 - 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 - 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 - 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				

TABLE 2
2013 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 - 26	11/26/13	<0.00100	<0.00100	<0.00100	<0.00300	
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 - 28	02/12/13	Not Sampled on Current Sample Schedule				
MW - 28	05/15/13	Not Sampled on Current Sample Schedule				
MW - 28	08/13/13	Not Sampled on Current Sample Schedule				
MW - 28	11/26/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 29	09/13/05	Plugged and Abandoned				
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	
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 - 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	

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.																		
MW-2	11/13/08	<0.00917	<0.00917	0.0389	<0.00917	<0.00917	<0.00917	<0.00917	<0.00917	<0.00917	<0.00917	0.0256	<0.00917	0.0385	<0.00917	0.0778	0.179	0.180	0.028	
	11/23/09	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.00451	<0.000922	0.00667	<0.000922	0.0133	0.0304	0.0217	0.00353	
	11/18/10	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00419	<0.000184	0.00164	0.0065	0.00198	0.00219	
	12/14/11	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	0.00495	<0.000188	0.0154	0.0292	0.0174	0.00412	
	11/20/12	<0.00948	<0.00948	<0.00948	<0.00948	<0.00948	<0.00948	<0.00948	<0.00948	<0.00948	<0.00948	<0.00948	<0.00948	0.0306	<0.00948	0.0202	0.0664	0.0179	<0.00948	
	11/27/13	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	
MW-3	11/13/08	<0.000184	0.000464	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00202	<0.000184	0.00241	<0.000184	0.00606	0.0137	0.00483	0.00215	
	11/23/09	<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	0.000552	<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	0.00294	<0.000188	0.00586	0.0197	0.00		

TABLE 3

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	<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
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
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.																		
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.																		
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	<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	<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.																		
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

TABLE 3

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	<0.000922	<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	
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.																		
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.																		
MW-14																				
	11/13/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
	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.																		
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	<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	<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.																		

TABLE 3

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		---	
	11/27/13	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.																		
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	0.0900	0.0563	0.135	<0.000200
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
	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
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.																		
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.																		

TABLE 3

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.																			
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		
	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.																			
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		
	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.																			
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.																			
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	<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.																			
MW-26	11/13/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000315	<0.000184	0.000323	0.0015	<0.000184	0.00135	
	11/23/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000766	<0.000184	<0.000184	<0.000184	<0.000184	0.00135	
	11/18/10	Not Sampled as part of Quarterly Monitoring Event.																			

TABLE 3

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.																		
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.																		
	11/20/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/13	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.																		
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.																		
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	0.0156	<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	0.00328	<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	0.00152	<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	
	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	
	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	
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	0.0194	<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	0.00385	<0.000183	0.00386	<0.000183	0.0206	0.0413	0.0227	0.00346	

TABLE 3

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		---	
	11/18/10	<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	0.00418	<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	0.00971	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	0.141	0.0924	<0.000200	

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.
--------------------------------------	---------------	-----------

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

TABLE 1
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
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

TABLE 1

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	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 - 2	02/03/99	3499.19	-	28.72	0.00	3470.47
MW - 2	05/13/99	3499.19	-	28.34	0.00	3470.85
MW - 2	08/24/99	3499.19	-	28.83	0.00	3470.36
MW - 2	11/30/99	3499.19	-	28.26	0.00	3470.93
MW - 2	03/03/00	3499.19	-	28.38	0.00	3470.81
MW - 2	05/16/00	3499.19	-	28.43	0.00	3470.76
MW - 2	09/01/00	3499.19	-	29.00	0.00	3470.19
MW - 2	11/21/00	3499.19	-	28.94	0.00	3470.25
MW - 2	03/05/01	3499.19	28.75	28.88	0.13	3470.42
MW - 2	05/17/01	3499.19	28.52	28.66	0.14	3470.65
MW - 2	08/27/01	3499.19	29.58	29.72	0.14	3469.59
MW - 2	10/24/01	3499.19	29.09	29.24	0.15	3470.08
MW - 2	03/27/02	3499.19	28.30	28.62	0.32	3470.84
MW - 2	05/14/02	3499.19	27.99	28.25	0.26	3471.16
MW - 2	06/07/02	3499.19	28.08	28.34	0.26	3471.07
MW - 2	09/27/02	3499.19	28.09	28.46	0.37	3471.04
MW - 2	10/29/02	3499.19	28.19	28.63	0.44	3470.93
MW - 2	11/07/02	3499.19	28.07	28.51	0.44	3471.05
MW - 2	12/04/02	3499.19	28.10	28.12	0.02	3471.09
MW - 2	01/07/03	3499.19	sheen	28.01	0.00	3471.18
MW - 2	01/27/03	3499.19	sheen	27.83	0.00	3471.36
MW - 2	02/25/03	3499.19	sheen	27.81	0.00	3471.38
MW - 2	03/06/03	3499.19	sheen	27.91	0.00	3471.28
MW - 2	03/11/03	3499.19	sheen	27.85	0.00	3471.34
MW - 2	03/20/03	3499.19	27.92	27.93	0.01	3471.27
MW - 2	04/02/03	3499.19	27.78	27.79	0.01	3471.41
MW - 2	04/16/03	3499.19	sheen	27.88	0.00	3471.31
MW - 2	04/23/03	3499.19	sheen	27.78	0.00	3471.41
MW - 2	04/29/03	3499.19	27.73	27.74	0.01	3471.46
MW - 2	05/15/03	3499.19	sheen	27.81	0.00	3471.38
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

TABLE 1
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	11/11/03	3499.19	sheen	29.71	0.00	3469.48
MW - 2	11/18/03	3499.19	sheen	29.54	0.00	3469.65
MW - 2	11/25/03	3499.19	-	29.21	0.00	3469.98
MW - 2	12/08/03	3499.19	sheen	29.29	0.00	3469.90
MW - 2	01/27/04	3499.19	-	29.70	0.00	3469.49
MW - 2	02/02/04	3499.19	-	29.61	0.00	3469.58
MW - 2	02/10/04	3499.19	-	29.28	0.00	3469.91
MW - 2	02/20/04	3499.19	-	29.50	0.00	3469.69
MW - 2	03/04/04	3499.19	-	29.27	0.00	3469.92
MW - 2	03/16/04	3499.19	-	29.55	0.00	3469.64
MW - 2	03/25/04	3499.19	-	29.63	0.00	3469.56
MW - 2	03/31/04	3499.19	-	29.60	0.00	3469.59
MW - 2	04/01/04	3499.19	-	29.65	0.00	3469.54
MW - 2	04/08/04	3499.19	-	27.11	0.00	3472.08
MW - 2	04/14/04	3499.19	-	27.67	0.00	3471.52
MW - 2	04/16/04	3499.19	-	27.86	0.00	3471.33
MW - 2	04/22/04	3499.19	26.98	26.99	0.01	3472.21
MW - 2	04/29/04	3499.19	-	26.82	0.00	3472.37
MW - 2	05/05/04	3499.19	sheen	27.11	0.00	3472.08
MW - 2	05/10/04	3499.19	-	26.82	0.00	3472.37
MW - 2	06/08/04	3499.19	-	26.76	0.00	3472.43
MW - 2	06/17/04	3499.19	sheen	26.95	0.00	3472.24
MW - 2	06/22/04	3499.19	-	26.98	0.00	3472.21
MW - 2	06/25/04	3499.19	-	26.96	0.00	3472.23
MW - 2	06/26/04	3499.19	-	26.96	0.00	3472.23
MW - 2	06/29/04	3499.19	-	26.95	0.00	3472.24
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

TABLE 1
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	01/25/05	3499.19	sheen	25.19	0.00	3474.00
MW - 2	01/28/05	3499.19	sheen	25.18	0.00	3474.01
MW - 2	02/02/05	3499.19	sheen	25.24	0.00	3473.95
MW - 2	02/05/05	3499.19	sheen	25.14	0.00	3474.05
MW - 2	02/08/05	3499.19	sheen	25.15	0.00	3474.04
MW - 2	02/11/05	3499.19	sheen	25.11	0.00	3474.08
MW - 2	02/15/05	3499.19	sheen	25.23	0.00	3473.96
MW - 2	02/18/05	3499.19	sheen	25.21	0.00	3473.98
MW - 2	02/22/05	3499.19	sheen	25.11	0.00	3474.08
MW - 2	02/25/05	3499.19	sheen	25.23	0.00	3473.96
MW - 2	03/01/05	3499.19	sheen	25.15	0.00	3474.04
MW - 2	03/04/05	3499.19	sheen	25.23	0.00	3473.96
MW - 2	03/08/05	3499.19	sheen	25.03	0.00	3474.16
MW - 2	03/10/05	3499.19	sheen	25.03	0.00	3474.16
MW - 2	03/11/05	3499.19	sheen	25.05	0.00	3474.14
MW - 2	03/15/05	3499.19	sheen	25.06	0.00	3474.13
MW - 2	03/19/05	3499.19	sheen	25.04	0.00	3474.15
MW - 2	03/22/05	3499.19	sheen	25.08	0.00	3474.11
MW - 2	03/28/05	3499.19	sheen	24.93	0.00	3474.26
MW - 2	04/01/05	3499.19	sheen	25.10	0.00	3474.09
MW - 2	04/05/05	3499.19	sheen	24.95	0.00	3474.24
MW - 2	04/08/05	3499.19	sheen	24.97	0.00	3474.22
MW - 2	04/12/05	3499.19	sheen	24.97	0.00	3474.22
MW - 2	04/15/05	3499.19	sheen	24.95	0.00	3474.24
MW - 2	05/25/05	3499.19	sheen	24.70	0.00	3474.49
MW - 2	06/03/05	3499.19	sheen	24.57	0.00	3474.62
MW - 2	06/06/05	3499.19	sheen	24.56	0.00	3474.63
MW - 2	06/10/05	3499.19	24.51	24.52	0.01	3474.68
MW - 2	06/13/05	3499.19	sheen	24.72	0.00	3474.47
MW - 2	06/20/05	3499.19	sheen	24.72	0.00	3474.47
MW - 2	06/24/05	3499.19	sheen	24.69	0.00	3474.50
MW - 2	06/27/05	3499.19	sheen	24.71	0.00	3474.48
MW - 2	07/18/05	3499.19	sheen	25.04	0.00	3474.15
MW - 2	07/25/05	3499.19	sheen	25.07	0.00	3474.12
MW - 2	08/01/05	3499.19	sheen	25.12	0.00	3474.07
MW - 2	08/04/05	3499.19	sheen	25.13	0.00	3474.06
MW - 2	08/10/05	3499.19	24.19	24.20	0.01	3475.00
MW - 2	08/16/05	3499.19	sheen	25.29	0.00	3473.90
MW - 2	08/23/05	3499.19	25.06	25.08	0.02	3474.13
MW - 2	08/29/05	3499.19	25.00	25.02	0.02	3474.19
MW - 2	09/06/05	3499.19	24.94	24.95	0.01	3474.25
MW - 2	09/09/05	3499.19	24.91	24.93	0.02	3474.28
MW - 2	09/12/05	3499.19	24.90	24.91	0.01	3474.29
MW - 2	09/19/05	3499.19	25.11	25.15	0.04	3474.07
MW - 2	09/27/05	3499.19	24.59	24.74	0.15	3474.58
MW - 2	10/03/05	3499.19	24.65	24.77	0.12	3474.52
MW - 2	10/10/05	3499.19	25.02	25.09	0.07	3474.16
MW - 2	10/17/05	3499.19	25.03	25.09	0.06	3474.15
MW - 2	10/24/05	3499.19	24.89	24.90	0.01	3474.30
MW - 2	11/01/05	3499.19	24.84	24.85	0.01	3474.35
MW - 2	11/08/05	3499.19	24.78	24.81	0.03	3474.41
MW - 2	11/15/05	3499.19	24.91	24.98	0.07	3474.27
MW - 2	11/22/05	3499.19	24.79	24.85	0.06	3474.39
MW - 2	11/27/05	3499.19	24.72	24.78	0.06	3474.46
MW - 2	12/02/05	3499.19	24.81	24.82	0.01	3474.38
MW - 2	12/05/05	3499.19	24.74	24.78	0.04	3474.44

TABLE 1
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	12/07/05	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
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

TABLE 1
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	02/14/07	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	01/06/09	3499.19	-	-	-	-
MW - 2	02/11/09	3499.19	-	25.25	0.00	3473.94
MW - 2	02/24/09	3499.19	-	25.18	0.00	3474.01
MW - 2	03/04/09	3499.19	-	25.20	0.00	3473.99
MW - 2	03/17/09	3499.19	-	25.20	0.00	3473.99
MW - 2	03/25/09	3499.19	-	25.19	0.00	3474.00
MW - 2	04/08/09	3499.19	-	25.20	0.00	3473.99
MW - 2	04/15/09	3499.19	-	25.20	0.00	3473.99
MW - 2	04/29/09	3499.19	-	25.21	0.00	3473.98
MW - 2	05/13/09	3499.19	-	25.26	0.00	3473.93
MW - 2	06/01/09	3499.19	-	25.55	0.00	3473.64
MW - 2	06/10/09	3499.19	-	25.28	0.00	3473.91
MW - 2	06/12/09	3499.19	-	25.73	0.00	3473.46
MW - 2	06/18/09	3499.19	-	25.29	0.00	3473.90
MW - 2	06/24/09	3499.19	-	25.82	0.00	3473.37
MW - 2	07/02/09	3499.19	-	25.93	0.00	3473.26
MW - 2	07/08/09	3499.19	-	25.31	0.00	3473.88
MW - 2	07/14/09	3499.19	-	25.87	0.00	3473.32
MW - 2	07/20/09	3499.19	-	25.88	0.00	3473.31
MW - 2	07/27/09	3499.19	-	25.89	0.00	3473.30
MW - 2	08/03/09	3499.19	-	26.00	0.00	3473.19
MW - 2	08/11/09	3499.19	-	26.15	0.00	3473.04
MW - 2	08/18/09	3499.19	-	26.18	0.00	3473.01
MW - 2	08/24/09	3499.19	-	26.22	0.00	3472.97

TABLE 1

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	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
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

TABLE 1

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	05/05/11	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
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

TABLE 1

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	01/30/13	3499.19	-	27.43	0.00	3471.76
MW - 2	02/12/13	3499.19	-	27.34	0.00	3471.85
MW - 2	03/19/13	3499.19	-	27.29	0.00	3471.90
MW - 2	04/02/13	3499.19	-	27.33	0.00	3471.86
MW - 2	04/08/13	3499.19	-	27.19	0.00	3472.00
MW - 2	04/16/13	3499.19	-	27.31	0.00	3471.88
MW - 2	04/23/13	3499.19	-	27.41	0.00	3471.78
MW - 2	05/01/13	3499.19	-	27.35	0.00	3471.84
MW - 2	05/08/13	3499.19	-	27.31	0.00	3471.88
MW - 2	05/15/13	3499.19	-	27.22	0.00	3471.97
MW - 2	05/17/13	3499.19	-	27.32	0.00	3471.87
MW - 2	05/23/13	3499.19	-	27.40	0.00	3471.79
MW - 2	05/29/13	3499.19	-	27.34	0.00	3471.85
MW - 2	06/12/13	3499.19	-	27.68	0.00	3471.51
MW - 2	06/19/13	3499.19	-	27.75	0.00	3471.44
MW - 2	06/27/13	3499.19	-	27.92	0.00	3471.27
MW - 2	07/02/13	3499.19	-	27.94	0.00	3471.25
MW - 2	07/08/13	3499.19	-	28.07	0.00	3471.12
MW - 2	07/15/13	3499.19	-	28.09	0.00	3471.10
MW - 2	07/23/13	3499.19	-	27.99	0.00	3471.20
MW - 2	07/29/13	3499.19	-	27.96	0.00	3471.23
MW - 2	08/07/13	3499.19	-	28.06	0.00	3471.13
MW - 2	08/15/13	3499.19	-	28.23	0.00	3470.96
MW - 2	08/20/13	3499.19	-	28.22	0.00	3470.97
MW - 2	08/28/13	3499.19	-	28.30	0.00	3470.89
MW - 2	09/05/13	3499.19	-	28.27	0.00	3470.92
MW - 2	09/09/13	3499.19	-	28.21	0.00	3470.98
MW - 2	09/18/13	3499.19	-	28.24	0.00	3470.95
MW - 2	09/28/13	3499.19	-	28.41	0.00	3470.78
MW - 2	10/01/13	3499.19	-	28.27	0.00	3470.92
MW - 2	10/08/13	3499.19	-	28.27	0.00	3470.92
MW - 2	10/14/13	3499.19	-	28.41	0.00	3470.78
MW - 2	10/23/13	3499.19	-	28.17	0.00	3471.02
MW - 2	10/29/13	3499.19	-	28.09	0.00	3471.10
MW - 2	11/16/13	3499.19	-	27.96	0.00	3471.23
MW - 2	11/27/13	3499.19	-	28.12	0.00	3471.07
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 - 3	02/03/99	3500.05	-	30.36	0.00	3469.69
MW - 3	05/13/99	3500.05	-	29.99	0.00	3470.06
MW - 3	08/24/99	3500.05	-	30.40	0.00	3469.65
MW - 3	11/30/99	3500.05	-	29.87	0.00	3470.18
MW - 3	03/03/00	3500.05	-	29.95	0.00	3470.10
MW - 3	05/16/00	3500.05	-	30.03	0.00	3470.02
MW - 3	09/01/00	3500.05	-	30.56	0.00	3469.49
MW - 3	11/21/00	3500.05	-	30.21	0.00	3469.84
MW - 3	03/05/01	3500.05	-	30.25	0.00	3469.80
MW - 3	05/17/01	3500.05	-	30.05	0.00	3470.00
MW - 3	08/27/01	3500.05	-	31.00	0.00	3469.05
MW - 3	10/24/01	3500.05	-	30.40	0.00	3469.65
MW - 3	03/27/02	3500.05	-	29.90	0.00	3470.15
MW - 3	05/14/02	3500.05	-	29.58	0.00	3470.47
MW - 3	06/07/02	3500.05	-	29.68	0.00	3470.37

TABLE 1
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	09/27/02	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
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

TABLE 1

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	08/04/04	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
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

TABLE 1
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	06/24/05	3500.05	sheen	26.33	0.00	3473.72
MW - 3	06/27/05	3500.05	sheen	26.34	0.00	3473.71
MW - 3	07/18/05	3500.05	sheen	26.68	0.00	3473.37
MW - 3	07/25/05	3500.05	sheen	26.72	0.00	3473.33
MW - 3	08/01/05	3500.05	sheen	26.82	0.00	3473.23
MW - 3	08/04/05	3500.05	sheen	26.83	0.00	3473.22
MW - 3	08/10/05	3500.05	26.84	26.85	0.01	3473.21
MW - 3	08/16/05	3500.05	sheen	26.98	0.00	3473.07
MW - 3	08/23/05	3500.05	sheen	26.75	0.00	3473.30
MW - 3	08/29/05	3500.05	sheen	26.66	0.00	3473.39
MW - 3	09/06/05	3500.05	sheen	26.62	0.00	3473.43
MW - 3	09/09/05	3500.05	26.27	26.28	0.01	3473.78
MW - 3	09/12/05	3500.05	26.58	26.59	0.01	3473.47
MW - 3	09/19/05	3500.05	sheen	26.81	0.00	3473.24
MW - 3	09/27/05	3500.05	sheen	26.84	0.00	3473.21
MW - 3	10/03/05	3500.05	sheen	26.89	0.00	3473.16
MW - 3	10/10/05	3500.05	sheen	26.73	0.00	3473.32
MW - 3	10/17/05	3500.05	sheen	26.70	0.00	3473.35
MW - 3	10/24/05	3500.05	sheen	26.64	0.00	3473.41
MW - 3	11/01/05	3500.05	sheen	26.59	0.00	3473.46
MW - 3	11/08/05	3500.05	sheen	26.64	0.00	3473.41
MW - 3	11/15/05	3500.05	sheen	26.65	0.00	3473.40
MW - 3	11/22/05	3500.05	sheen	26.49	0.00	3473.56
MW - 3	11/27/05	3500.05	sheen	26.51	0.00	3473.54
MW - 3	12/05/05	3500.05	-	26.42	0.00	3473.63
MW - 3	12/07/05	3500.05	sheen	26.51	0.00	3473.54
MW - 3	12/16/05	3500.05	sheen	26.40	0.00	3473.65
MW - 3	12/29/05	3500.05	sheen	26.33	0.00	3473.72
MW - 3	01/03/06	3500.05	sheen	26.43	0.00	3473.62
MW - 3	01/09/06	3500.05	sheen	26.50	0.00	3473.55
MW - 3	01/16/06	3500.05	sheen	26.30	0.00	3473.75
MW - 3	01/23/06	3500.05	sheen	26.51	0.00	3473.54
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

TABLE 1

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	10/17/06	3500.05	sheen	26.48	0.00	3473.57
MW - 3	11/29/06	3500.05	-	26.30	0.00	3473.75
MW - 3	01/04/07	3500.05	sheen	26.18	0.00	3473.87
MW - 3	02/14/07	3500.05	-	26.31	0.00	3473.74
MW - 3	02/26/07	3500.05	-	26.21	0.00	3473.84
MW - 3	04/03/07	3500.05	-	26.29	0.00	3473.76
MW - 3	04/17/07	3500.05	sheen	26.04	0.00	3474.01
MW - 3	05/21/07	3500.05	-	25.79	0.00	3474.26
MW - 3	08/16/07	3500.05	-	26.53	0.00	3473.52
MW - 3	09/13/07	3500.05	sheen	26.55	0.00	3473.50
MW - 3	11/07/07	3500.05	-	26.24	0.00	3473.81
MW - 3	01/09/08	3500.05	-	26.04	0.00	3474.01
MW - 3	01/16/08	3500.05	-	26.19	0.00	3473.86
MW - 3	01/23/08	3500.05	-	26.29	0.00	3473.76
MW - 3	02/08/08	3500.05	-	24.57	0.00	3475.48
MW - 3	02/12/08	3500.05	-	26.31	0.00	3473.74
MW - 3	02/22/08	3500.05	-	26.30	0.00	3473.75
MW - 3	03/05/08	3500.05	-	26.28	0.00	3473.77
MW - 3	06/23/08	3500.05	-	26.90	0.00	3473.15
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

TABLE 1

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	09/03/09	3500.05	-	27.99	0.00	3472.06
MW - 3	09/08/09	3500.05	-	28.12	0.00	3471.93
MW - 3	09/10/09	3500.05	-	28.15	0.00	3471.90
MW - 3	09/16/09	3500.05	-	28.10	0.00	3471.95
MW - 3	09/22/09	3500.05	-	28.22	0.00	3471.83
MW - 3	09/29/09	3500.05	-	26.07	0.00	3473.98
MW - 3	10/02/09	3500.05	-	28.11	0.00	3471.94
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
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

TABLE 1
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	05/10/11	3500.05	sheen	27.73	0.00	3472.32
MW - 3	05/17/11	3500.05	sheen	27.73	0.00	3472.32
MW - 3	05/17/11	3500.05	-	27.73	0.00	3472.32
MW - 3	05/24/11	3500.05	sheen	27.68	0.00	3472.37
MW - 3	06/07/11	3500.05	-	27.81	0.00	3472.24
MW - 3	06/14/11	3500.05	-	27.85	0.00	3472.20
MW - 3	06/23/11	3500.05	-	27.81	0.00	3472.24
MW - 3	06/28/11	3500.05	-	27.87	0.00	3472.18
MW - 3	07/06/11	3500.05	sheen	28.45	0.00	3471.60
MW - 3	07/14/11	3500.05	-	28.43	0.00	3471.62
MW - 3	07/27/11	3500.05	-	28.20	0.00	3471.85
MW - 3	08/03/11	3500.05	-	28.65	0.00	3471.40
MW - 3	08/11/11	3500.05	-	28.80	0.00	3471.25
MW - 3	08/18/11	3500.05	-	28.70	0.00	3471.35
MW - 3	08/25/11	3500.05	-	28.76	0.00	3471.29
MW - 3	09/02/11	3500.05	-	28.80	0.00	3471.25
MW - 3	09/09/11	3500.05	-	28.92	0.00	3471.13
MW - 3	11/08/11	3500.05	-	28.85	0.00	3471.20
MW - 3	12/28/11	3500.05	-	28.72	0.00	3471.33
MW - 3	01/05/12	3500.05	-	28.74	0.00	3471.31
MW - 3	01/18/12	3500.05	-	28.68	0.00	3471.37
MW - 3	01/27/12	3500.05	-	28.72	0.00	3471.33
MW - 3	02/02/12	3500.05	-	28.65	0.00	3471.40
MW - 3	02/10/12	3500.05	-	28.67	0.00	3471.38
MW - 3	02/15/12	3500.05	-	28.70	0.00	3471.35
MW - 3	03/01/12	3500.05	-	28.53	0.00	3471.52
MW - 3	03/07/12	3500.05	-	28.56	0.00	3471.49
MW - 3	03/14/12	3500.05	-	28.58	0.00	3471.47
MW - 3	03/19/12	3500.05	-	28.50	0.00	3471.55
MW - 3	03/26/12	3500.05	-	28.51	0.00	3471.54
MW - 3	04/04/12	3500.05	-	28.54	0.00	3471.51
MW - 3	04/11/12	3500.05	-	28.50	0.00	3471.55
MW - 3	04/17/12	3500.05	-	28.59	0.00	3471.46
MW - 3	04/25/12	3500.05	-	28.47	0.00	3471.58
MW - 3	05/23/12	3500.05	-	28.15	0.00	3471.90
MW - 3	05/31/12	3500.05	-	28.63	0.00	3471.42
MW - 3	06/06/12	3500.05	-	28.66	0.00	3471.39
MW - 3	06/13/12	3500.05	-	28.86	0.00	3471.19
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

TABLE 1

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	02/12/13	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
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 - 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

TABLE 1
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	08/27/01	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
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

TABLE 1

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	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
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

TABLE 1

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	06/06/05	3498.38	sheen	25.95	0.00	3472.43
MW - 4	06/10/05	3498.38	25.67	25.68	0.01	3472.71
MW - 4	06/13/05	3498.38	sheen	26.03	0.00	3472.35
MW - 4	06/20/05	3498.38	sheen	26.09	0.00	3472.29
MW - 4	06/24/05	3498.38	sheen	25.94	0.00	3472.44
MW - 4	06/27/05	3498.38	sheen	26.06	0.00	3472.32
MW - 4	07/18/05	3498.38	sheen	26.30	0.00	3472.08
MW - 4	07/25/05	3498.38	sheen	26.48	0.00	3471.90
MW - 4	08/01/05	3498.38	sheen	26.78	0.00	3471.60
MW - 4	08/04/05	3498.38	sheen	26.72	0.00	3471.66
MW - 4	08/10/05	3498.38	26.58	26.59	0.01	3471.80
MW - 4	08/16/05	3498.38	sheen	26.75	0.00	3471.63
MW - 4	08/23/05	3498.38	sheen	26.29	0.00	3472.09
MW - 4	08/29/05	3498.38	sheen	26.24	0.00	3472.14
MW - 4	09/06/05	3498.38	26.08	26.12	0.04	3472.29
MW - 4	09/09/05	3498.38	26.03	26.07	0.04	3472.34
MW - 4	09/12/05	3498.38	26.04	26.10	0.06	3472.33
MW - 4	09/19/05	3498.38	26.28	26.40	0.12	3472.08
MW - 4	09/27/05	3498.38	26.33	26.45	0.12	3472.03
MW - 4	10/03/05	3498.38	26.38	26.50	0.12	3471.98
MW - 4	10/10/05	3498.38	26.13	26.15	0.02	3472.25
MW - 4	10/17/05	3498.38	26.10	26.15	0.05	3472.27
MW - 4	10/24/05	3498.38	26.13	26.17	0.04	3472.24
MW - 4	11/01/05	3498.38	26.14	26.19	0.05	3472.23
MW - 4	11/08/05	3498.38	26.19	26.23	0.04	3472.18
MW - 4	11/15/05	3498.38	25.13	25.24	0.11	3473.23
MW - 4	11/22/05	3498.38	25.90	26.10	0.20	3472.45
MW - 4	11/27/05	3498.38	25.90	26.01	0.11	3472.46
MW - 4	12/05/05	3498.38	25.86	26.04	0.18	3472.49
MW - 4	12/07/05	3498.38	25.98	26.18	0.20	3472.37
MW - 4	12/16/05	3498.38	25.80	26.00	0.20	3472.55
MW - 4	12/29/05	3498.38	25.87	26.05	0.18	3472.48
MW - 4	01/03/06	3498.38	25.82	26.00	0.18	3472.53
MW - 4	01/09/06	3498.38	25.96	26.26	0.30	3472.38
MW - 4	01/16/06	3498.38	25.68	25.80	0.12	3472.68
MW - 4	01/23/06	3498.38	25.93	26.20	0.27	3472.41
MW - 4	01/30/06	3498.38	26.02	26.10	0.08	3472.35
MW - 4	02/07/06	3498.38	25.96	26.10	0.14	3472.40
MW - 4	02/14/06	3498.38	24.74	24.92	0.18	3473.61
MW - 4	02/21/06	3498.38	25.80	25.90	0.10	3472.57
MW - 4	02/27/06	3498.38	25.75	25.97	0.22	3472.60
MW - 4	03/06/06	3498.38	25.80	26.02	0.22	3472.55
MW - 4	03/09/06	3498.38	25.64	25.80	0.16	3472.72
MW - 4	03/17/06	3498.38	25.86	26.10	0.24	3472.48
MW - 4	03/21/06	3498.38	25.94	26.21	0.27	3472.40
MW - 4	03/28/06	3498.38	26.00	26.18	0.18	3472.35
MW - 4	04/03/06	3498.38	25.93	26.20	0.27	3472.41
MW - 4	04/10/06	3498.38	25.63	25.84	0.21	3472.72
MW - 4	04/17/06	3498.38	25.63	25.83	0.20	3472.72
MW - 4	05/01/06	3498.38	25.70	25.93	0.23	3472.65
MW - 4	05/08/06	3498.38	25.68	25.88	0.20	3472.67
MW - 4	05/15/06	3498.38	26.03	26.22	0.19	3472.32
MW - 4	06/05/06	3498.38	26.13	26.42	0.29	3472.21
MW - 4	06/08/06	3498.38	26.34	26.54	0.20	3472.01
MW - 4	06/12/06	3498.38	26.40	26.64	0.24	3471.94
MW - 4	06/19/06	3498.38	26.50	26.70	0.20	3471.85

TABLE 1

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	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
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

TABLE 1

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	11/05/07	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
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

TABLE 1

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	07/27/09	3498.38	-	27.43	0.00	3470.95
MW - 4	08/03/09	3498.38	-	27.41	0.00	3470.97
MW - 4	08/10/09	3498.38	-	27.37	0.00	3471.01
MW - 4	08/11/09	3498.38	-	27.37	0.00	3471.01
MW - 4	08/18/09	3498.38	-	27.60	0.00	3470.78
MW - 4	08/24/09	3498.38	-	27.56	0.00	3470.82
MW - 4	08/31/09	3498.38	-	27.59	0.00	3470.79
MW - 4	09/03/09	3498.38	-	27.57	0.00	3470.81
MW - 4	09/08/09	3498.38	-	27.63	0.00	3470.75
MW - 4	09/10/09	3498.38	-	27.73	0.00	3470.65
MW - 4	09/16/09	3498.38	-	27.68	0.00	3470.70
MW - 4	09/22/09	3498.38	-	27.81	0.00	3470.57
MW - 4	09/29/09	3498.38	-	27.85	0.00	3470.53
MW - 4	10/02/09	3498.38	-	27.64	0.00	3470.74
MW - 4	10/07/09	3498.38	-	27.68	0.00	3470.70
MW - 4	10/12/09	3498.38	-	27.43	0.00	3470.95
MW - 4	10/16/09	3498.38	-	27.68	0.00	3470.70
MW - 4	10/20/09	3498.38	-	27.24	0.00	3471.14
MW - 4	10/26/09	3498.38	-	27.22	0.00	3471.16
MW - 4	10/28/09	3498.38	-	27.64	0.00	3470.74
MW - 4	11/04/09	3498.38	-	27.86	0.00	3470.52
MW - 4	11/12/09	3498.38	-	27.70	0.00	3470.68
MW - 4	11/23/09	3498.38	-	27.71	0.00	3470.67
MW - 4	12/03/09	3498.38	-	27.75	0.00	3470.63
MW - 4	12/16/09	3498.38	-	27.79	0.00	3470.59
MW - 4	12/21/09	3498.38	-	27.74	0.00	3470.64
MW - 4	12/28/09	3498.38	-	27.22	0.00	3471.16
MW - 4	01/05/10	3498.38	-	27.76	0.00	3470.62
MW - 4	01/20/10	3498.38	-	27.26	0.00	3471.12
MW - 4	01/25/10	3498.38	-	27.24	0.00	3471.14
MW - 4	01/27/10	3498.38	-	27.80	0.00	3470.58
MW - 4	02/10/10	3498.38	-	27.81	0.00	3470.57
MW - 4	03/01/10	3498.38	-	27.24	0.00	3471.14
MW - 4	03/09/10	3498.38	-	27.82	0.00	3470.56
MW - 4	03/11/10	3498.38	-	27.81	0.00	3470.57
MW - 4	05/25/10	3498.38	-	27.44	0.00	3470.94
MW - 4	06/07/10	3498.38	-	27.64	0.00	3470.74
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

TABLE 1

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	01/18/11	3498.38	sheen	27.05	0.00	3471.33
MW - 4	02/22/11	3498.38	sheen	27.02	0.00	3471.36
MW - 4	03/01/11	3498.38	sheen	27.71	0.00	3470.67
MW - 4	03/07/11	3498.38	sheen	27.00	0.00	3471.38
MW - 4	03/22/11	3498.38	sheen	27.05	0.00	3471.33
MW - 4	04/27/11	3498.38	-	27.65	0.00	3470.73
MW - 4	05/05/11	3498.38	sheen	27.39	0.00	3470.99
MW - 4	05/10/11	3498.38	sheen	27.30	0.00	3471.08
MW - 4	05/17/11	3498.38	sheen	27.02	0.00	3471.36
MW - 4	05/17/11	3498.38	sheen	27.02	0.00	3471.36
MW - 4	05/24/11	3498.38	sheen	27.03	0.00	3471.35
MW - 4	06/07/11	3498.38	-	27.49	0.00	3470.89
MW - 4	06/14/11	3498.38	-	27.38	0.00	3471.00
MW - 4	06/23/11	3498.38	-	27.39	0.00	3470.99
MW - 4	06/28/11	3498.38	-	27.51	0.00	3470.87
MW - 4	07/06/11	3498.38	sheen	28.07	0.00	3470.31
MW - 4	07/14/11	3498.38	-	27.96	0.00	3470.42
MW - 4	07/27/11	3498.38	-	28.03	0.00	3470.35
MW - 4	08/03/11	3498.38	-	28.25	0.00	3470.13
MW - 4	08/11/11	3498.38	-	28.58	0.00	3469.80
MW - 4	08/18/11	3498.38	-	28.38	0.00	3470.00
MW - 4	08/25/11	3498.38	-	28.45	0.00	3469.93
MW - 4	09/02/11	3498.38	-	28.47	0.00	3469.91
MW - 4	09/07/11	3498.38	-	28.47	0.00	3469.91
MW - 4	09/09/11	3498.38	-	28.59	0.00	3469.79
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

TABLE 1

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	11/01/12	3498.38	-	28.89	0.00	3469.49
MW - 4	11/19/12	3498.38	-	28.65	0.00	3469.73
MW - 4	12/13/12	3498.38	-	29.06	0.00	3469.32
MW - 4	12/18/12	3498.38	-	28.53	0.00	3469.85
MW - 4	01/08/13	3498.38	-	28.60	0.00	3469.78
MW - 4	01/16/13	3498.38	-	28.71	0.00	3469.67
MW - 4	01/24/13	3498.38	-	28.68	0.00	3469.70
MW - 4	01/30/13	3498.38	-	28.71	0.00	3469.67
MW - 4	02/12/13	3498.38	-	28.64	0.00	3469.74
MW - 4	03/19/13	3498.38	-	28.54	0.00	3469.84
MW - 4	04/02/13	3498.38	-	28.55	0.00	3469.83
MW - 4	04/08/13	3498.38	-	28.35	0.00	3470.03
MW - 4	04/16/13	3498.38	-	28.48	0.00	3469.90
MW - 4	04/23/13	3498.38	-	28.57	0.00	3469.81
MW - 4	05/01/13	3498.38	-	28.49	0.00	3469.89
MW - 4	05/08/13	3498.38	-	28.52	0.00	3469.86
MW - 4	05/15/13	3498.38	-	28.49	0.00	3469.89
MW - 4	05/17/13	3498.38	-	28.55	0.00	3469.83
MW - 4	05/19/13	3498.38	-	28.60	0.00	3469.78
MW - 4	05/23/13	3498.38	-	28.65	0.00	3469.73
MW - 4	05/29/13	3498.38	-	28.60	0.00	3469.78
MW - 4	06/12/13	3498.38	-	28.93	0.00	3469.45
MW - 4	06/19/13	3498.38	-	28.96	0.00	3469.42
MW - 4	06/27/13	3498.38	-	29.11	0.00	3469.27
MW - 4	07/02/13	3498.38	-	29.15	0.00	3469.23
MW - 4	07/08/13	3498.38	-	29.23	0.00	3469.15
MW - 4	07/15/13	3498.38	-	29.17	0.00	3469.21
MW - 4	07/23/13	3498.38	-	29.09	0.00	3469.29
MW - 4	07/29/13	3498.38	-	28.99	0.00	3469.39
MW - 4	08/07/13	3498.38	-	29.12	0.00	3469.26
MW - 4	08/15/13	3498.38	-	29.43	0.00	3468.95
MW - 4	08/20/13	3498.38	-	29.48	0.00	3468.90
MW - 4	08/28/13	3498.38	-	29.46	0.00	3468.92
MW - 4	09/05/13	3498.38	-	29.67	0.00	3468.71
MW - 4	09/09/13	3498.38	-	29.50	0.00	3468.88
MW - 4	09/18/13	3498.38	-	29.61	0.00	3468.77
MW - 4	09/28/13	3498.38	-	29.55	0.00	3468.83
MW - 4	10/01/13	3498.38	-	29.73	0.00	3468.65
MW - 4	10/08/13	3498.38	-	29.41	0.00	3468.97
MW - 4	10/14/13	3498.38	-	29.47	0.00	3468.91
MW - 4	10/23/13	3498.38	-	29.05	0.00	3469.33
MW - 4	10/29/13	3498.38	-	29.06	0.00	3469.32
MW - 4	11/16/13	3498.38	-	29.29	0.00	3469.09
MW - 4	11/27/13	3498.38	-	29.36	0.00	3469.02
MW - 4	12/02/13	3498.38	-	29.21	0.00	3469.17
MW - 4	12/14/13	3498.38	-	29.55	0.00	3468.83
MW - 4	12/19/13	3498.38	-	29.23	0.00	3469.15
MW - 4	12/24/13	3498.38	-	29.12	0.00	3469.26
MW - 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

TABLE 1
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	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
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

TABLE 1

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	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
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

TABLE 1
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	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
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

TABLE 1

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	03/28/06	3500.12	25.52	25.75	0.23	3474.57
MW - 5	04/03/06	3500.12	25.44	25.77	0.33	3474.63
MW - 5	04/10/06	3500.12	25.25	25.42	0.17	3474.84
MW - 5	04/17/06	3500.12	25.21	25.45	0.24	3474.87
MW - 5	05/01/06	3500.12	25.30	25.40	0.10	3474.81
MW - 5	05/08/06	3500.12	25.28	25.40	0.12	3474.82
MW - 5	05/15/06	3500.12	25.49	25.72	0.23	3474.60
MW - 5	06/01/06	3500.12	25.62	25.85	0.23	3474.47
MW - 5	06/05/06	3500.12	25.58	25.76	0.18	3474.51
MW - 5	06/08/06	3500.12	25.73	25.91	0.18	3474.36
MW - 5	06/12/06	3500.12	25.80	25.98	0.18	3474.29
MW - 5	06/19/06	3500.12	25.88	26.02	0.14	3474.22
MW - 5	07/03/06	3500.12	26.04	26.18	0.14	3474.06
MW - 5	07/10/06	3500.12	25.96	26.07	0.11	3474.14
MW - 5	07/17/06	3500.12	25.73	25.85	0.12	3474.37
MW - 5	07/26/06	3500.12	25.95	26.15	0.20	3474.14
MW - 5	07/31/06	3500.12	26.02	26.19	0.17	3474.07
MW - 5	08/07/06	3500.12	25.03	25.09	0.06	3475.08
MW - 5	08/17/06	3500.12	25.88	26.01	0.13	3474.22
MW - 5	08/21/06	3500.12	25.76	25.85	0.09	3474.35
MW - 5	09/06/06	3500.12	25.28	25.42	0.14	3474.82
MW - 5	09/11/06	3500.12	25.33	25.54	0.21	3474.76
MW - 5	09/15/06	3500.12	25.29	25.43	0.14	3474.81
MW - 5	10/02/06	3500.12	25.34	25.48	0.14	3474.76
MW - 5	10/09/06	3500.12	25.55	25.81	0.26	3474.53
MW - 5	10/17/06	3500.12	25.33	25.71	0.38	3474.73
MW - 5	10/23/06	3500.12	25.38	25.49	0.11	3474.72
MW - 5	10/30/06	3500.12	25.36	25.47	0.11	3474.74
MW - 5	11/06/06	3500.12	25.38	25.54	0.16	3474.72
MW - 5	11/13/06	3500.12	25.28	25.36	0.08	3474.83
MW - 5	11/20/06	3500.12	25.39	25.56	0.17	3474.70
MW - 5	11/27/06	3500.12	25.33	25.39	0.06	3474.78
MW - 5	11/29/06	3500.12	25.33	25.39	0.06	3474.78
MW - 5	12/04/06	3500.12	25.35	25.47	0.12	3474.75
MW - 5	12/12/06	3500.12	25.33	25.58	0.25	3474.75
MW - 5	12/18/06	3500.12	25.35	25.58	0.23	3474.74
MW - 5	01/04/07	3500.12	25.10	25.40	0.30	3474.98
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
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
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

TABLE 1

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	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
MW - 5	11/23/09	3500.12	-	27.09	0.00	3473.03
MW - 5	12/03/09	3500.12	sheen	27.21	0.00	3472.91
MW - 5	12/16/09	3500.12	sheen	27.11	0.00	3473.01
MW - 5	12/21/09	3500.12	sheen	27.05	0.00	3473.07
MW - 5	12/28/09	3500.12	sheen	29.87	0.00	3470.25
MW - 5	01/05/10	3500.12	sheen	27.13	0.00	3472.99
MW - 5	01/20/10	3500.12	sheen	29.86	0.00	3470.26
MW - 5	01/25/10	3500.12	sheen	29.84	0.00	3470.28
MW - 5	01/27/10	3500.12	sheen	27.10	0.00	3473.02
MW - 5	02/10/10	3500.12	sheen	27.10	0.00	3473.02
MW - 5	03/01/10	3500.12	sheen	29.81	0.00	3470.31
MW - 5	03/09/10	3500.12	sheen	27.13	0.00	3472.99
MW - 5	03/11/10	3500.12	sheen	27.09	0.00	3473.03
MW - 5	05/25/10	3500.12	WELL DRY, NO H2O			
MW - 5	06/07/10	3500.12	6/7/10 - 6/12/10 DRY @ 26.15			
MW - 5	06/25/10	3500.12	WELL DRY, NO H2O			
MW - 5	07/07/10	3500.12	WELL DRY NO H2O			
MW - 5	07/12/10	3500.12	WELL DRY NO H2O			
MW - 5	07/26/10	3500.12	WELL DRY NO H2O			
MW - 5	08/03/10	3500.12	WELL DRY NO H2O			

TABLE 1

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	08/13/10	3500.12	WELL DRY NO H2O			
MW - 5	08/19/10	3500.12	WELL DRY NO H2O			
MW - 5	08/25/10	3500.12	WELL DRY NO H2O			
MW - 5	09/01/10	3500.12	WELL DRY NO H2O			
MW - 5	09/09/10	3500.12	WELL DRY NO H2O			
MW - 5	09/13/10	3500.12	WELL DRY NO H2O			
MW - 5	09/29/10	3500.12	WELL DRY NO H2O			
MW - 5	10/05/10	3500.12	WELL DRY NO H2O			
MW - 5	10/25/10	3500.12	WELL DRY NO H2O			
MW - 5	11/03/10	3500.12	WELL DRY NO H2O			
MW - 5	11/10/10	3500.12	sheen	25.77	0.00	3474.35
MW - 5	11/18/10	3500.12	sheen	25.77	0.00	3474.35
MW - 5	12/09/10	3500.12	sheen	26.70	0.00	3473.42
MW - 5	01/18/11	3500.12	sheen	25.77	0.00	3474.35
MW - 5	02/22/11	3500.12	sheen	25.77	0.00	3474.35
MW - 5	03/01/11	3500.12	sheen	26.90	0.00	3473.22
MW - 5	03/07/11	3500.12	sheen	26.76	0.00	3473.36
MW - 5	03/22/11	3500.12		25.77	0.00	3474.35
MW - 5	04/27/11	3500.12	27.13	27.15	0.02	3472.99
MW - 5	05/17/11	3500.12	sheen	25.78	0.00	3474.34
MW - 5	07/06/11	3500.12	27.85	28.18	0.33	3472.22
MW - 5	07/14/11	3500.12	27.85	28.22	0.37	3472.21
MW - 5	07/27/11	3500.12	sheen	28.02	0.00	3472.10
MW - 5	08/03/11	3500.12	-	28.20	0.00	3471.92
MW - 5	08/11/11	3500.12	sheen	28.36	0.00	3471.76
MW - 5	08/18/11	3500.12	sheen	28.28	0.00	3471.84
MW - 5	08/25/11	3500.12	-	28.34	0.00	3471.78
MW - 5	09/02/11	3500.12	-	28.40	0.00	3471.72
MW - 5	09/09/11	3500.12	-	28.39	0.00	3471.73
MW - 5	11/08/11	3500.12	-	28.40	0.00	3471.72
MW - 5	12/28/11	3500.12	-	28.45	0.00	3471.67
MW - 5	01/05/12	3500.12	-	28.42	0.00	3471.70
MW - 5	01/18/12	3500.12	-	28.17	0.00	3471.95
MW - 5	03/01/12	3500.12	-	28.13	0.00	3471.99
MW - 5	05/23/12	3500.12	-	28.19	0.00	3471.93
MW - 5	08/09/12	3500.12	-	28.72	0.00	3471.40
MW - 5	11/19/12	3500.12	-	28.68	0.00	3471.44
MW - 5	02/12/13	3500.12	-	28.53	0.00	3471.59
MW - 5	03/19/13	3500.12	-	28.47	0.00	3471.65
MW - 5	05/01/13	3500.12	-	29.10	0.00	3471.02
MW - 5	05/08/13	3500.12	-	28.46	0.00	3471.66
MW - 5	05/15/13	3500.12	-	28.45	0.00	3471.67
MW - 5	05/17/13	3500.12	-	28.49	0.00	3471.63
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

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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	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 - 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

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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 - 6	07/01/04	3499.82	sheen	26.90	0.00	3472.92
MW - 6	07/08/04	3499.82	-	26.89	0.00	3472.93
MW - 6	07/13/04	3499.82	-	26.94	0.00	3472.88
MW - 6	07/20/04	3499.82	27.03	27.49	0.46	3472.72
MW - 6	08/04/04	3499.82	27.05	27.50	0.45	3472.70
MW - 6	08/10/04	3499.82	27.03	27.49	0.46	3472.72
MW - 6	08/17/04	3499.82	26.38	26.69	0.31	3473.39
MW - 6	08/23/04	3499.82	27.14	27.43	0.29	3472.64
MW - 6	08/25/04	3499.82	22.18	27.51	5.33	3476.84
MW - 6	08/31/04	3499.82	27.27	27.63	0.36	3472.50
MW - 6	09/13/04	3499.82	26.48	26.55	0.07	3473.33
MW - 6	09/20/04	3499.82	27.57	27.65	0.08	3472.24
MW - 6	09/30/04	3499.82	27.67	27.81	0.14	3472.13
MW - 6	10/04/04	3499.82	sheen	26.31	0.00	3473.51
MW - 6	10/11/04	3499.82	26.05	26.16	0.11	3473.75
MW - 6	10/18/04	3499.82	25.80	25.88	0.08	3474.01
MW - 6	10/27/04	3499.82	sheen	25.97	0.00	3473.85
MW - 6	11/02/04	3499.82	25.88	26.10	0.22	3473.91
MW - 6	11/08/04	3499.82	sheen	26.95	0.00	3472.87
MW - 6	11/23/04	3499.82	sheen	25.75	0.00	3474.07
MW - 6	12/01/04	3499.82	sheen	25.50	0.00	3474.32
MW - 6	12/02/04	3499.82	sheen	25.50	0.00	3474.32
MW - 6	12/08/04	3499.82	sheen	25.40	0.00	3474.42
MW - 6	12/14/04	3499.82	sheen	25.38	0.00	3474.44
MW - 6	12/21/04	3499.82	sheen	25.40	0.00	3474.42
MW - 6	12/29/04	3499.82	sheen	25.34	0.00	3474.48
MW - 6	01/11/05	3499.82	sheen	25.23	0.00	3474.59
MW - 6	01/14/05	3499.82	sheen	25.41	0.00	3474.41
MW - 6	01/18/05	3499.82	sheen	25.27	0.00	3474.55
MW - 6	01/21/05	3499.82	sheen	25.20	0.00	3474.62
MW - 6	01/25/05	3499.82	sheen	25.26	0.00	3474.56
MW - 6	01/28/05	3499.82	sheen	25.23	0.00	3474.59
MW - 6	02/02/05	3499.82	sheen	24.29	0.00	3475.53
MW - 6	02/05/05	3499.82	sheen	25.21	0.00	3474.61
MW - 6	02/08/05	3499.82	sheen	25.23	0.00	3474.59
MW - 6	02/11/05	3499.82	sheen	25.17	0.00	3474.65
MW - 6	02/15/05	3499.82	sheen	25.33	0.00	3474.49
MW - 6	02/18/05	3499.82	sheen	25.33	0.00	3474.49
MW - 6	02/22/05	3499.82	sheen	25.21	0.00	3474.61
MW - 6	02/25/05	3499.82	sheen	25.34	0.00	3474.48
MW - 6	03/01/05	3499.82	sheen	25.25	0.00	3474.57
MW - 6	03/04/05	3499.82	sheen	25.30	0.00	3474.52
MW - 6	03/08/05	3499.82	sheen	25.15	0.00	3474.67
MW - 6	03/10/05	3499.82	sheen	25.15	0.00	3474.67
MW - 6	03/11/05	3499.82	sheen	25.81	0.00	3474.01
MW - 6	03/15/05	3499.82	sheen	25.78	0.00	3474.04
MW - 6	03/19/05	3499.82	sheen	25.76	0.00	3474.06
MW - 6	03/22/05	3499.82	sheen	25.25	0.00	3474.57
MW - 6	03/28/05	3499.82	sheen	25.07	0.00	3474.75
MW - 6	04/01/05	3499.82	sheen	25.82	0.00	3474.00
MW - 6	04/05/05	3499.82	sheen	25.13	0.00	3474.69
MW - 6	04/08/05	3499.82	sheen	25.14	0.00	3474.68
MW - 6	04/12/05	3499.82	sheen	25.15	0.00	3474.67
MW - 6	04/15/05	3499.82	sheen	25.13	0.00	3474.69
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

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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	06/06/05	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
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

TABLE 1

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	07/03/06	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
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

TABLE 1

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	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
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

TABLE 1

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	03/11/10	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
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

TABLE 1

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	03/14/12	3499.82	-	27.09	0.00	3472.73
MW - 6	03/19/12	3499.82	-	27.02	0.00	3472.80
MW - 6	03/26/12	3499.82	-	27.03	0.00	3472.79
MW - 6	04/04/12	3499.82	-	27.09	0.00	3472.73
MW - 6	04/11/12	3499.82	-	27.02	0.00	3472.80
MW - 6	04/17/12	3499.82	-	27.05	0.00	3472.77
MW - 6	04/25/12	3499.82	-	26.99	0.00	3472.83
MW - 6	05/23/12	3499.82	-	27.08	0.00	3472.74
MW - 6	05/31/12	3499.82	-	27.19	0.00	3472.63
MW - 6	06/06/12	3499.82	-	27.19	0.00	3472.63
MW - 6	06/13/12	3499.82	-	27.28	0.00	3472.54
MW - 6	06/20/12	3499.82	-	27.22	0.00	3472.60
MW - 6	07/11/12	3499.82	-	27.25	0.00	3472.57
MW - 6	07/18/12	3499.82	-	27.32	0.00	3472.50
MW - 6	08/02/12	3499.82	-	27.58	0.00	3472.24
MW - 6	08/09/12	3499.82	-	27.68	0.00	3472.14
MW - 6	08/16/12	3499.82	-	27.79	0.00	3472.03
MW - 6	10/02/12	3499.82	-	27.91	0.00	3471.91
MW - 6	10/10/12	3499.82	-	27.88	0.00	3471.94
MW - 6	10/17/12	3499.82	-	27.73	0.00	3472.09
MW - 6	10/26/12	3499.82	-	27.83	0.00	3471.99
MW - 6	11/01/12	3499.82	-	27.70	0.00	3472.12
MW - 6	11/19/12	3499.82	-	27.64	0.00	3472.18
MW - 6	12/13/12	3499.82	-	27.59	0.00	3472.23
MW - 6	12/18/12	3499.82	-	27.55	0.00	3472.27
MW - 6	01/08/13	3499.82	-	27.55	0.00	3472.27
MW - 6	01/16/13	3499.82	-	27.59	0.00	3472.23
MW - 6	01/24/13	3499.82	-	27.57	0.00	3472.25
MW - 6	01/30/13	3499.82	-	27.57	0.00	3472.25
MW - 6	02/12/13	3499.82	-	27.50	0.00	3472.32
MW - 6	03/19/13	3499.82	-	27.43	0.00	3472.39
MW - 6	04/02/13	3499.82	-	27.47	0.00	3472.35
MW - 6	04/08/13	3499.82	-	27.39	0.00	3472.43
MW - 6	04/16/13	3499.82	-	27.47	0.00	3472.35
MW - 6	04/23/13	3499.82	-	27.52	0.00	3472.30
MW - 6	05/01/13	3499.82	-	27.46	0.00	3472.36
MW - 6	05/08/13	3499.82	-	27.44	0.00	3472.38
MW - 6	05/15/13	3499.82	-	27.38	0.00	3472.44
MW - 6	05/17/13	3499.82	-	27.44	0.00	3472.38
MW - 6	05/23/13	3499.82	-	27.49	0.00	3472.33
MW - 6	05/29/13	3499.82	-	27.45	0.00	3472.37
MW - 6	06/12/13	3499.82	-	26.76	0.00	3473.06
MW - 6	06/19/13	3499.82	-	27.87	0.00	3471.95
MW - 6	06/27/13	3499.82	-	28.02	0.00	3471.80
MW - 6	07/02/13	3499.82	-	28.09	0.00	3471.73
MW - 6	07/08/13	3499.82	-	28.15	0.00	3471.67
MW - 6	07/15/13	3499.82	-	28.23	0.00	3471.59
MW - 6	07/23/13	3499.82	-	28.13	0.00	3471.69
MW - 6	07/29/13	3499.82	-	28.07	0.00	3471.75
MW - 6	08/07/13	3499.82	-	28.13	0.00	3471.69
MW - 6	08/15/13	3499.82	-	28.14	0.00	3471.68
MW - 6	08/20/13	3499.82	-	28.34	0.00	3471.48
MW - 6	08/28/13	3499.82	-	28.34	0.00	3471.48
MW - 6	09/05/13	3499.82	-	28.47	0.00	3471.35
MW - 6	09/09/13	3499.82	-	28.39	0.00	3471.43
MW - 6	09/18/13	3499.82	-	28.46	0.00	3471.36

TABLE 1

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	09/28/13	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 - 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
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

TABLE 1

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	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
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

TABLE 1

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	03/01/05	3498.33	24.13	24.74	0.61	3474.11
MW - 7	03/04/05	3498.33	24.22	25.05	0.83	3473.99
MW - 7	03/08/05	3498.33	24.08	24.89	0.81	3474.13
MW - 7	03/10/05	3498.33	24.08	24.89	0.81	3474.13
MW - 7	03/11/05	3498.33	24.12	24.90	0.78	3474.09
MW - 7	03/15/05	3498.33	24.18	24.83	0.65	3474.05
MW - 7	03/19/05	3498.33	24.17	24.83	0.66	3474.06
MW - 7	03/22/05	3498.33	24.05	24.90	0.85	3474.15
MW - 7	03/28/05	3498.33	23.90	24.44	0.54	3474.35
MW - 7	04/01/05	3498.33	24.10	24.59	0.49	3474.16
MW - 7	04/05/05	3498.33	23.92	24.70	0.78	3474.29
MW - 7	04/08/05	3498.33	23.95	24.69	0.74	3474.27
MW - 7	04/12/05	3498.33	23.94	24.80	0.86	3474.26
MW - 7	04/15/05	3498.33	23.97	24.65	0.68	3474.26
MW - 7	05/25/05	3498.33	24.16	24.53	0.37	3474.11
MW - 7	06/03/05	3498.33	23.53	24.31	0.78	3474.68
MW - 7	06/06/05	3498.33	23.59	24.30	0.71	3474.63
MW - 7	06/10/05	3498.33	23.55	24.30	0.75	3474.67
MW - 7	06/13/05	3498.33	23.70	25.08	1.38	3474.42
MW - 7	06/20/05	3498.33	23.80	24.37	0.57	3474.44
MW - 7	06/24/05	3498.33	23.74	24.27	0.53	3474.51
MW - 7	06/27/05	3498.33	23.79	24.08	0.29	3474.50
MW - 7	07/18/05	3498.33	24.01	24.49	0.48	3474.25
MW - 7	07/25/05	3498.33	23.98	24.42	0.44	3474.28
MW - 7	08/01/05	3498.33	24.15	24.76	0.61	3474.09
MW - 7	08/04/05	3498.33	24.19	24.77	0.58	3474.05
MW - 7	08/10/05	3498.33	24.20	24.53	0.33	3474.08
MW - 7	08/16/05	3498.33	24.30	24.72	0.42	3473.97
MW - 7	08/23/05	3498.33	23.70	24.00	0.30	3474.59
MW - 7	08/29/05	3498.33	23.75	24.03	0.28	3474.54
MW - 7	09/06/05	3498.33	23.86	24.08	0.22	3474.44
MW - 7	09/09/05	3498.33	23.70	24.11	0.41	3474.57
MW - 7	09/12/05	3498.33	23.84	24.12	0.28	3474.45
MW - 7	09/19/05	3498.33	24.05	24.80	0.75	3474.17
MW - 7	09/27/05	3498.33	24.12	24.70	0.58	3474.12
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

TABLE 1

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	02/21/06	3498.33	23.88	24.29	0.41	3474.39
MW - 7	02/27/06	3498.33	23.80	24.02	0.22	3474.50
MW - 7	03/06/06	3498.33	23.84	24.05	0.21	3474.46
MW - 7	03/09/06	3498.33	23.69	23.85	0.16	3474.62
MW - 7	03/17/06	3498.33	24.10	24.24	0.14	3474.21
MW - 7	03/21/06	3498.33	24.03	24.26	0.23	3474.27
MW - 7	03/28/06	3498.33	24.08	24.24	0.16	3474.23
MW - 7	04/03/06	3498.33	23.98	24.09	0.11	3474.33
MW - 7	04/10/06	3498.33	23.73	23.81	0.08	3474.59
MW - 7	04/17/06	3498.33	23.70	23.82	0.12	3474.61
MW - 7	05/01/06	3498.33	23.78	24.04	0.26	3474.51
MW - 7	05/08/06	3498.33	23.73	23.98	0.25	3474.56
MW - 7	05/15/06	3498.33	23.99	24.76	0.77	3474.22
MW - 7	06/01/06	3498.33	24.13	24.27	0.14	3474.18
MW - 7	06/05/06	3498.33	24.03	24.15	0.12	3474.28
MW - 7	06/08/06	3498.33	24.21	24.30	0.09	3474.11
MW - 7	06/12/06	3498.33	24.31	24.40	0.09	3474.01
MW - 7	07/03/06	3498.33	24.46	26.69	2.23	3473.54
MW - 7	07/10/06	3498.33	24.43	24.53	0.10	3473.89
MW - 7	07/17/06	3498.33	24.04	24.22	0.18	3474.26
MW - 7	07/26/06	3498.33	24.29	24.39	0.10	3474.03
MW - 7	07/31/06	3498.33	24.37	24.49	0.12	3473.94
MW - 7	08/07/06	3498.33	25.37	25.52	0.15	3472.94
MW - 7	08/17/06	3498.33	24.29	24.49	0.20	3474.01
MW - 7	08/21/06	3498.33	24.02	24.30	0.28	3474.27
MW - 7	09/06/06	3498.33	23.16	23.38	0.22	3475.14
MW - 7	09/11/06	3498.33	23.32	23.56	0.24	3474.97
MW - 7	09/15/06	3498.33	23.36	23.64	0.28	3474.93
MW - 7	10/02/06	3498.33	23.39	23.66	0.27	3474.90
MW - 7	10/09/06	3498.33	23.73	24.75	1.02	3474.45
MW - 7	10/17/06	3498.33	23.71	24.00	0.29	3474.58
MW - 7	10/23/06	3498.33	23.83	24.20	0.37	3474.44
MW - 7	10/30/06	3498.33	23.80	24.16	0.36	3474.48
MW - 7	11/06/06	3498.33	23.82	23.83	0.01	3474.51
MW - 7	11/13/06	3498.33	23.80	23.91	0.11	3474.51
MW - 7	11/20/06	3498.33	23.92	24.12	0.20	3474.38
MW - 7	11/27/06	3498.33	23.73	23.84	0.11	3474.58
MW - 7	11/29/06	3498.33	23.74	23.85	0.11	3474.57
MW - 7	12/04/06	3498.33	23.91	24.23	0.32	3474.37
MW - 7	12/12/06	3498.33	23.83	23.92	0.09	3474.49
MW - 7	12/18/06	3498.33	23.83	23.94	0.11	3474.48
MW - 7	01/04/07	3498.33	23.58	23.75	0.17	3474.72
MW - 7	01/11/07	3498.33	23.65	23.77	0.12	3474.66
MW - 7	01/18/07	3498.33	23.82	23.94	0.12	3474.49
MW - 7	01/22/07	3498.33	23.82	23.92	0.10	3474.50
MW - 7	01/31/07	3498.33	23.63	23.74	0.11	3474.68
MW - 7	02/07/07	3498.33	23.74	23.88	0.14	3474.57
MW - 7	02/14/07	3498.33	23.79	23.99	0.20	3474.51
MW - 7	02/26/07	3498.33	23.74	23.99	0.25	3474.55
MW - 7	03/07/07	3498.33	23.88	24.33	0.45	3474.38
MW - 7	04/03/07	3498.33	23.56	23.76	0.20	3474.74
MW - 7	04/09/07	3498.33	23.33	23.63	0.30	3474.96
MW - 7	04/17/07	3498.33	23.43	23.75	0.32	3474.85
MW - 7	05/01/07	3498.33	23.47	23.53	0.06	3474.85
MW - 7	05/07/07	3498.33	23.46	23.51	0.05	3474.86
MW - 7	05/17/07	3498.33	22.98	23.12	0.14	3475.33

TABLE 1

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	05/21/07	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
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

TABLE 1

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	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
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

TABLE 1

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	06/07/10	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
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

TABLE 1

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	04/11/12	3498.33	27.73	28.39	0.66	3470.50
MW - 7	04/17/12	3498.33	27.81	28.44	0.63	3470.43
MW - 7	04/25/12	3498.33	28.31	28.71	0.40	3469.96
MW - 7	05/23/12	3498.33	26.63	28.83	2.20	3471.37
MW - 7	06/06/12	3498.33	27.82	28.87	1.05	3470.35
MW - 7	06/13/12	3498.33	27.97	28.68	0.71	3470.25
MW - 7	06/20/12	3498.33	27.91	28.60	0.69	3470.32
MW - 7	07/11/12	3498.33	27.93	28.59	0.66	3470.30
MW - 7	07/18/12	3498.33	28.00	28.67	0.67	3470.23
MW - 7	08/02/12	3498.33	28.14	29.47	1.33	3469.99
MW - 7	08/09/12	3498.33	28.27	29.47	1.20	3469.88
MW - 7	08/16/12	3498.33	28.34	29.60	1.26	3469.80
MW - 7	10/02/12	3498.33	28.48	29.93	1.45	3469.63
MW - 7	10/10/12	3498.33	28.49	29.82	1.33	3469.64
MW - 7	10/17/12	3498.33	28.26	29.76	1.50	3469.85
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		28.24	29.52	1.28	
MW - 7	01/24/13	3498.33	28.21	29.49	1.28	3469.93
MW - 7	01/30/13	3498.33	28.22	29.56	1.34	3469.91
MW - 7	02/12/13	3498.33	28.15	29.61	1.46	3469.96
MW - 7	03/19/13	3498.33	28.03	29.77	1.74	3470.04
MW - 7	04/02/13	3498.33	28.08	29.69	1.61	3470.01
MW - 7	04/08/13	3498.33	27.91	29.54	1.63	3470.18
MW - 7	04/16/13	3498.33	28.10	29.54	1.44	3470.01
MW - 7	04/23/13	3498.33	28.18	29.61	1.43	3469.94
MW - 7	05/01/13	3498.33	28.12	29.78	1.66	3469.96
MW - 7	05/08/13	3498.33	28.08	29.46	1.38	3470.04
MW - 7	05/15/13	3498.33	27.99	29.37	1.38	3470.13
MW - 7	05/17/13	3498.33	28.10	29.50	1.40	3470.02
MW - 7	05/23/13	3498.33	28.18	29.39	1.21	3469.97
MW - 7	05/29/13	3498.33	28.09	29.28	1.19	3470.06
MW - 7	06/12/13	3498.33	28.43	29.36	0.93	3469.76
MW - 7	06/19/13	3498.33	28.48	29.37	0.89	3469.72
MW - 7	06/27/13	3498.33	28.68	29.48	0.80	3469.53
MW - 7	07/02/13	3498.33	28.76	29.53	0.77	3469.45
MW - 7	07/08/13	3498.33	28.82	29.47	0.65	3469.41
MW - 7	07/15/13	3498.33	28.88	29.47	0.59	3469.36
MW - 7	07/23/13	3498.33	28.73	29.47	0.74	3469.49
MW - 7	07/29/13	3498.33	28.72	29.35	0.63	3469.52
MW - 7	08/07/13	3498.33	28.54	28.77	0.23	3469.76
MW - 7	08/15/13	3498.33	28.51	28.73	0.22	3469.79
MW - 7	08/20/13	3498.33	28.65	28.73	0.08	3469.67
MW - 7	08/28/13	3498.33	28.95	29.70	0.75	3469.27
MW - 7	09/05/13	3498.33	29.02	29.76	0.74	3469.20
MW - 7	09/09/13	3498.33	28.93	29.69	0.76	3469.29
MW - 7	09/18/13	3498.33	29.02	29.78	0.76	3469.20
MW - 7	09/28/13	3498.33	29.06	29.90	0.84	3469.14
MW - 7	10/01/13	3498.33	29.05	29.85	0.80	3469.16
MW - 7	10/08/13	3498.33	29.05	29.87	0.82	3469.16
MW - 7	10/14/13	3498.33	29.06	29.85	0.79	3469.15
MW - 7	10/23/13	3498.33	28.97	29.80	0.83	3469.24

TABLE 1

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	10/29/13	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 - 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
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

TABLE 1

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	06/07/02	3502.24	-	30.65	0.00	3471.59
MW - 9	09/27/02	3502.24	-	30.81	0.00	3471.43
MW - 9	12/04/02	3502.24	-	30.52	0.00	3471.72
MW - 9	02/25/03	3502.24	-	30.39	0.00	3471.85
MW - 9	05/22/03	3502.24	-	30.52	0.00	3471.72
MW - 9	08/26/03	3502.24	-	31.63	0.00	3470.61
MW - 9	11/25/03	3502.24	-	31.79	0.00	3470.45
MW - 9	02/10/04	3502.24	-	31.77	0.00	3470.47
MW - 9	05/10/04	3502.24	-	29.26	0.00	3472.98
MW - 9	08/25/04	3502.24	-	29.71	0.00	3472.53
MW - 9	12/01/04	3502.24	-	28.13	0.00	3474.11
MW - 9	03/10/05	3502.24	-	27.63	0.00	3474.61
MW - 9	06/10/05	3502.24	-	27.20	0.00	3475.04
MW - 9	09/09/05	3502.24	-	27.57	0.00	3474.67
MW - 9	12/05/05	3502.24	-	27.36	0.00	3474.88
MW - 9	03/09/06	3502.24	-	27.25	0.00	3474.99
MW - 9	06/08/06	3502.24	-	27.62	0.00	3474.62
MW - 9	09/15/06	3502.24	-	27.45	0.00	3474.79
MW - 9	11/29/06	3502.24	-	27.45	0.00	3474.79
MW - 9	02/26/07	3502.24	-	27.14	0.00	3475.10
MW - 9	05/21/07	3502.24	-	26.83	0.00	3475.41
MW - 9	08/16/07	3502.24	-	27.42	0.00	3474.82
MW - 9	11/07/07	3502.24	-	27.16	0.00	3475.08
MW - 9	02/12/08	3502.24	-	27.16	0.00	3475.08
MW - 9	05/15/08	3502.24	-	27.31	0.00	3474.93
MW - 9	08/18/08	3502.24	-	28.24	0.00	3474.00
MW - 9	11/13/08	3502.24	-	27.75	0.00	3474.49
MW - 9	02/11/09	3502.24	-	27.77	0.00	3474.47
MW - 9	05/13/09	3502.24	-	27.81	0.00	3474.43
MW - 9	08/11/09	3502.24	-	28.74	0.00	3473.50
MW - 9	11/23/09	3502.24	-	28.94	0.00	3473.30
MW - 9	01/05/09	3502.24	-	28.91	0.00	3473.33
MW - 9	02/10/10	3502.24	-	28.94	0.00	3473.30
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 - 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

TABLE 1

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	02/26/03	3499.42	29.15	29.18	0.03	3470.27
MW - 10	03/06/03	3499.42	29.11	29.23	0.12	3470.29
MW - 10	03/11/03	3499.42	28.90	29.02	0.12	3470.50
MW - 10	03/20/03	3499.42	28.94	29.15	0.21	3470.45
MW - 10	04/02/03	3499.42	28.60	28.87	0.27	3470.78
MW - 10	04/16/03	3499.42	28.85	28.88	0.03	3470.57
MW - 10	04/23/03	3499.42	28.60	28.66	0.06	3470.81
MW - 10	04/29/03	3499.42	28.59	28.62	0.03	3470.83
MW - 10	05/15/03	3499.42	28.70	28.86	0.16	3470.70
MW - 10	05/22/03	3499.42	28.78	28.84	0.06	3470.63
MW - 10	05/28/03	3499.42	28.79	29.14	0.35	3470.58
MW - 10	06/04/03	3499.42	28.86	29.92	1.06	3470.40
MW - 10	06/10/03	3499.42	29.20	29.21	0.01	3470.22
MW - 10	06/26/03	3499.42	28.96	29.03	0.07	3470.45
MW - 10	07/07/03	3499.42	28.44	28.56	0.12	3470.96
MW - 10	07/30/03	3499.42	28.42	28.57	0.15	3470.98
MW - 10	08/05/03	3499.42	29.80	29.91	0.11	3469.60
MW - 10	08/21/03	3499.42	29.97	30.18	0.21	3469.42
MW - 10	08/26/03	3499.42	30.04	30.22	0.18	3469.35
MW - 10	09/08/03	3499.42	sheen	30.24	0.00	3469.18
MW - 10	09/15/03	3499.42	sheen	30.26	0.00	3469.16
MW - 10	09/24/03	3499.42	sheen	30.30	0.00	3469.12
MW - 10	10/02/03	3499.42	sheen	30.14	0.00	3469.28
MW - 10	10/08/03	3499.42	sheen	30.00	0.00	3469.42
MW - 10	10/16/03	3499.42	sheen	31.31	0.00	3468.11
MW - 10	10/28/03	3499.42	sheen	30.33	0.00	3469.09
MW - 10	11/11/03	3499.42	sheen	30.45	0.00	3468.97
MW - 10	11/18/03	3499.42	sheen	30.25	0.00	3469.17
MW - 10	11/25/03	3499.42	sheen	29.96	0.00	3469.46
MW - 10	12/08/03	3499.42	sheen	30.04	0.00	3469.38
MW - 10	01/27/04	3499.42	-	30.71	0.00	3468.71
MW - 10	02/02/04	3499.42	-	30.72	0.00	3468.70
MW - 10	02/10/04	3499.42	-	30.05	0.00	3469.37
MW - 10	02/20/04	3499.42	-	30.21	0.00	3469.21
MW - 10	03/04/04	3499.42	-	30.03	0.00	3469.39
MW - 10	03/16/04	3499.42	-	30.33	0.00	3469.09
MW - 10	03/25/04	3499.42	-	30.37	0.00	3469.05
MW - 10	03/31/04	3499.42	-	30.35	0.00	3469.07
MW - 10	04/01/04	3499.42	-	30.52	0.00	3468.90
MW - 10	04/08/04	3499.42	-	29.64	0.00	3469.78
MW - 10	04/14/04	3499.42	-	28.90	0.00	3470.52
MW - 10	04/16/04	3499.42	-	28.98	0.00	3470.44
MW - 10	04/22/04	3499.42	28.07	28.08	0.01	3471.35
MW - 10	04/29/04	3499.42	-	27.84	0.00	3471.58
MW - 10	05/05/04	3499.42	sheen	28.16	0.00	3471.26
MW - 10	05/10/04	3499.42	-	27.77	0.00	3471.65
MW - 10	06/08/04	3499.42	27.66	28.10	0.44	3471.69
MW - 10	06/17/04	3499.42	27.76	28.50	0.74	3471.55
MW - 10	06/22/04	3499.42	27.80	28.42	0.62	3471.53
MW - 10	06/25/04	3499.42	27.77	28.33	0.56	3471.57
MW - 10	06/29/04	3499.42	27.75	28.38	0.63	3471.58
MW - 10	07/01/04	3499.42	27.77	28.30	0.53	3471.57
MW - 10	07/08/04	3499.42	27.73	28.37	0.64	3471.59
MW - 10	07/13/04	3499.42	27.81	28.24	0.43	3471.55
MW - 10	12/02/04	3499.42	26.35	28.50	2.15	3472.75
MW - 10	12/08/04	3499.42	26.21	28.31	2.10	3472.90

TABLE 1

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	12/14/04	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
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

TABLE 1

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	11/08/05	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
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

TABLE 1

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	08/06/07	3499.42	25.63	25.94	0.31	3473.74
MW - 10	08/13/07	3499.42	25.77	25.95	0.18	3473.62
MW - 10	08/16/07	3499.42	25.81	25.92	0.11	3473.59
MW - 10	08/27/07	3499.42	25.92	26.09	0.17	3473.47
MW - 10	09/07/07	3499.42	26.02	26.19	0.17	3473.37
MW - 10	09/13/07	3499.42	25.72	25.76	0.04	3473.69
MW - 10	09/18/07	3499.42	sheen	25.94	0.00	3473.48
MW - 10	09/22/07	3499.42	sheen	25.71	0.00	3473.71
MW - 10	09/24/07	3499.42	sheen	25.67	0.00	3473.75
MW - 10	10/01/07	3499.42	sheen	25.64	0.00	3473.78
MW - 10	10/08/07	3499.42	sheen	25.69	0.00	3473.73
MW - 10	10/15/07	3499.42	sheen	25.63	0.00	3473.79
MW - 10	11/05/07	3499.42	sheen	25.62	0.00	3473.80
MW - 10	11/07/07	3499.42	sheen	25.57	0.00	3473.85
MW - 10	11/12/07	3499.42	sheen	25.76	0.00	3473.66
MW - 10	11/19/07	3499.42	sheen	25.55	0.00	3473.87
MW - 10	11/28/07	3499.42	sheen	25.65	0.00	3473.77
MW - 10	12/03/07	3499.42	sheen	25.61	0.00	3473.81
MW - 10	12/12/07	3499.42	sheen	25.56	0.00	3473.86
MW - 10	01/09/08	3499.42	sheen	25.50	0.00	3473.92
MW - 10	01/16/08	3499.42	25.47	25.51	0.04	3473.94
MW - 10	01/23/08	3499.42	-	25.58	0.00	3473.84
MW - 10	02/08/08	3499.42	-	25.71	0.00	3473.71
MW - 10	02/12/08	3499.42	-	25.61	0.00	3473.81
MW - 10	03/05/08	3499.42	-	25.67	0.00	3473.75
MW - 10	04/02/08	3499.42	-	25.70	0.00	3473.72
MW - 10	04/14/08	3499.42	-	25.69	0.00	3473.73
MW - 10	05/14/08	3499.42	-	25.70	0.00	3473.72
MW - 10	06/09/08	3499.42	-	25.98	0.00	3473.44
MW - 10	06/23/08	3499.42	-	26.08	0.00	3473.34
MW - 10	07/22/08	3499.42	-	26.59	0.00	3472.83
MW - 10	08/04/08	3499.42	-	26.66	0.00	3472.76
MW - 10	08/18/08	3499.42	-	26.75	0.00	3472.67
MW - 10	09/02/08	3499.42	-	26.62	0.00	3472.80
MW - 10	09/17/08	3499.42	-	26.44	0.00	3472.98
MW - 10	09/29/08	3499.42	-	26.33	0.00	3473.09
MW - 10	10/06/08	3499.42	-	26.41	0.00	3473.01
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

TABLE 1

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	06/01/09	3499.42	-	26.59	0.00	3472.83
MW - 10	06/10/09	3499.42	-	26.37	0.00	3473.05
MW - 10	06/12/09	3499.42	-	26.73	0.00	3472.69
MW - 10	06/18/09	3499.42	-	26.35	0.00	3473.07
MW - 10	06/24/09	3499.42	-	26.88	0.00	3472.54
MW - 10	07/02/09	3499.42	-	26.85	0.00	3472.57
MW - 10	07/08/09	3499.42	-	26.38	0.00	3473.04
MW - 10	07/14/09	3499.42	-	27.02	0.00	3472.40
MW - 10	07/20/09	3499.42	-	27.03	0.00	3472.39
MW - 10	07/27/09	3499.42	-	27.04	0.00	3472.38
MW - 10	08/03/09	3499.42	-	26.96	0.00	3472.46
MW - 10	08/10/09	3499.42	-	27.10	0.00	3472.32
MW - 10	08/11/09	3499.42	-	27.10	0.00	3472.32
MW - 10	08/18/09	3499.42	-	27.16	0.00	3472.26
MW - 10	08/24/09	3499.42	-	27.21	0.00	3472.21
MW - 10	08/31/09	3499.42	-	27.30	0.00	3472.12
MW - 10	09/03/09	3499.42	-	27.23	0.00	3472.19
MW - 10	09/08/09	3499.42	-	27.33	0.00	3472.09
MW - 10	09/10/09	3499.42	-	27.40	0.00	3472.02
MW - 10	09/16/09	3499.42	-	27.32	0.00	3472.10
MW - 10	09/22/09	3499.42	-	27.45	0.00	3471.97
MW - 10	09/29/09	3499.42	-	27.05	0.00	3472.37
MW - 10	10/02/09	3499.42	-	27.23	0.00	3472.19
MW - 10	10/07/09	3499.42	-	27.32	0.00	3472.10
MW - 10	10/12/09	3499.42	-	26.38	0.00	3473.04
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

TABLE 1

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	09/09/10	3499.42	-	26.23	0.00	3473.19
MW - 10	09/13/10	3499.42	-	26.31	0.00	3473.11
MW - 10	09/29/10	3499.42	-	26.28	0.00	3473.14
MW - 10	10/05/10	3499.42	-	26.32	0.00	3473.10
MW - 10	10/25/10	3499.42	sheen	26.34	0.00	3473.08
MW - 10	11/03/10	3499.42	sheen	26.30	0.00	3473.12
MW - 10	11/10/10	3499.42	sheen	26.53	0.00	3472.89
MW - 10	11/18/10	3499.42	sheen	26.53	0.00	3472.89
MW - 10	12/09/10	3499.42	sheen	26.36	0.00	3473.06
MW - 10	01/18/11	3499.42	sheen	26.50	0.00	3472.92
MW - 10	02/22/11	3499.42	sheen	26.55	0.00	3472.87
MW - 10	03/01/11	3499.42	sheen	26.96	0.00	3472.46
MW - 10	03/07/11	3499.42	sheen	26.56	0.00	3472.86
MW - 10	03/22/11	3499.42	sheen	26.54	0.00	3472.88
MW - 10	04/27/11	3499.42	sheen	27.85	0.00	3471.57
MW - 10	05/05/11	3499.42	sheen	26.92	0.00	3472.50
MW - 10	05/10/11	3499.42	sheen	26.88	0.00	3472.54
MW - 10	05/17/11	3499.42	sheen	26.83	0.00	3472.59
MW - 10	05/17/11	3499.42	sheen	26.83	0.00	3472.59
MW - 10	05/24/11	3499.42	sheen	29.96	0.00	3469.46
MW - 10	06/07/11	3499.42	-	27.05	0.00	3472.37
MW - 10	06/14/11	3499.42	sheen	26.94	0.00	3472.48
MW - 10	06/23/11	3499.42	sheen	26.90	0.00	3472.52
MW - 10	06/28/11	3499.42	-	27.01	0.00	3472.41
MW - 10	07/06/11	3499.42	sheen	27.56	0.00	3471.86
MW - 10	07/14/11	3499.42	-	27.51	0.00	3471.91
MW - 10	07/27/11	3499.42	-	27.55	0.00	3471.87
MW - 10	08/03/11	3499.42	-	27.82	0.00	3471.60
MW - 10	08/11/11	3499.42	-	27.92	0.00	3471.50
MW - 10	08/18/11	3499.42	-	27.90	0.00	3471.52
MW - 10	08/25/11	3499.42	-	27.95	0.00	3471.47
MW - 10	09/02/11	3499.42	-	27.99	0.00	3471.43
MW - 10	09/09/11	3499.42	odor	28.04	0.00	3471.38
MW - 10	11/08/11	3499.42	-	28.13	0.00	3471.29
MW - 10	12/28/11	3499.42	-	27.94	0.00	3471.48
MW - 10	01/05/12	3499.42	-	27.96	0.00	3471.46
MW - 10	01/18/12	3499.42	-	27.87	0.00	3471.55
MW - 10	01/27/12	3499.42	-	27.96	0.00	3471.46
MW - 10	02/02/12	3499.42	-	27.88	0.00	3471.54
MW - 10	02/10/12	3499.42	-	28.02	0.00	3471.40
MW - 10	02/15/12	3499.42	-	27.96	0.00	3471.46
MW - 10	03/01/12	3499.42	-	27.75	0.00	3471.67
MW - 10	03/07/12	3499.42	-	27.75	0.00	3471.67
MW - 10	03/14/12	3499.42	-	27.75	0.00	3471.67
MW - 10	03/19/12	3499.42	-	27.67	0.00	3471.75
MW - 10	03/26/12	3499.42	-	27.68	0.00	3471.74
MW - 10	04/04/12	3499.42	-	27.77	0.00	3471.65
MW - 10	04/11/12	3499.42	-	27.74	0.00	3471.68
MW - 10	04/17/12	3499.42	-	27.81	0.00	3471.61
MW - 10	04/25/12	3499.42	-	27.68	0.00	3471.74
MW - 10	05/23/12	3499.42	-	27.73	0.00	3471.69
MW - 10	05/31/12	3499.42	-	27.85	0.00	3471.57
MW - 10	06/06/12	3499.42	-	27.75	0.00	3471.67
MW - 10	06/13/12	3499.42	-	27.91	0.00	3471.51
MW - 10	06/20/12	3499.42	-	27.89	0.00	3471.53
MW - 10	07/11/12	3499.42	-	27.98	0.00	3471.44

TABLE 1

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	07/18/12	3499.42	-	28.06	0.00	3471.36
MW - 10	08/02/12	3499.42	-	28.10	0.00	3471.32
MW - 10	08/09/12	3499.42	-	28.29	0.00	3471.13
MW - 10	08/16/12	3499.42	-	28.37	0.00	3471.05
MW - 10	10/02/12	3499.42	-	28.59	0.00	3470.83
MW - 10	10/10/12	3499.42	-	28.60	0.00	3470.82
MW - 10	10/17/12	3499.42	-	28.48	0.00	3470.94
MW - 10	10/26/12	3499.42	28.49	28.50	0.01	3470.93
MW - 10	11/01/12	3499.42	-	29.39	0.00	3470.03
MW - 10	11/19/12	3499.42	-	28.38	0.00	3471.04
MW - 10	12/13/12	3499.42	-	28.41	0.00	3471.01
MW - 10	12/18/12	3499.42	-	28.20	0.00	3471.22
MW - 10	01/08/13	3499.42	-	28.25	0.00	3471.17
MW - 10	01/16/13	3499.42	-	28.29	0.00	3471.13
MW - 10	01/24/13	3499.42	-	28.29	0.00	3471.13
MW - 10	01/30/13	3499.42	28.21	28.23	0.02	3471.21
MW - 10	02/12/13	3499.42	-	28.22	0.00	3471.20
MW - 10	03/19/13	3499.42	-	28.13	0.00	3471.29
MW - 10	04/02/13	3499.42	-	28.17	0.00	3471.25
MW - 10	04/08/13	3499.42	-	28.02	0.00	3471.40
MW - 10	04/16/13	3499.42	-	28.16	0.00	3471.26
MW - 10	04/23/13	3499.42	-	28.25	0.00	3471.17
MW - 10	05/01/13	3499.42	-	28.28	0.00	3471.14
MW - 10	05/08/13	3499.42	-	28.13	0.00	3471.29
MW - 10	05/15/13	3499.42	-	28.11	0.00	3471.31
MW - 10	05/17/13	3499.42	-	28.15	0.00	3471.27
MW - 10	05/23/13	3499.42	-	28.24	0.00	3471.18
MW - 10	05/29/13	3499.42	-	28.19	0.00	3471.23
MW - 10	06/12/13	3499.42	-	28.46	0.00	3470.96
MW - 10	06/19/13	3499.42	-	28.52	0.00	3470.90
MW - 10	06/27/13	3499.42	-	28.63	0.00	3470.79
MW - 10	07/02/13	3499.42	-	28.73	0.00	3470.69
MW - 10	07/08/13	3499.42	-	28.77	0.00	3470.65
MW - 10	07/15/13	3499.42	-	28.79	0.00	3470.63
MW - 10	07/23/13	3499.42	-	28.66	0.00	3470.76
MW - 10	07/29/13	3499.42	-	28.60	0.00	3470.82
MW - 10	08/07/13	3499.42	-	28.64	0.00	3470.78
MW - 10	08/15/13	3499.42	-	28.75	0.00	3470.67
MW - 10	08/20/13	3499.42	-	28.78	0.00	3470.64
MW - 10	08/28/13	3499.42	-	29.11	0.00	3470.31
MW - 10	09/05/13	3499.42	-	29.19	0.00	3470.23
MW - 10	09/09/13	3499.42	-	29.05	0.00	3470.37
MW - 10	09/18/13	3499.42	-	29.19	0.00	3470.23
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

TABLE 1

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	06/07/02	3498.18	-	28.48	0.00	3469.70
MW - 11	09/27/02	3498.18	-	28.60	0.00	3469.58
MW - 11	12/04/02	3498.18	-	28.29	0.00	3469.89
MW - 11	02/25/03	3498.18	-	28.23	0.00	3469.95
MW - 11	05/22/03	3498.18	-	28.26	0.00	3469.92
MW - 11	08/26/03	3498.18	-	29.30	0.00	3468.88
MW - 11	11/25/03	3498.18	-	29.56	0.00	3468.62
MW - 11	02/10/04	3498.18	-	29.55	0.00	3468.63
MW - 11	05/10/04	3498.18	-	27.35	0.00	3470.83
MW - 11	08/25/04	3498.18	-	27.64	0.00	3470.54
MW - 11	12/02/04	3498.18	-	26.12	0.00	3472.06
MW - 11	03/10/05	3498.18	-	25.43	0.00	3472.75
MW - 11	06/10/05	3498.18	-	24.75	0.00	3473.43
MW - 11	09/09/05	3498.18	-	25.37	0.00	3472.81
MW - 11	12/05/05	3498.18	-	25.21	0.00	3472.97
MW - 11	03/09/06	3498.18	-	24.98	0.00	3473.20
MW - 11	06/08/06	3498.18	-	25.52	0.00	3472.66
MW - 11	09/15/06	3498.18	-	25.23	0.00	3472.95
MW - 11	11/29/06	3498.18	-	25.10	0.00	3473.08
MW - 11	02/26/07	3498.18	-	24.95	0.00	3473.23
MW - 11	05/21/07	3498.18	-	18.85	0.00	3479.33
MW - 11	08/16/07	3498.18	-	25.31	0.00	3472.87
MW - 11	11/07/07	3498.18	-	24.92	0.00	3473.26
MW - 11	02/12/08	3498.18	-	24.93	0.00	3473.25
MW - 11	05/15/08	3498.18	-	25.08	0.00	3473.10
MW - 11	08/18/08	3498.18	-	26.17	0.00	3472.01
MW - 11	11/13/08	3498.18	-	25.58	0.00	3472.60
MW - 11	02/11/09	3498.18	-	25.61	0.00	3472.57
MW - 11	05/13/09	3498.18	-	25.71	0.00	3472.47
MW - 11	08/11/09	3498.18	-	26.52	0.00	3471.66
MW - 11	11/23/09	3498.18	-	26.77	0.00	3471.41
MW - 11	01/05/10	3498.18	-	26.65	0.00	3471.53
MW - 11	02/10/10	3498.18	-	26.78	0.00	3471.40
MW - 11	05/25/10	3498.18	-	26.74	0.00	3471.44
MW - 11	08/13/10	3498.18	-	26.73	0.00	3471.45
MW - 11	11/17/10	3498.18	-	26.79	0.00	3471.39
MW - 11	02/22/11	3498.18	-	26.81	0.00	3471.37
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 - 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

TABLE 1

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	11/25/03	3499.66	-	30.69	0.00	3468.97
MW - 12	02/10/04	3499.66	-	30.72	0.00	3468.94
MW - 12	05/10/04	3499.66	-	28.54	0.00	3471.12
MW - 12	08/25/04	3499.66	-	28.78	0.00	3470.88
MW - 12	12/02/04	3499.66	-	27.53	0.00	3472.13
MW - 12	03/10/05	3499.66	-	26.72	0.00	3472.94
MW - 12	06/10/05	3499.66	-	26.01	0.00	3473.65
MW - 12	09/09/05	3499.66	-	26.64	0.00	3473.02
MW - 12	12/05/05	3499.66	-	26.53	0.00	3473.13
MW - 12	03/09/06	3499.66	-	26.33	0.00	3473.33
MW - 12	06/08/06	3499.66	-	26.85	0.00	3472.81
MW - 12	09/15/06	3499.66	-	26.44	0.00	3473.22
MW - 12	11/29/06	3499.66	-	26.30	0.00	3473.36
MW - 12	02/26/07	3499.66	-	26.34	0.00	3473.32
MW - 12	05/21/07	3499.66	-	25.75	0.00	3473.91
MW - 12	08/16/07	3499.66	-	26.59	0.00	3473.07
MW - 12	11/07/07	3499.66	-	26.19	0.00	3473.47
MW - 12	02/12/08	3499.66	-	26.25	0.00	3473.41
MW - 12	05/15/08	3499.66	-	26.35	0.00	3473.31
MW - 12	08/18/08	3499.66	-	27.40	0.00	3472.26
MW - 12	11/13/08	3499.66	-	26.80	0.00	3472.86
MW - 12	02/11/09	3499.66	-	26.88	0.00	3472.78
MW - 12	05/13/09	3499.66	-	26.89	0.00	3472.77
MW - 12	08/11/09	3499.66	-	27.04	0.00	3472.62
MW - 12	11/23/09	3499.66	-	27.99	0.00	3471.67
MW - 12	01/05/10	3499.66	-	27.84	0.00	3471.82
MW - 12	02/10/10	3499.66	-	28.00	0.00	3471.66
MW - 12	05/25/10	3499.66	-	27.96	0.00	3471.70
MW - 12	08/13/10	3499.66	-	27.76	0.00	3471.90
MW - 12	11/17/10	3499.66	-	28.01	0.00	3471.65
MW - 12	02/22/11	3499.66	-	27.00	0.00	3472.66
MW - 12	05/17/11	3499.66	-	27.02	0.00	3472.64
MW - 12	08/11/11	3499.66	-	28.53	0.00	3471.13
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 - 13	06/07/02	3501.60	-	29.51	0.00	3472.09
MW - 13	09/27/02	3501.60	-	29.66	0.00	3471.94
MW - 13	12/04/02	3501.60	-	29.37	0.00	3472.23
MW - 13	02/25/03	3501.60	-	29.34	0.00	3472.26
MW - 13	05/22/03	3501.60	-	29.41	0.00	3472.19
MW - 13	08/26/03	3501.60	-	30.57	0.00	3471.03
MW - 13	11/25/03	3501.60	-	30.77	0.00	3470.83
MW - 13	02/10/04	3501.60	-	30.75	0.00	3470.85
MW - 13	05/10/04	3501.60	-	27.80	0.00	3473.80
MW - 13	08/25/04	3501.60	-	28.58	0.00	3473.02
MW - 13	12/01/04	3501.60	-	26.90	0.00	3474.70
MW - 13	03/10/05	3501.60	-	26.55	0.00	3475.05
MW - 13	06/10/05	3501.60	-	26.17	0.00	3475.43
MW - 13	09/09/05	3501.60	-	26.53	0.00	3475.07
MW - 13	09/13/05	Plugged and Abandoned				

TABLE 1

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	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
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

TABLE 1

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	11/26/13	3498.54	-	28.80	0.00	3469.74
MW - 15	06/07/02	3500.65	-	31.42	0.00	3469.23
MW - 15	09/27/02	3500.65	-	31.40	0.00	3469.25
MW - 15	12/04/02	3500.65	-	31.13	0.00	3469.52
MW - 15	02/25/03	3500.65	-	31.00	0.00	3469.65
MW - 15	05/22/03	3500.65	-	31.08	0.00	3469.57
MW - 15	08/26/03	3500.65	-	32.13	0.00	3468.52
MW - 15	11/25/03	3500.65	-	32.36	0.00	3468.29
MW - 15	02/10/04	3500.65	-	32.37	0.00	3468.28
MW - 15	05/10/04	3500.65	-	30.23	0.00	3470.42
MW - 15	08/25/04	3500.65	-	30.42	0.00	3470.23
MW - 15	12/01/04	3500.65	-	28.83	0.00	3471.82
MW - 15	03/10/05	3500.65	-	28.15	0.00	3472.50
MW - 15	06/10/05	3500.65	-	27.56	0.00	3473.09
MW - 15	09/09/05	3500.65	-	28.14	0.00	3472.51
MW - 15	12/05/05	3500.65	-	27.90	0.00	3472.75
MW - 15	03/09/06	3500.65	-	27.73	0.00	3472.92
MW - 15	06/08/06	3500.65	-	28.31	0.00	3472.34
MW - 15	09/15/06	3500.65	-	28.02	0.00	3472.63
MW - 15	11/29/06	3500.65	-	27.76	0.00	3472.89
MW - 15	02/26/07	3500.65	-	27.70	0.00	3472.95
MW - 15	05/21/07	3500.65	-	27.26	0.00	3473.39
MW - 15	08/16/07	3500.65	-	28.11	0.00	3472.54
MW - 15	11/07/07	3500.65	-	27.69	0.00	3472.96
MW - 15	02/12/08	3500.65	-	28.34	0.00	3472.31
MW - 15	05/15/08	3500.65	-	27.86	0.00	3472.79
MW - 15	08/18/08	3500.65	-	28.97	0.00	3471.68
MW - 15	11/13/08	3500.65	-	28.37	0.00	3472.28
MW - 15	02/11/09	3500.65	-	28.39	0.00	3472.26
MW - 15	05/13/09	3500.65	-	28.49	0.00	3472.16
MW - 15	08/11/09	3500.65	-	29.32	0.00	3471.33
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 - 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

TABLE 1

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	08/26/03	3501.45	-	33.50	0.00	3467.95
MW - 16	11/25/03	3501.45	-	33.73	0.00	3467.72
MW - 16	02/10/04	3501.45	-	33.78	0.00	3467.67
MW - 16	05/10/04	3501.45	-	31.77	0.00	3469.68
MW - 16	08/25/04	3501.45	-	31.79	0.00	3469.66
MW - 16	12/01/04	3501.45	-	30.27	0.00	3471.18
MW - 16	03/10/05	3501.45	-	25.60	0.00	3475.85
MW - 16	06/10/05	3501.45	-	28.95	0.00	3472.50
MW - 16	09/09/05	3501.45	-	29.51	0.00	3471.94
MW - 16	12/05/05	3501.45	-	29.30	0.00	3472.15
MW - 16	03/09/06	3501.45	-	29.09	0.00	3472.36
MW - 16	06/08/06	3501.45	-	29.71	0.00	3471.74
MW - 16	09/15/06	3501.45	-	29.41	0.00	3472.04
MW - 16	11/29/06	3501.45	-	29.13	0.00	3472.32
MW - 16	02/26/07	3501.45	-	29.06	0.00	3472.39
MW - 16	05/21/07	3501.45	-	28.58	0.00	3472.87
MW - 16	08/16/07	3501.45	-	29.48	0.00	3471.97
MW - 16	11/07/07	3501.45	-	29.07	0.00	3472.38
MW - 16	02/12/08	3501.45	-	29.67	0.00	3471.78
MW - 16	05/15/08	3501.45	-	29.24	0.00	3472.21
MW - 16	08/18/08	3501.45	-	30.34	0.00	3471.11
MW - 16	11/13/08	3501.45	-	29.78	0.00	3471.67
MW - 16	02/11/09	3501.45	-	29.85	0.00	3471.60
MW - 16	05/13/09	3501.45	-	29.84	0.00	3471.61
MW - 16	08/11/09	3501.45	-	30.73	0.00	3470.72
MW - 16	11/23/09	3501.45	-	30.94	0.00	3470.51
MW - 16	01/05/10	3501.45	-	30.86	0.00	3470.59
MW - 16	02/10/10	3501.45	-	30.96	0.00	3470.49
MW - 16	05/25/10	3501.45	-	30.92	0.00	3470.53
MW - 16	08/13/10	3501.45	-	30.93	0.00	3470.52
MW - 16	11/17/10	3501.45	-	30.92	0.00	3470.53
MW - 16	02/22/11	3501.45	-	30.91	0.00	3470.54
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 - 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
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

TABLE 1

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	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
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

TABLE 1

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	11/23/09	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
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

TABLE 1

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	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
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

TABLE 1

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	09/18/13	3498.32	-	30.40	0.00	3467.92
MW - 17	09/28/13	3498.32	-	30.37	0.00	3467.95
MW - 17	10/01/13	3498.32	-	30.37	0.00	3467.95
MW - 17	10/08/13	3498.32	-	30.32	0.00	3468.00
MW - 17	10/14/13	3498.32	-	30.35	0.00	3467.97
MW - 17	10/23/13	3498.32	-	30.16	0.00	3468.16
MW - 17	10/29/13	3498.32	-	30.09	0.00	3468.23
MW - 17	11/16/13	3498.32	-	30.24	0.00	3468.08
MW - 17	11/27/13	3498.32	-	30.16	0.00	3468.16
MW - 17	12/02/13	3498.32	-	30.13	0.00	3468.19
MW - 17	12/14/13	3498.32	-	30.31	0.00	3468.01
MW - 17	12/19/13	3498.32	-	29.89	0.00	3468.43
MW - 17	12/24/13	3498.32	-	30.08	0.00	3468.24
MW - 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
MW - 18	07/02/09	3497.25	-	27.24	0.00	3470.01

TABLE 1

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	07/08/09	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	03/25/10	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
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

TABLE 1

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	07/27/11	3497.25	-	28.01	0.00	3469.24
MW - 18	08/03/11	3497.25	-	28.22	0.00	3469.03
MW - 18	08/11/11	3497.25	-	28.36	0.00	3468.89
MW - 18	08/18/11	3497.25	-	28.25	0.00	3469.00
MW - 18	08/25/11	3497.25	-	28.28	0.00	3468.97
MW - 18	09/02/11	3497.25	-	28.40	0.00	3468.85
MW - 18	09/09/11	3497.25	-	28.50	0.00	3468.75
MW - 18	11/08/11	3497.25	-	28.40	0.00	3468.85
MW - 18	12/28/11	3497.25	-	28.43	0.00	3468.82
MW - 18	01/05/12	3497.25	-	28.49	0.00	3468.76
MW - 18	01/18/12	3497.25	-	28.39	0.00	3468.86
MW - 18	01/27/12	3497.25	-	28.39	0.00	3468.86
MW - 18	02/02/12	3497.25	-	28.36	0.00	3468.89
MW - 18	02/10/12	3497.25	-	28.40	0.00	3468.85
MW - 18	02/15/12	3497.25	-	28.35	0.00	3468.90
MW - 18	03/01/12	3497.25	-	28.12	0.00	3469.13
MW - 18	03/07/12	3497.25	-	28.24	0.00	3469.01
MW - 18	03/14/12	3497.25	-	28.26	0.00	3468.99
MW - 18	03/19/12	3497.25	-	28.22	0.00	3469.03
MW - 18	03/26/12	3497.25	-	28.23	0.00	3469.02
MW - 18	04/04/12	3497.25	-	28.24	0.00	3469.01
MW - 18	04/11/12	3497.25	-	28.21	0.00	3469.04
MW - 18	04/17/12	3497.25	-	28.19	0.00	3469.06
MW - 18	04/25/12	3497.25	-	28.16	0.00	3469.09
MW - 18	05/23/12	3497.25	-	28.20	0.00	3469.05
MW - 18	05/31/12	3497.25	-	28.23	0.00	3469.02
MW - 18	06/06/12	3497.25	-	28.18	0.00	3469.07
MW - 18	06/13/12	3497.25	-	28.26	0.00	3468.99
MW - 18	06/20/12	3497.25	-	27.99	0.00	3469.26
MW - 18	07/11/12	3497.25	-	28.35	0.00	3468.90
MW - 18	07/18/12	3497.25	-	28.43	0.00	3468.82
MW - 18	08/02/12	3497.25	-	28.51	0.00	3468.74
MW - 18	08/09/12	3497.25	-	28.62	0.00	3468.63
MW - 18	08/16/12	3497.25	-	28.71	0.00	3468.54
MW - 18	10/02/12	3497.25	-	28.93	0.00	3468.32
MW - 18	10/10/12	3497.25	-	28.87	0.00	3468.38
MW - 18	10/17/12	3497.25	-	28.68	0.00	3468.57
MW - 18	10/26/12	3497.25	-	28.87	0.00	3468.38
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

TABLE 1

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	05/23/13	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
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 - 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

TABLE 1

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	12/02/04	3496.59	-	24.82	0.00	3471.77
MW - 20	03/10/05	3496.59	-	24.63	0.00	3471.96
MW - 20	06/10/05	3496.59	-	23.97	0.00	3472.62
MW - 20	09/09/05	3496.59	-	24.56	0.00	3472.03
MW - 20	12/05/05	3496.59	-	24.40	0.00	3472.19
MW - 20	03/09/06	3496.59	-	24.21	0.00	3472.38
MW - 20	06/08/06	3496.59	-	24.88	0.00	3471.71
MW - 20	09/15/06	3496.59	-	24.34	0.00	3472.25
MW - 20	11/29/06	3496.59	-	24.18	0.00	3472.41
MW - 20	02/26/07	3496.59	-	24.18	0.00	3472.41
MW - 20	05/21/07	3496.59	-	23.39	0.00	3473.20
MW - 20	08/16/07	3496.59	-	24.57	0.00	3472.02
MW - 20	11/07/07	3496.59	-	24.11	0.00	3472.48
MW - 20	02/12/08	3496.59	-	24.18	0.00	3472.41
MW - 20	05/15/08	3496.59	-	24.34	0.00	3472.25
MW - 20	08/18/08	3496.59	-	25.37	0.00	3471.22
MW - 20	11/13/08	3496.59	-	24.75	0.00	3471.84
MW - 20	02/11/09	3496.59	-	24.92	0.00	3471.67
MW - 20	05/13/09	3496.59	-	27.68	0.00	3468.91
MW - 20	08/11/09	3496.59	-	25.69	0.00	3470.90
MW - 20	11/23/09	3496.59	-	25.96	0.00	3470.63
MW - 20	01/05/10	3496.59	-	25.93	0.00	3470.66
MW - 20	02/10/10	3496.59	-	25.97	0.00	3470.62
MW - 20	05/25/10	3496.59	-	25.91	0.00	3470.68
MW - 20	08/13/10	3496.59	-	25.91	0.00	3470.68
MW - 20	11/17/10	3496.59	-	25.96	0.00	3470.63
MW - 20	02/22/11	3496.59	-	25.96	0.00	3470.63
MW - 20	05/17/11	3496.59	-	26.00	0.00	3470.59
MW - 20	08/11/11	3496.59	-	26.54	0.00	3470.05
MW - 20	11/08/11	3496.59	-	26.72	0.00	3469.87
MW - 20	03/01/12	3496.59	-	26.40	0.00	3470.19
MW - 20	05/23/12	3496.59	-	26.08	0.00	3470.51
MW - 20	08/09/12	3496.59	-	26.79	0.00	3469.80
MW - 20	11/19/12	3496.59	-	26.88	0.00	3469.71
MW - 20	02/12/13	3496.59	-	26.81	0.00	3469.78
MW - 20	05/15/13	3496.59	-	26.73	0.00	3469.86
MW - 20	08/07/13	3496.59	-	27.02	0.00	3469.57
MW - 20	11/27/13	3496.59	-	27.34	0.00	3469.25
MW - 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

TABLE 1

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	09/15/06	3503.03	-	32.33	0.00	3470.70
MW - 21	11/29/06	3503.03	-	31.70	0.00	3471.33
MW - 21	02/26/07	3503.03	-	31.77	0.00	3471.26
MW - 21	05/21/07	3503.03	-	31.21	0.00	3471.82
MW - 21	08/16/07	3503.03	-	32.06	0.00	3470.97
MW - 21	11/07/07	3503.03	-	31.66	0.00	3471.37
MW - 21	02/12/08	3503.03	-	31.73	0.00	3471.30
MW - 21	05/15/08	3503.03	-	31.87	0.00	3471.16
MW - 21	08/18/08	3503.03	-	32.88	0.00	3470.15
MW - 21	11/13/08	3503.03	-	32.36	0.00	3470.67
MW - 21	02/11/09	3503.03	-	32.43	0.00	3470.60
MW - 21	05/13/09	3503.03	-	33.06	0.00	3469.97
MW - 21	08/11/09	3503.03	-	34.16	0.00	3468.87
MW - 21	11/23/09	3503.03	-	33.51	0.00	3469.52
MW - 21	01/05/10	3503.03	-	34.01	0.00	3469.02
MW - 21	02/10/10	3503.03	-	33.55	0.00	3469.48
MW - 21	05/25/10	3503.03	-	33.49	0.00	3469.54
MW - 21	08/13/10	3503.03	-	33.48	0.00	3469.55
MW - 21	11/17/10	3503.03	-	33.50	0.00	3469.53
MW - 21	02/22/11	3503.03	-	33.51	0.00	3469.52
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 - 22	06/07/02	3500.05	-	32.73	0.00	3467.32
MW - 22	09/27/02	3500.05	-	32.81	0.00	3467.24
MW - 22	12/04/02	3500.05	-	32.48	0.00	3467.57
MW - 22	02/25/03	3500.05	-	32.25	0.00	3467.80
MW - 22	05/22/03	3500.05	-	32.39	0.00	3467.66
MW - 22	08/26/03	3500.05	-	33.52	0.00	3466.53
MW - 22	11/25/03	3500.05	-	33.68	0.00	3466.37
MW - 22	02/10/04	3500.05	-	33.74	0.00	3466.31
MW - 22	05/10/04	3500.05	-	31.78	0.00	3468.27
MW - 22	08/25/04	3500.05	-	31.70	0.00	3468.35
MW - 22	12/01/04	3500.05	-	30.58	0.00	3469.47
MW - 22	03/10/05	3500.05	-	29.84	0.00	3470.21
MW - 22	06/10/05	3500.05	-	29.12	0.00	3470.93
MW - 22	09/09/05	3500.05	-	29.53	0.00	3470.52
MW - 22	12/05/05	3500.05	-	29.32	0.00	3470.73
MW - 22	03/09/06	3500.05	-	29.17	0.00	3470.88
MW - 22	06/08/06	3500.05	-	29.68	0.00	3470.37
MW - 22	09/15/06	3500.05	-	29.48	0.00	3470.57
MW - 22	11/29/06	3500.05	-	29.19	0.00	3470.86
MW - 22	02/26/07	3500.05	-	29.19	0.00	3470.86
MW - 22	05/21/07	3500.05	-	28.62	0.00	3471.43
MW - 22	08/16/07	3500.05	-	29.46	0.00	3470.59
MW - 22	11/07/07	3500.05	-	29.09	0.00	3470.96
MW - 22	02/12/08	3500.05	-	29.14	0.00	3470.91

TABLE 1

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	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 - 23	06/07/02	3498.88	-	31.59	0.00	3467.29
MW - 23	09/27/02	3498.88	-	31.68	0.00	3467.20
MW - 23	12/04/02	3498.88	-	31.36	0.00	3467.52
MW - 23	02/25/03	3498.88	-	31.06	0.00	3467.82
MW - 23	05/22/03	3498.88	-	31.22	0.00	3467.66
MW - 23	08/26/03	3498.88	-	32.38	0.00	3466.50
MW - 23	11/25/03	3498.88	-	32.50	0.00	3466.38
MW - 23	02/10/04	3498.88	-	32.58	0.00	3466.30
MW - 23	05/10/04	3498.88	-	30.68	0.00	3468.20
MW - 23	08/25/04	3498.88	-	30.61	0.00	3468.27
MW - 23	12/01/04	3498.88	-	29.50	0.00	3469.38
MW - 23	03/10/05	3498.88	-	28.75	0.00	3470.13
MW - 23	06/10/05	3498.88	-	27.94	0.00	3470.94
MW - 23	09/09/05	3498.88	-	28.40	0.00	3470.48
MW - 23	12/05/05	3498.88	-	28.20	0.00	3470.68
MW - 23	03/09/06	3498.88	-	28.03	0.00	3470.85
MW - 23	06/08/06	3498.88	-	28.61	0.00	3470.27
MW - 23	09/15/06	3498.88	-	28.34	0.00	3470.54
MW - 23	11/29/06	3498.88	-	28.05	0.00	3470.83
MW - 23	02/14/07	3498.88	-	28.07	0.00	3470.81
MW - 23	02/28/07	3498.88	-	28.06	0.00	3470.82
MW - 23	05/21/07	3498.88	-	27.44	0.00	3471.44
MW - 23	08/16/07	3498.88	-	28.32	0.00	3470.56
MW - 23	11/07/07	3498.88	-	27.98	0.00	3470.90
MW - 23	02/12/08	3498.88	-	28.63	0.00	3470.25
MW - 23	05/15/08	3498.88	-	28.14	0.00	3470.74
MW - 23	08/18/08	3498.88	-	29.04	0.00	3469.84
MW - 23	09/17/08	3498.88	-	28.90	0.00	3469.98
MW - 23	11/13/08	3498.88	-	28.68	0.00	3470.20
MW - 23	02/11/09	3498.88	-	28.74	0.00	3470.14
MW - 23	02/24/09	3498.88	-	28.65	0.00	3470.23

TABLE 1
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	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
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

TABLE 1

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	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
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

TABLE 1

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	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 - 24	06/07/02	3498.79	-	31.45	0.00	3467.34
MW - 24	09/27/02	3498.79	-	31.54	0.00	3467.25
MW - 24	12/04/02	3498.79	-	31.28	0.00	3467.51
MW - 24	02/25/03	3498.79	-	30.93	0.00	3467.86
MW - 24	05/22/03	3498.79	-	31.09	0.00	3467.70
MW - 24	08/26/03	3498.79	-	32.25	0.00	3466.54
MW - 24	11/25/03	3498.79	-	32.36	0.00	3466.43
MW - 24	02/10/04	3498.79	-	32.43	0.00	3466.36
MW - 24	05/10/04	3498.79	-	30.53	0.00	3468.26
MW - 24	08/25/04	3498.79	-	30.41	0.00	3468.38
MW - 24	12/01/04	3498.79	-	29.38	0.00	3469.41
MW - 24	03/10/05	3498.79	-	28.66	0.00	3470.13
MW - 24	06/10/05	3498.79	-	27.80	0.00	3470.99
MW - 24	09/09/05	3498.79	-	28.28	0.00	3470.51
MW - 24	12/05/05	3498.79	-	28.09	0.00	3470.70
MW - 24	03/09/06	3498.79	-	27.92	0.00	3470.87
MW - 24	06/08/06	3498.79	-	28.46	0.00	3470.33
MW - 24	09/15/06	3498.79	-	28.22	0.00	3470.57
MW - 24	11/29/06	3498.79	-	27.91	0.00	3470.88
MW - 24	02/14/07	3498.79	-	27.96	0.00	3470.83
MW - 24	02/26/07	3498.79	-	27.84	0.00	3470.95
MW - 24	05/21/07	3498.79	-	27.34	0.00	3471.45
MW - 24	08/16/07	3498.79	-	28.19	0.00	3470.60
MW - 24	11/07/07	3498.79	-	27.86	0.00	3470.93
MW - 24	02/12/08	3498.79	-	28.50	0.00	3470.29
MW - 24	05/15/08	3498.79	-	27.99	0.00	3470.80
MW - 24	08/18/08	3498.79	-	29.00	0.00	3469.79
MW - 24	09/17/08	3498.79	-	28.74	0.00	3470.05
MW - 24	11/13/08	3498.79	-	28.52	0.00	3470.27
MW - 24	02/11/09	3498.79	-	28.54	0.00	3470.25
MW - 24	02/24/09	3498.79	-	28.54	0.00	3470.25
MW - 24	03/04/09	3498.79	-	28.50	0.00	3470.29
MW - 24	03/17/09	3498.79	-	28.56	0.00	3470.23
MW - 24	03/25/09	3498.79	-	28.52	0.00	3470.27
MW - 24	04/08/09	3498.79	-	28.54	0.00	3470.25
MW - 24	04/15/09	3498.79	-	28.57	0.00	3470.22
MW - 24	04/29/09	3498.79	-	28.54	0.00	3470.25
MW - 24	05/13/09	3498.79	-	28.59	0.00	3470.20
MW - 24	06/10/09	3498.79	-	26.61	0.00	3472.18
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

TABLE 1

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	08/31/09	3498.79	-	36.78	0.00	3462.01
MW - 24	09/08/09	3498.79	-	29.49	0.00	3469.30
MW - 24	09/22/09	3498.79	-	29.52	0.00	3469.27
MW - 24	09/29/09	3498.79	-	29.23	0.00	3469.56
MW - 24	10/07/09	3498.79	-	29.57	0.00	3469.22
MW - 24	10/12/09	3498.79	-	29.20	0.00	3469.59
MW - 24	10/16/09	3498.79	-	29.53	0.00	3469.26
MW - 24	10/26/09	3498.79	-	29.20	0.00	3469.59
MW - 24	11/12/09	3498.79	-	29.61	0.00	3469.18
MW - 24	11/23/09	3498.79	-	29.64	0.00	3469.15
MW - 24	12/28/09	3498.79	-	29.20	0.00	3469.59
MW - 24	01/05/10	3498.79	-	29.66	0.00	3469.13
MW - 24	01/20/10	3498.79	-	29.22	0.00	3469.57
MW - 24	01/25/10	3498.79	-	29.24	0.00	3469.55
MW - 24	02/10/10	3498.79	-	29.67	0.00	3469.12
MW - 24	03/01/10	3498.79	-	29.27	0.00	3469.52
MW - 24	05/25/10	3498.79	-	29.28	0.00	3469.51
MW - 24	06/07/10	3498.79	-	29.50	0.00	3469.29
MW - 24	06/12/10	3498.79	-	29.62	0.00	3469.17
MW - 24	06/25/10	3498.79	-	29.57	0.00	3469.22
MW - 24	07/07/10	3498.79	-	29.42	0.00	3469.37
MW - 24	07/12/10	3498.79	-	29.02	0.00	3469.77
MW - 24	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

TABLE 1

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	11/08/11	3498.79	-	30.42	0.00	3468.37
MW - 24	12/28/11	3498.79	-	30.32	0.00	3468.47
MW - 24	01/05/12	3498.79	-	30.30	0.00	3468.49
MW - 24	01/18/12	3498.79	-	30.25	0.00	3468.54
MW - 24	01/27/12	3498.79	-	30.26	0.00	3468.53
MW - 24	02/02/12	3498.79	-	30.20	0.00	3468.59
MW - 24	02/10/12	3498.79	-	30.31	0.00	3468.48
MW - 24	02/15/12	3498.79	-	30.24	0.00	3468.55
MW - 24	03/01/12	3498.79	-	30.15	0.00	3468.64
MW - 24	03/07/12	3498.79	-	30.14	0.00	3468.65
MW - 24	03/14/12	3498.79	-	30.19	0.00	3468.60
MW - 24	03/19/12	3498.79	-	30.13	0.00	3468.66
MW - 24	03/26/12	3498.79	-	30.13	0.00	3468.66
MW - 24	04/04/12	3498.79	-	30.13	0.00	3468.66
MW - 24	04/11/12	3498.79	-	30.11	0.00	3468.68
MW - 24	04/17/12	3498.79	-	30.14	0.00	3468.65
MW - 24	04/25/12	3498.79	-	30.09	0.00	3468.70
MW - 24	05/23/12	3498.79	-	30.15	0.00	3468.64
MW - 24	05/31/12	3498.79	-	30.19	0.00	3468.60
MW - 24	06/06/12	3498.79	-	30.17	0.00	3468.62
MW - 24	06/13/12	3498.79	-	30.33	0.00	3468.46
MW - 24	06/20/12	3498.79	-	30.21	0.00	3468.58
MW - 24	07/11/12	3498.79	-	30.38	0.00	3468.41
MW - 24	07/18/12	3498.79	-	30.46	0.00	3468.33
MW - 24	08/02/12	3498.79	-	30.54	0.00	3468.25
MW - 24	08/09/12	3498.79	-	30.69	0.00	3468.10
MW - 24	08/16/12	3498.79	-	30.71	0.00	3468.08
MW - 24	10/02/12	3498.79	-	30.90	0.00	3467.89
MW - 24	10/10/12	3498.79	-	30.86	0.00	3467.93
MW - 24	10/17/12	3498.79	-	30.71	0.00	3468.08
MW - 24	10/26/12	3498.79	-	30.84	0.00	3467.95
MW - 24	11/01/12	3498.79	-	30.72	0.00	3468.07
MW - 24	11/19/12	3498.79	-	30.69	0.00	3468.10
MW - 24	12/13/12	3498.79	-	30.64	0.00	3468.15
MW - 24	12/18/12	3498.79	-	30.55	0.00	3468.24
MW - 24	01/08/13	3498.79	-	30.57	0.00	3468.22
MW - 24	01/16/13	3498.79	-	30.64	0.00	3468.15
MW - 24	01/24/13	3498.79	-	30.63	0.00	3468.16
MW - 24	01/30/13	3498.79	-	30.62	0.00	3468.17
MW - 24	02/12/13	3498.79	-	30.56	0.00	3468.23
MW - 24	03/19/13	3498.79	-	30.52	0.00	3468.27
MW - 24	04/02/13	3498.79	-	30.55	0.00	3468.24
MW - 24	04/08/13	3498.79	-	30.47	0.00	3468.32
MW - 24	04/16/13	3498.79	-	30.56	0.00	3468.23
MW - 24	04/23/13	3498.79	-	30.63	0.00	3468.16
MW - 24	05/01/13	3498.79	-	30.56	0.00	3468.23
MW - 24	05/08/13	3498.79	-	30.53	0.00	3468.26
MW - 24	05/15/13	3498.79	-	30.50	0.00	3468.29
MW - 24	05/17/13	3498.79	-	30.56	0.00	3468.23
MW - 24	05/23/13	3498.79	-	30.61	0.00	3468.18
MW - 24	05/29/13	3498.79	-	29.59	0.00	3469.20
MW - 24	06/12/13	3498.79	-	30.85	0.00	3467.94
MW - 24	06/19/13	3498.79	-	30.92	0.00	3467.87
MW - 24	06/27/13	3498.79	-	31.03	0.00	3467.76
MW - 24	07/02/13	3498.79	-	30.08	0.00	3468.71
MW - 24	07/08/13	3498.79	-	31.12	0.00	3467.67

TABLE 1

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	07/15/13	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 - 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
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

TABLE 1

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	03/25/09	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
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

TABLE 1

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	05/17/11	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
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				

TABLE 1

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	05/01/13	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 - 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
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

TABLE 1

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	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
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 - 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

TABLE 1

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	06/10/05	3498.03	-	28.37	0.00	3469.66
MW - 27	09/09/05	3498.03	-	28.82	0.00	3469.21
MW - 27	12/05/05	3498.03	-	28.57	0.00	3469.46
MW - 27	03/09/06	3498.03	-	28.42	0.00	3469.61
MW - 27	06/08/06	3498.03	-	28.84	0.00	3469.19
MW - 27	09/15/06	3498.03	-	28.79	0.00	3469.24
MW - 27	11/29/06	3498.03	-	28.54	0.00	3469.49
MW - 27	02/26/07	3498.03	-	28.33	0.00	3469.70
MW - 27	05/21/07	3498.03	-	27.92	0.00	3470.11
MW - 27	08/16/07	3498.03	-	28.63	0.00	3469.40
MW - 27	11/07/07	3498.03	-	28.34	0.00	3469.69
MW - 27	02/12/08	3498.03	-	28.33	0.00	3469.70
MW - 27	05/15/08	3498.03	-	28.39	0.00	3469.64
MW - 27	08/18/08	3498.03	-	29.33	0.00	3468.70
MW - 27	11/13/08	3498.03	-	29.02	0.00	3469.01
MW - 27	02/11/09	3498.03	-	28.95	0.00	3469.08
MW - 27	05/13/09	3498.03	-	28.98	0.00	3469.05
MW - 27	08/11/09	3498.03	-	29.69	0.00	3468.34
MW - 27	11/23/09	3498.03	-	30.04	0.00	3467.99
MW - 27	01/05/10	3498.03	-	29.98	0.00	3468.05
MW - 27	02/10/10	3498.03	-	30.07	0.00	3467.96
MW - 27	05/25/10	3498.03	-	30.01	0.00	3468.02
MW - 27	08/13/10	3498.03	-	30.02	0.00	3468.01
MW - 27	11/17/10	3498.03	-	30.02	0.00	3468.01
MW - 27	02/22/11	3498.03	-	30.02	0.00	3468.01
MW - 27	05/17/11	3498.03	-	30.04	0.00	3467.99
MW - 27	08/11/11	3498.03	-	30.70	0.00	3467.33
MW - 27	11/08/11	3498.03	-	30.86	0.00	3467.17
MW - 27	03/01/12	3498.03	-	30.57	0.00	3467.46
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 - 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
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

TABLE 1

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	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 - 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

TABLE 1

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	08/25/04	3498.65	-	31.53	0.00	3467.12
MW - 30	12/01/04	3498.65	-	30.53	0.00	3468.12
MW - 30	03/10/05	3498.65	-	29.80	0.00	3468.85
MW - 30	06/10/05	3498.65	-	28.97	0.00	3469.68
MW - 30	09/09/05	3498.65	-	29.35	0.00	3469.30
MW - 30	12/05/05	3498.65	-	29.09	0.00	3469.56
MW - 30	03/09/06	3498.65	-	28.97	0.00	3469.68
MW - 30	06/08/06	3498.65	-	29.43	0.00	3469.22
MW - 30	09/15/06	3498.65	-	29.36	0.00	3469.29
MW - 30	11/29/06	3498.65	-	29.00	0.00	3469.65
MW - 30	02/26/07	3498.65	-	28.96	0.00	3469.69
MW - 30	05/21/07	3498.65	-	28.48	0.00	3470.17
MW - 30	06/21/07	3498.65	-	28.51	0.00	3470.14
MW - 30	08/16/07	3498.65	-	29.19	0.00	3469.46
MW - 30	11/07/07	3498.65	-	28.88	0.00	3469.77
MW - 30	02/12/08	3498.65	-	28.90	0.00	3469.75
MW - 30	05/15/08	3498.65	-	28.99	0.00	3469.66
MW - 30	08/18/08	3498.65	-	29.96	0.00	3468.69
MW - 30	11/13/08	3498.65	-	29.59	0.00	3469.06
MW - 30	02/11/09	3498.65	-	29.57	0.00	3469.08
MW - 30	05/13/09	3498.65	-	29.62	0.00	3469.03
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
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

TABLE 1

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	06/10/03	3498.89	27.67	29.51	1.84	3470.94
RW - 1	06/26/03	3498.89	27.26	28.80	1.54	3471.40
RW - 1	07/07/03	3498.89	28.05	30.06	2.01	3470.54
RW - 1	07/30/03	3498.89	28.07	30.05	1.98	3470.52
RW - 1	08/05/03	3498.89	28.36	30.60	2.24	3470.19
RW - 1	08/21/03	3498.89	28.62	30.93	2.31	3469.92
RW - 1	08/26/03	3498.89	28.66	30.98	2.32	3469.88
RW - 1	09/08/03	3498.89	28.75	31.09	2.34	3469.79
RW - 1	09/15/03	3498.89	28.71	29.89	1.18	3470.00
RW - 1	09/24/03	3498.89	29.69	29.89	0.20	3469.17
RW - 1	10/02/03	3498.89	28.85	31.00	2.15	3469.72
RW - 1	10/08/03	3498.89	28.60	30.96	2.36	3469.94
RW - 1	10/16/03	3498.89	28.98	30.82	1.84	3469.63
RW - 1	10/28/03	3498.89	29.06	30.16	1.10	3469.67
RW - 1	11/11/03	3498.89	29.24	30.17	0.93	3469.51
RW - 1	11/18/03	3498.89	29.01	30.05	1.04	3469.72
RW - 1	11/25/03	3498.89	28.69	29.68	0.99	3470.05
RW - 1	02/20/04	3498.89	28.89	30.19	1.30	3469.81
RW - 1	03/16/04	3498.89	29.04	30.10	1.06	3469.69
RW - 1	12/08/03	3498.89	28.76	29.79	1.03	3469.98
RW - 1	03/25/04	3498.89	29.08	30.15	1.07	3469.65
RW - 1	03/31/04	3498.89	29.10	30.13	1.03	3469.64
RW - 1	04/08/04	3498.89	26.82	27.36	0.54	3471.99
RW - 1	04/14/04	3498.89	26.90	27.68	0.78	3471.87
RW - 1	04/29/04	3498.89	26.24	27.50	1.26	3472.46
RW - 1	05/05/04	3498.89	26.49	27.41	0.92	3472.26
RW - 1	05/10/04	3498.89	26.15	27.06	0.91	3472.60
RW - 1	06/08/04	3498.89	26.21	27.49	1.28	3472.49
RW - 1	06/17/04	3498.89	26.37	27.81	1.44	3472.30
RW - 1	06/22/04	3498.89	26.42	27.93	1.51	3472.24
RW - 1	06/25/04	3498.89	26.38	27.90	1.52	3472.28
RW - 1	06/29/04	3498.89	26.34	27.99	1.65	3472.30
RW - 1	07/01/04	3498.89	26.37	28.11	1.74	3472.26
RW - 1	07/08/04	3498.89	26.35	29.97	3.62	3472.00
RW - 1	07/13/04	3498.89	26.43	28.15	1.72	3472.20
RW - 1	07/20/04	3498.89	26.58	28.35	1.77	3472.04
RW - 1	08/04/04	3498.89	26.59	28.34	1.75	3472.04
RW - 1	08/10/04	3498.89	26.64	28.32	1.68	3472.00
RW - 1	08/17/04	3498.89	26.70	28.70	2.00	3471.89
RW - 1	08/23/04	3498.89	26.68	27.09	0.41	3472.15
RW - 1	08/25/04	3498.89	26.43	27.73	1.30	3472.27
RW - 1	08/31/04	3498.89	26.85	27.52	0.67	3471.94
RW - 1	09/13/04	3498.89	26.85	27.31	0.46	3471.97
RW - 1	09/20/04	3498.89	26.95	27.50	0.55	3471.86
RW - 1	09/30/04	3498.89	27.11	27.52	0.41	3471.72
RW - 1	10/04/04	3498.89	26.11	26.33	0.22	3472.75
RW - 1	10/11/04	3498.89	25.89	26.11	0.22	3472.97
RW - 1	10/18/04	3498.89	sheen	25.85	0.00	3473.04
RW - 1	10/27/04	3498.89	sheen	25.89	0.00	3473.00
RW - 1	11/02/04	3498.89	sheen	25.65	0.00	3473.24
RW - 1	11/08/04	3498.89	sheen	25.59	0.00	3473.30
RW - 1	11/23/04	3498.89	25.45	25.50	0.05	3473.43
RW - 1	12/01/04	3498.89	sheen	25.26	0.00	3473.63
RW - 1	12/02/04	3498.89	sheen	25.26	0.00	3473.63
RW - 1	12/08/04	3498.89	sheen	25.05	0.00	3473.84
RW - 1	12/14/04	3498.89	sheen	25.15	0.00	3473.74

TABLE 1

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	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
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

TABLE 1

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	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	12/03/05	3498.89	24.39	24.44	0.05	3474.49
RW - 1	12/07/05	3498.89	24.46	24.51	0.05	3474.42
RW - 1	12/16/05	3498.89	24.35	24.45	0.10	3474.53
RW - 1	12/29/05	3498.89	24.32	24.45	0.13	3474.55
RW - 1	01/03/06	3498.89	24.36	24.47	0.11	3474.51
RW - 1	01/09/06	3498.89	24.44	24.56	0.12	3474.43
RW - 1	01/16/06	3498.89	24.26	24.30	0.04	3474.62
RW - 1	01/23/06	3498.89	24.45	24.56	0.11	3474.42
RW - 1	01/30/06	3498.89	24.49	24.55	0.06	3474.39
RW - 1	02/07/06	3498.89	24.40	24.47	0.07	3474.48
RW - 1	02/14/06	3498.89	24.31	24.36	0.05	3474.57
RW - 1	02/21/06	3498.89	24.30	24.39	0.09	3474.58
RW - 1	02/27/06	3498.89	24.31	24.39	0.08	3474.57
RW - 1	03/06/06	3498.89	24.35	24.45	0.10	3474.53
RW - 1	03/09/06	3498.89	24.18	24.26	0.08	3474.70
RW - 1	03/17/06	3498.89	24.48	24.50	0.02	3474.41
RW - 1	03/21/06	3498.89	24.43	24.53	0.10	3474.45
RW - 1	03/28/06	3498.89	24.48	24.54	0.06	3474.40
RW - 1	04/03/06	3498.89	24.48	24.58	0.10	3474.40
RW - 1	04/10/06	3498.89	24.26	24.30	0.04	3474.62
RW - 1	04/17/06	3498.89	24.24	24.30	0.06	3474.64
RW - 1	05/01/06	3498.89	25.30	25.36	0.06	3473.58
RW - 1	05/08/06	3498.89	24.26	24.40	0.14	3474.61
RW - 1	05/15/06	3498.89	24.50	24.72	0.22	3474.36
RW - 1	06/01/06	3498.89	24.65	24.75	0.10	3474.23
RW - 1	06/05/06	3498.89	24.58	24.62	0.04	3474.30
RW - 1	06/08/06	3498.89	24.70	24.86	0.16	3474.17
RW - 1	06/12/06	3498.89	24.81	24.91	0.10	3474.07
RW - 1	06/19/06	3498.89	24.91	24.96	0.05	3473.97
RW - 1	07/03/06	3498.89	25.02	25.06	0.04	3473.86
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

TABLE 1

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	01/11/07	3498.89	sheen	24.19	0.00	3474.70
RW - 1	01/18/07	3498.89	sheen	24.31	0.00	3474.58
RW - 1	01/22/07	3498.89	24.30	24.37	0.07	3474.58
RW - 1	01/31/07	3498.89	sheen	24.15	0.00	3474.74
RW - 1	02/07/07	3498.89	sheen	24.24	0.00	3474.65
RW - 1	02/14/07	3498.89	sheen	24.29	0.00	3474.60
RW - 1	02/26/07	3498.89	sheen	24.21	0.00	3474.68
RW - 1	03/07/07	3498.89	sheen	24.34	0.00	3474.55
RW - 1	04/03/07	3498.89	sheen	24.18	0.00	3474.71
RW - 1	04/09/07	3498.89	sheen	23.96	0.00	3474.93
RW - 1	04/17/07	3498.89	sheen	24.02	0.00	3474.87
RW - 1	05/01/07	3498.89	sheen	24.13	0.00	3474.76
RW - 1	05/07/07	3498.89	sheen	24.13	0.00	3474.76
RW - 1	05/17/07	3498.89	sheen	23.95	0.00	3474.94
RW - 1	05/21/07	3498.89	sheen	24.73	0.00	3474.16
RW - 1	07/03/07	3498.89	sheen	23.93	0.00	3474.96
RW - 1	07/30/07	3498.89	sheen	24.28	0.00	3474.61
RW - 1	08/06/07	3498.89	sheen	24.31	0.00	3474.58
RW - 1	08/16/07	3498.89	sheen	24.46	0.00	3474.43
RW - 1	09/13/07	3498.89	sheen	24.37	0.00	3474.52
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

TABLE 1

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	04/15/09	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
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
RW - 1	08/13/10	3498.89	-	25.16	0.00	3473.73

TABLE 1

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	08/19/10	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
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

TABLE 1

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	07/18/12	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
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

TABLE 1

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	12/04/02	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
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

TABLE 1

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	08/25/04	3498.99	26.55	27.20	0.65	3472.34
RW - 2	08/31/04	3498.99	26.65	27.35	0.70	3472.24
RW - 2	09/13/04	3498.99	26.73	27.19	0.46	3472.19
RW - 2	09/20/04	3498.99	26.80	27.29	0.49	3472.12
RW - 2	09/30/04	3498.99	26.95	27.21	0.26	3472.00
RW - 2	10/04/04	3498.99	25.12	25.27	0.15	3473.85
RW - 2	10/11/04	3498.99	24.98	25.22	0.24	3473.97
RW - 2	10/18/04	3498.99	sheen	25.23	0.00	3473.76
RW - 2	10/27/04	3498.99	sheen	25.50	0.00	3473.49
RW - 2	11/02/04	3498.99	sheen	25.39	0.00	3473.60
RW - 2	11/08/04	3498.99	sheen	25.35	0.00	3473.64
RW - 2	11/23/04	3498.99	24.84	24.85	0.01	3474.15
RW - 2	12/01/04	3498.99	sheen	24.66	0.00	3474.33
RW - 2	12/02/04	3498.99	sheen	24.66	0.00	3474.33
RW - 2	12/08/04	3498.99	sheen	24.64	0.00	3474.35
RW - 2	12/14/04	3498.99	sheen	24.80	0.00	3474.19
RW - 2	12/21/04	3498.99	sheen	24.72	0.00	3474.27
RW - 2	12/29/04	3498.99	sheen	24.73	0.00	3474.26
RW - 2	01/11/05	3498.99	sheen	24.66	0.00	3474.33
RW - 2	01/14/05	3498.99	sheen	24.96	0.00	3474.03
RW - 2	01/18/05	3498.99	sheen	24.72	0.00	3474.27
RW - 2	01/21/05	3498.99	sheen	24.67	0.00	3474.32
RW - 2	01/25/05	3498.99	sheen	24.68	0.00	3474.31
RW - 2	01/28/05	3498.99	sheen	24.65	0.00	3474.34
RW - 2	02/02/05	3498.99	sheen	24.75	0.00	3474.24
RW - 2	02/05/05	3498.99	sheen	24.69	0.00	3474.30
RW - 2	02/08/05	3498.99	sheen	24.65	0.00	3474.34
RW - 2	02/11/05	3498.99	sheen	24.61	0.00	3474.38
RW - 2	02/15/05	3498.99	sheen	24.72	0.00	3474.27
RW - 2	02/18/05	3498.99	sheen	24.75	0.00	3474.24
RW - 2	02/22/05	3498.99	sheen	24.66	0.00	3474.33
RW - 2	02/25/05	3498.99	sheen	24.92	0.00	3474.07
RW - 2	03/01/05	3498.99	sheen	24.77	0.00	3474.22
RW - 2	03/04/05	3498.99	sheen	24.91	0.00	3474.08
RW - 2	03/08/05	3498.99	sheen	24.57	0.00	3474.42
RW - 2	03/10/05	3498.99	sheen	24.57	0.00	3474.42
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

TABLE 1

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	08/01/05	3498.99	24.66	24.67	0.01	3474.33
RW - 2	08/10/05	3498.99	24.89	24.90	0.01	3474.10
RW - 2	08/16/05	3498.99	sheen	24.56	0.00	3474.43
RW - 2	08/23/05	3498.99	24.14	24.20	0.06	3474.84
RW - 2	08/29/05	3498.99	24.10	24.19	0.09	3474.88
RW - 2	09/06/05	3498.99	24.23	24.36	0.13	3474.74
RW - 2	09/09/05	3498.99	24.21	24.34	0.13	3474.76
RW - 2	09/12/05	3498.99	24.27	24.43	0.16	3474.70
RW - 2	09/19/05	3498.99	24.56	24.71	0.15	3474.41
RW - 2	09/27/05	3498.99	25.15	26.18	1.03	3473.69
RW - 2	10/03/05	3498.99	25.19	25.22	0.03	3473.80
RW - 2	10/10/05	3498.99	24.49	24.90	0.41	3474.44
RW - 2	10/17/05	3498.99	sheen	25.10	0.00	3473.89
RW - 2	10/24/05	3498.99	24.43	24.48	0.05	3474.55
RW - 2	11/01/05	3498.99	24.30	24.31	0.01	3474.69
RW - 2	11/08/05	3498.99	24.38	24.39	0.01	3474.61
RW - 2	11/15/05	3498.99	24.48	24.60	0.12	3474.49
RW - 2	11/22/05	3498.99	24.33	24.36	0.03	3474.66
RW - 2	11/27/05	3498.99	24.32	24.36	0.04	3474.66
RW - 2	12/05/05	3498.99	24.28	24.37	0.09	3474.70
RW - 2	12/07/05	3498.99	24.41	24.42	0.01	3474.58
RW - 2	12/16/05	3498.99	24.20	24.40	0.20	3474.76
RW - 2	12/29/05	3498.99	24.27	24.33	0.06	3474.71
RW - 2	01/03/06	3498.99	24.20	24.41	0.21	3474.76
RW - 2	01/09/06	3498.99	24.35	24.55	0.20	3474.61
RW - 2	01/16/06	3498.99	24.15	24.17	0.02	3474.84
RW - 2	01/23/06	3498.99	24.36	24.45	0.09	3474.62
RW - 2	01/30/06	3498.99	24.42	24.52	0.10	3474.56
RW - 2	02/07/06	3498.99	24.35	24.41	0.06	3474.63
RW - 2	02/09/06	3498.99	24.55	24.57	0.02	3474.44
RW - 2	02/14/06	3498.99	24.28	24.33	0.05	3474.70
RW - 2	02/21/06	3498.99	24.26	24.35	0.09	3474.72
RW - 2	02/27/06	3498.99	24.25	24.30	0.05	3474.73
RW - 2	03/06/06	3498.99	24.30	24.37	0.07	3474.68
RW - 2	03/09/06	3498.99	24.18	24.29	0.11	3474.79
RW - 2	03/17/06	3498.99	24.53	24.54	0.01	3474.46
RW - 2	03/21/06	3498.99	24.48	24.54	0.06	3474.50
RW - 2	03/28/06	3498.99	24.50	24.55	0.05	3474.48
RW - 2	04/03/06	3498.99	24.50	24.54	0.04	3474.48
RW - 2	04/10/06	3498.99	sheen	24.21	0.00	3474.78
RW - 2	04/17/06	3498.99	sheen	24.20	0.00	3474.79
RW - 2	05/01/06	3498.99	sheen	24.28	0.00	3474.71
RW - 2	05/08/06	3498.99	24.19	24.21	0.02	3474.80
RW - 2	05/15/06	3498.99	24.42	24.43	0.01	3474.57
RW - 2	06/01/06	3498.99	sheen	24.61	0.00	3474.38
RW - 2	06/05/06	3498.99	sheen	24.50	0.00	3474.49
RW - 2	06/08/06	3498.99	24.68	24.70	0.02	3474.31
RW - 2	06/12/06	3498.99	sheen	25.83	0.00	3473.16
RW - 2	06/19/06	3498.99	24.83	24.88	0.05	3474.15
RW - 2	07/03/06	3498.99	sheen	25.00	0.00	3473.99
RW - 2	07/10/06	3498.99	24.90	24.96	0.06	3474.08
RW - 2	07/17/06	3498.99	24.56	24.58	0.02	3474.43
RW - 2	07/26/06	3498.99	24.83	24.87	0.04	3474.15
RW - 2	07/31/06	3498.99	24.91	24.99	0.08	3474.07
RW - 2	08/07/06	3498.99	26.11	26.29	0.18	3472.85
RW - 2	08/17/06	3498.99	24.73	24.77	0.04	3474.25

TABLE 1

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	08/21/06	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
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

TABLE 1

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	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
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

TABLE 1

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	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
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

TABLE 1

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	01/27/12	3498.99	-	27.44	0.00	3471.55
RW - 2	02/02/12	3498.99	-	27.35	0.00	3471.64
RW - 2	02/10/12	3498.99	-	27.44	0.00	3471.55
RW - 2	02/15/12	3498.99	-	26.66	0.00	3472.33
RW - 2	03/01/12	3498.99	-	27.21	0.00	3471.78
RW - 2	03/07/12	3498.99	-	27.30	0.00	3471.69
RW - 2	03/14/12	3498.99	-	27.38	0.00	3471.61
RW - 2	03/19/12	3498.99	-	27.34	0.00	3471.65
RW - 2	03/26/12	3498.99	-	27.26	0.00	3471.73
RW - 2	04/04/12	3498.99	-	27.27	0.00	3471.72
RW - 2	04/11/12	3498.99	-	27.27	0.00	3471.72
RW - 2	04/25/12	3498.99	-	27.20	0.00	3471.79
RW - 2	05/23/12	3498.99	-	27.23	0.00	3471.76
RW - 2	05/31/12	3498.99	-	27.35	0.00	3471.64
RW - 2	06/06/12	3498.99	-	27.49	0.00	3471.50
RW - 2	06/13/12	3498.99	-	27.65	0.00	3471.34
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

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
TANK	03/01/05		1.90	2.71	0.81	

Elevation based on the North American Vertical Datum of 1929.

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

TABLE 2
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 LIMIT		0.010	0.750	0.750	0.620	
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 - 3	08/24/99	0.5360	0.0080	0.2670	0.0590	0.0050
MW - 3	11/30/99	0.5820	0.0090	0.3210	0.0670	<0.001
MW - 3	03/03/00	0.3090	0.0030	0.2010	0.0350	<0.001
MW - 3	05/16/00	0.4100	0.0060	0.2380	0.0410	<0.001
MW - 3	09/01/00	0.4020	0.0030	0.2480	0.0400	<0.001
MW - 3	11/21/00	0.5740	0.0020	0.3520	0.0690	<0.001
MW - 3	03/05/01	0.5600	0.0020	0.2900	0.0460	<0.001
MW - 3	05/17/01	0.5570	<0.020	0.2830	0.0540	
MW - 3	08/27/01	0.1800	<0.001	0.1000	0.0110	<0.001
MW - 3	10/24/01	0.1620	<0.001	0.1310	0.0320	<0.001
MW - 3	03/27/02	0.2780	0.0040	0.1280	0.0250	<0.001
MW - 3	05/14/02	0.5740	0.0065	0.3050	0.0670	0.0020
MW - 3	09/27/02	0.9650	<0.001	0.3620	0.0720	<0.001
MW - 3	12/05/02	0.6720	0.0010	0.4510	0.0940	0.0010
MW - 3	05/22/03	0.9730	0.1080	0.3650	0.3860	0.1010
MW - 3	11/25/03	0.5350	<0.001	0.0930	0.0380	<0.001
MW - 3	02/10/04	0.4100	<0.001	0.0830	0.0430	<0.001

TABLE 2
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 LIMIT		0.010	0.750	0.750	0.620	
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	
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	

TABLE 2
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 LIMIT		0.010	0.750	0.750	0.620	
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	
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 - 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				

TABLE 2
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 REGULARY LIMIT		0.010	0.750	0.750	0.620	
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				
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 - 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	

TABLE 2
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 REGULARY LIMIT		0.010	0.750	0.750	0.620	
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	
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 - 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				

TABLE 2
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 LIMIT		0.010	0.750	0.750	0.620	
MW - 7	12/05/05	Not Sampled Due to PSH in Well				
MW - 7	03/09/06	Not Sampled Due to PSH in Well				
MW - 7	06/08/06	Not Sampled Due to PSH in Well				
MW - 7	09/13/06	Not Sampled Due to PSH in Well				
MW - 7	11/29/06	Not Sampled Due to PSH in Well				
MW - 7	02/26/07	Not Sampled Due to PSH in Well				
MW - 7	05/21/07	Not Sampled Due to PSH in Well				
MW - 7	08/16/07	Not Sampled Due to PSH in Well				
MW - 7	11/07/07	0.6610	<0.01	<0.01	0.1300	
MW - 7	02/12/08	0.6570	<0.005	0.0881	0.1550	
MW - 7	05/15/08	0.6280	<0.0100	0.0702	0.0965	
MW - 7	08/19/08	0.7030	<0.00500	0.0736	0.1060	
MW - 7	11/13/08	0.6080	<0.00500	0.0865	0.1620	
MW - 7	02/11/09	0.7050	0.0065	0.0789	0.1220	
MW - 7	05/13/09	0.6410	<0.005	0.1210	0.1740	
MW - 7	08/11/09	0.7500	<0.005	0.0904	0.1480	
MW - 7	11/23/09	0.6590	<0.005	0.0578	0.0881	
MW - 7	02/10/10	0.5410	<0.005	0.0614	0.0955	
MW - 7	05/25/10	Not Sampled Due to PSH in Well				
MW - 7	08/12/10	Not Sampled Due to PSH in Well				
MW - 7	11/17/10	Not Sampled Due to PSH in Well				
MW - 7	02/22/11	Not Sampled Due to PSH in Well				
MW - 7	05/17/11	Not Sampled Due to PSH in Well				
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 - 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

TABLE 2
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 REGULARY LIMIT		0.010	0.750	0.750	0.620		
MW - 8	11/25/03	<0.001	<0.001	<0.001	<0.002	<0.001	
MW - 8	02/10/04	<0.001	<0.001	<0.001	<0.002	<0.001	
MW - 8	12/01/04	<0.001	<0.001	<0.001	<0.001		
MW - 8	03/10/05	Not Sampled on Current Sample Schedule					
MW - 8	06/11/05	Not Sampled on Current Sample Schedule					
MW - 8	09/09/05	Not Sampled on Current Sample Schedule					
MW - 8	12/05/05	<0.001	<0.001	<0.001	<0.001		
MW - 8	03/09/06	Not Sampled on Current Sample Schedule					
MW - 8	06/08/06	Not Sampled on Current Sample Schedule					
MW - 8	09/13/06	Not Sampled on Current Sample Schedule					
MW - 8	11/29/06	<0.001	<0.001	<0.001	<0.001		
MW - 8	02/26/07	Not Sampled on Current Sample Schedule					
MW - 8	05/21/07	Not Sampled on Current Sample Schedule					
MW - 8	08/16/07	Not Sampled on Current Sample Schedule					
MW - 8	11/07/07	<0.001	<0.001	<0.001	<0.001		
MW - 8	02/12/08	Not Sampled on Current Sample Schedule					
MW - 8	05/15/08	Not Sampled on Current Sample Schedule					
MW - 8	08/19/08	Not Sampled on Current Sample Schedule					
MW - 8	11/13/08	<0.001	0.0017	<0.001	<0.001		
MW - 8	02/11/09	Not Sampled on Current Sample Schedule					
MW - 8	05/13/09	Not Sampled on Current Sample Schedule					
MW - 8	08/11/09	Not Sampled on Current Sample Schedule					
MW - 8	11/23/09	<0.001	<0.001	<0.001	<0.001		
MW - 8	02/10/10	Not Sampled on Current Sample Schedule					
MW - 8	05/25/10	Not Sampled on Current Sample Schedule					
MW - 8	08/12/10	Not Sampled on Current Sample Schedule					
MW - 8	11/17/10	<0.001	<0.001	<0.001	<0.001		
MW - 8	02/22/11	Not Sampled on Current Sample Schedule					
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		

TABLE 2
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 REGULARY LIMIT		0.010	0.750	0.750	0.620	
MW - 9	06/07/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 9	09/27/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 9	12/04/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 9	02/25/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 9	05/22/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 9	08/27/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 9	11/25/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 9	02/10/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 9	12/01/04	<0.001	<0.001	<0.001	<0.001	
MW - 9	03/10/05	Not Sampled on Current Sample Schedule				
MW - 9	06/11/05	Not Sampled on Current Sample Schedule				
MW - 9	09/09/05	Not Sampled on Current Sample Schedule				
MW - 9	12/05/05	<0.001	<0.001	<0.001	<0.001	
MW - 9	03/09/06	Not Sampled on Current Sample Schedule				
MW - 9	06/08/06	Not Sampled on Current Sample Schedule				
MW - 9	09/13/06	Not Sampled on Current Sample Schedule				
MW - 9	11/29/06	<0.001	<0.001	<0.001	<0.001	
MW - 9	02/26/07	Not Sampled on Current Sample Schedule				
MW - 9	05/21/07	Not Sampled on Current Sample Schedule				
MW - 9	08/16/07	Not Sampled on Current Sample Schedule				
MW - 9	11/07/07	<0.001	<0.001	<0.001	<0.001	
MW - 9	02/12/08	Not Sampled on Current Sample Schedule				
MW - 9	05/15/08	Not Sampled on Current Sample Schedule				
MW - 9	08/19/08	Not Sampled on Current Sample Schedule				
MW - 9	11/13/08	<0.001	<0.001	<0.001	<0.001	
MW - 9	02/11/09	Not Sampled on Current Sample Schedule				
MW - 9	05/13/09	Not Sampled on Current Sample Schedule				
MW - 9	08/11/09	Not Sampled on Current Sample Schedule				
MW - 9	11/23/09	<0.001	<0.001	<0.001	<0.001	
MW - 9	02/10/10	Not Sampled on Current Sample Schedule				
MW - 9	05/25/10	Not Sampled on Current Sample Schedule				
MW - 9	08/12/10	Not Sampled on Current Sample Schedule				
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				

TABLE 2
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 REGULARY LIMIT		0.010	0.750	0.750	0.620	
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 - 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	

TABLE 2
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 REGULARY LIMIT		0.010	0.750	0.750	0.620	
MW - 10	08/09/12	0.2410	<0.050	<0.050	<0.050	
MW - 10	11/20/12	0.259	<0.01	<0.01	<0.01	
MW - 10	02/12/13	0.266	<0.02	<0.02	<0.02	
MW - 10	05/15/13	0.273	<0.0500	<0.0500	<0.0500	
MW - 10	08/07/13	0.320	<0.00100	<0.00100	0.0228	
MW - 10	11/26/13	0.308	<0.00100	0.0041	0.0111	
MW - 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	

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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 LIMIT		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 - 12	06/07/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	09/27/02	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 12	12/04/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	02/25/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	05/22/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	08/27/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	11/25/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 12	02/10/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 12	12/02/04	<0.001	<0.001	<0.001	0.0082	
MW - 12	03/10/05	Not Sampled on Current Sample Schedule				
MW - 12	06/11/05	Not Sampled on Current Sample Schedule				
MW - 12	09/09/05	Not Sampled on Current Sample Schedule				
MW - 12	12/05/05	<0.001	<0.001	<0.001	<0.001	
MW - 12	03/09/06	Not Sampled on Current Sample Schedule				
MW - 12	06/08/06	Not Sampled on Current Sample Schedule				
MW - 12	09/13/06	Not Sampled on Current Sample Schedule				
MW - 12	11/29/06	<0.001	<0.001	<0.001	<0.001	
MW - 12	02/26/07	Not Sampled on Current Sample Schedule				
MW - 12	05/21/07	Not Sampled on Current Sample Schedule				
MW - 12	08/16/07	Not Sampled on Current Sample Schedule				
MW - 12	11/07/07	0.0052	<0.001	<0.001	0.0138	
MW - 12	02/12/08	Not Sampled on Current Sample Schedule				
MW - 12	05/15/08	Not Sampled on Current Sample Schedule				
MW - 12	08/18/08	Not Sampled on Current Sample Schedule				
MW - 12	11/13/08	<0.001	<0.001	<0.001	0.0148	
MW - 12	02/11/09	Not Sampled on Current Sample Schedule				
MW - 12	05/13/09	Not Sampled on Current Sample Schedule				

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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 REGULARY LIMIT		0.010	0.750	0.750	0.620	
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-13	06/07/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW-13	09/27/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW-13	12/04/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW-13	02/25/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW-13	05/22/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW-13	08/27/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW-13	11/25/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW-13	02/10/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW-13	12/01/04	<0.005	<0.005	<0.005	<0.005	
MW-13	03/10/05	Not Sampled on Current Sample Schedule				
MW-13	06/11/05	Not Sampled on Current Sample Schedule				
MW-13	09/09/05	Not Sampled on Current Sample Schedule				
MW-13	09/13/05	Plugged and Abandoned				
MW - 14	06/07/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 14	09/27/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 14	12/04/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 14	02/25/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 14	05/22/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 14	08/27/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 14	11/25/03	<0.001	<0.001	<0.001	<0.002	<0.001

TABLE 2
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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
NMOCD REGULARY LIMIT		0.010	0.750	0.750	0.620	
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				
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 - 15	06/07/02	0.0020	0.0010	0.0020	<0.001	<0.001

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PLAINS MARKETING, L.P.
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LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030					
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE	
NMOCD REGULATORY LIMIT		0.010	0.750	0.750	0.620		
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		
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		

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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 LIMIT		0.010	0.750	0.750	0.620	
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 - 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				
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				

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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 REGULARY LIMIT		0.010	0.750	0.750	0.620	
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 - 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
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	

TABLE 2
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 REGULARY LIMIT		0.010	0.750	0.750	0.620	
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 - 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	

TABLE 2
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 LIMIT		0.010	0.750	0.750	0.620	
MW - 18	08/16/07	3.7000	<0.02	2.5100	0.3500	
MW - 18	11/07/07	3.3600	<0.01	2.2400	0.3590	
MW - 18	02/12/08	3.5700	<0.02	2.2800	0.3890	
MW - 18	05/15/08	3.2400	<0.02	2.0900	0.2720	
MW - 18	08/19/08	3.5800	<0.02	2.2300	0.5030	
MW - 18	11/13/08	2.9400	<0.02	1.9400	0.3830	
MW - 18	02/11/09	3.6800	<0.02	2.2200	0.4200	
MW - 18	05/13/09	3.4500	<0.02	2.3300	0.6370	
MW - 18	08/11/09	4.1600	<0.02	2.9800	0.7570	
MW - 18	11/23/09	2.6200	<0.02	1.7000	0.2590	
MW - 18	02/10/10	3.0600	<0.02	2.0200	0.5560	
MW - 18	05/25/10	2.7300	<0.02	1.4800	0.2630	
MW - 18	08/12/10	3.0700	<0.0500	1.7300	0.5300	
MW - 18	11/17/10	2.0900	<0.0500	1.3300	0.5130	
MW - 18	02/22/11	3.5100	0.3630	2.5000	1.4200	
MW - 18	05/17/11	3.2500	<0.0500	2.0000	1.0500	
MW - 18	08/11/11	3.4500	<0.0500	2.2100	0.7970	
MW - 18	11/09/11	2.6600	<0.0500	1.4900	0.2410	
MW - 18	03/01/12	3.1400	<0.0500	2.1000	1.3300	
MW - 18	05/23/12	3.2200	<0.0500	2.4200	0.2190	
MW - 18	08/09/12	0.0380	<0.001	0.0235	0.0043	
MW - 18	11/20/12	3.18	<0.01	2.280	0.234	
MW - 18	02/12/13	2.42	<0.0100	1.620	0.170	
MW - 18	05/15/13	2.48	<0.0500	1.60	0.173	
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 - 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				

TABLE 2
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 LIMIT		0.010	0.750	0.750	0.620		
MW - 20	06/07/02	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 20	09/27/02	0.0020	<0.001	<0.001	<0.001	<0.001	
MW - 20	12/04/02	<0.001	<0.001	0.0020	<0.001	<0.001	
MW - 20	02/26/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 20	05/22/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 20	08/27/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 20	11/25/03	<0.001	<0.001	<0.001	<0.002	<0.001	
MW - 20	02/10/04	<0.001	<0.001	<0.001	<0.002	<0.001	
MW - 20	12/02/04	0.0097	<0.005	<0.005	<0.005		
MW - 20	03/10/05	Not Sampled on Current Sample Schedule					
MW - 20	06/11/05	Not Sampled on Current Sample Schedule					
MW - 20	09/09/05	Not Sampled on Current Sample Schedule					
MW - 20	12/05/05	<0.001	<0.001	0.0167	<0.001		
MW - 20	03/09/06	Not Sampled on Current Sample Schedule					
MW - 20	06/08/06	Not Sampled on Current Sample Schedule					
MW - 20	09/13/06	Not Sampled on Current Sample Schedule					
MW - 20	11/29/06	0.0029	<0.001	0.0138	<0.001		
MW - 20	02/26/07	Not Sampled on Current Sample Schedule					
MW - 20	05/21/07	Not Sampled on Current Sample Schedule					
MW - 20	08/16/07	Not Sampled on Current Sample Schedule					
MW - 20	11/07/07	<0.005	<0.005	<0.005	<0.005		
MW - 20	02/12/08	Not Sampled on Current Sample Schedule					
MW - 20	05/15/08	Not Sampled on Current Sample Schedule					
MW - 20	08/19/08	Not Sampled on Current Sample Schedule					
MW - 20	11/13/08	<0.001	<0.001	0.0042	<0.001		
MW - 20	02/11/09	Not Sampled on Current Sample Schedule					
MW - 20	05/13/09	Not Sampled on Current Sample Schedule					
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					

TABLE 2
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 LIMIT		0.010	0.750	0.750	0.620	
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 - 21	06/07/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 21	09/27/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 21	12/04/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 21	02/26/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 21	05/22/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 21	08/27/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 21	11/25/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 21	02/10/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 21	12/01/04	<0.005	<0.005	<0.005	<0.005	
MW - 21	03/10/05	Not Sampled on Current Sample Schedule				
MW - 21	06/11/05	Not Sampled on Current Sample Schedule				
MW - 21	09/09/05	Not Sampled on Current Sample Schedule				
MW - 21	12/05/05	<0.001	<0.001	<0.001	<0.001	
MW - 21	03/09/06	Not Sampled on Current Sample Schedule				
MW - 21	06/08/06	Not Sampled on Current Sample Schedule				
MW - 21	09/13/06	Not Sampled on Current Sample Schedule				
MW - 21	11/29/06	<0.001	<0.001	<0.001	<0.001	
MW - 21	02/26/07	Not Sampled on Current Sample Schedule				
MW - 21	05/21/07	Not Sampled on Current Sample Schedule				
MW - 21	08/16/07	Not Sampled on Current Sample Schedule				
MW - 21	11/07/07	<0.001	<0.001	<0.001	<0.001	
MW - 21	02/12/08	Not Sampled on Current Sample Schedule				
MW - 21	05/15/08	Not Sampled on Current Sample Schedule				
MW - 21	08/19/08	Not Sampled on Current Sample Schedule				
MW - 21	11/13/08	<0.001	<0.001	<0.001	<0.001	
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	

TABLE 2
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 LIMIT		0.010	0.750	0.750	0.620	
MW - 21	02/22/11	Not Sampled on Current Sample Schedule				
MW - 21	05/17/11	Not Sampled on Current Sample Schedule				
MW - 21	08/11/11	Not Sampled on Current Sample Schedule				
MW - 21	11/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 21	03/01/12	Not Sampled on Current Sample Schedule				
MW - 21	05/23/12	Not Sampled on Current Sample Schedule				
MW - 21	08/09/12	Not Sampled on Current Sample Schedule				
MW - 21	11/20/12	<0.001	<0.001	<0.001	<0.001	
MW - 21	02/12/13	Not Sampled on Current Sample Schedule				
MW - 21	05/15/13	Not Sampled on Current Sample Schedule				
MW - 21	08/07/13	Not Sampled on Current Sample Schedule				
MW - 21	11/26/13	<0.001	<0.001	<0.001	<0.00300	
MW - 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				

TABLE 2
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 LIMIT		0.010	0.750	0.750	0.620	
MW - 22	08/11/09	Not Sampled on Current Sample Schedule				
MW - 22	11/23/09	<0.001	<0.001	<0.001	<0.001	
MW - 22	02/10/10	Not Sampled on Current Sample Schedule				
MW - 22	05/25/10	Not Sampled on Current Sample Schedule				
MW - 22	08/12/10	Not Sampled on Current Sample Schedule				
MW - 22	11/17/10	<0.001	<0.001	<0.001	<0.001	
MW - 22	02/22/11	Not Sampled on Current Sample Schedule				
MW - 22	05/17/11	Not Sampled on Current Sample Schedule				
MW - 22	08/11/11	Not Sampled on Current Sample Schedule				
MW - 22	11/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 22	03/01/12	Not Sampled on Current Sample Schedule				
MW - 22	05/23/12	Not Sampled on Current Sample Schedule				
MW - 22	08/09/12	Not Sampled on Current Sample Schedule				
MW - 22	11/20/12	<0.001	<0.001	<0.001	<0.001	
MW - 22	02/12/13	Not Sampled on Current Sample Schedule				
MW - 22	05/15/13	Not Sampled on Current Sample Schedule				
MW - 22	08/07/13	Not Sampled on Current Sample Schedule				
MW - 22	11/26/13	<0.001	<0.001	<0.001	<0.00300	
MW - 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
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 REGULARY LIMIT		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 - 24	06/07/02	2.9400	0.0160	0.8530	0.3590	0.1760
MW - 24	09/27/02	5.7900	0.7420	1.3100	0.3110	0.1630
MW - 24	12/05/02	3.2600	0.4140	1.2200	0.2380	0.1220
MW - 24	02/26/03	3.1400	0.5400	0.9880	0.2280	0.1540
MW - 24	05/22/03	2.6000	0.3800	0.9260	0.2090	0.1400
MW - 24	08/27/03	2.6500	0.0950	0.8180	0.1320	0.0610
MW - 24	11/25/03	2.8300	0.0470	0.9960	0.1480	0.0360
MW - 24	02/10/04	1.5000	0.0300	0.4310	0.0770	0.0180
MW - 24	05/10/04	2.5100	0.0432	0.7140	0.1130	0.0272
MW - 24	08/25/04	0.5380	0.0038	0.1090	0.0800	0.0041
MW - 24	12/01/04	1.3000	<0.020	0.1960	0.0383	
MW - 24	03/10/05	1.8700	<0.1	0.2210	0.1160	
MW - 24	06/11/05	1.9000	<0.01	0.1090	0.0791	

TABLE 2
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 LIMIT		0.010	0.750	0.750	0.620	
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 - 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

TABLE 2
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 LIMIT		0.010	0.750	0.750	0.620	
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	
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	

TABLE 2
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 LIMIT		0.010	0.750	0.750	0.620	
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 - 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	
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	

TABLE 2
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 REGULARY LIMIT		0.010	0.750	0.750	0.620	
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 - 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	
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	

TABLE 2
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 LIMIT		0.010	0.750	0.750	0.620	
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 - 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
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				

TABLE 2
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 REGULARY LIMIT		0.010	0.750	0.750	0.620	
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				
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-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

TABLE 2
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 LIMIT		0.010	0.750	0.750	0.620		
MW - 30	12/04/02	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 30	02/26/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 30	05/22/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 30	08/27/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 30	11/25/03	<0.001	<0.001	<0.001	<0.002	<0.001	
MW - 30	02/10/04	<0.001	<0.001	<0.001	<0.002	<0.001	
MW - 30	12/01/04	<0.001	<0.001	<0.001	<0.001		
MW - 30	03/10/05	Not Sampled on Current Sample Schedule					
MW - 30	06/11/05	<0.001	<0.001	<0.001	<0.001		
MW - 30	09/09/05	Not Sampled on Current Sample Schedule					
MW - 30	12/05/05	<0.001	<0.001	<0.001	<0.001		
MW - 30	03/09/06	Not Sampled on Current Sample Schedule					
MW - 30	06/08/06	<0.001	<0.001	<0.001	<0.001		
MW - 30	09/13/06	Not Sampled on Current Sample Schedule					
MW - 30	11/29/06	<0.001	<0.001	<0.001	<0.001		
MW - 30	02/26/07	Not Sampled on Current Sample Schedule					
MW - 30	05/21/07	<0.001	<0.001	<0.001	<0.001		
MW - 30	08/16/07	Not Sampled on Current Sample Schedule					
MW - 30	11/07/07	<0.001	<0.001	<0.001	<0.001		
MW - 30	02/12/08	Not Sampled on Current Sample Schedule					
MW - 30	05/15/08	<0.001	<0.001	<0.001	<0.001		
MW - 30	08/18/08	Not Sampled on Current Sample Schedule					
MW - 30	11/13/08	<0.001	<0.001	<0.001	<0.001		
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					

TABLE 2
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 LIMIT		0.010	0.750	0.750	0.620	
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	
RW - 1	12/02/04	2.2100	0.6180	0.5560	0.4870	
RW - 1	03/10/05	2.2300	0.9230	0.8040	0.6250	
RW - 1	06/11/05	Not Sampled Due to PSH in Well				
RW - 1	09/09/05	Not Sampled Due to PSH in Well				
RW - 1	12/05/05	Not Sampled Due to PSH in Well				
RW - 1	03/09/06	Not Sampled Due to PSH in Well				
RW - 1	06/08/06	Not Sampled Due to PSH in Well				
RW - 1	09/13/06	Not Sampled Due to PSH in Well				
RW - 1	11/29/06	Not Sampled Due to PSH in Well				
RW - 1	02/26/07	1.4000	0.2060	0.8690	0.4360	
RW - 1	05/21/07	1.0400	0.2480	0.5380	0.2800	
RW - 1	08/16/07	1.5100	0.4450	0.9140	0.4230	
RW - 1	11/07/07	1.5900	0.6790	0.8360	0.5260	
RW - 1	02/12/08	0.6850	0.1090	0.2520	0.1480	
RW - 1	05/15/08	1.5000	0.3900	0.7840	0.4090	
RW - 1	08/19/08	1.3700	0.3630	0.5260	0.2870	
RW - 1	11/13/08	1.3300	0.4410	0.6060	0.3410	
RW - 1	02/11/09	1.3200	0.2820	0.5390	0.2700	
RW - 1	05/13/09	1.3700	0.3600	0.5970	0.3730	
RW - 1	08/11/09	1.8700	0.4860	0.7490	0.4420	
RW - 1	11/23/09	1.2700	0.3550	0.5160	0.2300	
RW - 1	02/10/10	1.3900	0.2780	0.5440	0.2920	
RW - 1	05/25/10	1.4500	0.2650	0.5110	0.2720	
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	

TABLE 2
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 LIMIT		0.010	0.750	0.750	0.620	
RW - 1	11/26/13	0.219	0.0024	0.0238	0.0244	
RW - 2	12/02/04	1.1400	<0.200	0.3540	0.3700	
RW - 2	03/10/05	1.0800	<0.05	0.4160	0.3660	
RW - 2	06/11/05	Not Sampled Due to PSH in Well				
RW - 2	09/09/05	Not Sampled Due to PSH in Well				
RW - 2	12/05/05	Not Sampled Due to PSH in Well				
RW - 2	03/09/06	Not Sampled Due to PSH in Well				
RW - 2	06/08/06	Not Sampled Due to PSH in Well				
RW - 2	09/13/06	Not Sampled Due to PSH in Well				
RW - 2	11/29/06	0.7600	<0.005	0.0609	0.2030	
RW - 2	02/26/07	0.9370	<0.01	0.6000	0.3520	
RW - 2	05/21/07	1.0000	<0.01	0.6040	0.4780	
RW - 2	08/16/07	1.0600	<0.01	0.4980	0.3080	
RW - 2	11/07/07	1.8000	<0.01	0.8540	0.6360	
RW - 2	02/12/08	0.6260	0.0147	0.2600	0.1680	
RW - 2	05/15/08	1.2400	<0.0100	0.5540	0.3610	
RW - 2	08/19/08	1.3000	<0.0100	0.4660	0.2860	
RW - 2	11/13/08	1.0500	<0.0100	0.4600	0.2980	
RW - 2	02/11/09	1.1100	<0.0100	0.4950	0.3040	
RW - 2	05/13/09	1.0400	<0.0100	0.5140	0.3970	
RW - 2	08/11/09	1.2700	<0.0100	0.6210	0.4260	
RW - 2	11/23/09	0.9010	<0.0100	0.3580	0.1570	
RW - 2	02/10/10	0.9460	<0.0100	0.4560	0.2680	
RW - 2	05/25/10	0.9600	<0.0100	0.3750	0.2200	
RW - 2	08/12/10	0.5140	<0.100	0.3980	0.2580	
RW - 2	11/17/10	1.0000	<0.100	0.5390	<0.100	
RW - 2	02/22/11	1.4900	<0.100	1.0400	1.9900	
RW - 2	05/17/11	1.7000	<0.100	<0.100	<0.100	
RW - 2	08/11/11	1.4400	<0.100	<0.100	<0.100	
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	

Summary Report

Camille Bryant
Nova Safety & Environmental
2057 Commerce St.
Midland, TX 79703

Report Date: February 15, 2013

Work Order: 13021301



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

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
320868	MW-6	water	2013-02-12	15:51	2013-02-13
320869	MW-2	water	2013-02-12	15:56	2013-02-13
320870	MW-10	water	2013-02-12	14:36	2013-02-13
320871	MW-23	water	2013-02-12	12:44	2013-02-13
320872	RW-1	water	2013-02-12	15:32	2013-02-13
320873	RW-2	water	2013-02-12	15:28	2013-02-13
320874	MW-3	water	2013-02-12	14:30	2013-02-13
320875	MW-25	water	2013-02-12	13:03	2013-02-13
320876	MW-5	water	2013-02-12	14:59	2013-02-13
320877	MW-4	water	2013-02-12	14:08	2013-02-13
320878	MW-17	water	2013-02-12	13:37	2013-02-13
320879	MW-18	water	2013-02-12	14:10	2013-02-13
320880	MW-24	water	2013-02-12	13:17	2013-02-13

Sample - Field Code	BTEX			
	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)
320868 - MW-6	0.127	<0.00500 ¹	0.0159	<0.00500
320869 - MW-2	0.0744	<0.0100 ²	<0.0100	<0.0100
320870 - MW-10	0.266	<0.0200 ³	<0.0200	<0.0200
320871 - MW-23	0.338	<0.0100 ⁴	<0.0100	<0.0100
320872 - RW-1	0.254	<0.00500 ⁵	0.0470	<0.00500

continued ...

¹Dilution due to surfactant.

²Dilution due to surfactant.

³Dilution due to surfactant.

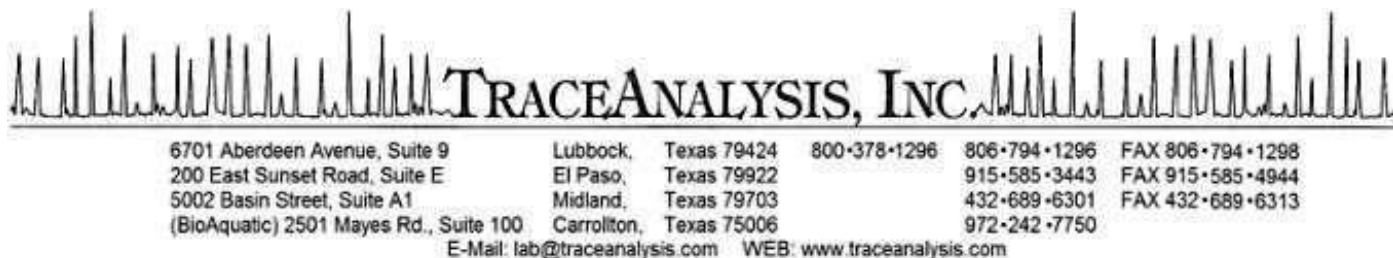
⁴Dilution due to surfactant.

⁵Dilution due to surfactant.

... continued

Sample - Field Code	BTEX			
	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)
320873 - RW-2	0.132	<0.00500 ⁶	<0.00500	<0.00500
320874 - MW-3	0.568	<0.00500 ⁷	0.0421	0.0548
320875 - MW-25	0.674	<0.0100 ⁸	<0.0100	<0.0100
320876 - MW-5	0.963	<0.00500 ⁹	0.566	0.475
320877 - MW-4	0.670	<0.00500 ¹⁰	0.0434	0.108
320878 - MW-17	2.12	<0.0100 ¹¹	1.39	0.311
320879 - MW-18	2.42	<0.0100 ¹²	1.62	0.170
320880 - MW-24	3.66	<0.0100 ¹³	0.462	0.159

⁶Dilution due to surfactant.⁷Dilution due to surfactant.⁸Dilution due to surfactant.⁹Dilution due to surfactant.¹⁰Dilution due to surfactant.¹¹Dilution due to surfactant. pH >2 per client.¹²Dilution due to surfactant.¹³Dilution due to surfactant. pH >2 per client.



Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

Camille Bryant
 Nova Safety & Environmental
 2057 Commerce St.
 Midland, TX, 79703

Report Date: February 15, 2013

Work Order: 13021301



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
320868	MW-6	water	2013-02-12	15:51	2013-02-13
320869	MW-2	water	2013-02-12	15:56	2013-02-13
320870	MW-10	water	2013-02-12	14:36	2013-02-13
320871	MW-23	water	2013-02-12	12:44	2013-02-13
320872	RW-1	water	2013-02-12	15:32	2013-02-13
320873	RW-2	water	2013-02-12	15:28	2013-02-13
320874	MW-3	water	2013-02-12	14:30	2013-02-13
320875	MW-25	water	2013-02-12	13:03	2013-02-13
320876	MW-5	water	2013-02-12	14:59	2013-02-13
320877	MW-4	water	2013-02-12	14:08	2013-02-13
320878	MW-17	water	2013-02-12	13:37	2013-02-13
320879	MW-18	water	2013-02-12	14:10	2013-02-13
320880	MW-24	water	2013-02-12	13:17	2013-02-13

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 19 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 2013-02-13 and assigned to work order 13021301. Samples for work order 13021301 were received intact without headspace and at a temperature of 3.9 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	83810	2013-02-13 at 12:00	98927	2013-02-13 at 12:00
BTEX	S 8021B	83832	2013-02-14 at 12:00	98953	2013-02-14 at 12:00

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 13021301 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 15, 2013
TNM 97-18

Work Order: 13021301
9718

Page Number: 5 of 19
Eunice, NM

Analytical Report

Sample: 320868 - MW-6

Laboratory: Midland
Analysis: BTEX
QC Batch: 98927
Prep Batch: 83810

Analytical Method: S 8021B
Date Analyzed: 2013-02-13
Sample Preparation: 2013-02-13

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

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.127	mg/L	5	0.00100
Toluene	1	U	<0.00500	mg/L	5	0.00100
Ethylbenzene		1	0.0159	mg/L	5	0.00100
Xylene	U	1	<0.00500	mg/L	5	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	Qsr	Qsr	0.612	mg/L	5	0.500	122	75.7 - 109
4-Bromofluorobenzene (4-BFB)			0.509	mg/L	5	0.500	102	68.1 - 109

Sample: 320869 - MW-2

Laboratory: Midland
Analysis: BTEX
QC Batch: 98927
Prep Batch: 83810

Analytical Method: S 8021B
Date Analyzed: 2013-02-13
Sample Preparation: 2013-02-13

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

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.0744	mg/L	10	0.00100
Toluene	2	U	<0.0100	mg/L	10	0.00100
Ethylbenzene		1	<0.0100	mg/L	10	0.00100
Xylene	U	1	<0.0100	mg/L	10	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	Qsr	Qsr	1.11	mg/L	10	1.00	111	75.7 - 109
4-Bromofluorobenzene (4-BFB)			1.00	mg/L	10	1.00	100	68.1 - 109

Report Date: February 15, 2013
TNM 97-18

Work Order: 13021301
9718

Page Number: 6 of 19
Eunice, NM

Sample: 320870 - MW-10

Laboratory: Midland

Analysis: BTEX

QC Batch: 98927

Prep Batch: 83810

Analytical Method: S 8021B

Date Analyzed: 2013-02-13

Sample Preparation: 2013-02-13

Prep Method: S 5030B

Analyzed By: YG

Prepared By: YG

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.266	mg/L	20	0.00100
Toluene	³ U	1	<0.0200	mg/L	20	0.00100
Ethylbenzene	U	1	<0.0200	mg/L	20	0.00100
Xylene	U	1	<0.0200	mg/L	20	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	Qsr	Qsr	2.25	mg/L	20	2.00	112	75.7 - 109
4-Bromofluorobenzene (4-BFB)			1.92	mg/L	20	2.00	96	68.1 - 109

Sample: 320871 - MW-23

Laboratory: Midland

Analysis: BTEX

QC Batch: 98927

Prep Batch: 83810

Analytical Method: S 8021B

Date Analyzed: 2013-02-13

Sample Preparation: 2013-02-13

Prep Method: S 5030B

Analyzed By: YG

Prepared By: YG

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.338	mg/L	10	0.00100
Toluene	⁴ U	1	<0.0100	mg/L	10	0.00100
Ethylbenzene	U	1	<0.0100	mg/L	10	0.00100
Xylene	U	1	<0.0100	mg/L	10	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	Qsr	Qsr	1.13	mg/L	10	1.00	113	75.7 - 109
4-Bromofluorobenzene (4-BFB)			0.950	mg/L	10	1.00	95	68.1 - 109

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Eunice, NM

Sample: 320872 - RW-1

Laboratory: Midland

Analysis: BTEX

QC Batch: 98927

Prep Batch: 83810

Analytical Method: S 8021B

Date Analyzed: 2013-02-13

Sample Preparation: 2013-02-13

Prep Method: S 5030B

Analyzed By: YG

Prepared By: YG

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.254	mg/L	5	0.00100
Toluene	5	1	<0.00500	mg/L	5	0.00100
Ethylbenzene		1	0.0470	mg/L	5	0.00100
Xylene	U	1	<0.00500	mg/L	5	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	Qsr	Qsr	0.619	mg/L	5	0.500	124	75.7 - 109
4-Bromofluorobenzene (4-BFB)			0.503	mg/L	5	0.500	101	68.1 - 109

Sample: 320873 - RW-2

Laboratory: Midland

Analysis: BTEX

QC Batch: 98927

Prep Batch: 83810

Analytical Method: S 8021B

Date Analyzed: 2013-02-13

Sample Preparation: 2013-02-13

Prep Method: S 5030B

Analyzed By: YG

Prepared By: YG

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.132	mg/L	5	0.00100
Toluene	6	1	<0.00500	mg/L	5	0.00100
Ethylbenzene	U	1	<0.00500	mg/L	5	0.00100
Xylene	U	1	<0.00500	mg/L	5	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	Qsr	Qsr	0.601	mg/L	5	0.500	120	75.7 - 109
4-Bromofluorobenzene (4-BFB)			0.490	mg/L	5	0.500	98	68.1 - 109

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Eunice, NM

Sample: 320874 - MW-3

Laboratory: Midland

Analysis: BTEX

QC Batch: 98953

Prep Batch: 83832

Analytical Method: S 8021B

Date Analyzed: 2013-02-14

Sample Preparation: 2013-02-14

Prep Method: S 5030B

Analyzed By: YG

Prepared By: YG

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.568	mg/L	5	0.00100
Toluene	7	1	<0.00500	mg/L	5	0.00100
Ethylbenzene		1	0.0421	mg/L	5	0.00100
Xylene		1	0.0548	mg/L	5	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	Qsr	Qsr	0.570	mg/L	5	0.500	114	75.7 - 109
4-Bromofluorobenzene (4-BFB)			0.513	mg/L	5	0.500	103	68.1 - 109

Sample: 320875 - MW-25

Laboratory: Midland

Analysis: BTEX

QC Batch: 98953

Prep Batch: 83832

Analytical Method: S 8021B

Date Analyzed: 2013-02-14

Sample Preparation: 2013-02-14

Prep Method: S 5030B

Analyzed By: YG

Prepared By: YG

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.674	mg/L	10	0.00100
Toluene	8	1	<0.0100	mg/L	10	0.00100
Ethylbenzene		1	<0.0100	mg/L	10	0.00100
Xylene		1	<0.0100	mg/L	10	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	Qsr	Qsr	1.15	mg/L	10	1.00	115	75.7 - 109
4-Bromofluorobenzene (4-BFB)			0.985	mg/L	10	1.00	98	68.1 - 109

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Sample: 320876 - MW-5

Laboratory: Midland

Analysis: BTEX

QC Batch: 98953

Prep Batch: 83832

Analytical Method: S 8021B

Date Analyzed: 2013-02-14

Sample Preparation: 2013-02-14

Prep Method: S 5030B

Analyzed By: YG

Prepared By: YG

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.963	mg/L	5	0.00100
Toluene	9	1	<0.00500	mg/L	5	0.00100
Ethylbenzene		1	0.566	mg/L	5	0.00100
Xylene		1	0.475	mg/L	5	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	Qsr	Qsr	0.585	mg/L	5	0.500	117	75.7 - 109
4-Bromofluorobenzene (4-BFB)	Qsr	Qsr	0.552	mg/L	5	0.500	110	68.1 - 109

Sample: 320877 - MW-4

Laboratory: Midland

Analysis: BTEX

QC Batch: 98953

Prep Batch: 83832

Analytical Method: S 8021B

Date Analyzed: 2013-02-14

Sample Preparation: 2013-02-14

Prep Method: S 5030B

Analyzed By: YG

Prepared By: YG

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.670	mg/L	5	0.00100
Toluene	10	1	<0.00500	mg/L	5	0.00100
Ethylbenzene		1	0.0434	mg/L	5	0.00100
Xylene		1	0.108	mg/L	5	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	Qsr	Qsr	0.577	mg/L	5	0.500	115	75.7 - 109
4-Bromofluorobenzene (4-BFB)			0.527	mg/L	5	0.500	105	68.1 - 109

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Sample: 320878 - MW-17

Laboratory: Midland

Analysis: BTEX

QC Batch: 98953

Prep Batch: 83832

Analytical Method: S 8021B

Date Analyzed: 2013-02-14

Sample Preparation: 2013-02-14

Prep Method: S 5030B

Analyzed By: YG

Prepared By: YG

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	2.12	mg/L	10	0.00100
Toluene	11	1	<0.0100	mg/L	10	0.00100
Ethylbenzene		1	1.39	mg/L	10	0.00100
Xylene		1	0.311	mg/L	10	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	Qsr	Qsr	1.12	mg/L	10	1.00	112	75.7 - 109
4-Bromofluorobenzene (4-BFB)			1.06	mg/L	10	1.00	106	68.1 - 109

Sample: 320879 - MW-18

Laboratory: Midland

Analysis: BTEX

QC Batch: 98953

Prep Batch: 83832

Analytical Method: S 8021B

Date Analyzed: 2013-02-14

Sample Preparation: 2013-02-14

Prep Method: S 5030B

Analyzed By: YG

Prepared By: YG

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	2.42	mg/L	10	0.00100
Toluene	12	1	<0.0100	mg/L	10	0.00100
Ethylbenzene		1	1.62	mg/L	10	0.00100
Xylene		1	0.170	mg/L	10	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	Qsr	Qsr	1.13	mg/L	10	1.00	113	75.7 - 109
4-Bromofluorobenzene (4-BFB)			1.05	mg/L	10	1.00	105	68.1 - 109

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Sample: 320880 - MW-24

Laboratory: Midland

Analysis: BTEX

QC Batch: 98953

Prep Batch: 83832

Analytical Method: S 8021B

Date Analyzed: 2013-02-14

Sample Preparation: 2013-02-14

Prep Method: S 5030B

Analyzed By: YG

Prepared By: YG

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	13 U	1	3.66	mg/L	10	0.00100
Toluene		1	<0.0100	mg/L	10	0.00100
Ethylbenzene		1	0.462	mg/L	10	0.00100
Xylene		1	0.159	mg/L	10	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	Qsr	Qsr	1.21	mg/L	10	1.00	121	75.7 - 109
4-Bromofluorobenzene (4-BFB)			1.02	mg/L	10	1.00	102	68.1 - 109

Method Blanks

Method Blank (1) QC Batch: 98927

QC Batch: 98927 Date Analyzed: 2013-02-13 Analyzed By: YG
Prep Batch: 83810 QC Preparation: 2013-02-13 Prepared By: YG

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1	<0.000200	mg/L	0.001
Toluene		1	<0.000300	mg/L	0.001
Ethylbenzene		1	<0.000400	mg/L	0.001
Xylene		1	<0.00120	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	Q _{sr}	Q _{sr}	0.116	mg/L	1	0.100	116	75.7 - 109
4-Bromofluorobenzene (4-BFB)			0.0975	mg/L	1	0.100	98	68.1 - 109

Method Blank (1) QC Batch: 98953

QC Batch: 98953 Date Analyzed: 2013-02-14 Analyzed By: YG
Prep Batch: 83832 QC Preparation: 2013-02-14 Prepared By: YG

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1	<0.000200	mg/L	0.001
Toluene		1	<0.000300	mg/L	0.001
Ethylbenzene		1	<0.000400	mg/L	0.001
Xylene		1	<0.00120	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	Q _{sr}	Q _{sr}	0.114	mg/L	1	0.100	114	75.7 - 109
4-Bromofluorobenzene (4-BFB)			0.0972	mg/L	1	0.100	97	68.1 - 109

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 98927
Prep Batch: 83810

Date Analyzed: 2013-02-13
QC Preparation: 2013-02-13

Analyzed By: YG
Prepared By: YG

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.0800	mg/L	1	0.100	<0.000200	80	80 - 120
Toluene		1	0.0810	mg/L	1	0.100	<0.000300	81	80 - 120
Ethylbenzene		1	0.0850	mg/L	1	0.100	<0.000400	85	70.6 - 120
Xylene		1	0.264	mg/L	1	0.300	<0.00120	88	79.2 - 120

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	0.0810	mg/L	1	0.100	<0.000200	81	80 - 120	1	20
Toluene		1	0.0809	mg/L	1	0.100	<0.000300	81	80 - 120	0	20
Ethylbenzene		1	0.0850	mg/L	1	0.100	<0.000400	85	70.6 - 120	0	20
Xylene		1	0.264	mg/L	1	0.300	<0.00120	88	79.2 - 120	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)	Q _{sr}	Q _{sr}	0.118	0.118	mg/L	1	0.100	118	118	75.7 - 109
4-Bromofluorobenzene (4-BFB)			0.100	0.100	mg/L	1	0.100	100	100	68.1 - 109

Laboratory Control Spike (LCS-1)

QC Batch: 98953
Prep Batch: 83832

Date Analyzed: 2013-02-14
QC Preparation: 2013-02-14

Analyzed By: YG
Prepared By: YG

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.103	mg/L	1	0.100	<0.000200	103	80 - 120
Toluene		1	0.105	mg/L	1	0.100	<0.000300	105	80 - 120
Ethylbenzene		1	0.112	mg/L	1	0.100	<0.000400	112	70.6 - 120
Xylene		1	0.346	mg/L	1	0.300	<0.00120	115	79.2 - 120

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 Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.106	mg/L	1	0.100	<0.000200	106	80 - 120	3	20
Toluene		1	0.108	mg/L	1	0.100	<0.000300	108	80 - 120	3	20
Ethylbenzene		1	0.114	mg/L	1	0.100	<0.000400	114	70.6 - 120	2	20
Xylene		1	0.355	mg/L	1	0.300	<0.00120	118	79.2 - 120	3	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)	Q _{sr}	Q _{sr}	0.114	0.114	mg/L	1	0.100	114	114	75.7 - 109
4-Bromofluorobenzene (4-BFB)			0.0997	0.0994	mg/L	1	0.100	100	99	68.1 - 109

Matrix Spike (MS-1) Spiked Sample: 320776

QC Batch: 98927
Prep Batch: 83810

Date Analyzed: 2013-02-13
QC Preparation: 2013-02-13

Analyzed By: YG
Prepared By: YG

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.0958	mg/L	1	0.100	<0.000200	96	25.7 - 139
Toluene		1	0.0976	mg/L	1	0.100	<0.000300	98	32.7 - 134
Ethylbenzene		1	0.103	mg/L	1	0.100	<0.000400	103	45.9 - 120
Xylene		1	0.320	mg/L	1	0.300	<0.00120	107	34.9 - 128

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	0.107	mg/L	1	0.100	<0.000200	107	25.7 - 139	11	20
Toluene		1	0.109	mg/L	1	0.100	<0.000300	109	32.7 - 134	11	20
Ethylbenzene		1	0.114	mg/L	1	0.100	<0.000400	114	45.9 - 120	10	20
Xylene		1	0.353	mg/L	1	0.300	<0.00120	118	34.9 - 128	10	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)	Q _{sr}	Q _{sr}	0.117	0.118	mg/L	1	0.1	117	118	75.7 - 109
4-Bromofluorobenzene (4-BFB)			0.100	0.100	mg/L	1	0.1	100	100	68.1 - 109

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Matrix Spike (MS-1) Spiked Sample: 320779

QC Batch: 98953
Prep Batch: 83832

Date Analyzed: 2013-02-14
QC Preparation: 2013-02-14

Analyzed By: YG
Prepared By: YG

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.104	mg/L	1	0.100	<0.000200	104	25.7 - 139
Toluene		1	0.106	mg/L	1	0.100	<0.000300	106	32.7 - 134
Ethylbenzene		1	0.112	mg/L	1	0.100	<0.000400	112	45.9 - 120
Xylene		1	0.344	mg/L	1	0.300	<0.00120	115	34.9 - 128

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	0.106	mg/L	1	0.100	<0.000200	106	25.7 - 139	2	20
Toluene		1	0.108	mg/L	1	0.100	<0.000300	108	32.7 - 134	2	20
Ethylbenzene		1	0.114	mg/L	1	0.100	<0.000400	114	45.9 - 120	2	20
Xylene		1	0.349	mg/L	1	0.300	<0.00120	116	34.9 - 128	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)	Q _{sr}	Q _{sr}	0.115	0.116	mg/L	1	0.1	115	116	75.7 - 109
4-Bromofluorobenzene (4-BFB)			0.100	0.101	mg/L	1	0.1	100	101	68.1 - 109

Calibration Standards

Standard (CCV-1)

QC Batch: 98927

Date Analyzed: 2013-02-13

Analyzed By: YG

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	2013-02-13
Toluene		1	mg/L	0.100	0.104	104	80 - 120	2013-02-13
Ethylbenzene		1	mg/L	0.100	0.109	109	80 - 120	2013-02-13
Xylene		1	mg/L	0.300	0.336	112	80 - 120	2013-02-13

Standard (CCV-2)

QC Batch: 98927

Date Analyzed: 2013-02-13

Analyzed By: YG

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	2013-02-13
Toluene		1	mg/L	0.100	0.103	103	80 - 120	2013-02-13
Ethylbenzene		1	mg/L	0.100	0.107	107	80 - 120	2013-02-13
Xylene		1	mg/L	0.300	0.332	111	80 - 120	2013-02-13

Standard (CCV-3)

QC Batch: 98927

Date Analyzed: 2013-02-13

Analyzed By: YG

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0946	95	80 - 120	2013-02-13
Toluene		1	mg/L	0.100	0.0970	97	80 - 120	2013-02-13
Ethylbenzene		1	mg/L	0.100	0.101	101	80 - 120	2013-02-13
Xylene		1	mg/L	0.300	0.314	105	80 - 120	2013-02-13

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Standard (CCV-1)

QC Batch: 98953

Date Analyzed: 2013-02-14

Analyzed By: YG

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0993	99	80 - 120	2013-02-14
Toluene		1	mg/L	0.100	0.101	101	80 - 120	2013-02-14
Ethylbenzene		1	mg/L	0.100	0.106	106	80 - 120	2013-02-14
Xylene		1	mg/L	0.300	0.328	109	80 - 120	2013-02-14

Standard (CCV-2)

QC Batch: 98953

Date Analyzed: 2013-02-14

Analyzed By: YG

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.104	104	80 - 120	2013-02-14
Toluene		1	mg/L	0.100	0.104	104	80 - 120	2013-02-14
Ethylbenzene		1	mg/L	0.100	0.111	111	80 - 120	2013-02-14
Xylene		1	mg/L	0.300	0.344	115	80 - 120	2013-02-14

Standard (CCV-3)

QC Batch: 98953

Date Analyzed: 2013-02-14

Analyzed By: YG

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	2013-02-14
Toluene		1	mg/L	0.100	0.104	104	80 - 120	2013-02-14
Ethylbenzene		1	mg/L	0.100	0.108	108	80 - 120	2013-02-14
Xylene		1	mg/L	0.300	0.335	112	80 - 120	2013-02-14

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	T104704392-12-4	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

Result Comments

- 1 Dilution due to surfactant.
- 2 Dilution due to surfactant.
- 3 Dilution due to surfactant.
- 4 Dilution due to surfactant.
- 5 Dilution due to surfactant.
- 6 Dilution due to surfactant.
- 7 Dilution due to surfactant.
- 8 Dilution due to surfactant.
- 9 Dilution due to surfactant.
- 10 Dilution due to surfactant.
- 11 Dilution due to surfactant. pH >2 per client.
- 12 Dilution due to surfactant.
- 13 Dilution due to surfactant. pH >2 per client.

Attachments

The scanned attachments will follow this page.

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

TraceAnalysis, Inc.

email: lab@traceanalysis.com

6701 Aberdeen Avenue, Suite 9
Lubbock, Texas 79424
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Fax (915) 585-4944
1 (888) 588-3443

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

Company Name: NOVA
Address: (Street, City, Zip)
2057 Commerce Dr
Contact Person: Camille Bryant
Invoice to:
(If different from above)
Project #: TNM-97-18
Project Location (including state): NM

Project Name: 97-18
Sample Signature: [Signature]

Project Location (including state): NM

Project Name: 97-18
Sample Signature: [Signature]

Project Location (including state): NM

Project Name: 97-18
Sample Signature: [Signature]

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
32028	MW-6	3	0.085	X				X				X		2-12-03	1551
869	MW-2														1556
870	MW-10														1436
871	MW-23														1244
872	RW-1														1532
873	RW-2														1528
874	MW-3														1430
875	MW-25														1303
876	MW-5														1459
877	MW-4												X		1408
878	MW-17														1337

Relinquished by: [Signature]	Company: NOVA	Date: 12-13-03	Time: 0813	Received by: [Signature]	Company: [Signature]	Date: 2/13/03	Time: 8:13	INST: 39°	OBS: 39°	COR: 39°
Relinquished by: [Signature]	Company: [Signature]	Date: [Signature]	Time: [Signature]	Received by: [Signature]	Company: [Signature]	Date: [Signature]	Time: [Signature]	INST: [Signature]	OBS: [Signature]	COR: [Signature]
Relinquished by: [Signature]	Company: [Signature]	Date: [Signature]	Time: [Signature]	Received by: [Signature]	Company: [Signature]	Date: [Signature]	Time: [Signature]	INST: [Signature]	OBS: [Signature]	COR: [Signature]

LAB USE ONLY

REMARKS: Midland air

☐ 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 #

TraceAnalysis, Inc.

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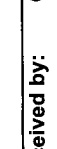
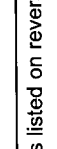
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BioAquatic Testing
2501 Mayes Rd., Ste 100
Carrollton, Texas 75006
Tel (972) 242-7750

Company Name:	Nov2	Phone #:	(432) 520-7720
Address:	(Street, City, Zip)	Fax #:	
	2057 commerce dr		
Contact Person:	camille Bryant	E-mail:	
Invoice to:			
(If different from above)			
Project #:	TNM-97-18	Project Name:	97-18
Project Location (including state):		Sample Signature:	

[illegible]

LAB USE ONLY			
Relinquished by:	Company:	Date:	Time:
	NOVA	12-13-13	0813
Received by:	Company:	Date:	Time:
		12/13/13	813
Relinquished by:	Company:	Date:	Time:
			
Received by:	Company:	Date:	Time:
			
Relinquished by:	Company:	Date:	Time:
			
Received by:	Company:	Date:	Time:
			

Initial Y / N

Headspace Y / N / NA

Log-In-Review

INST ☐

OBS ☐

COR ☐

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

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Summary Report

Camille Bryant
Nova Safety & Environmental
2057 Commerce St.
Midland, TX 79703

Report Date: May 24, 2013

Work Order: 13051604



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

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
329316	MW-26	water	2013-05-15	15:14	2013-05-16
329317	MW-27	water	2013-05-15	18:30	2013-05-16
329318	MW-30	water	2013-05-15	14:33	2013-05-16
329319	MW-20	water	2013-05-15	14:51	2013-05-16
329320	MW-2	water	2013-05-15	16:33	2013-05-16
329321	MW-6	water	2013-05-15	16:42	2013-05-16
329322	RW-2	water	2013-05-15	17:01	2013-05-16
329323	RW-1	water	2013-05-15	17:05	2013-05-16
329324	MW-10	water	2013-05-15	16:36	2013-05-16
329325	MW-23	water	2013-05-15	18:02	2013-05-16
329326	MW-3	water	2013-05-15	16:28	2013-05-16
329327	MW-4	water	2013-05-15	15:17	2013-05-16
329328	MW-5	water	2013-05-15	17:31	2013-05-16
329329	MW-17	water	2013-05-15	14:44	2013-05-16
329330	MW-18	water	2013-05-15	13:20	2013-05-16
329331	MW-24	water	2013-05-15	14:23	2013-05-16

Sample - Field Code	BTEX			
	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)
329316 - MW-26	<0.00500 ¹	<0.00500	<0.00500	<0.00500
329317 - MW-27	<0.00100	<0.00100	<0.00100	<0.00100
329318 - MW-30	<0.00100	<0.00100	<0.00100	<0.00100
329319 - MW-20	<0.00100	<0.00100	<0.00100	<0.00100
329320 - MW-2	0.193	<0.0500	<0.0500	<0.0500
329321 - MW-6	0.100	<0.0500	<0.0500	<0.0500

*continued ...*¹Dilution due to surfactants.

... continued

Sample - Field Code	BTEX			
	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)
329322 - RW-2	0.179	<0.0500	<0.0500	<0.0500
329323 - RW-1	0.599	<0.0500	0.0768	0.0610
329324 - MW-10	0.273	<0.0500	<0.0500	<0.0500
329325 - MW-23	0.00440	<0.00100	<0.00100	<0.00100
329326 - MW-3	0.490	<0.0500	<0.0500	<0.0500
329327 - MW-4	0.894	<0.0500	0.0583	0.148
329328 - MW-5	1.01	<0.0500	0.407	0.166
329329 - MW-17	2.27	<0.0500	1.42	0.301
329330 - MW-18	2.48	<0.0500	1.60	0.173
329331 - MW-24	4.00	<0.0500	0.502	0.152



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972-242-7750
E-Mail: lab@traceanalysis.com WEB: www.traceanalysis.com

Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

Camille Bryant
Nova Safety & Environmental
2057 Commerce St.
Midland, TX, 79703

Report Date: May 24, 2013

Work Order: 13051603



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	Time	Date
			Taken	Taken	Received
329315	MW-25	water	2013-05-15	16:11	2013-05-16

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 10 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

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

Report Contents

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Case Narrative

Samples for project 9718 were received by TraceAnalysis, Inc. on 2013-05-16 and assigned to work order 13051603. Samples for work order 13051603 were received intact without headspace and at a temperature of 4.0 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	86168	2013-05-23 at 14:40	101696	2013-05-23 at 14:40

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 13051603 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: 329315 - MW-25

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 101696
Prep Batch: 86168

Analytical Method: S 8021B
Date Analyzed: 2013-05-23
Sample Preparation: 2013-05-23

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

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.204	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		1	0.00460	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.104	mg/L	1	0.100	104	80 - 120
4-Bromofluorobenzene (4-BFB)			0.112	mg/L	1	0.100	112	80 - 120

Method Blanks

Method Blank (1) QC Batch: 101696

QC Batch: 101696
Prep Batch: 86168

Date Analyzed: 2013-05-23
QC Preparation: 2013-05-23

Analyzed By: JS
Prepared By: JS

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1	<0.000567	mg/L	0.001
Toluene		1	<0.000518	mg/L	0.001
Ethylbenzene		1	<0.000518	mg/L	0.001
Xylene		1	<0.000548	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.104	mg/L	1	0.100	104	80 - 120
4-Bromofluorobenzene (4-BFB)			0.114	mg/L	1	0.100	114	80 - 120

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 101696
Prep Batch: 86168

Date Analyzed: 2013-05-23
QC Preparation: 2013-05-23

Analyzed By: JS
Prepared By: JS

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.108	mg/L	1	0.100	<0.000567	108	80 - 120
Toluene		1	0.111	mg/L	1	0.100	<0.000518	111	80 - 120
Ethylbenzene		1	0.114	mg/L	1	0.100	<0.000518	114	80 - 120
Xylene		1	0.332	mg/L	1	0.300	<0.000548	111	80 - 120

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	0.106	mg/L	1	0.100	<0.000567	106	80 - 120	2	20
Toluene		1	0.108	mg/L	1	0.100	<0.000518	108	80 - 120	3	20
Ethylbenzene		1	0.109	mg/L	1	0.100	<0.000518	109	80 - 120	4	20
Xylene		1	0.325	mg/L	1	0.300	<0.000548	108	80 - 120	2	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	0.102	mg/L	1	0.100	103	102	80 - 120
4-Bromofluorobenzene (4-BFB)	0.108	0.108	mg/L	1	0.100	108	108	80 - 120

Matrix Spike (MS-1) Spiked Sample: 328137

QC Batch: 101696
Prep Batch: 86168

Date Analyzed: 2013-05-23
QC Preparation: 2013-05-23

Analyzed By: JS
Prepared By: JS

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.109	mg/L	1	0.100	<0.000567	109	64.6 - 120
Toluene		1	0.112	mg/L	1	0.100	<0.000518	112	62.9 - 123
Ethylbenzene		1	0.109	mg/L	1	0.100	<0.000518	109	64.2 - 123
Xylene		1	0.324	mg/L	1	0.300	<0.000548	108	63.1 - 121

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	0.108	mg/L	1	0.100	<0.000567	108	64.6 - 120	1	20
Toluene		1	0.109	mg/L	1	0.100	<0.000518	109	62.9 - 123	3	20
Ethylbenzene		1	0.108	mg/L	1	0.100	<0.000518	108	64.2 - 123	1	20
Xylene		1	0.322	mg/L	1	0.300	<0.000548	107	63.1 - 121	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)	0.105	0.103	mg/L	1	0.1	105	103	80 - 120
4-Bromofluorobenzene (4-BFB)	0.111	0.108	mg/L	1	0.1	111	108	80 - 120

Calibration Standards

Standard (CCV-1)

QC Batch: 101696

Date Analyzed: 2013-05-23

Analyzed By: JS

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	2013-05-23
Toluene		1	mg/L	0.100	0.113	113	80 - 120	2013-05-23
Ethylbenzene		1	mg/L	0.100	0.113	113	80 - 120	2013-05-23
Xylene		1	mg/L	0.300	0.336	112	80 - 120	2013-05-23

Standard (CCV-2)

QC Batch: 101696

Date Analyzed: 2013-05-23

Analyzed By: JS

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.109	109	80 - 120	2013-05-23
Toluene		1	mg/L	0.100	0.110	110	80 - 120	2013-05-23
Ethylbenzene		1	mg/L	0.100	0.110	110	80 - 120	2013-05-23
Xylene		1	mg/L	0.300	0.328	109	80 - 120	2013-05-23

Standard (CCV-3)

QC Batch: 101696

Date Analyzed: 2013-05-23

Analyzed By: JS

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.109	109	80 - 120	2013-05-23
Toluene		1	mg/L	0.100	0.108	108	80 - 120	2013-05-23
Ethylbenzene		1	mg/L	0.100	0.108	108	80 - 120	2013-05-23
Xylene		1	mg/L	0.300	0.323	108	80 - 120	2013-05-23

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	T104704219-13-9	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.
U	The analyte is not detected above the SDL

Attachments

Report Date: May 24, 2013
TNM 97-18

Work Order: 13051603
9718

Page Number: 10 of 10
Eunice, NM

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

LAB Order ID #

TraceAnalysis, Inc.

email: lab@traceanalysis.com

6701 Aberdeen Avenue, Suite 9
Lubbock, Texas 79424
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Fax (806) 794-1298
1 (800) 378-1296

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

Company Name:	Nova	Phone #:	432 520 7720
Address:	(Street, City, Zip) 2057 Commerce Drive	Fax #:	
Contact Person:	Camille Bryant	E-mail:	
Invoice to:			
(If different from above)			
Project #:	TNM-97-18	Project Name:	4718
Project Location (including state):	new mexico	Sampler Signature:	

ANALYSIS REQUEST

(Circle or Specify Method No.)

[illegible]

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST	OBS	COR	LAB USE ONLY	REMARKS:
John Flores Nova	5/16/13	825			77A	5/16/13	8:25		4.1	4.0	LAB USE ONLY	Midland - all
Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST	OBS	COR	LAB USE ONLY	
Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST	OBS	COR	LAB USE ONLY	
Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST	OBS	COR	LAB USE ONLY	

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

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Summary Report

Camille Bryant
Nova Safety & Environmental
2057 Commerce St.
Midland, TX 79703

Report Date: May 24, 2013

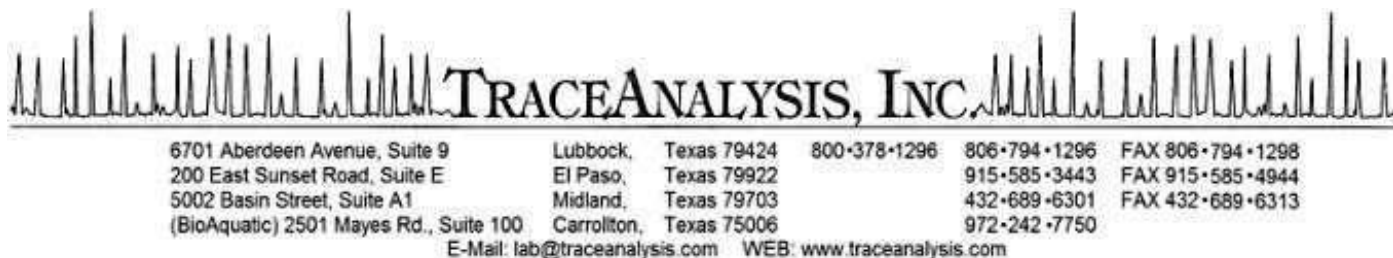
Work Order: 13051603



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

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
329315	MW-25	water	2013-05-15	16:11	2013-05-16

Sample - Field Code	BTEX			
	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)
329315 - MW-25	0.204	<0.00100	<0.00100	0.00460



Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

Camille Bryant
 Nova Safety & Environmental
 2057 Commerce St.
 Midland, TX, 79703

Report Date: May 24, 2013

Work Order: 13051604



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
329316	MW-26	water	2013-05-15	15:14	2013-05-16
329317	MW-27	water	2013-05-15	18:30	2013-05-16
329318	MW-30	water	2013-05-15	14:33	2013-05-16
329319	MW-20	water	2013-05-15	14:51	2013-05-16
329320	MW-2	water	2013-05-15	16:33	2013-05-16
329321	MW-6	water	2013-05-15	16:42	2013-05-16
329322	RW-2	water	2013-05-15	17:01	2013-05-16
329323	RW-1	water	2013-05-15	17:05	2013-05-16
329324	MW-10	water	2013-05-15	16:36	2013-05-16
329325	MW-23	water	2013-05-15	18:02	2013-05-16
329326	MW-3	water	2013-05-15	16:28	2013-05-16
329327	MW-4	water	2013-05-15	15:17	2013-05-16
329328	MW-5	water	2013-05-15	17:31	2013-05-16
329329	MW-17	water	2013-05-15	14:44	2013-05-16
329330	MW-18	water	2013-05-15	13:20	2013-05-16
329331	MW-24	water	2013-05-15	14:23	2013-05-16

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 18 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 2013-05-16 and assigned to work order 13051604. Samples for work order 13051604 were received intact without headspace and at a temperature of 4.0 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	86168	2013-05-23 at 14:40	101696	2013-05-23 at 14:40

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 13051604 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: 329316 - MW-26

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 101696
Prep Batch: 86168

Analytical Method: S 8021B
Date Analyzed: 2013-05-23
Sample Preparation: 2013-05-23

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

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.532	mg/L	5	0.500	106	80 - 120
4-Bromofluorobenzene (4-BFB)			0.576	mg/L	5	0.500	115	80 - 120

Sample: 329317 - MW-27

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 101696
Prep Batch: 86168

Analytical Method: S 8021B
Date Analyzed: 2013-05-23
Sample Preparation: 2013-05-23

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

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	<0.00100	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.110	mg/L	1	0.100	110	80 - 120
4-Bromofluorobenzene (4-BFB)			0.117	mg/L	1	0.100	117	80 - 120

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Eunice, NM

Sample: 329318 - MW-30

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 101696

Prep Batch: 86168

Analytical Method: S 8021B

Date Analyzed: 2013-05-23

Sample Preparation: 2013-05-23

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

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	<0.00100	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.104	mg/L	1	0.100	104	80 - 120
4-Bromofluorobenzene (4-BFB)			0.110	mg/L	1	0.100	110	80 - 120

Sample: 329319 - MW-20

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 101696

Prep Batch: 86168

Analytical Method: S 8021B

Date Analyzed: 2013-05-23

Sample Preparation: 2013-05-23

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

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	<0.00100	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.103	mg/L	1	0.100	103	80 - 120
4-Bromofluorobenzene (4-BFB)			0.111	mg/L	1	0.100	111	80 - 120

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Eunice, NM

Sample: 329320 - MW-2

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 101696

Prep Batch: 86168

Analytical Method: S 8021B

Date Analyzed: 2013-05-23

Sample Preparation: 2013-05-23

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.193	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	<0.0500	mg/L	50	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			5.27	mg/L	50	5.00	105	80 - 120
4-Bromofluorobenzene (4-BFB)			5.69	mg/L	50	5.00	114	80 - 120

Sample: 329321 - MW-6

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 101696

Prep Batch: 86168

Analytical Method: S 8021B

Date Analyzed: 2013-05-23

Sample Preparation: 2013-05-23

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.100	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	<0.0500	mg/L	50	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			5.24	mg/L	50	5.00	105	80 - 120
4-Bromofluorobenzene (4-BFB)			5.52	mg/L	50	5.00	110	80 - 120

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Eunice, NM

Sample: 329322 - RW-2

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 101696

Prep Batch: 86168

Analytical Method: S 8021B

Date Analyzed: 2013-05-23

Sample Preparation: 2013-05-23

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.179	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	<0.0500	mg/L	50	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			5.36	mg/L	50	5.00	107	80 - 120
4-Bromofluorobenzene (4-BFB)			5.70	mg/L	50	5.00	114	80 - 120

Sample: 329323 - RW-1

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 101696

Prep Batch: 86168

Analytical Method: S 8021B

Date Analyzed: 2013-05-23

Sample Preparation: 2013-05-23

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.599	mg/L	50	0.00100
Toluene	u	1	<0.0500	mg/L	50	0.00100
Ethylbenzene		1	0.0768	mg/L	50	0.00100
Xylene		1	0.0610	mg/L	50	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			5.28	mg/L	50	5.00	106	80 - 120
4-Bromofluorobenzene (4-BFB)			5.77	mg/L	50	5.00	115	80 - 120

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Eunice, NM

Sample: 329324 - MW-10

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 101696

Prep Batch: 86168

Analytical Method: S 8021B

Date Analyzed: 2013-05-23

Sample Preparation: 2013-05-23

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.273	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	<0.0500	mg/L	50	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			5.18	mg/L	50	5.00	104	80 - 120
4-Bromofluorobenzene (4-BFB)			5.52	mg/L	50	5.00	110	80 - 120

Sample: 329325 - MW-23

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 101696

Prep Batch: 86168

Analytical Method: S 8021B

Date Analyzed: 2013-05-23

Sample Preparation: 2013-05-23

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.00440	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	<0.00100	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.104	mg/L	1	0.100	104	80 - 120
4-Bromofluorobenzene (4-BFB)			0.111	mg/L	1	0.100	111	80 - 120

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Eunice, NM

Sample: 329326 - MW-3

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 101696

Prep Batch: 86168

Analytical Method: S 8021B

Date Analyzed: 2013-05-23

Sample Preparation: 2013-05-23

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.490	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	<0.0500	mg/L	50	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			5.21	mg/L	50	5.00	104	80 - 120
4-Bromofluorobenzene (4-BFB)			5.52	mg/L	50	5.00	110	80 - 120

Sample: 329327 - MW-4

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 101696

Prep Batch: 86168

Analytical Method: S 8021B

Date Analyzed: 2013-05-23

Sample Preparation: 2013-05-23

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.894	mg/L	50	0.00100
Toluene	u	1	<0.0500	mg/L	50	0.00100
Ethylbenzene		1	0.0583	mg/L	50	0.00100
Xylene		1	0.148	mg/L	50	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			5.32	mg/L	50	5.00	106	80 - 120
4-Bromofluorobenzene (4-BFB)			5.61	mg/L	50	5.00	112	80 - 120

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Eunice, NM

Sample: 329328 - MW-5

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 101696

Prep Batch: 86168

Analytical Method: S 8021B

Date Analyzed: 2013-05-23

Sample Preparation: 2013-05-23

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	1.01	mg/L	50	0.00100
Toluene	u	1	<0.0500	mg/L	50	0.00100
Ethylbenzene		1	0.407	mg/L	50	0.00100
Xylene		1	0.166	mg/L	50	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			5.30	mg/L	50	5.00	106	80 - 120
4-Bromofluorobenzene (4-BFB)			5.69	mg/L	50	5.00	114	80 - 120

Sample: 329329 - MW-17

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 101696

Prep Batch: 86168

Analytical Method: S 8021B

Date Analyzed: 2013-05-23

Sample Preparation: 2013-05-23

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	2.27	mg/L	50	0.00100
Toluene	u	1	<0.0500	mg/L	50	0.00100
Ethylbenzene		1	1.42	mg/L	50	0.00100
Xylene		1	0.301	mg/L	50	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			5.30	mg/L	50	5.00	106	80 - 120
4-Bromofluorobenzene (4-BFB)			5.73	mg/L	50	5.00	115	80 - 120

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Eunice, NM

Sample: 329330 - MW-18

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 101696

Prep Batch: 86168

Analytical Method: S 8021B

Date Analyzed: 2013-05-23

Sample Preparation: 2013-05-23

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	2.48	mg/L	50	0.00100
Toluene	u	1	<0.0500	mg/L	50	0.00100
Ethylbenzene		1	1.60	mg/L	50	0.00100
Xylene		1	0.173	mg/L	50	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			5.10	mg/L	50	5.00	102	80 - 120
4-Bromofluorobenzene (4-BFB)			5.60	mg/L	50	5.00	112	80 - 120

Sample: 329331 - MW-24

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 101696

Prep Batch: 86168

Analytical Method: S 8021B

Date Analyzed: 2013-05-23

Sample Preparation: 2013-05-23

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	4.00	mg/L	50	0.00100
Toluene	u	1	<0.0500	mg/L	50	0.00100
Ethylbenzene		1	0.502	mg/L	50	0.00100
Xylene		1	0.152	mg/L	50	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			5.16	mg/L	50	5.00	103	80 - 120
4-Bromofluorobenzene (4-BFB)			5.54	mg/L	50	5.00	111	80 - 120

Method Blanks

Method Blank (1) QC Batch: 101696

QC Batch: 101696
Prep Batch: 86168

Date Analyzed: 2013-05-23
QC Preparation: 2013-05-23

Analyzed By: JS
Prepared By: JS

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1	<0.000567	mg/L	0.001
Toluene		1	<0.000518	mg/L	0.001
Ethylbenzene		1	<0.000518	mg/L	0.001
Xylene		1	<0.000548	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.104	mg/L	1	0.100	104	80 - 120
4-Bromofluorobenzene (4-BFB)			0.114	mg/L	1	0.100	114	80 - 120

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 101696
Prep Batch: 86168

Date Analyzed: 2013-05-23
QC Preparation: 2013-05-23

Analyzed By: JS
Prepared By: JS

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.108	mg/L	1	0.100	<0.000567	108	80 - 120
Toluene		1	0.111	mg/L	1	0.100	<0.000518	111	80 - 120
Ethylbenzene		1	0.114	mg/L	1	0.100	<0.000518	114	80 - 120
Xylene		1	0.332	mg/L	1	0.300	<0.000548	111	80 - 120

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	0.106	mg/L	1	0.100	<0.000567	106	80 - 120	2	20
Toluene		1	0.108	mg/L	1	0.100	<0.000518	108	80 - 120	3	20
Ethylbenzene		1	0.109	mg/L	1	0.100	<0.000518	109	80 - 120	4	20
Xylene		1	0.325	mg/L	1	0.300	<0.000548	108	80 - 120	2	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	0.102	mg/L	1	0.100	103	102	80 - 120
4-Bromofluorobenzene (4-BFB)	0.108	0.108	mg/L	1	0.100	108	108	80 - 120

Matrix Spike (MS-1) Spiked Sample: 328137

QC Batch: 101696
Prep Batch: 86168

Date Analyzed: 2013-05-23
QC Preparation: 2013-05-23

Analyzed By: JS
Prepared By: JS

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.109	mg/L	1	0.100	<0.000567	109	64.6 - 120
Toluene		1	0.112	mg/L	1	0.100	<0.000518	112	62.9 - 123
Ethylbenzene		1	0.109	mg/L	1	0.100	<0.000518	109	64.2 - 123
Xylene		1	0.324	mg/L	1	0.300	<0.000548	108	63.1 - 121

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	0.108	mg/L	1	0.100	<0.000567	108	64.6 - 120	1	20
Toluene		1	0.109	mg/L	1	0.100	<0.000518	109	62.9 - 123	3	20
Ethylbenzene		1	0.108	mg/L	1	0.100	<0.000518	108	64.2 - 123	1	20
Xylene		1	0.322	mg/L	1	0.300	<0.000548	107	63.1 - 121	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)	0.105	0.103	mg/L	1	0.1	105	103	80 - 120
4-Bromofluorobenzene (4-BFB)	0.111	0.108	mg/L	1	0.1	111	108	80 - 120

Calibration Standards

Standard (CCV-1)

QC Batch: 101696

Date Analyzed: 2013-05-23

Analyzed By: JS

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	2013-05-23
Toluene		1	mg/L	0.100	0.113	113	80 - 120	2013-05-23
Ethylbenzene		1	mg/L	0.100	0.113	113	80 - 120	2013-05-23
Xylene		1	mg/L	0.300	0.336	112	80 - 120	2013-05-23

Standard (CCV-2)

QC Batch: 101696

Date Analyzed: 2013-05-23

Analyzed By: JS

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.109	109	80 - 120	2013-05-23
Toluene		1	mg/L	0.100	0.110	110	80 - 120	2013-05-23
Ethylbenzene		1	mg/L	0.100	0.110	110	80 - 120	2013-05-23
Xylene		1	mg/L	0.300	0.328	109	80 - 120	2013-05-23

Standard (CCV-3)

QC Batch: 101696

Date Analyzed: 2013-05-23

Analyzed By: JS

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.109	109	80 - 120	2013-05-23
Toluene		1	mg/L	0.100	0.108	108	80 - 120	2013-05-23
Ethylbenzene		1	mg/L	0.100	0.108	108	80 - 120	2013-05-23
Xylene		1	mg/L	0.300	0.323	108	80 - 120	2013-05-23

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	T104704219-13-9	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.
U	The analyte is not detected above the SDL

Result Comments

- 1 Dilution due to surfactants.

Attachments

The scanned attachments will follow this page.

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

TraceAnalysis, Inc.

email: lab@traceanalysis.com

6701 Aberdeen Avenue, Suite 9
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
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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

Company Name: Nova		Phone #: 432 520 7720	
Address: (Street, City, Zip) 2051 Commerce Drive		Fax #:	
Contact Person: Camille Bryant		E-mail:	
Invoice to: (If different from above)			
Project #: TNM-97-18		Project Name: 9718	
Project Location (including state): New Mexico		Sampler Signature: [Signature]	

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
329316	MW-26	3	10A	X				X					5/15/13	1514
317	MW-27	1											1830	
318	MW-30	1											1433	
319	MW-20	1											1451	
320	MW-2	1											1633	
321	MW-6	1											1642	
322	RW-2	1											1701	
323	RW-1	1											1705	
324	MW-10	1											1636	
325	MW-23	1											1802	
326	MW-3	1											1628	

Relinquished by: John Flores	Company: Nova	Date: 5/16/13	Time: 825	Received by: [Signature]	Company: TA	Date: 5/16/13	Time: 8:25	INST OBS COR	LAB USE ONLY	REMARKS: Midland - all
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		

Turn Around Time if different from standard	Na, Ca, Mg, K, TDS, EC	Moisture Content	Cl, F, SO ₄ , NO ₃ -N, NO ₂ -N, PO ₄ -P, Alkalinity	BOD, TSS, pH	Pesticides 8081 / 608	PCB's 8082 / 608	GC/MS Semi. Vol. 8270 / 625	GC/MS Vol. 8260 / 624	RCL	TCLP Pesticides	TCLP Semi Volatiles	TCLP Volatiles	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TPH 418.1 / TX1005 / TX1005 Ex(C35)	TPH 8015 GRO / DRO / TVHC	PAH 8270 / 625	MTBE 8021 / 602 / 8260 / 624	BTEX 8021 / 602 / 8260 / 624
---	------------------------	------------------	---	--------------	-----------------------	------------------	-----------------------------	-----------------------	-----	-----------------	---------------------	----------------	-------------------------------------	-------------------------------------	---------------------------	----------------	------------------------------	------------------------------

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

ORIGINAL COPY

Carrier # [Signature]

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

TraceAnalysis, Inc.

email: lab@traceanalysis.com

6701 Aberdeen Avenue, Suite 9
Lubbock, Texas 79424
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2501 Mayes Rd., Ste 100
Carrollton, Texas 75006
Tel (972) 242-7750

[illegible]

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

ORIGINAL COPY

Carrier #

Summary Report

Camille Bryant
Nova Safety & Environmental
2057 Commerce St.
Midland, TX 79703

Report Date: August 20, 2013

Work Order: 13080806



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

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
337941	MW-23	water	2013-08-07	11:15	2013-08-08
337942	MW-6	water	2013-08-07	11:37	2013-08-08
337943	RW-2	water	2013-08-07	12:10	2013-08-08
337944	MW-2	water	2013-08-07	12:25	2013-08-08
337945	MW-10	water	2013-08-07	12:46	2013-08-08
337946	MW-3	water	2013-08-07	13:03	2013-08-08
337947	RW-1	water	2013-08-07	13:15	2013-08-08
337948	MW-4	water	2013-08-07	13:23	2013-08-08
337949	MW-5	water	2013-08-07	13:30	2013-08-08
337950	MW-17	water	2013-08-07	13:40	2013-08-08
337951	MW-18	water	2013-08-07	13:55	2013-08-08
337952	MW-24	water	2013-08-07	14:11	2013-08-08

Sample - Field Code	BTEX			
	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)
337941 - MW-23	0.00450	<0.00100	<0.00100	<0.00100
337942 - MW-6	0.119	<0.00100	0.00470	0.0152
337943 - RW-2	0.836 ¹	<0.0100	0.283	0.0835
337944 - MW-2	0.112	<0.00100	0.00680	0.0174
337945 - MW-10	0.320	<0.00100	<0.00100	0.0228
337946 - MW-3	0.771	<0.00500	0.0425	0.0620
337947 - RW-1	0.246	<0.00500	0.0298	<0.00500
337948 - MW-4	0.792 ²	<0.00500	0.0360	0.109
337949 - MW-5	1.14 ³	<0.00500	0.450	0.164

continued ...

¹pH > 2.0.

²pH > 2.0.

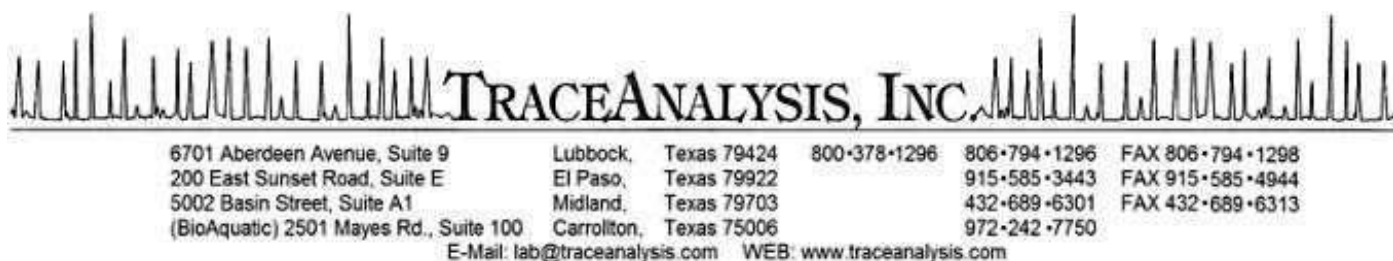
³pH > 2.0.

... continued

Sample - Field Code	BTEX			
	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)
337950 - MW-17	1.98 ⁴	<0.00500	0.940	0.254
337951 - MW-18	1.80	<0.00500	0.891	0.0965
337952 - MW-24	0.393 ⁵	<0.0200	0.0487	0.0362

⁴pH>2.

⁵pH > 2.0.



Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

Camille Bryant
 Nova Safety & Environmental
 2057 Commerce St.
 Midland, TX, 79703

Report Date: August 20, 2013

Work Order: 13080806



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
337941	MW-23	water	2013-08-07	11:15	2013-08-08
337942	MW-6	water	2013-08-07	11:37	2013-08-08
337943	RW-2	water	2013-08-07	12:10	2013-08-08
337944	MW-2	water	2013-08-07	12:25	2013-08-08
337945	MW-10	water	2013-08-07	12:46	2013-08-08
337946	MW-3	water	2013-08-07	13:03	2013-08-08
337947	RW-1	water	2013-08-07	13:15	2013-08-08
337948	MW-4	water	2013-08-07	13:23	2013-08-08
337949	MW-5	water	2013-08-07	13:30	2013-08-08
337950	MW-17	water	2013-08-07	13:40	2013-08-08
337951	MW-18	water	2013-08-07	13:55	2013-08-08
337952	MW-24	water	2013-08-07	14:11	2013-08-08

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 18 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 style with a large, stylized 'M' and 'A'.

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 2013-08-08 and assigned to work order 13080806. Samples for work order 13080806 were received intact without headspace and at a temperature of 4.4 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	88240	2013-08-16 at 17:00	104140	2013-08-19 at 09:47
BTEX	S 8021B	88281	2013-08-19 at 09:30	104189	2013-08-20 at 08:38

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 13080806 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: August 20, 2013
TNM 97-18

Work Order: 13080806
9718

Page Number: 5 of 18
Eunice, NM

Analytical Report

Sample: 337941 - MW-23

Laboratory: Midland
Analysis: BTEX
QC Batch: 104140
Prep Batch: 88240

Analytical Method: S 8021B
Date Analyzed: 2013-08-19
Sample Preparation: 2013-08-16

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

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.00450	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	<0.00100	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0918	mg/L	1	0.100	92	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0888	mg/L	1	0.100	89	70 - 130

Sample: 337942 - MW-6

Laboratory: Midland
Analysis: BTEX
QC Batch: 104140
Prep Batch: 88240

Analytical Method: S 8021B
Date Analyzed: 2013-08-19
Sample Preparation: 2013-08-16

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

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.119	mg/L	1	0.00100
Toluene	u	1	<0.00100	mg/L	1	0.00100
Ethylbenzene		1	0.00470	mg/L	1	0.00100
Xylene		1	0.0152	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0878	mg/L	1	0.100	88	70 - 130
4-Bromofluorobenzene (4-BFB)			0.108	mg/L	1	0.100	108	70 - 130

Report Date: August 20, 2013
TNM 97-18

Work Order: 13080806
9718

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Eunice, NM

Sample: 337943 - RW-2

Laboratory: Midland

Analysis: BTEX

QC Batch: 104189

Prep Batch: 88281

Analytical Method: S 8021B

Date Analyzed: 2013-08-20

Sample Preparation: 2013-08-19

Prep Method: S 5030B

Analyzed By: KC

Prepared By: KC

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	1	1	0.836	mg/L	10	0.00100
Toluene	u	1	<0.0100	mg/L	10	0.00100
Ethylbenzene		1	0.283	mg/L	10	0.00100
Xylene		1	0.0835	mg/L	10	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.942	mg/L	10	1.00	94	70 - 130
4-Bromofluorobenzene (4-BFB)			0.989	mg/L	10	1.00	99	70 - 130

Sample: 337944 - MW-2

Laboratory: Midland

Analysis: BTEX

QC Batch: 104140

Prep Batch: 88240

Analytical Method: S 8021B

Date Analyzed: 2013-08-19

Sample Preparation: 2013-08-16

Prep Method: S 5030B

Analyzed By: KC

Prepared By: KC

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.112	mg/L	1	0.00100
Toluene	u	1	<0.00100	mg/L	1	0.00100
Ethylbenzene		1	0.00680	mg/L	1	0.00100
Xylene		1	0.0174	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0988	mg/L	1	0.100	99	70 - 130
4-Bromofluorobenzene (4-BFB)			0.103	mg/L	1	0.100	103	70 - 130

Report Date: August 20, 2013
TNM 97-18

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9718

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Eunice, NM

Sample: 337945 - MW-10

Laboratory: Midland

Analysis: BTEX

QC Batch: 104140

Prep Batch: 88240

Analytical Method: S 8021B

Date Analyzed: 2013-08-19

Sample Preparation: 2013-08-16

Prep Method: S 5030B

Analyzed By: KC

Prepared By: KC

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.320	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		1	0.0228	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0965	mg/L	1	0.100	96	70 - 130
4-Bromofluorobenzene (4-BFB)			0.109	mg/L	1	0.100	109	70 - 130

Sample: 337946 - MW-3

Laboratory: Midland

Analysis: BTEX

QC Batch: 104189

Prep Batch: 88281

Analytical Method: S 8021B

Date Analyzed: 2013-08-20

Sample Preparation: 2013-08-19

Prep Method: S 5030B

Analyzed By: KC

Prepared By: KC

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.771	mg/L	5	0.00100
Toluene	u	1	<0.00500	mg/L	5	0.00100
Ethylbenzene		1	0.0425	mg/L	5	0.00100
Xylene		1	0.0620	mg/L	5	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.486	mg/L	5	0.500	97	70 - 130
4-Bromofluorobenzene (4-BFB)			0.508	mg/L	5	0.500	102	70 - 130

Report Date: August 20, 2013
TNM 97-18

Work Order: 13080806
9718

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Eunice, NM

Sample: 337947 - RW-1

Laboratory: Midland

Analysis: BTEX

QC Batch: 104140

Prep Batch: 88240

Analytical Method: S 8021B

Date Analyzed: 2013-08-19

Sample Preparation: 2013-08-16

Prep Method: S 5030B

Analyzed By: KC

Prepared By: KC

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.246	mg/L	5	0.00100
Toluene	U	1	<0.00500	mg/L	5	0.00100
Ethylbenzene		1	0.0298	mg/L	5	0.00100
Xylene	U	1	<0.00500	mg/L	5	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.452	mg/L	5	0.500	90	70 - 130
4-Bromofluorobenzene (4-BFB)			0.462	mg/L	5	0.500	92	70 - 130

Sample: 337948 - MW-4

Laboratory: Midland

Analysis: BTEX

QC Batch: 104189

Prep Batch: 88281

Analytical Method: S 8021B

Date Analyzed: 2013-08-20

Sample Preparation: 2013-08-19

Prep Method: S 5030B

Analyzed By: KC

Prepared By: KC

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	2	1	0.792	mg/L	5	0.00100
Toluene	U	1	<0.00500	mg/L	5	0.00100
Ethylbenzene		1	0.0360	mg/L	5	0.00100
Xylene		1	0.109	mg/L	5	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.421	mg/L	5	0.500	84	70 - 130
4-Bromofluorobenzene (4-BFB)			0.496	mg/L	5	0.500	99	70 - 130

Report Date: August 20, 2013
TNM 97-18

Work Order: 13080806
9718

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Eunice, NM

Sample: 337949 - MW-5

Laboratory: Midland

Analysis: BTEX

QC Batch: 104189

Prep Batch: 88281

Analytical Method: S 8021B

Date Analyzed: 2013-08-20

Sample Preparation: 2013-08-19

Prep Method: S 5030B

Analyzed By: KC

Prepared By: KC

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	3	1	1.14	mg/L	5	0.00100
Toluene	u	1	<0.00500	mg/L	5	0.00100
Ethylbenzene		1	0.450	mg/L	5	0.00100
Xylene		1	0.164	mg/L	5	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.539	mg/L	5	0.500	108	70 - 130
4-Bromofluorobenzene (4-BFB)			0.520	mg/L	5	0.500	104	70 - 130

Sample: 337950 - MW-17

Laboratory: Midland

Analysis: BTEX

QC Batch: 104140

Prep Batch: 88240

Analytical Method: S 8021B

Date Analyzed: 2013-08-19

Sample Preparation: 2013-08-16

Prep Method: S 5030B

Analyzed By: KC

Prepared By: KC

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	4	1	1.98	mg/L	5	0.00100
Toluene	u	1	<0.00500	mg/L	5	0.00100
Ethylbenzene		1	0.940	mg/L	5	0.00100
Xylene		1	0.254	mg/L	5	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.566	mg/L	5	0.500	113	70 - 130
4-Bromofluorobenzene (4-BFB)			0.574	mg/L	5	0.500	115	70 - 130

Report Date: August 20, 2013
TNM 97-18

Work Order: 13080806
9718

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Eunice, NM

Sample: 337951 - MW-18

Laboratory: Midland

Analysis: BTEX

QC Batch: 104140

Prep Batch: 88240

Analytical Method: S 8021B

Date Analyzed: 2013-08-19

Sample Preparation: 2013-08-16

Prep Method: S 5030B

Analyzed By: KC

Prepared By: KC

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	1.80	mg/L	5	0.00100
Toluene	u	1	<0.00500	mg/L	5	0.00100
Ethylbenzene		1	0.891	mg/L	5	0.00100
Xylene		1	0.0965	mg/L	5	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.482	mg/L	5	0.500	96	70 - 130
4-Bromofluorobenzene (4-BFB)			0.489	mg/L	5	0.500	98	70 - 130

Sample: 337952 - MW-24

Laboratory: Midland

Analysis: BTEX

QC Batch: 104189

Prep Batch: 88281

Analytical Method: S 8021B

Date Analyzed: 2013-08-20

Sample Preparation: 2013-08-19

Prep Method: S 5030B

Analyzed By: KC

Prepared By: KC

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	5	1	0.393	mg/L	20	0.00100
Toluene	u	1	<0.0200	mg/L	20	0.00100
Ethylbenzene		1	0.0487	mg/L	20	0.00100
Xylene		1	0.0362	mg/L	20	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			1.85	mg/L	20	2.00	92	70 - 130
4-Bromofluorobenzene (4-BFB)			1.88	mg/L	20	2.00	94	70 - 130

Method Blanks

Method Blank (1) QC Batch: 104140

QC Batch: 104140
Prep Batch: 88240

Date Analyzed: 2013-08-19
QC Preparation: 2013-08-16

Analyzed By: KC
Prepared By: KC

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1	<0.000200	mg/L	0.001
Toluene		1	<0.000300	mg/L	0.001
Ethylbenzene		1	<0.000400	mg/L	0.001
Xylene		1	<0.00120	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0946	mg/L	1	0.100	95	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0902	mg/L	1	0.100	90	70 - 130

Method Blank (1) QC Batch: 104189

QC Batch: 104189
Prep Batch: 88281

Date Analyzed: 2013-08-20
QC Preparation: 2013-08-19

Analyzed By: KC
Prepared By: KC

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1	<0.000200	mg/L	0.001
Toluene		1	<0.000300	mg/L	0.001
Ethylbenzene		1	<0.000400	mg/L	0.001
Xylene		1	<0.00120	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0974	mg/L	1	0.100	97	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0947	mg/L	1	0.100	95	70 - 130

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 104140
Prep Batch: 88240

Date Analyzed: 2013-08-19
QC Preparation: 2013-08-16

Analyzed By: KC
Prepared By: KC

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.0877	mg/L	1	0.100	<0.000200	88	70 - 130
Toluene		1	0.0855	mg/L	1	0.100	<0.000300	86	70 - 130
Ethylbenzene		1	0.0792	mg/L	1	0.100	<0.000400	79	70 - 130
Xylene		1	0.239	mg/L	1	0.300	<0.00120	80	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	0.0885	mg/L	1	0.100	<0.000200	88	70 - 130	1	20
Toluene		1	0.0865	mg/L	1	0.100	<0.000300	86	70 - 130	1	20
Ethylbenzene		1	0.0813	mg/L	1	0.100	<0.000400	81	70 - 130	3	20
Xylene		1	0.244	mg/L	1	0.300	<0.00120	81	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	LCS Result	Units	Dil.	Spike Amount	LCS Rec.	LCS Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0938	0.0925	mg/L	1	0.100	94	92	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0948	0.0948	mg/L	1	0.100	95	95	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 104189
Prep Batch: 88281

Date Analyzed: 2013-08-20
QC Preparation: 2013-08-19

Analyzed By: KC
Prepared By: KC

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.106	mg/L	1	0.100	<0.000200	106	70 - 130
Toluene		1	0.104	mg/L	1	0.100	<0.000300	104	70 - 130
Ethylbenzene		1	0.101	mg/L	1	0.100	<0.000400	101	70 - 130
Xylene		1	0.302	mg/L	1	0.300	<0.00120	101	70 - 130

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

Report Date: August 20, 2013
TNM 97-18

Work Order: 13080806
9718

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Eunice, NM

Param	F	C	LCSD		Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
			Result	Units							
Benzene		1	0.108	mg/L	1	0.100	<0.000200	108	70 - 130	2	20
Toluene		1	0.107	mg/L	1	0.100	<0.000300	107	70 - 130	3	20
Ethylbenzene		1	0.103	mg/L	1	0.100	<0.000400	103	70 - 130	2	20
Xylene		1	0.306	mg/L	1	0.300	<0.00120	102	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)	0.0939	0.0971	mg/L	1	0.100	94	97	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0983	0.0997	mg/L	1	0.100	98	100	70 - 130

Matrix Spike (MS-1) Spiked Sample: 337941

QC Batch: 104140
Prep Batch: 88240

Date Analyzed: 2013-08-19
QC Preparation: 2013-08-16

Analyzed By: KC
Prepared By: KC

Param	F	C	MS		Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
			Result	Units					
Benzene		1	0.109	mg/L	1	0.100	<0.000200	109	70 - 130
Toluene		1	0.0989	mg/L	1	0.100	<0.000300	99	70 - 130
Ethylbenzene		1	0.0903	mg/L	1	0.100	<0.000400	90	70 - 130
Xylene		1	0.268	mg/L	1	0.300	<0.00120	89	70 - 130

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

Param	F	C	MSD		Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
			Result	Units							
Benzene		1	0.112	mg/L	1	0.100	<0.000200	112	70 - 130	3	20
Toluene		1	0.102	mg/L	1	0.100	<0.000300	102	70 - 130	3	20
Ethylbenzene		1	0.0942	mg/L	1	0.100	<0.000400	94	70 - 130	4	20
Xylene		1	0.280	mg/L	1	0.300	<0.00120	93	70 - 130	4	20

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

Surrogate	MS	MSD	Units	Dil.	Spike Amount	MS	MSD	Rec.
	Result	Result				Rec.	Rec.	Limit
Trifluorotoluene (TFT)	0.0937	0.0963	mg/L	1	0.1	94	96	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0949	0.0963	mg/L	1	0.1	95	96	70 - 130

Report Date: August 20, 2013
TNM 97-18

Work Order: 13080806
9718

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Eunice, NM

Matrix Spike (MS-1) Spiked Sample: 338504

QC Batch: 104189
Prep Batch: 88281

Date Analyzed: 2013-08-20
QC Preparation: 2013-08-19

Analyzed By: KC
Prepared By: KC

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.112	mg/L	1	0.100	<0.000200	112	70 - 130
Toluene		1	0.109	mg/L	1	0.100	<0.000300	109	70 - 130
Ethylbenzene		1	0.106	mg/L	1	0.100	<0.000400	106	70 - 130
Xylene		1	0.312	mg/L	1	0.300	<0.00120	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	0.112	mg/L	1	0.100	<0.000200	112	70 - 130	0	20
Toluene		1	0.108	mg/L	1	0.100	<0.000300	108	70 - 130	1	20
Ethylbenzene		1	0.105	mg/L	1	0.100	<0.000400	105	70 - 130	1	20
Xylene		1	0.311	mg/L	1	0.300	<0.00120	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)	0.0918	0.0951	mg/L	1	0.1	92	95	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0978	0.0990	mg/L	1	0.1	98	99	70 - 130

Calibration Standards

Standard (CCV-1)

QC Batch: 104140

Date Analyzed: 2013-08-19

Analyzed By: KC

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0994	99	80 - 120	2013-08-19
Toluene		1	mg/L	0.100	0.0959	96	80 - 120	2013-08-19
Ethylbenzene		1	mg/L	0.100	0.0890	89	80 - 120	2013-08-19
Xylene		1	mg/L	0.300	0.267	89	80 - 120	2013-08-19

Standard (CCV-2)

QC Batch: 104140

Date Analyzed: 2013-08-19

Analyzed By: KC

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	2013-08-19
Toluene		1	mg/L	0.100	0.0989	99	80 - 120	2013-08-19
Ethylbenzene		1	mg/L	0.100	0.0939	94	80 - 120	2013-08-19
Xylene		1	mg/L	0.300	0.279	93	80 - 120	2013-08-19

Standard (CCV-3)

QC Batch: 104140

Date Analyzed: 2013-08-19

Analyzed By: KC

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0912	91	80 - 120	2013-08-19
Toluene		1	mg/L	0.100	0.0896	90	80 - 120	2013-08-19
Ethylbenzene		1	mg/L	0.100	0.0846	85	80 - 120	2013-08-19
Xylene		1	mg/L	0.300	0.253	84	80 - 120	2013-08-19

Report Date: August 20, 2013
TNM 97-18

Work Order: 13080806
9718

Page Number: 16 of 18
Eunice, NM

Standard (CCV-1)

QC Batch: 104189

Date Analyzed: 2013-08-20

Analyzed By: KC

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0850	85	80 - 120	2013-08-20
Toluene		1	mg/L	0.100	0.0838	84	80 - 120	2013-08-20
Ethylbenzene		1	mg/L	0.100	0.0818	82	80 - 120	2013-08-20
Xylene		1	mg/L	0.300	0.245	82	80 - 120	2013-08-20

Standard (CCV-2)

QC Batch: 104189

Date Analyzed: 2013-08-20

Analyzed By: KC

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	2013-08-20
Toluene		1	mg/L	0.100	0.104	104	80 - 120	2013-08-20
Ethylbenzene		1	mg/L	0.100	0.100	100	80 - 120	2013-08-20
Xylene		1	mg/L	0.300	0.298	99	80 - 120	2013-08-20

Standard (CCV-3)

QC Batch: 104189

Date Analyzed: 2013-08-20

Analyzed By: KC

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.105	105	80 - 120	2013-08-20
Toluene		1	mg/L	0.100	0.103	103	80 - 120	2013-08-20
Ethylbenzene		1	mg/L	0.100	0.100	100	80 - 120	2013-08-20
Xylene		1	mg/L	0.300	0.299	100	80 - 120	2013-08-20

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	T104704392-12-4	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

Result Comments

- 1 pH > 2.0.
- 2 pH > 2.0.
- 3 pH > 2.0.
- 4 pH>2.
- 5 pH > 2.0.

Attachments

The scanned attachments will follow this page.

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

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

email: lab@traceanalysis.com

Phone #: 432-520-7720

Fax #:

E-mail:

Invoice to:

(If different from above)

Project Name: 9718

Project Location (including state):
NEW MEXICO

Sampler Signature: 

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
337941	MW-23	3	VOL#	X				X					X	8/7/13	1115
942	MW-6	1													1137
943	RW-2	1													1210
944	MW-2	1													1225
945	MW-10	1													1246
946	MW-3	1													1303
947	RW-1	1													1315
948	MW-4	1													1323
949	MW-5	1													1330
950	MW-17	1													1340
951	MW-18	1													1355

Relinquished by: JAMES GEMEZ NORA Date: 8/8/1

Relinquished by: _____ Company: _____ Date: _____

Relinquished by: _____ Company: _____ Date: _____

Received by:	Company:	Date:	Time:
<i>[Signature]</i>	TA	8-8-13	8:50

Received by: <i>[Signature]</i>	Company: <i>[Signature]</i>	Date: <i>02.01.03</i>	Time: <i>03.00</i>
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Received by:	Company:	Date:	Time:
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Log-in-Review

REMARKS:	Dry Weight Basis Required TRRP Report Required Check If Special Reporting Limits Are Needed	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517
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Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C. O. C.

Carrier # Carryin

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Company Name: **NOVA**
 Address: (Street, City, Zip) **2057 COMMERCE DRIVE**
 Contact Person: **CAMILLE BRYANT**
 Invoice to: (If different from above)
 Project #: **TNM 97-18**
 Project Location (including state): **NEW MEXICO**
 Phone #: **432 520 7720**
 Fax #:
 E-mail:
 Project Name: **97-18**
 Sampler Signature: 

[illegible]

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST OBS COR
JAMES GENTRY	NOVA	8/9/13	850	A Hernandez	TA	8-8-13	8:50	
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ANALYSIS REQUEST (Circle or Specify Method No.)						REMARKS:	
MTBE	8021 / 602 / 8260 / 624	X	GTEX 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							
PCB's 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							
Hold							

LAB USE ONLY

Intact ☒ Y ☐ N

Headspace ☐ Y ☒ NA

Dry Weight Basis Required ☐

TRRP Report Required ☐

Check If Special Reporting Limits Are Needed ☐

Log-in-Review _____

RT-L 4.5°C

4.4°C

°C

°C

°C

°C

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

Carrier # Carry in

ORIGINAL COPY

Summary Report

Camille Bryant
Nova Safety & Environmental
2057 Commerce St.
Midland, TX 79703

Report Date: August 26, 2013

Work Order: 13081509



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

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
338626	MW-25	water	2013-08-13	09:45	2013-08-15

Sample - Field Code	BTEX			
	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)
338626 - MW-25	0.634 Qr	<0.0500 Qr	<0.0500 Qr	<0.0500 Qr



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Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

Camille Bryant
Nova Safety & Environmental
2057 Commerce St.
Midland, TX, 79703

Report Date: August 26, 2013

Work Order: 13081509



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
338626	MW-25	water	2013-08-13	09:45	2013-08-15

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 10 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

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 2013-08-15 and assigned to work order 13081509. Samples for work order 13081509 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	88451	2013-08-24 at 16:32	104378	2013-08-24 at 16:32

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 13081509 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: August 26, 2013
TNM 97-18

Work Order: 13081509
9718

Page Number: 4 of 10
Eunice, NM

Analytical Report

Sample: 338626 - MW-25

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 104378
Prep Batch: 88451

Analytical Method: S 8021B
Date Analyzed: 2013-08-24
Sample Preparation: 2013-08-24

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

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qr		0.634	mg/L	50	0.00100
Toluene	Qr,U		<0.0500	mg/L	50	0.00100
Ethylbenzene	Qr,U		<0.0500	mg/L	50	0.00100
Xylene	Qr,U		<0.0500	mg/L	50	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			4.91	mg/L	50	5.00	98	75.4 - 120
4-Bromofluorobenzene (4-BFB)			4.91	mg/L	50	5.00	98	74.6 - 120

Method Blanks

Method Blank (1) QC Batch: 104378

QC Batch: 104378
Prep Batch: 88451

Date Analyzed: 2013-08-24
QC Preparation: 2013-08-24

Analyzed By: MT
Prepared By: MT

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene			<0.000567	mg/L	0.001
Toluene			<0.000518	mg/L	0.001
Ethylbenzene			<0.000518	mg/L	0.001
Xylene			<0.000548	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0984	mg/L	1	0.100	98	75.4 - 120
4-Bromofluorobenzene (4-BFB)			0.0963	mg/L	1	0.100	96	74.6 - 120

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 104378
Prep Batch: 88451

Date Analyzed: 2013-08-24
QC Preparation: 2013-08-24

Analyzed By: MT
Prepared By: MT

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene			0.0913	mg/L	1	0.100	<0.000567	91	74.3 - 120
Toluene			0.0911	mg/L	1	0.100	<0.000518	91	77.6 - 120
Ethylbenzene			0.0909	mg/L	1	0.100	<0.000518	91	78.5 - 120
Xylene			0.278	mg/L	1	0.300	<0.000548	93	77.6 - 120

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			0.0971	mg/L	1	0.100	<0.000567	97	74.3 - 120	6	20
Toluene			0.101	mg/L	1	0.100	<0.000518	101	77.6 - 120	10	20
Ethylbenzene			0.0999	mg/L	1	0.100	<0.000518	100	78.5 - 120	9	20
Xylene			0.302	mg/L	1	0.300	<0.000548	101	77.6 - 120	8	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)	0.0897	0.0983	mg/L	1	0.100	90	98	75.4 - 120
4-Bromofluorobenzene (4-BFB)	0.0923	0.0990	mg/L	1	0.100	92	99	74.6 - 120

Matrix Spike (MS-1) Spiked Sample: 339530

QC Batch: 104378
Prep Batch: 88451

Date Analyzed: 2013-08-24
QC Preparation: 2013-08-24

Analyzed By: MT
Prepared By: MT

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene			0.0818	mg/L	1	0.100	<0.000567	82	50.2 - 129
Toluene			0.0804	mg/L	1	0.100	<0.000518	80	58.1 - 129
Ethylbenzene			0.0793	mg/L	1	0.100	<0.000518	79	58.1 - 127
Xylene			0.242	mg/L	1	0.300	<0.000548	81	53.1 - 128

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	Q _r	Q _r	0.120	mg/L	1	0.100	<0.000567	120	50.2 - 129	38	20
Toluene	Q _r	Q _r	0.122	mg/L	1	0.100	<0.000518	122	58.1 - 129	41	20
Ethylbenzene	Q _r	Q _r	0.121	mg/L	1	0.100	<0.000518	121	58.1 - 127	42	20
Xylene	Q _r	Q _r	0.364	mg/L	1	0.300	<0.000548	121	53.1 - 128	40	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)	0.102	0.106	mg/L	1	0.1	102	106	75.4 - 120
4-Bromofluorobenzene (4-BFB)	0.105	0.108	mg/L	1	0.1	105	108	74.6 - 120

Calibration Standards

Standard (CCV-1)

QC Batch: 104378

Date Analyzed: 2013-08-24

Analyzed By: MT

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene			mg/L	0.100	0.0898	90	80 - 120	2013-08-24
Toluene			mg/L	0.100	0.0937	94	80 - 120	2013-08-24
Ethylbenzene			mg/L	0.100	0.0940	94	80 - 120	2013-08-24
Xylene			mg/L	0.300	0.286	95	80 - 120	2013-08-24

Standard (CCV-2)

QC Batch: 104378

Date Analyzed: 2013-08-24

Analyzed By: MT

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene			mg/L	0.100	0.112	112	80 - 120	2013-08-24
Toluene			mg/L	0.100	0.113	113	80 - 120	2013-08-24
Ethylbenzene			mg/L	0.100	0.110	110	80 - 120	2013-08-24
Xylene			mg/L	0.300	0.332	111	80 - 120	2013-08-24

Standard (CCV-3)

QC Batch: 104378

Date Analyzed: 2013-08-24

Analyzed By: MT

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene			mg/L	0.100	0.100	100	80 - 120	2013-08-24
Toluene			mg/L	0.100	0.101	101	80 - 120	2013-08-24
Ethylbenzene			mg/L	0.100	0.0994	99	80 - 120	2013-08-24
Xylene			mg/L	0.300	0.301	100	80 - 120	2013-08-24

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

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

Report Date: August 26, 2013
TNM 97-18

Work Order: 13081509
9718

Page Number: 10 of 10
Eunice, NM

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

Summary Report

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

Report Date: December 9, 2013

Work Order: 13112727



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

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
347673	MW-1	water	2013-11-26	15:07	2013-11-27
347674	MW-11	water	2013-11-26	15:21	2013-11-27
347675	MW-12	water	2013-11-26	15:47	2013-11-27
347676	MW-14	water	2013-11-26	16:05	2013-11-27
347677	MW-15	water	2013-11-27	07:41	2013-11-27
347678	MW-16	water	2013-11-27	07:55	2013-11-27
347679	MW-21	water	2013-11-27	08:15	2013-11-27
347680	MW-22	water	2013-11-27	08:33	2013-11-27
347681	MW-26	water	2013-11-27	08:50	2013-11-27
347682	MW-27	water	2013-11-27	09:08	2013-11-27
347683	MW-28	water	2013-11-27	09:35	2013-11-27
347684	MW-30	water	2013-11-27	09:48	2013-11-27
347685	MW-8	water	2013-11-27	10:04	2013-11-27
347686	MW-9	water	2013-11-27	10:20	2013-11-27
347687	MW-20	water	2013-11-27	11:01	2013-11-27
347688	MW-23	water	2013-11-27	11:14	2013-11-27
347689	MW-6	water	2013-11-27	11:29	2013-11-27
347690	MW-2	water	2013-11-27	11:44	2013-11-27
347691	RW-1	water	2013-11-27	12:00	2013-11-27
347692	MW-10	water	2013-11-27	12:07	2013-11-27
347693	MW-24	water	2013-11-27	12:28	2013-11-27
347694	MW-3	water	2013-11-27	12:34	2013-11-27
347695	MW-4	water	2013-11-27	12:41	2013-11-27
347696	RW-2	water	2013-11-27	12:58	2013-11-27
347697	MW-5	water	2013-11-27	13:03	2013-11-27
347698	MW-18	water	2013-11-27	13:18	2013-11-27
347699	MW-17	water	2013-11-27	13:23	2013-11-27

Sample - Field Code	BTEX			
	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)
347673 - MW-1	<0.00100	<0.00100	<0.00100	<0.00300
347674 - MW-11	<0.00100	<0.00100	<0.00100	<0.00300
347675 - MW-12	<0.00100	<0.00100	<0.00100	<0.00300
347676 - MW-14	<0.00100	<0.00100	<0.00100	<0.00300
347677 - MW-15	<0.00100	<0.00100	<0.00100	<0.00300
347678 - MW-16	<0.00100	<0.00100	<0.00100	<0.00300
347679 - MW-21	<0.00100	<0.00100	<0.00100	<0.00300
347680 - MW-22	<0.00100	<0.00100	<0.00100	<0.00300
347681 - MW-26	<0.00100	<0.00100	<0.00100	<0.00300
347682 - MW-27	<0.00100	<0.00100	<0.00100	<0.00300
347683 - MW-28	<0.00100	<0.00100	<0.00100	<0.00300
347684 - MW-30	<0.00100	<0.00100	<0.00100	<0.00300
347685 - MW-8	<0.00100	<0.00100	<0.00100	<0.00300
347686 - MW-9	<0.00100	<0.00100	<0.00100	<0.00300
347687 - MW-20	0.0509	<0.0100	0.0186	<0.0300
347688 - MW-23	0.00260	<0.00100	<0.00100	<0.00300
347689 - MW-6	0.0892	<0.0500	<0.0500	<0.150
347690 - MW-2	0.0299	<0.00100	0.00250	0.00840
347691 - RW-1	0.219	0.00240	0.0238	0.0244
347692 - MW-10	0.308	<0.00100	0.00410	0.0111
347693 - MW-24	4.14 _{Qs}	<0.0500 _{Qs}	0.997 _{Qs}	0.291 _{Qs}
347694 - MW-3	0.355 _{Qs}	<0.0500 _{Qs}	<0.0500 _{Qs}	0.161 _{Qs}
347695 - MW-4	0.564 _{Qs}	<0.0500 _{Qs}	<0.0500 _{Qs}	0.0981 _{Qs}
347696 - RW-2	0.245	0.00130	0.107	0.0390
347697 - MW-5	1.00 _{Qs}	<0.0500 _{Qs}	0.407 _{Qs}	0.148 _{Qs}
347698 - MW-18	2.96	<0.0500	2.00	0.202
347699 - MW-17	1.74	<0.0500	0.721	0.255

Sample: 347689 - MW-6

Param	Flag	Result	Units	RL
Naphthalene		<0.000200	mg/L	0.0002
2-Methylnaphthalene	Qr	<0.000200	mg/L	0.0002
1-Methylnaphthalene	Qr	<0.000200	mg/L	0.0002
Acenaphthylene	Qc, Qr, Qs	<0.000200	mg/L	0.0002
Acenaphthene	Qc, Qr, Qs	<0.000200	mg/L	0.0002
Dibenzofuran	Qr, Qs	<0.000200	mg/L	0.0002
Fluorene	Qc, Qr, Qs	<0.000200	mg/L	0.0002
Anthracene	Qr, Qs	<0.000200	mg/L	0.0002
Phenanthrene	Qr, Qs	<0.000200	mg/L	0.0002
Fluoranthene		<0.000200	mg/L	0.0002
Pyrene	Qc	<0.000200	mg/L	0.0002
Benzo(a)anthracene		<0.000200	mg/L	0.0002
Chrysene	Qs	<0.000200	mg/L	0.0002
Benzo(b)fluoranthene		<0.000200	mg/L	0.0002
Benzo(k)fluoranthene		<0.000200	mg/L	0.0002
Benzo(a)pyrene		<0.000200	mg/L	0.0002
Indeno(1,2,3-cd)pyrene	Qc, Qr	<0.000200	mg/L	0.0002
Dibenzo(a,h)anthracene	Qs	<0.000200	mg/L	0.0002

continued ...

sample 347689 continued ...

Param	Flag	Result	Units	RL
Benzo(g,h,i)perylene	Qc, Qr	0.0600	mg/L	0.0002

Sample: 347690 - MW-2

Param	Flag	Result	Units	RL
Naphthalene		<0.000200	mg/L	0.0002
2-Methylnaphthalene	Qr	<0.000200	mg/L	0.0002
1-Methylnaphthalene	Qr	<0.000200	mg/L	0.0002
Acenaphthylene	Qc, Qr, Qs	<0.000200	mg/L	0.0002
Acenaphthene	Qc, Qr, Qs	<0.000200	mg/L	0.0002
Dibenzofuran	Qr, Qs	<0.000200	mg/L	0.0002
Fluorene	Qc, Qr, Qs	<0.000200	mg/L	0.0002
Anthracene	Qr, Qs	<0.000200	mg/L	0.0002
Phenanthrene	Qr, Qs	<0.000200	mg/L	0.0002
Fluoranthene		<0.000200	mg/L	0.0002
Pyrene	Qc	<0.000200	mg/L	0.0002
Benzo(a)anthracene		<0.000200	mg/L	0.0002
Chrysene	Qs	<0.000200	mg/L	0.0002
Benzo(b)fluoranthene		<0.000200	mg/L	0.0002
Benzo(k)fluoranthene		<0.000200	mg/L	0.0002
Benzo(a)pyrene		<0.000200	mg/L	0.0002
Indeno(1,2,3-cd)pyrene	Qc, Qr	<0.000200	mg/L	0.0002
Dibenzo(a,h)anthracene	Qs	<0.000200	mg/L	0.0002
Benzo(g,h,i)perylene	Qc, Qr	<0.000200	mg/L	0.0002

Sample: 347691 - RW-1

Param	Flag	Result	Units	RL
Naphthalene		<0.000200	mg/L	0.0002
2-Methylnaphthalene	Qr	<0.000200	mg/L	0.0002
1-Methylnaphthalene	Qr	<0.000200	mg/L	0.0002
Acenaphthylene	Qc, Qr, Qs	<0.000200	mg/L	0.0002
Acenaphthene	Qc, Qr, Qs	<0.000200	mg/L	0.0002
Dibenzofuran	Qr, Qs	<0.000200	mg/L	0.0002
Fluorene	Qc, Qr, Qs	<0.000200	mg/L	0.0002
Anthracene	Qr, Qs	<0.000200	mg/L	0.0002
Phenanthrene	Qr, Qs	<0.000200	mg/L	0.0002
Fluoranthene		<0.000200	mg/L	0.0002
Pyrene	Qc	<0.000200	mg/L	0.0002
Benzo(a)anthracene		<0.000200	mg/L	0.0002
Chrysene	Qs	<0.000200	mg/L	0.0002
Benzo(b)fluoranthene		<0.000200	mg/L	0.0002
Benzo(k)fluoranthene		<0.000200	mg/L	0.0002
Benzo(a)pyrene		<0.000200	mg/L	0.0002

continued ...

sample 347691 continued ...

Param	Flag	Result	Units	RL
Indeno(1,2,3-cd)pyrene	Qc, Qr	<0.000200	mg/L	0.0002
Dibenzo(a,h)anthracene	Qs	<0.000200	mg/L	0.0002
Benzo(g,h,i)perylene	Qc, Qr	<0.000200	mg/L	0.0002

Sample: 347692 - MW-10

Param	Flag	Result	Units	RL
Naphthalene		<0.000200	mg/L	0.0002
2-Methylnaphthalene	Qr	<0.000200	mg/L	0.0002
1-Methylnaphthalene	Qr	<0.000200	mg/L	0.0002
Acenaphthylene	Qc, Qr, Qs	<0.000200	mg/L	0.0002
Acenaphthene	Qc, Qr, Qs	<0.000200	mg/L	0.0002
Dibenzofuran	Qr, Qs	<0.000200	mg/L	0.0002
Fluorene	Qc, Qr, Qs	<0.000200	mg/L	0.0002
Anthracene	Qr, Qs	<0.000200	mg/L	0.0002
Phenanthrene	Qr, Qs	<0.000200	mg/L	0.0002
Fluoranthene		<0.000200	mg/L	0.0002
Pyrene	Qc	<0.000200	mg/L	0.0002
Benzo(a)anthracene		<0.000200	mg/L	0.0002
Chrysene	Qs	<0.000200	mg/L	0.0002
Benzo(b)fluoranthene		<0.000200	mg/L	0.0002
Benzo(k)fluoranthene		<0.000200	mg/L	0.0002
Benzo(a)pyrene		<0.000200	mg/L	0.0002
Indeno(1,2,3-cd)pyrene	Qc, Qr	<0.000200	mg/L	0.0002
Dibenzo(a,h)anthracene	Qs	<0.000200	mg/L	0.0002
Benzo(g,h,i)perylene	Qc, Qr	<0.000200	mg/L	0.0002

Sample: 347694 - MW-3

Param	Flag	Result	Units	RL
Naphthalene		<0.000200	mg/L	0.0002
2-Methylnaphthalene	Qr	<0.000200	mg/L	0.0002
1-Methylnaphthalene	Qr	<0.000200	mg/L	0.0002
Acenaphthylene	Qc, Qr, Qs	<0.000200	mg/L	0.0002
Acenaphthene	Qc, Qr, Qs	<0.000200	mg/L	0.0002
Dibenzofuran	Qr, Qs	<0.000200	mg/L	0.0002
Fluorene	Qc, Qr, Qs	<0.000200	mg/L	0.0002
Anthracene	Qr, Qs	<0.000200	mg/L	0.0002
Phenanthrene	Qr, Qs	<0.000200	mg/L	0.0002
Fluoranthene		<0.000200	mg/L	0.0002
Pyrene	Qc	<0.000200	mg/L	0.0002
Benzo(a)anthracene		<0.000200	mg/L	0.0002
Chrysene	Qs	<0.000200	mg/L	0.0002
Benzo(b)fluoranthene		<0.000200	mg/L	0.0002

continued ...

sample 347694 continued ...

Param	Flag	Result	Units	RL
Benzo(k)fluoranthene		<0.000200	mg/L	0.0002
Benzo(a)pyrene		<0.000200	mg/L	0.0002
Indeno(1,2,3-cd)pyrene	Qc, Qr	<0.000200	mg/L	0.0002
Dibenzo(a,h)anthracene	Qs	<0.000200	mg/L	0.0002
Benzo(g,h,i)perylene	Qc, Qr	<0.000200	mg/L	0.0002

Sample: 347695 - MW-4

Param	Flag	Result	Units	RL
Naphthalene		<0.000200	mg/L	0.0002
2-Methylnaphthalene	Qr	0.0511	mg/L	0.0002
1-Methylnaphthalene	Qr	0.156	mg/L	0.0002
Acenaphthylene	Qc, Qr, Qs	<0.000200	mg/L	0.0002
Acenaphthene	Qc, Qr, Qs	<0.000200	mg/L	0.0002
Dibenzofuran	Qr, Qs	<0.000200	mg/L	0.0002
Fluorene	Qc, Qr, Qs	<0.000200	mg/L	0.0002
Anthracene	Qr, Qs	<0.000200	mg/L	0.0002
Phenanthrene	Qr, Qs	<0.000200	mg/L	0.0002
Fluoranthene		<0.000200	mg/L	0.0002
Pyrene	Qc	<0.000200	mg/L	0.0002
Benzo(a)anthracene		<0.000200	mg/L	0.0002
Chrysene	Qs	<0.000200	mg/L	0.0002
Benzo(b)fluoranthene		<0.000200	mg/L	0.0002
Benzo(k)fluoranthene		<0.000200	mg/L	0.0002
Benzo(a)pyrene		<0.000200	mg/L	0.0002
Indeno(1,2,3-cd)pyrene	Qc, Qr	<0.000200	mg/L	0.0002
Dibenzo(a,h)anthracene	Qs	<0.000200	mg/L	0.0002
Benzo(g,h,i)perylene	Qc, Qr	<0.000200	mg/L	0.0002

Sample: 347696 - RW-2

Param	Flag	Result	Units	RL
Naphthalene		<0.000200	mg/L	0.0002
2-Methylnaphthalene	Qr	0.0924	mg/L	0.0002
1-Methylnaphthalene	Qr	0.141	mg/L	0.0002
Acenaphthylene	Qc, Qr, Qs	<0.000200	mg/L	0.0002
Acenaphthene	Qc, Qr, Qs	<0.000200	mg/L	0.0002
Dibenzofuran	Qr, Qs	<0.000200	mg/L	0.0002
Fluorene	Qc, Qr, Qs	<0.000200	mg/L	0.0002
Anthracene	Qr, Qs	<0.000200	mg/L	0.0002
Phenanthrene	Qr, Qs	<0.000200	mg/L	0.0002
Fluoranthene		<0.000200	mg/L	0.0002
Pyrene	Qc	<0.000200	mg/L	0.0002
Benzo(a)anthracene		<0.000200	mg/L	0.0002

continued ...

sample 347696 continued ...

Param	Flag	Result	Units	RL
Chrysene	Qs	<0.000200	mg/L	0.0002
Benzo(b)fluoranthene		<0.000200	mg/L	0.0002
Benzo(k)fluoranthene		<0.000200	mg/L	0.0002
Benzo(a)pyrene		<0.000200	mg/L	0.0002
Indeno(1,2,3-cd)pyrene	Qc, Qr	<0.000200	mg/L	0.0002
Dibenzo(a,h)anthracene	Qs	<0.000200	mg/L	0.0002
Benzo(g,h,i)perylene	Qc, Qr	<0.000200	mg/L	0.0002

Sample: 347697 - MW-5

Param	Flag	Result	Units	RL
Naphthalene		0.0349	mg/L	0.0002
2-Methylnaphthalene	Qr	0.0367	mg/L	0.0002
1-Methylnaphthalene	Qr	0.0473	mg/L	0.0002
Acenaphthylene	Qc, Qr, Qs	<0.000200	mg/L	0.0002
Acenaphthene	Qc, Qr, Qs	<0.000200	mg/L	0.0002
Dibenzofuran	Qr, Qs	<0.000200	mg/L	0.0002
Fluorene	Qc, Qr, Qs	<0.000200	mg/L	0.0002
Anthracene	Qr, Qs	<0.000200	mg/L	0.0002
Phenanthrene	Qr, Qs	<0.000200	mg/L	0.0002
Fluoranthene		<0.000200	mg/L	0.0002
Pyrene	Qc	<0.000200	mg/L	0.0002
Benzo(a)anthracene		<0.000200	mg/L	0.0002
Chrysene	Qs	<0.000200	mg/L	0.0002
Benzo(b)fluoranthene		<0.000200	mg/L	0.0002
Benzo(k)fluoranthene		<0.000200	mg/L	0.0002
Benzo(a)pyrene		<0.000200	mg/L	0.0002
Indeno(1,2,3-cd)pyrene	Qc, Qr	<0.000200	mg/L	0.0002
Dibenzo(a,h)anthracene	Qs	<0.000200	mg/L	0.0002
Benzo(g,h,i)perylene	Qc, Qr	<0.000200	mg/L	0.0002

Sample: 347698 - MW-18

Param	Flag	Result	Units	RL
Naphthalene		0.0835	mg/L	0.0002
2-Methylnaphthalene	Qr	0.0525	mg/L	0.0002
1-Methylnaphthalene	Qr	0.0742	mg/L	0.0002
Acenaphthylene	Qc, Qr, Qs	<0.000200	mg/L	0.0002
Acenaphthene	Qc, Qr, Qs	<0.000200	mg/L	0.0002
Dibenzofuran	Qr, Qs	<0.000200	mg/L	0.0002
Fluorene	Qc, Qr, Qs	<0.000200	mg/L	0.0002
Anthracene	Qr, Qs	<0.000200	mg/L	0.0002
Phenanthrene	Qr, Qs	<0.000200	mg/L	0.0002
Fluoranthene		<0.000200	mg/L	0.0002

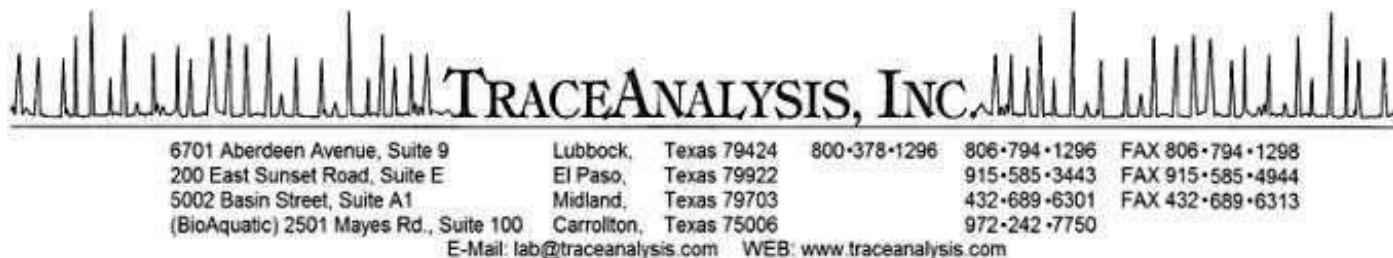
continued ...

sample 347698 continued ...

Param	Flag	Result	Units	RL
Pyrene	Qc	<0.000200	mg/L	0.0002
Benzo(a)anthracene		<0.000200	mg/L	0.0002
Chrysene	Qs	<0.000200	mg/L	0.0002
Benzo(b)fluoranthene		<0.000200	mg/L	0.0002
Benzo(k)fluoranthene		<0.000200	mg/L	0.0002
Benzo(a)pyrene		<0.000200	mg/L	0.0002
Indeno(1,2,3-cd)pyrene	Qc, Qr	<0.000200	mg/L	0.0002
Dibenzo(a,h)anthracene	Qs	<0.000200	mg/L	0.0002
Benzo(g,h,i)perylene	Qc, Qr	<0.000200	mg/L	0.0002

Sample: 347699 - MW-17

Param	Flag	Result	Units	RL
Naphthalene		0.0900	mg/L	0.0002
2-Methylnaphthalene	Qr	0.0563	mg/L	0.0002
1-Methylnaphthalene	Qr	0.135	mg/L	0.0002
Acenaphthylene	Qc, Qr, Qs	<0.000200	mg/L	0.0002
Acenaphthene	Qc, Qr, Qs	<0.000200	mg/L	0.0002
Dibenzofuran	Qr, Qs	<0.000200	mg/L	0.0002
Fluorene	Qc, Qr, Qs	<0.000200	mg/L	0.0002
Anthracene	Qr, Qs	<0.000200	mg/L	0.0002
Phenanthrene	Qr, Qs	<0.000200	mg/L	0.0002
Fluoranthene		<0.000200	mg/L	0.0002
Pyrene	Qc	<0.000200	mg/L	0.0002
Benzo(a)anthracene		<0.000200	mg/L	0.0002
Chrysene	Qs	<0.000200	mg/L	0.0002
Benzo(b)fluoranthene		<0.000200	mg/L	0.0002
Benzo(k)fluoranthene		<0.000200	mg/L	0.0002
Benzo(a)pyrene		<0.000200	mg/L	0.0002
Indeno(1,2,3-cd)pyrene	Qc, Qr	<0.000200	mg/L	0.0002
Dibenzo(a,h)anthracene	Qs	<0.000200	mg/L	0.0002
Benzo(g,h,i)perylene	Qc, Qr	<0.000200	mg/L	0.0002



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 9, 2013

Work Order: 13112727



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
347673	MW-1	water	2013-11-26	15:07	2013-11-27
347674	MW-11	water	2013-11-26	15:21	2013-11-27
347675	MW-12	water	2013-11-26	15:47	2013-11-27
347676	MW-14	water	2013-11-26	16:05	2013-11-27
347677	MW-15	water	2013-11-27	07:41	2013-11-27
347678	MW-16	water	2013-11-27	07:55	2013-11-27
347679	MW-21	water	2013-11-27	08:15	2013-11-27
347680	MW-22	water	2013-11-27	08:33	2013-11-27
347681	MW-26	water	2013-11-27	08:50	2013-11-27
347682	MW-27	water	2013-11-27	09:08	2013-11-27
347683	MW-28	water	2013-11-27	09:35	2013-11-27
347684	MW-30	water	2013-11-27	09:48	2013-11-27
347685	MW-8	water	2013-11-27	10:04	2013-11-27
347686	MW-9	water	2013-11-27	10:20	2013-11-27
347687	MW-20	water	2013-11-27	11:01	2013-11-27
347688	MW-23	water	2013-11-27	11:14	2013-11-27
347689	MW-6	water	2013-11-27	11:29	2013-11-27

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
347690	MW-2	water	2013-11-27	11:44	2013-11-27
347691	RW-1	water	2013-11-27	12:00	2013-11-27
347692	MW-10	water	2013-11-27	12:07	2013-11-27
347693	MW-24	water	2013-11-27	12:28	2013-11-27
347694	MW-3	water	2013-11-27	12:34	2013-11-27
347695	MW-4	water	2013-11-27	12:41	2013-11-27
347696	RW-2	water	2013-11-27	12:58	2013-11-27
347697	MW-5	water	2013-11-27	13:03	2013-11-27
347698	MW-18	water	2013-11-27	13:18	2013-11-27
347699	MW-17	water	2013-11-27	13:23	2013-11-27

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 46 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.



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 2013-11-27 and assigned to work order 13112727. Samples for work order 13112727 were received intact without headspace and at a temperature of 3.5 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	90739	2013-12-02 at 08:56	107203	2013-12-03 at 09:06
BTEX	S 8021B	90746	2013-12-02 at 10:45	107234	2013-12-04 at 07:23
BTEX	S 8021B	90804	2013-12-04 at 09:16	107280	2013-12-04 at 08:12
BTEX	S 8021B	90843	2013-12-05 at 08:55	107318	2013-12-05 at 14:34
PAH	S 8270D	90877	2013-12-03 at 15:00	107324	2013-12-05 at 15:14

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 13112727 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: 347673 - MW-1

Laboratory: Midland
Analysis: BTEX
QC Batch: 107203
Prep Batch: 90739

Analytical Method: S 8021B
Date Analyzed: 2013-12-03
Sample Preparation: 2013-12-02

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

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	U	2	<0.00100	mg/L	1	0.00100
Toluene	U	2	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	2	<0.00100	mg/L	1	0.00100
Xylene	U	2	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0953	mg/L	1	0.100	95	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0796	mg/L	1	0.100	80	70 - 130

Sample: 347674 - MW-11

Laboratory: Midland
Analysis: BTEX
QC Batch: 107203
Prep Batch: 90739

Analytical Method: S 8021B
Date Analyzed: 2013-12-03
Sample Preparation: 2013-12-02

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

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	U	2	<0.00100	mg/L	1	0.00100
Toluene	U	2	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	2	<0.00100	mg/L	1	0.00100
Xylene		2	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0983	mg/L	1	0.100	98	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0836	mg/L	1	0.100	84	70 - 130

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Eunice, NM

Sample: 347675 - MW-12

Laboratory: Midland

Analysis: BTEX

QC Batch: 107203

Prep Batch: 90739

Analytical Method: S 8021B

Date Analyzed: 2013-12-03

Sample Preparation: 2013-12-02

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		2	<0.00100	mg/L	1	0.00100
Toluene	U	2	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	2	<0.00100	mg/L	1	0.00100
Xylene	U	2	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0963	mg/L	1	0.100	96	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0845	mg/L	1	0.100	84	70 - 130

Sample: 347676 - MW-14

Laboratory: Midland

Analysis: BTEX

QC Batch: 107203

Prep Batch: 90739

Analytical Method: S 8021B

Date Analyzed: 2013-12-03

Sample Preparation: 2013-12-02

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	U	2	<0.00100	mg/L	1	0.00100
Toluene	U	2	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	2	<0.00100	mg/L	1	0.00100
Xylene	U	2	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0937	mg/L	1	0.100	94	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0888	mg/L	1	0.100	89	70 - 130

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Eunice, NM

Sample: 347677 - MW-15

Laboratory: Midland

Analysis: BTEX

QC Batch: 107203

Prep Batch: 90739

Analytical Method: S 8021B

Date Analyzed: 2013-12-03

Sample Preparation: 2013-12-02

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	U	2	<0.00100	mg/L	1	0.00100
Toluene	U	2	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	2	<0.00100	mg/L	1	0.00100
Xylene	U	2	<0.00300	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)			0.0801	mg/L	1	0.100	80	70 - 130

Sample: 347678 - MW-16

Laboratory: Midland

Analysis: BTEX

QC Batch: 107234

Prep Batch: 90746

Analytical Method: S 8021B

Date Analyzed: 2013-12-04

Sample Preparation: 2013-12-02

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	U	2	<0.00100	mg/L	1	0.00100
Toluene	U	2	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	2	<0.00100	mg/L	1	0.00100
Xylene		2	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0954	mg/L	1	0.100	95	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0807	mg/L	1	0.100	81	70 - 130

Report Date: December 9, 2013
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Eunice, NM

Sample: 347679 - MW-21

Laboratory: Midland

Analysis: BTEX

QC Batch: 107234

Prep Batch: 90746

Analytical Method: S 8021B

Date Analyzed: 2013-12-04

Sample Preparation: 2013-12-02

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	U	2	<0.00100	mg/L	1	0.00100
Toluene	U	2	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	2	<0.00100	mg/L	1	0.00100
Xylene	U	2	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0940	mg/L	1	0.100	94	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0808	mg/L	1	0.100	81	70 - 130

Sample: 347680 - MW-22

Laboratory: Midland

Analysis: BTEX

QC Batch: 107234

Prep Batch: 90746

Analytical Method: S 8021B

Date Analyzed: 2013-12-04

Sample Preparation: 2013-12-02

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	U	2	<0.00100	mg/L	1	0.00100
Toluene	U	2	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	2	<0.00100	mg/L	1	0.00100
Xylene	U	2	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0949	mg/L	1	0.100	95	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0806	mg/L	1	0.100	81	70 - 130

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Eunice, NM

Sample: 347681 - MW-26

Laboratory: Midland

Analysis: BTEX

QC Batch: 107234

Prep Batch: 90746

Analytical Method: S 8021B

Date Analyzed: 2013-12-04

Sample Preparation: 2013-12-02

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	U	2	<0.00100	mg/L	1	0.00100
Toluene	U	2	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	2	<0.00100	mg/L	1	0.00100
Xylene	U	2	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0933	mg/L	1	0.100	93	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0831	mg/L	1	0.100	83	70 - 130

Sample: 347682 - MW-27

Laboratory: Midland

Analysis: BTEX

QC Batch: 107234

Prep Batch: 90746

Analytical Method: S 8021B

Date Analyzed: 2013-12-04

Sample Preparation: 2013-12-02

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	U	2	<0.00100	mg/L	1	0.00100
Toluene	U	2	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	2	<0.00100	mg/L	1	0.00100
Xylene	U	2	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0945	mg/L	1	0.100	94	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0812	mg/L	1	0.100	81	70 - 130

Report Date: December 9, 2013
TNM 97-18

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Eunice, NM

Sample: 347683 - MW-28

Laboratory: Midland

Analysis: BTEX

QC Batch: 107234

Prep Batch: 90746

Analytical Method: S 8021B

Date Analyzed: 2013-12-04

Sample Preparation: 2013-12-02

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	U	2	<0.00100	mg/L	1	0.00100
Toluene	U	2	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	2	<0.00100	mg/L	1	0.00100
Xylene	U	2	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0956	mg/L	1	0.100	96	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0800	mg/L	1	0.100	80	70 - 130

Sample: 347684 - MW-30

Laboratory: Midland

Analysis: BTEX

QC Batch: 107234

Prep Batch: 90746

Analytical Method: S 8021B

Date Analyzed: 2013-12-04

Sample Preparation: 2013-12-02

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	U	2	<0.00100	mg/L	1	0.00100
Toluene	U	2	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	2	<0.00100	mg/L	1	0.00100
Xylene	U	2	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0951	mg/L	1	0.100	95	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0797	mg/L	1	0.100	80	70 - 130

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Sample: 347685 - MW-8

Laboratory: Midland

Analysis: BTEX

QC Batch: 107234

Prep Batch: 90746

Analytical Method: S 8021B

Date Analyzed: 2013-12-04

Sample Preparation: 2013-12-02

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	U	2	<0.00100	mg/L	1	0.00100
Toluene	U	2	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	2	<0.00100	mg/L	1	0.00100
Xylene	U	2	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0931	mg/L	1	0.100	93	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0806	mg/L	1	0.100	81	70 - 130

Sample: 347686 - MW-9

Laboratory: Midland

Analysis: BTEX

QC Batch: 107234

Prep Batch: 90746

Analytical Method: S 8021B

Date Analyzed: 2013-12-04

Sample Preparation: 2013-12-02

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	U	2	<0.00100	mg/L	1	0.00100
Toluene	U	2	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	2	<0.00100	mg/L	1	0.00100
Xylene	U	2	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0964	mg/L	1	0.100	96	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0807	mg/L	1	0.100	81	70 - 130

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Sample: 347687 - MW-20

Laboratory: Midland

Analysis: BTEX

QC Batch: 107234

Prep Batch: 90746

Analytical Method: S 8021B

Date Analyzed: 2013-12-04

Sample Preparation: 2013-12-02

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		2	0.0509	mg/L	10	0.00100
Toluene	U	2	<0.0100	mg/L	10	0.00100
Ethylbenzene		2	0.0186	mg/L	10	0.00100
Xylene	U	2	<0.0300	mg/L	10	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.960	mg/L	10	1.00	96	70 - 130
4-Bromofluorobenzene (4-BFB)			0.819	mg/L	10	1.00	82	70 - 130

Sample: 347688 - MW-23

Laboratory: Midland

Analysis: BTEX

QC Batch: 107234

Prep Batch: 90746

Analytical Method: S 8021B

Date Analyzed: 2013-12-04

Sample Preparation: 2013-12-02

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		2	0.00260	mg/L	1	0.00100
Toluene	U	2	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	2	<0.00100	mg/L	1	0.00100
Xylene	U	2	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0953	mg/L	1	0.100	95	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0811	mg/L	1	0.100	81	70 - 130

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Sample: 347689 - MW-6

Laboratory: Midland

Analysis: BTEX

QC Batch: 107234

Prep Batch: 90746

Analytical Method: S 8021B

Date Analyzed: 2013-12-04

Sample Preparation: 2013-12-02

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		2	0.0892	mg/L	50	0.00100
Toluene	U	2	<0.0500	mg/L	50	0.00100
Ethylbenzene	U	2	<0.0500	mg/L	50	0.00100
Xylene	U	2	<0.150	mg/L	50	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			4.76	mg/L	50	5.00	95	70 - 130
4-Bromofluorobenzene (4-BFB)			4.16	mg/L	50	5.00	83	70 - 130

Sample: 347689 - MW-6

Laboratory: Lubbock

Analysis: PAH

QC Batch: 107324

Prep Batch: 90877

Analytical Method: S 8270D

Date Analyzed: 2013-12-05

Sample Preparation: 2013-12-03

Prep Method: S 3510C

Analyzed By: MN

Prepared By: MN

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

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sample 347689 continued ...

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzo(g,h,i)perylene	Q _c ,Q _r	1	0.0600	mg/L	1	0.000200

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5	Q _{sr}	Q _{sr}	2.62	mg/L	1	8.00	33	40 - 110
2-Fluorobiphenyl			5.41	mg/L	1	8.00	68	50 - 110
Terphenyl-d14			4.17	mg/L	1	8.00	52	50 - 135

Sample: 347690 - MW-2

Laboratory: Midland
Analysis: BTEX
QC Batch: 107234
Prep Batch: 90746

Analytical Method: S 8021B
Date Analyzed: 2013-12-04
Sample Preparation: 2013-12-02

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

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		2	0.0299	mg/L	1	0.00100
Toluene		2	<0.00100	mg/L	1	0.00100
Ethylbenzene		2	0.00250	mg/L	1	0.00100
Xylene		2	0.00840	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0964	mg/L	1	0.100	96	70 - 130
4-Bromofluorobenzene (4-BFB)			0.113	mg/L	1	0.100	113	70 - 130

Sample: 347690 - MW-2

Laboratory: Lubbock
Analysis: PAH
QC Batch: 107324
Prep Batch: 90877

Analytical Method: S 8270D
Date Analyzed: 2013-12-05
Sample Preparation: 2013-12-03

Prep Method: S 3510C
Analyzed By: MN
Prepared By: MN

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Naphthalene	U	1	<0.000200	mg/L	1	0.000200
2-Methylnaphthalene	Q _r ,U	1	<0.000200	mg/L	1	0.000200
1-Methylnaphthalene	Q _r ,U		<0.000200	mg/L	1	0.000200

continued ...

sample 347690 continued ...

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5			4.74	mg/L	1	8.00	59	40 - 110
2-Fluorobiphenyl			7.62	mg/L	1	8.00	95	50 - 110
Terphenyl-d14			4.51	mg/L	1	8.00	56	50 - 135

Sample: 347691 - RW-1

Laboratory: Midland
Analysis: BTEX
QC Batch: 107234
Prep Batch: 90746

Analytical Method: S 8021B
Date Analyzed: 2013-12-04
Sample Preparation: 2013-12-02

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

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		2	0.219	mg/L	1	0.00100
Toluene		2	0.00240	mg/L	1	0.00100
Ethylbenzene		2	0.0238	mg/L	1	0.00100
Xylene		2	0.0244	mg/L	1	0.00300

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

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sample continued ...

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
4-Bromofluorobenzene (4-BFB)			0.118	mg/L	1	0.100	118	70 - 130

Sample: 347691 - RW-1

Laboratory: Lubbock
Analysis: PAH
QC Batch: 107324
Prep Batch: 90877

Analytical Method: S 8270D
Date Analyzed: 2013-12-05
Sample Preparation: 2013-12-03

Prep Method: S 3510C
Analyzed By: MN
Prepared By: MN

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5			4.77	mg/L	1	8.00	60	40 - 110
2-Fluorobiphenyl			5.60	mg/L	1	8.00	70	50 - 110
Terphenyl-d14	Qsr	Qsr	3.13	mg/L	1	8.00	39	50 - 135

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Sample: 347692 - MW-10

Laboratory: Midland

Analysis: BTEX

QC Batch: 107234

Prep Batch: 90746

Analytical Method: S 8021B

Date Analyzed: 2013-12-04

Sample Preparation: 2013-12-02

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		2	0.308	mg/L	1	0.00100
Toluene		2	<0.00100	mg/L	1	0.00100
Ethylbenzene		2	0.00410	mg/L	1	0.00100
Xylene		2	0.0111	mg/L	1	0.00300

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)			0.127	mg/L	1	0.100	127	70 - 130

Sample: 347692 - MW-10

Laboratory: Lubbock

Analysis: PAH

QC Batch: 107324

Prep Batch: 90877

Analytical Method: S 8270D

Date Analyzed: 2013-12-05

Sample Preparation: 2013-12-03

Prep Method: S 3510C

Analyzed By: MN

Prepared By: MN

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

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Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzo(g,h,i)perylene	Qc,Qr,U	1	<0.000200	mg/L	1	0.000200

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5			8.39	mg/L	1	8.00	105	40 - 110
2-Fluorobiphenyl			7.36	mg/L	1	8.00	92	50 - 110
Terphenyl-d14			4.33	mg/L	1	8.00	54	50 - 135

Sample: 347693 - MW-24

Laboratory: Midland
Analysis: BTEX
QC Batch: 107280
Prep Batch: 90804

Analytical Method: S 8021B
Date Analyzed: 2013-12-04
Sample Preparation: 2013-12-04

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

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qs	2	4.14	mg/L	50	0.00100
Toluene	Qs,U	2	<0.0500	mg/L	50	0.00100
Ethylbenzene	Qs	2	0.997	mg/L	50	0.00100
Xylene	Qs	2	0.291	mg/L	50	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	Qsr	Qsr	4.38	mg/L	50	0.100	4380	70 - 130
4-Bromofluorobenzene (4-BFB)	Qsr	Qsr	6.97	mg/L	50	0.100	6970	70 - 130

Sample: 347694 - MW-3

Laboratory: Midland
Analysis: BTEX
QC Batch: 107280
Prep Batch: 90804

Analytical Method: S 8021B
Date Analyzed: 2013-12-04
Sample Preparation: 2013-12-04

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

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qs	2	0.355	mg/L	50	0.00100

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sample 347694 continued ...

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Toluene	Qs	2	<0.0500	mg/L	50	0.00100
Ethylbenzene	Qs	2	<0.0500	mg/L	50	0.00100
Xylene	Qs	2	0.161	mg/L	50	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	Qsr	Qsr	5.00	mg/L	50	0.100	5000	70 - 130
4-Bromofluorobenzene (4-BFB)	Qsr	Qsr	4.64	mg/L	50	0.100	4640	70 - 130

Sample: 347694 - MW-3

Laboratory: Lubbock
Analysis: PAH
QC Batch: 107324
Prep Batch: 90877

Analytical Method: S 8270D
Date Analyzed: 2013-12-05
Sample Preparation: 2013-12-03

Prep Method: S 3510C
Analyzed By: MN
Prepared By: MN

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5	Qsr	Qsr	2.18	mg/L	1	8.00	27	40 - 110
2-Fluorobiphenyl			4.05	mg/L	1	8.00	51	50 - 110

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sample continued ...

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Terphenyl-d14	Q _{sr}	Q _{sr}	2.68	mg/L	1	8.00	34	50 - 135

Sample: 347695 - MW-4

Laboratory: Midland
Analysis: BTEX
QC Batch: 107280
Prep Batch: 90804

Analytical Method: S 8021B
Date Analyzed: 2013-12-04
Sample Preparation: 2013-12-04

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

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Q _s	2	0.564	mg/L	50	0.00100
Toluene	Q _s	2	<0.0500	mg/L	50	0.00100
Ethylbenzene	Q _s	2	<0.0500	mg/L	50	0.00100
Xylene	Q _s	2	0.0981	mg/L	50	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	Q _{sr}	Q _{sr}	4.54	mg/L	50	0.100	4540	70 - 130
4-Bromofluorobenzene (4-BFB)	Q _{sr}	Q _{sr}	4.53	mg/L	50	0.100	4530	70 - 130

Sample: 347695 - MW-4

Laboratory: Lubbock
Analysis: PAH
QC Batch: 107324
Prep Batch: 90877

Analytical Method: S 8270D
Date Analyzed: 2013-12-05
Sample Preparation: 2013-12-03

Prep Method: S 3510C
Analyzed By: MN
Prepared By: MN

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Naphthalene	U	1	<0.000200	mg/L	1	0.000200
2-Methylnaphthalene	Q _r	1	0.0511	mg/L	1	0.000200
1-Methylnaphthalene	Q _r		0.156	mg/L	1	0.000200
Acenaphthylene	Q _c , Q _r , Q _s , U	1	<0.000200	mg/L	1	0.000200
Acenaphthene	Q _c , Q _r , Q _s , U	1	<0.000200	mg/L	1	0.000200
Dibenzofuran	Q _r , Q _s , U	1	<0.000200	mg/L	1	0.000200
Fluorene	Q _c , Q _r , Q _s , U	1	<0.000200	mg/L	1	0.000200
Anthracene	Q _r , Q _s , U	1	<0.000200	mg/L	1	0.000200
Phenanthrene	Q _r , Q _s , U	1	<0.000200	mg/L	1	0.000200
Fluoranthene	U	1	<0.000200	mg/L	1	0.000200

continued ...

sample 347695 continued ...

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Pyrene	Qc,U	1	<0.000200	mg/L	1	0.000200
Benzo(a)anthracene	U	1	<0.000200	mg/L	1	0.000200
Chrysene	Qs,U	1	<0.000200	mg/L	1	0.000200
Benzo(b)fluoranthene	U	1	<0.000200	mg/L	1	0.000200
Benzo(k)fluoranthene	U	1	<0.000200	mg/L	1	0.000200
Benzo(a)pyrene	U	1	<0.000200	mg/L	1	0.000200
Indeno(1,2,3-cd)pyrene	Qc,Qr,U	1	<0.000200	mg/L	1	0.000200
Dibenzo(a,h)anthracene	Qs,U	1	<0.000200	mg/L	1	0.000200
Benzo(g,h,i)perylene	Qc,Qr,U	1	<0.000200	mg/L	1	0.000200

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5	Qsr	Qsr	2.40	mg/L	1	8.00	30	40 - 110
2-Fluorobiphenyl	Qsr	Qsr	3.74	mg/L	1	8.00	47	50 - 110
Terphenyl-d14	Qsr	Qsr	2.47	mg/L	1	8.00	31	50 - 135

Sample: 347696 - RW-2

Laboratory: Midland
Analysis: BTEX
QC Batch: 107234
Prep Batch: 90746

Analytical Method: S 8021B
Date Analyzed: 2013-12-04
Sample Preparation: 2013-12-02

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

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		2	0.245	mg/L	1	0.00100
Toluene		2	0.00130	mg/L	1	0.00100
Ethylbenzene		2	0.107	mg/L	1	0.00100
Xylene		2	0.0390	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0961	mg/L	1	0.100	96	70 - 130
4-Bromofluorobenzene (4-BFB)			0.114	mg/L	1	0.100	114	70 - 130

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Sample: 347696 - RW-2

Laboratory: Lubbock

Analysis: PAH

QC Batch: 107324

Prep Batch: 90877

Analytical Method: S 8270D

Date Analyzed: 2013-12-05

Sample Preparation: 2013-12-03

Prep Method: S 3510C

Analyzed By: MN

Prepared By: MN

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Naphthalene	U	1	<0.000200	mg/L	1	0.000200
2-Methylnaphthalene	Qr	1	0.0924	mg/L	1	0.000200
1-Methylnaphthalene	Qr		0.141	mg/L	1	0.000200
Acenaphthylene	Qc,Qr,Qs,U	1	<0.000200	mg/L	1	0.000200
Acenaphthene	Qc,Qr,Qs,U	1	<0.000200	mg/L	1	0.000200
Dibenzofuran	Qr,Qs,U	1	<0.000200	mg/L	1	0.000200
Fluorene	Qc,Qr,Qs,U	1	<0.000200	mg/L	1	0.000200
Anthracene	Qr,Qs,U	1	<0.000200	mg/L	1	0.000200
Phenanthrene	Qr,Qs,U	1	<0.000200	mg/L	1	0.000200
Fluoranthene	U	1	<0.000200	mg/L	1	0.000200
Pyrene	Qc,U	1	<0.000200	mg/L	1	0.000200
Benzo(a)anthracene	U	1	<0.000200	mg/L	1	0.000200
Chrysene	Qs,U	1	<0.000200	mg/L	1	0.000200
Benzo(b)fluoranthene	U	1	<0.000200	mg/L	1	0.000200
Benzo(k)fluoranthene	U	1	<0.000200	mg/L	1	0.000200
Benzo(a)pyrene	U	1	<0.000200	mg/L	1	0.000200
Indeno(1,2,3-cd)pyrene	Qc,Qr,U	1	<0.000200	mg/L	1	0.000200
Dibenzo(a,h)anthracene	Qs,U	1	<0.000200	mg/L	1	0.000200
Benzo(g,h,i)perylene	Qc,Qr,U	1	<0.000200	mg/L	1	0.000200

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5			3.42	mg/L	1	8.00	43	40 - 110
2-Fluorobiphenyl			4.80	mg/L	1	8.00	60	50 - 110
Terphenyl-d14	Qsr	Qsr	3.35	mg/L	1	8.00	42	50 - 135

Sample: 347697 - MW-5

Laboratory: Midland

Analysis: BTEX

QC Batch: 107280

Prep Batch: 90804

Analytical Method: S 8021B

Date Analyzed: 2013-12-04

Sample Preparation: 2013-12-04

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qs	2	1.00	mg/L	50	0.00100

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sample 347697 continued ...

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Toluene	Qs	2	<0.0500	mg/L	50	0.00100
Ethylbenzene	Qs	2	0.407	mg/L	50	0.00100
Xylene	Qs	2	0.148	mg/L	50	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	Qsr	Qsr	4.71	mg/L	50	0.100	4710	70 - 130
4-Bromofluorobenzene (4-BFB)	Qsr	Qsr	4.65	mg/L	50	0.100	4650	70 - 130

Sample: 347697 - MW-5

Laboratory: Lubbock

Analysis: PAH

QC Batch: 107324

Prep Batch: 90877

Analytical Method: S 8270D

Date Analyzed: 2013-12-05

Sample Preparation: 2013-12-03

Prep Method: S 3510C

Analyzed By: MN

Prepared By: MN

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Naphthalene		1	0.0349	mg/L	1	0.000200
2-Methylnaphthalene	Qr	1	0.0367	mg/L	1	0.000200
1-Methylnaphthalene	Qr		0.0473	mg/L	1	0.000200
Acenaphthylene	Qc,Qr,Qs,U	1	<0.000200	mg/L	1	0.000200
Acenaphthene	Qc,Qr,Qs,U	1	<0.000200	mg/L	1	0.000200
Dibenzofuran	Qr,Qs,U	1	<0.000200	mg/L	1	0.000200
Fluorene	Qc,Qr,Qs,U	1	<0.000200	mg/L	1	0.000200
Anthracene	Qr,Qs,U	1	<0.000200	mg/L	1	0.000200
Phenanthrene	Qr,Qs,U	1	<0.000200	mg/L	1	0.000200
Fluoranthene	U	1	<0.000200	mg/L	1	0.000200
Pyrene	Qc,U	1	<0.000200	mg/L	1	0.000200
Benzo(a)anthracene	U	1	<0.000200	mg/L	1	0.000200
Chrysene	Qs,U	1	<0.000200	mg/L	1	0.000200
Benzo(b)fluoranthene	U	1	<0.000200	mg/L	1	0.000200
Benzo(k)fluoranthene	U	1	<0.000200	mg/L	1	0.000200
Benzo(a)pyrene	U	1	<0.000200	mg/L	1	0.000200
Indeno(1,2,3-cd)pyrene	Qc,Qr,U	1	<0.000200	mg/L	1	0.000200
Dibenzo(a,h)anthracene	Qs,U	1	<0.000200	mg/L	1	0.000200
Benzo(g,h,i)perylene	Qc,Qr,U	1	<0.000200	mg/L	1	0.000200

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5	Qsr	Qsr	2.53	mg/L	1	8.00	32	40 - 110
2-Fluorobiphenyl			4.36	mg/L	1	8.00	54	50 - 110

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sample continued ...

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Terphenyl-d14	Q _{sr}	Q _{sr}	3.06	mg/L	1	8.00	38	50 - 135

Sample: 347698 - MW-18

Laboratory: Midland
Analysis: BTEX
QC Batch: 107318
Prep Batch: 90843

Analytical Method: S 8021B
Date Analyzed: 2013-12-05
Sample Preparation: 2013-12-05

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

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		2	2.96	mg/L	50	0.00100
Toluene		2	<0.0500	mg/L	50	0.00100
Ethylbenzene		2	2.00	mg/L	50	0.00100
Xylene		2	0.202	mg/L	50	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			4.83	mg/L	50	5.00	97	70 - 130
4-Bromofluorobenzene (4-BFB)			4.35	mg/L	50	5.00	87	70 - 130

Sample: 347698 - MW-18

Laboratory: Lubbock
Analysis: PAH
QC Batch: 107324
Prep Batch: 90877

Analytical Method: S 8270D
Date Analyzed: 2013-12-05
Sample Preparation: 2013-12-03

Prep Method: S 3510C
Analyzed By: MN
Prepared By: MN

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Naphthalene		1	0.0835	mg/L	1	0.000200
2-Methylnaphthalene	Q _r	1	0.0525	mg/L	1	0.000200
1-Methylnaphthalene	Q _r		0.0742	mg/L	1	0.000200
Acenaphthylene	Q _c , Q _r , Q _s , U	1	<0.000200	mg/L	1	0.000200
Acenaphthene	Q _c , Q _r , Q _s , U	1	<0.000200	mg/L	1	0.000200
Dibenzofuran	Q _r , Q _s , U	1	<0.000200	mg/L	1	0.000200
Fluorene	Q _c , Q _r , Q _s , U	1	<0.000200	mg/L	1	0.000200
Anthracene	Q _r , Q _s , U	1	<0.000200	mg/L	1	0.000200
Phenanthrene	Q _r , Q _s , U	1	<0.000200	mg/L	1	0.000200
Fluoranthene	U	1	<0.000200	mg/L	1	0.000200

continued ...

sample 347698 continued ...

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Pyrene	Qc,U	1	<0.000200	mg/L	1	0.000200
Benzo(a)anthracene	U	1	<0.000200	mg/L	1	0.000200
Chrysene	Qs,U	1	<0.000200	mg/L	1	0.000200
Benzo(b)fluoranthene	U	1	<0.000200	mg/L	1	0.000200
Benzo(k)fluoranthene	U	1	<0.000200	mg/L	1	0.000200
Benzo(a)pyrene	U	1	<0.000200	mg/L	1	0.000200
Indeno(1,2,3-cd)pyrene	Qc,Qr,U	1	<0.000200	mg/L	1	0.000200
Dibenzo(a,h)anthracene	Qs,U	1	<0.000200	mg/L	1	0.000200
Benzo(g,h,i)perylene	Qc,Qr,U	1	<0.000200	mg/L	1	0.000200

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5	Qsr	Qsr	2.08	mg/L	1	8.00	26	40 - 110
2-Fluorobiphenyl	Qsr	Qsr	3.69	mg/L	1	8.00	46	50 - 110
Terphenyl-d14	Qsr	Qsr	2.58	mg/L	1	8.00	32	50 - 135

Sample: 347699 - MW-17

Laboratory: Midland
Analysis: BTEX
QC Batch: 107318
Prep Batch: 90843

Analytical Method: S 8021B
Date Analyzed: 2013-12-05
Sample Preparation: 2013-12-05

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

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		2	1.74	mg/L	50	0.00100
Toluene		2	<0.0500	mg/L	50	0.00100
Ethylbenzene		2	0.721	mg/L	50	0.00100
Xylene		2	0.255	mg/L	50	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			4.79	mg/L	50	5.00	96	70 - 130
4-Bromofluorobenzene (4-BFB)			4.25	mg/L	50	5.00	85	70 - 130

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Sample: 347699 - MW-17

Laboratory: Lubbock

Analysis: PAH

QC Batch: 107324

Prep Batch: 90877

Analytical Method: S 8270D

Date Analyzed: 2013-12-05

Sample Preparation: 2013-12-03

Prep Method: S 3510C

Analyzed By: MN

Prepared By: MN

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Naphthalene		1	0.0900	mg/L	1	0.000200
2-Methylnaphthalene	Qr	1	0.0563	mg/L	1	0.000200
1-Methylnaphthalene	Qr		0.135	mg/L	1	0.000200
Acenaphthylene	Qc,Qr,Qs,U	1	<0.000200	mg/L	1	0.000200
Acenaphthene	Qc,Qr,Qs,U	1	<0.000200	mg/L	1	0.000200
Dibenzofuran	Qr,Qs,U	1	<0.000200	mg/L	1	0.000200
Fluorene	Qc,Qr,Qs,U	1	<0.000200	mg/L	1	0.000200
Anthracene	Qr,Qs,U	1	<0.000200	mg/L	1	0.000200
Phenanthrene	Qr,Qs,U	1	<0.000200	mg/L	1	0.000200
Fluoranthene	U	1	<0.000200	mg/L	1	0.000200
Pyrene	Qc,U	1	<0.000200	mg/L	1	0.000200
Benzo(a)anthracene	U	1	<0.000200	mg/L	1	0.000200
Chrysene	Qs,U	1	<0.000200	mg/L	1	0.000200
Benzo(b)fluoranthene	U	1	<0.000200	mg/L	1	0.000200
Benzo(k)fluoranthene	U	1	<0.000200	mg/L	1	0.000200
Benzo(a)pyrene	U	1	<0.000200	mg/L	1	0.000200
Indeno(1,2,3-cd)pyrene	Qc,Qr,U	1	<0.000200	mg/L	1	0.000200
Dibenzo(a,h)anthracene	Qs,U	1	<0.000200	mg/L	1	0.000200
Benzo(g,h,i)perylene	Qc,Qr,U	1	<0.000200	mg/L	1	0.000200

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5			3.40	mg/L	1	8.00	42	40 - 110
2-Fluorobiphenyl			6.57	mg/L	1	8.00	82	50 - 110
Terphenyl-d14			4.18	mg/L	1	8.00	52	50 - 135

Method Blanks

Method Blank (1) QC Batch: 107203

QC Batch: 107203 Date Analyzed: 2013-12-03 Analyzed By: AK
Prep Batch: 90739 QC Preparation: 2013-12-02 Prepared By: AK

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		2	<0.000238	mg/L	0.001
Toluene		2	<0.000181	mg/L	0.001
Ethylbenzene		2	<0.000247	mg/L	0.001
Xylene		2	<0.000189	mg/L	0.003

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0943	mg/L	1	0.100	94	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0815	mg/L	1	0.100	82	70 - 130

Method Blank (1) QC Batch: 107234

QC Batch: 107234 Date Analyzed: 2013-12-04 Analyzed By: AK
Prep Batch: 90746 QC Preparation: 2013-12-02 Prepared By: AK

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		2	<0.000238	mg/L	0.001
Toluene		2	<0.000181	mg/L	0.001
Ethylbenzene		2	<0.000247	mg/L	0.001
Xylene		2	<0.000189	mg/L	0.003

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0940	mg/L	1	0.100	94	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0797	mg/L	1	0.100	80	70 - 130

Method Blank (1) QC Batch: 107280

QC Batch: 107280 Date Analyzed: 2013-12-04 Analyzed By: AK
Prep Batch: 90804 QC Preparation: 2013-12-04 Prepared By: AK

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Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		2	<0.000200	mg/L	0.001
Toluene		2	<0.000300	mg/L	0.001
Ethylbenzene		2	<0.000400	mg/L	0.001
Xylene		2	<0.00120	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0958	mg/L	1	0.100	96	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0909	mg/L	1	0.100	91	70 - 130

Method Blank (1) QC Batch: 107318

QC Batch: 107318 Date Analyzed: 2013-12-05 Analyzed By: AK
Prep Batch: 90843 QC Preparation: 2013-12-05 Prepared By: AK

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		2	<0.000238	mg/L	0.001
Toluene		2	<0.000181	mg/L	0.001
Ethylbenzene		2	<0.000247	mg/L	0.001
Xylene		2	<0.000189	mg/L	0.003

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0962	mg/L	1	0.100	96	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0796	mg/L	1	0.100	80	70 - 130

Method Blank (1) QC Batch: 107324

QC Batch: 107324 Date Analyzed: 2013-12-05 Analyzed By: MN
Prep Batch: 90877 QC Preparation: 2013-12-03 Prepared By: MN

Parameter	Flag	Cert	MDL Result	Units	RL
Naphthalene		1	<0.000121	mg/L	0.0002
2-Methylnaphthalene		1	<0.0000913	mg/L	0.0002
1-Methylnaphthalene			<0.000109	mg/L	0.0002
Acenaphthylene		1	<0.000100	mg/L	0.0002

continued ...

method blank continued ...

Parameter	Flag	Cert	MDL Result	Units	RL
Acenaphthene		1	<0.000122	mg/L	0.0002
Dibenzofuran		1	<0.000108	mg/L	0.0002
Fluorene		1	<0.000100	mg/L	0.0002
Anthracene		1	<0.0000791	mg/L	0.0002
Phenanthrene		1	<0.0000824	mg/L	0.0002
Fluoranthene		1	<0.000124	mg/L	0.0002
Pyrene		1	<0.0000691	mg/L	0.0002
Benzo(a)anthracene		1	<0.000101	mg/L	0.0002
Chrysene		1	<0.0000769	mg/L	0.0002
Benzo(b)fluoranthene		1	<0.0000813	mg/L	0.0002
Benzo(k)fluoranthene		1	<0.0000790	mg/L	0.0002
Benzo(a)pyrene		1	<0.0000701	mg/L	0.0002
Indeno(1,2,3-cd)pyrene		1	<0.0000770	mg/L	0.0002
Dibenzo(a,h)anthracene		1	<0.0000851	mg/L	0.0002
Benzo(g,h,i)perylene		1	<0.0000798	mg/L	0.0002

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5			8.17	mg/L	1	8.00	102	40 - 110
2-Fluorobiphenyl	Q _{sr}	Q _{sr}	10.6	mg/L	1	8.00	132	50 - 110
Terphenyl-d14			6.64	mg/L	1	8.00	83	50 - 135

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 107203
Prep Batch: 90739

Date Analyzed: 2013-12-03
QC Preparation: 2013-12-02

Analyzed By: AK
Prepared By: AK

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		2	0.0958	mg/L	1	0.100	<0.000238	96	70 - 130
Toluene		2	0.0943	mg/L	1	0.100	<0.000181	94	70 - 130
Ethylbenzene		2	0.102	mg/L	1	0.100	<0.000247	102	70 - 130
Xylene		2	0.309	mg/L	1	0.300	<0.000189	103	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		2	0.0973	mg/L	1	0.100	<0.000238	97	70 - 130	2	20
Toluene		2	0.0958	mg/L	1	0.100	<0.000181	96	70 - 130	2	20
Ethylbenzene		2	0.104	mg/L	1	0.100	<0.000247	104	70 - 130	2	20
Xylene		2	0.314	mg/L	1	0.300	<0.000189	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	LCS Result	Units	Dil.	Spike Amount	LCS Rec.	LCS Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0969	0.0989	mg/L	1	0.100	97	99	70 - 130
4-Bromofluorobenzene (4-BFB)	0.101	0.102	mg/L	1	0.100	101	102	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 107234
Prep Batch: 90746

Date Analyzed: 2013-12-04
QC Preparation: 2013-12-02

Analyzed By: AK
Prepared By: AK

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		2	0.0913	mg/L	1	0.100	<0.000238	91	70 - 130
Toluene		2	0.0918	mg/L	1	0.100	<0.000181	92	70 - 130
Ethylbenzene		2	0.101	mg/L	1	0.100	<0.000247	101	70 - 130
Xylene		2	0.306	mg/L	1	0.300	<0.000189	102	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		2	0.0945	mg/L	1	0.100	<0.000238	94	70 - 130	3	20
Toluene		2	0.0946	mg/L	1	0.100	<0.000181	95	70 - 130	3	20
Ethylbenzene		2	0.103	mg/L	1	0.100	<0.000247	103	70 - 130	2	20
Xylene		2	0.310	mg/L	1	0.300	<0.000189	104	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)	0.0971	0.100	mg/L	1	0.100	97	100	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0986	0.0994	mg/L	1	0.100	99	99	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 107280
Prep Batch: 90804

Date Analyzed: 2013-12-04
QC Preparation: 2013-12-04

Analyzed By: AK
Prepared By: AK

Param	F	C	LCS		Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
			Result	Units					
Benzene		2	0.0976	mg/L	1	0.100	<0.000200	98	70 - 130
Toluene		2	0.0953	mg/L	1	0.100	<0.000300	95	70 - 130
Ethylbenzene		2	0.0922	mg/L	1	0.100	<0.000400	92	70 - 130
Xylene		2	0.281	mg/L	1	0.300	<0.00120	94	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		2	0.100	mg/L	1	0.100	<0.000200	100	70 - 130	2	20
Toluene		2	0.0987	mg/L	1	0.100	<0.000300	99	70 - 130	4	20
Ethylbenzene		2	0.0960	mg/L	1	0.100	<0.000400	96	70 - 130	4	20
Xylene		2	0.291	mg/L	1	0.300	<0.00120	97	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	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0934	0.0953	mg/L	1	0.100	93	95	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0950	0.0960	mg/L	1	0.100	95	96	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 107318
Prep Batch: 90843

Date Analyzed: 2013-12-05
QC Preparation: 2013-12-05

Analyzed By: AK
Prepared By: AK

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		2	0.0994	mg/L	1	0.100	<0.000238	99	70 - 130
Toluene		2	0.0979	mg/L	1	0.100	<0.000181	98	70 - 130
Ethylbenzene		2	0.105	mg/L	1	0.100	<0.000247	105	70 - 130
Xylene		2	0.316	mg/L	1	0.300	<0.000189	105	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		2	0.0938	mg/L	1	0.100	<0.000238	94	70 - 130	6	20
Toluene		2	0.0920	mg/L	1	0.100	<0.000181	92	70 - 130	6	20
Ethylbenzene		2	0.0988	mg/L	1	0.100	<0.000247	99	70 - 130	6	20
Xylene		2	0.298	mg/L	1	0.300	<0.000189	99	70 - 130	6	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)	0.104	0.101	mg/L	1	0.100	104	101	70 - 130
4-Bromofluorobenzene (4-BFB)	0.106	0.102	mg/L	1	0.100	106	102	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 107324
Prep Batch: 90877

Date Analyzed: 2013-12-05
QC Preparation: 2013-12-03

Analyzed By: MN
Prepared By: MN

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Naphthalene		1	5.69	mg/L	1	8.00	<0.000121	71	40 - 100
2-Methylnaphthalene		1	5.25	mg/L	1	8.00	<0.0000913	66	45 - 105
1-Methylnaphthalene			5.11	mg/L	1	8.00	<0.000109	64	34.3 - 120
Acenaphthylene		1	5.24	mg/L	1	8.00	<0.000100	66	55 - 105
Acenaphthene	Qs	Qs	1.16	mg/L	1	8.00	<0.000122	14	45 - 110
Dibenzofuran		1	6.02	mg/L	1	8.00	<0.000108	75	55 - 105
Fluorene	Qs	Qs	9.32	mg/L	1	8.00	<0.000100	116	50 - 110
Anthracene	Qs	Qs	2.82	mg/L	1	8.00	<0.0000791	35	55 - 110
Phenanthrene	Qs	Qs	2.86	mg/L	1	8.00	<0.0000824	36	50 - 115
Fluoranthene		1	4.93	mg/L	1	8.00	<0.000124	62	55 - 115

continued ...

control spikes continued ...

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Pyrene		1	5.62	mg/L	1	8.00	<0.0000691	70	50 - 130
Benzo(a)anthracene		1	5.75	mg/L	1	8.00	<0.000101	72	55 - 110
Chrysene	Q _s	Q _s	3.84	mg/L	1	8.00	<0.0000769	48	55 - 110
Benzo(b)fluoranthene		1	6.31	mg/L	1	8.00	<0.0000813	79	45 - 120
Benzo(k)fluoranthene		1	5.18	mg/L	1	8.00	<0.0000790	65	45 - 125
Benzo(a)pyrene		1	5.55	mg/L	1	8.00	<0.0000701	69	55 - 110
Indeno(1,2,3-cd)pyrene		1	6.78	mg/L	1	8.00	<0.0000770	85	45 - 125
Dibenzo(a,h)anthracene		1	4.25	mg/L	1	8.00	<0.0000851	53	40 - 125
Benzo(g,h,i)perylene		1	9.37	mg/L	1	8.00	<0.0000798	117	40 - 125

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	5.50	mg/L	1	8.00	<0.000121	69	40 - 100	3	20
2-Methylnaphthalene	Q _r	Q _r	6.59	mg/L	1	8.00	<0.0000913	82	45 - 105	23	20
1-Methylnaphthalene	Q _r	Q _r	6.89	mg/L	1	8.00	<0.000109	86	34.3 - 120	30	20
Acenaphthylene		1	5.90	mg/L	1	8.00	<0.000100	74	55 - 105	12	20
Acenaphthene	Q _s	Q _s	1.24	mg/L	1	8.00	<0.000122	16	45 - 110	7	20
Dibenzofuran		1	6.15	mg/L	1	8.00	<0.000108	77	55 - 105	2	20
Fluorene	Q _r	Q _r	6.15	mg/L	1	8.00	<0.000100	77	50 - 110	41	20
Anthracene	Q _r , Q _s	Q _r , Q _s	4.08	mg/L	1	8.00	<0.0000791	51	55 - 110	36	20
Phenanthrene	Q _r	Q _r	4.12	mg/L	1	8.00	<0.0000824	52	50 - 115	36	20
Fluoranthene		1	4.96	mg/L	1	8.00	<0.000124	62	55 - 115	1	20
Pyrene		1	5.60	mg/L	1	8.00	<0.0000691	70	50 - 130	0	20
Benzo(a)anthracene		1	5.56	mg/L	1	8.00	<0.000101	70	55 - 110	3	20
Chrysene	Q _s	Q _s	3.70	mg/L	1	8.00	<0.0000769	46	55 - 110	4	20
Benzo(b)fluoranthene		1	6.07	mg/L	1	8.00	<0.0000813	76	45 - 120	4	20
Benzo(k)fluoranthene		1	5.00	mg/L	1	8.00	<0.0000790	62	45 - 125	4	20
Benzo(a)pyrene		1	5.37	mg/L	1	8.00	<0.0000701	67	55 - 110	3	20
Indeno(1,2,3-cd)pyrene	Q _r	Q _r	4.78	mg/L	1	8.00	<0.0000770	60	45 - 125	35	20
Dibenzo(a,h)anthracene		1	3.85	mg/L	1	8.00	<0.0000851	48	40 - 125	10	20
Benzo(g,h,i)perylene	Q _r	Q _r	7.46	mg/L	1	8.00	<0.0000798	93	40 - 125	23	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
Nitrobenzene-d5			5.37	12.8	mg/L	1	8.00	67	160	40 - 110
2-Fluorobiphenyl	Q _{sr}	Q _{sr}	18.7	7.44	mg/L	1	8.00	234	93	50 - 110
Terphenyl-d14			7.26	6.92	mg/L	1	8.00	91	86	50 - 135

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Matrix Spike (MS-1) Spiked Sample: 347323

QC Batch: 107203
Prep Batch: 90739

Date Analyzed: 2013-12-03
QC Preparation: 2013-12-02

Analyzed By: AK
Prepared By: AK

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		2	5.44	mg/L	50	5.00	0.65	96	70 - 130
Toluene		2	5.06	mg/L	50	5.00	0.291	95	70 - 130
Ethylbenzene		2	5.12	mg/L	50	5.00	0.0215	102	70 - 130
Xylene		2	15.6	mg/L	50	15.0	0.0723	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		2	5.56	mg/L	50	5.00	0.65	98	70 - 130	2	20
Toluene		2	5.21	mg/L	50	5.00	0.291	98	70 - 130	3	20
Ethylbenzene		2	5.26	mg/L	50	5.00	0.0215	105	70 - 130	3	20
Xylene		2	15.9	mg/L	50	15.0	0.0723	106	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)	4.86	4.88	mg/L	50	5	97	98	70 - 130
4-Bromofluorobenzene (4-BFB)	5.03	5.07	mg/L	50	5	101	101	70 - 130

Matrix Spike (MS-1) Spiked Sample: 347688

QC Batch: 107234
Prep Batch: 90746

Date Analyzed: 2013-12-04
QC Preparation: 2013-12-02

Analyzed By: AK
Prepared By: AK

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		2	0.101	mg/L	1	0.100	0.0026	98	70 - 130
Toluene		2	0.0962	mg/L	1	0.100	<0.000181	96	70 - 130
Ethylbenzene		2	0.102	mg/L	1	0.100	<0.000247	102	70 - 130
Xylene		2	0.309	mg/L	1	0.300	<0.000189	103	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		2	0.103	mg/L	1	0.100	0.0026	100	70 - 130	2	20
Toluene		2	0.0978	mg/L	1	0.100	<0.000181	98	70 - 130	2	20

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Param	F	C	MSD		Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
			Result	Units							
Ethylbenzene		2	0.105	mg/L	1	0.100	<0.000247	105	70 - 130	3	20
Xylene		2	0.316	mg/L	1	0.300	<0.000189	105	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)	0.0986	0.0990	mg/L	1	0.1	99	99	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0991	0.100	mg/L	1	0.1	99	100	70 - 130

Matrix Spike (MS-1) Spiked Sample: 347640

QC Batch: 107280
Prep Batch: 90804

Date Analyzed: 2013-12-04
QC Preparation: 2013-12-04

Analyzed By: AK
Prepared By: AK

Param	F	C	MS		Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
			Result	Units					
Benzene	Q _s	Q _s	2	5.55	mg/L	50	0.100	0.721	4829
Toluene	Q _s	Q _s	2	5.25	mg/L	50	0.100	0.508	4742
Ethylbenzene	Q _s	Q _s	2	4.72	mg/L	50	0.100	0.158	4562
Xylene	Q _s	Q _s	2	14.4	mg/L	50	0.300	0.616	4595

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

Param	F	C	MSD		Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
			Result	Units							
Benzene	Q _s	Q _s	2	5.58	mg/L	50	0.100	0.721	4859	70 - 130	0
Toluene	Q _s	Q _s	2	5.34	mg/L	50	0.100	0.508	4832	70 - 130	2
Ethylbenzene	Q _s	Q _s	2	4.83	mg/L	50	0.100	0.158	4672	70 - 130	2
Xylene	Q _s	Q _s	2	14.7	mg/L	50	0.300	0.616	4695	70 - 130	2

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)	Q _{sr}	Q _{sr}	4.44	4.51	mg/L	50	0.1	4440
4-Bromofluorobenzene (4-BFB)	Q _{sr}	Q _{sr}	4.67	4.74	mg/L	50	0.1	4670

Matrix Spike (MS-1) Spiked Sample: 347698

QC Batch: 107318
Prep Batch: 90843

Date Analyzed: 2013-12-05
QC Preparation: 2013-12-05

Analyzed By: AK
Prepared By: AK

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Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		2	7.59	mg/L	50	5.00	2.96	93	70 - 130
Toluene		2	4.47	mg/L	50	5.00	0.0185	89	70 - 130
Ethylbenzene		2	7.07	mg/L	50	5.00	2	101	70 - 130
Xylene		2	14.7	mg/L	50	15.0	0.202	97	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		2	7.68	mg/L	50	5.00	2.96	94	70 - 130	1	20
Toluene		2	4.62	mg/L	50	5.00	0.0185	92	70 - 130	3	20
Ethylbenzene		2	7.27	mg/L	50	5.00	2	105	70 - 130	3	20
Xylene		2	15.3	mg/L	50	15.0	0.202	101	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)	4.95	4.90	mg/L	50	5	99	98	70 - 130
4-Bromofluorobenzene (4-BFB)	5.05	5.08	mg/L	50	5	101	102	70 - 130

Matrix Spike (MS-1) Spiked Sample: 347698

QC Batch: 107324
Prep Batch: 90877

Date Analyzed: 2013-12-05
QC Preparation: 2013-12-03

Analyzed By: MN
Prepared By: MN

Param			MS			Spike	Matrix		Rec.	
	F	C	Result	Units	Dil.	Amount	Result	Rec.	Limit	
Naphthalene			1	5.90	mg/L	1	8.00	0.0835	73	40 - 100
2-Methylnaphthalene			1	6.21	mg/L	1	8.00	0.0525	77	45 - 105
1-Methylnaphthalene				6.22	mg/L	1	8.00	0.0742	77	34.3 - 120
Acenaphthylene	Qs	Qs	1	97.0	mg/L	1	8.00	<0.000100	1212	55 - 105
Acenaphthene	Qs	Qs	1	30.5	mg/L	1	8.00	<0.000122	381	45 - 110
Dibenzofuran			1	4.90	mg/L	1	8.00	<0.000108	61	55 - 105
Fluorene			1	7.26	mg/L	1	8.00	<0.000100	91	50 - 110
Anthracene			1	4.81	mg/L	1	8.00	<0.0000791	60	55 - 110
Phenanthrene			1	5.21	mg/L	1	8.00	<0.0000824	65	50 - 115
Fluoranthene			1	4.58	mg/L	1	8.00	<0.000124	57	55 - 115
Pyrene			1	7.28	mg/L	1	8.00	<0.0000691	91	50 - 130
Benzo(a)anthracene			1	7.10	mg/L	1	8.00	<0.000101	89	55 - 110
Chrysene			1	5.26	mg/L	1	8.00	<0.0000769	66	55 - 110
Benzo(b)fluoranthene			1	4.78	mg/L	1	8.00	<0.0000813	60	45 - 120
Benzo(k)fluoranthene			1	5.14	mg/L	1	8.00	<0.0000790	64	45 - 125
Benzo(a)pyrene			1	5.30	mg/L	1	8.00	<0.0000701	66	55 - 110

continued ...

matrix spikes continued ...

Param			MS			Spike	Matrix		Rec.
	F	C	Result	Units	Dil.	Amount	Result	Rec.	Limit
Indeno(1,2,3-cd)pyrene		1	4.16	mg/L	1	8.00	<0.0000770	52	45 - 125
Dibenzo(a,h)anthracene	Qs	Qs	2.64	mg/L	1	8.00	<0.0000851	33	40 - 125
Benzo(g,h,i)perylene		1	4.40	mg/L	1	8.00	<0.0000798	55	40 - 125

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	
Naphthalene		1	5.48	mg/L	1	8.00	0.0835	67	40 - 100	7	20	
2-Methylnaphthalene		1	5.44	mg/L	1	8.00	0.0525	67	45 - 105	13	20	
1-Methylnaphthalene			5.22	mg/L	1	8.00	0.0742	64	34.3 - 120	18	20	
Acenaphthylene	Qr, Qs	Qr, Qs	1	72.9	mg/L	1	8.00	<0.000100	911	55 - 105	28	20
Acenaphthene	Qr, Qs	Qr, Qs	1	21.8	mg/L	1	8.00	<0.000122	272	45 - 110	33	20
Dibenzofuran	Qr, Qs	Qr, Qs	1	3.74	mg/L	1	8.00	<0.000108	47	55 - 105	27	20
Fluorene	Qr	Qr	1	5.01	mg/L	1	8.00	<0.000100	63	50 - 110	37	20
Anthracene		1	4.43	mg/L	1	8.00	<0.0000791	55	55 - 110	8	20	
Phenanthrene		1	4.81	mg/L	1	8.00	<0.0000824	60	50 - 115	8	20	
Fluoranthene		1	4.59	mg/L	1	8.00	<0.000124	57	55 - 115	0	20	
Pyrene		1	6.81	mg/L	1	8.00	<0.0000691	85	50 - 130	7	20	
Benzo(a)anthracene		1	6.61	mg/L	1	8.00	<0.000101	83	55 - 110	7	20	
Chrysene		1	4.73	mg/L	1	8.00	<0.0000769	59	55 - 110	11	20	
Benzo(b)fluoranthene		1	4.21	mg/L	1	8.00	<0.0000813	53	45 - 120	13	20	
Benzo(k)fluoranthene		1	4.73	mg/L	1	8.00	<0.0000790	59	45 - 125	8	20	
Benzo(a)pyrene		1	4.79	mg/L	1	8.00	<0.0000701	60	55 - 110	10	20	
Indeno(1,2,3-cd)pyrene		1	3.84	mg/L	1	8.00	<0.0000770	48	45 - 125	8	20	
Dibenzo(a,h)anthracene	Qs	Qs	1	2.56	mg/L	1	8.00	<0.0000851	32	40 - 125	3	20
Benzo(g,h,i)perylene		1	4.07	mg/L	1	8.00	<0.0000798	51	40 - 125	8	20	

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

			MS	MSD			Spike	MS	MSD	Rec.
Surrogate			Result	Result	Units	Dil.	Amount	Rec.	Rec.	Limit
Nitrobenzene-d5	Q _{sr}	Q _{sr}	2.21	2.50	mg/L	1	8	28	31	40 - 110
2-Fluorobiphenyl			4.19	2.72	mg/L	1	8	52	34	50 - 110
Terphenyl-d14	Q _{sr}	Q _{sr}	2.96	2.90	mg/L	1	8	37	36	50 - 135

Calibration Standards

Standard (CCV-1)

QC Batch: 107203

Date Analyzed: 2013-12-03

Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		2	mg/L	0.100	0.0986	99	80 - 120	2013-12-03
Toluene		2	mg/L	0.100	0.0973	97	80 - 120	2013-12-03
Ethylbenzene		2	mg/L	0.100	0.105	105	80 - 120	2013-12-03
Xylene		2	mg/L	0.300	0.318	106	80 - 120	2013-12-03

Standard (CCV-2)

QC Batch: 107203

Date Analyzed: 2013-12-03

Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		2	mg/L	0.100	0.0948	95	80 - 120	2013-12-03
Toluene		2	mg/L	0.100	0.0931	93	80 - 120	2013-12-03
Ethylbenzene		2	mg/L	0.100	0.0998	100	80 - 120	2013-12-03
Xylene		2	mg/L	0.300	0.302	101	80 - 120	2013-12-03

Standard (CCV-3)

QC Batch: 107203

Date Analyzed: 2013-12-03

Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		2	mg/L	0.100	0.0960	96	80 - 120	2013-12-03
Toluene		2	mg/L	0.100	0.0941	94	80 - 120	2013-12-03
Ethylbenzene		2	mg/L	0.100	0.101	101	80 - 120	2013-12-03
Xylene		2	mg/L	0.300	0.306	102	80 - 120	2013-12-03

Report Date: December 9, 2013
TNM 97-18

Work Order: 13112727
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Eunice, NM

Standard (CCV-1)

QC Batch: 107234

Date Analyzed: 2013-12-04

Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		2	mg/L	0.100	0.0960	96	80 - 120	2013-12-04
Toluene		2	mg/L	0.100	0.0941	94	80 - 120	2013-12-04
Ethylbenzene		2	mg/L	0.100	0.101	101	80 - 120	2013-12-04
Xylene		2	mg/L	0.300	0.306	102	80 - 120	2013-12-04

Standard (CCV-2)

QC Batch: 107234

Date Analyzed: 2013-12-04

Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		2	mg/L	0.100	0.0976	98	80 - 120	2013-12-04
Toluene		2	mg/L	0.100	0.0980	98	80 - 120	2013-12-04
Ethylbenzene		2	mg/L	0.100	0.106	106	80 - 120	2013-12-04
Xylene		2	mg/L	0.300	0.321	107	80 - 120	2013-12-04

Standard (CCV-3)

QC Batch: 107234

Date Analyzed: 2013-12-04

Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		2	mg/L	0.100	0.0985	98	80 - 120	2013-12-04
Toluene		2	mg/L	0.100	0.0954	95	80 - 120	2013-12-04
Ethylbenzene		2	mg/L	0.100	0.101	101	80 - 120	2013-12-04
Xylene		2	mg/L	0.300	0.302	101	80 - 120	2013-12-04

Standard (CCV-1)

QC Batch: 107280

Date Analyzed: 2013-12-04

Analyzed By: AK

Report Date: December 9, 2013
TNM 97-18

Work Order: 13112727
9718

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Eunice, NM

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		2	mg/L	0.100	0.0973	97	80 - 120	2013-12-04
Toluene		2	mg/L	0.100	0.0955	96	80 - 120	2013-12-04
Ethylbenzene		2	mg/L	0.100	0.0924	92	80 - 120	2013-12-04
Xylene		2	mg/L	0.300	0.280	93	80 - 120	2013-12-04

Standard (CCV-2)

QC Batch: 107280

Date Analyzed: 2013-12-04

Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		2	mg/L	0.100	0.0973	97	80 - 120	2013-12-04
Toluene		2	mg/L	0.100	0.0956	96	80 - 120	2013-12-04
Ethylbenzene		2	mg/L	0.100	0.0922	92	80 - 120	2013-12-04
Xylene		2	mg/L	0.300	0.277	92	80 - 120	2013-12-04

Standard (CCV-1)

QC Batch: 107318

Date Analyzed: 2013-12-05

Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		2	mg/L	0.100	0.102	102	80 - 120	2013-12-05
Toluene		2	mg/L	0.100	0.0999	100	80 - 120	2013-12-05
Ethylbenzene		2	mg/L	0.100	0.108	108	80 - 120	2013-12-05
Xylene		2	mg/L	0.300	0.322	107	80 - 120	2013-12-05

Standard (CCV-2)

QC Batch: 107318

Date Analyzed: 2013-12-05

Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		2	mg/L	0.100	0.0970	97	80 - 120	2013-12-05

continued ...

Report Date: December 9, 2013
TNM 97-18

Work Order: 13112727
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Eunice, NM

standard continued ...

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Toluene		2	mg/L	0.100	0.0956	96	80 - 120	2013-12-05
Ethylbenzene		2	mg/L	0.100	0.103	103	80 - 120	2013-12-05
Xylene		2	mg/L	0.300	0.312	104	80 - 120	2013-12-05

Standard (CCV-3)

QC Batch: 107318

Date Analyzed: 2013-12-05

Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		2	mg/L	0.100	0.0963	96	80 - 120	2013-12-05
Toluene		2	mg/L	0.100	0.0945	94	80 - 120	2013-12-05
Ethylbenzene		2	mg/L	0.100	0.100	100	80 - 120	2013-12-05
Xylene		2	mg/L	0.300	0.304	101	80 - 120	2013-12-05

Standard (CCV-4)

QC Batch: 107318

Date Analyzed: 2013-12-05

Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		2	mg/L	0.100	0.0985	98	80 - 120	2013-12-05
Toluene		2	mg/L	0.100	0.0970	97	80 - 120	2013-12-05
Ethylbenzene		2	mg/L	0.100	0.105	105	80 - 120	2013-12-05
Xylene		2	mg/L	0.300	0.316	105	80 - 120	2013-12-05

Standard (CCV-1)

QC Batch: 107324

Date Analyzed: 2013-12-05

Analyzed By: MN

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Naphthalene		1	mg/L	60.0	64.1	107	80 - 120	2013-12-05

continued ...

standard continued ...

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
2-Methylnaphthalene		1	mg/L	60.0	68.6	114	80 - 120	2013-12-05
1-Methylnaphthalene			mg/L	60.0	52.4	87	80 - 120	2013-12-05
Acenaphthylene		1	mg/L	60.0	59.1	98	80 - 120	2013-12-05
Acenaphthene		1	mg/L	60.0	63.1	105	80 - 120	2013-12-05
Dibenzofuran		1	mg/L	60.0	55.8	93	80 - 120	2013-12-05
Fluorene	Qc	Qc	1	mg/L	60.0	76.8	128	80 - 120
Anthracene		1	mg/L	60.0	61.2	102	80 - 120	2013-12-05
Phenanthrene		1	mg/L	60.0	66.7	111	80 - 120	2013-12-05
Fluoranthene		1	mg/L	60.0	56.2	94	80 - 120	2013-12-05
Pyrene	Qc	Qc	1	mg/L	60.0	94.2	157	80 - 120
Benzo(a)anthracene		1	mg/L	60.0	60.4	101	80 - 120	2013-12-05
Chrysene		1	mg/L	60.0	51.6	86	80 - 120	2013-12-05
Benzo(b)fluoranthene		1	mg/L	60.0	49.0	82	80 - 120	2013-12-05
Benzo(k)fluoranthene		1	mg/L	60.0	52.0	87	80 - 120	2013-12-05
Benzo(a)pyrene		1	mg/L	60.0	69.9	116	80 - 120	2013-12-05
Indeno(1,2,3-cd)pyrene	Qc	Qc	1	mg/L	60.0	46.3	77	80 - 120
Dibenzo(a,h)anthracene		1	mg/L	60.0	50.4	84	80 - 120	2013-12-05
Benzo(g,h,i)perylene	Qc	Qc	1	mg/L	60.0	47.3	79	80 - 120

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limit
Nitrobenzene-d5			88.8	mg/L	1	60.0	148	-
2-Fluorobiphenyl			65.3	mg/L	1	60.0	109	-
Terphenyl-d14			91.1	mg/L	1	60.0	152	-

Standard (CCV-2)

QC Batch: 107324

Date Analyzed: 2013-12-05

Analyzed By: MN

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Naphthalene		1	mg/L	60.0	58.7	98	80 - 120	2013-12-05
2-Methylnaphthalene		1	mg/L	60.0	60.6	101	80 - 120	2013-12-05
1-Methylnaphthalene			mg/L	60.0	61.4	102	80 - 120	2013-12-05
Acenaphthylene	Qc	Qc	1	mg/L	60.0	919	1532	80 - 120
Acenaphthene	Qc	Qc	1	mg/L	60.0	284	473	80 - 120
Dibenzofuran		1	mg/L	60.0	55.5	92	80 - 120	2013-12-05
Fluorene	Qc	Qc	1	mg/L	60.0	83.1	138	80 - 120
Anthracene		1	mg/L	60.0	50.3	84	80 - 120	2013-12-05
Phenanthrene		1	mg/L	60.0	49.1	82	80 - 120	2013-12-05

continued ...

standard continued ...

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Fluoranthene		1	mg/L	60.0	58.1	97	80 - 120	2013-12-05
Pyrene		1	mg/L	60.0	64.4	107	80 - 120	2013-12-05
Benzo(a)anthracene		1	mg/L	60.0	63.6	106	80 - 120	2013-12-05
Chrysene		1	mg/L	60.0	61.6	103	80 - 120	2013-12-05
Benzo(b)fluoranthene		1	mg/L	60.0	50.7	84	80 - 120	2013-12-05
Benzo(k)fluoranthene		1	mg/L	60.0	55.9	93	80 - 120	2013-12-05
Benzo(a)pyrene		1	mg/L	60.0	60.4	101	80 - 120	2013-12-05
Indeno(1,2,3-cd)pyrene		1	mg/L	60.0	56.1	94	80 - 120	2013-12-05
Dibenzo(a,h)anthracene		1	mg/L	60.0	49.8	83	80 - 120	2013-12-05
Benzo(g,h,i)perylene		1	mg/L	60.0	56.8	95	80 - 120	2013-12-05

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limit
Nitrobenzene-d5			70.0	mg/L	1	60.0	117	-
2-Fluorobiphenyl			80.9	mg/L	1	60.0	135	-
Terphenyl-d14			55.8	mg/L	1	60.0	93	-

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	T104704219-13-9	Lubbock
2	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

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
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
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BioAquatic Testing
2501 Mayes Rd., Ste 100
Carrollton, Texas 75006
Tel (972) 242-7750
Fax (575) 392-4508

Company Name:

Nova

Address: (Street, City, Zip)

2057 Commerce Midland TX

Phone #:

(432) 520-7720

Fax #:

Contact Person:

Curt Stanley

E-mail:

Invoice to:

(If different from above)

Project #:

Jm 97-18

Project Name:

97-18

Project Location (including state):

Sampler Signature:

David Fletcher

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

684	MW30	3	VOA					X			X			11/27/13	948
685	MW8														1004
686	MW9														1020
687	MW20														1101
688	MW23														1114
689	MW6	6													1129
690	MW2														1144
691	Rw1														1200
692	MW10														1207
693	MW24	3													1228
694	MW3	6													1234

Relinquished by:	Company:	Date:	Received by:	Company:	Date:	INST	INST
David Fletcher Nova	Nova	11/27/13	David Fletcher	FA	11/27/13	1543	1543
Relinquished by:	Company:	Date:	Received by:	Company:	Date:	OBS	OBS
David Fletcher Nova	Nova	11/27/13	David Fletcher	FA	11/27/13	36	36
Relinquished by:	Company:	Date:	Received by:	Company:	Date:	COR	COR
David Fletcher Nova	Nova	11/27/13	David Fletcher	FA	11/27/13	35	35

ANALYSIS REQUEST

(Circle or Specify Method No.)

MTBE	8021 / 602 / 8260 / 624	X
BTEX	8021 / 602 / 8260 / 624	X
TPH 418.1 / TX1005 / TX1005 Exi(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

INST

OBS

COR

INST

OBS

COR

INST

OBS

COR

INST

OBS

COR

INST

OBS

COR

INST

OBS

COR

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

ORIGINAL COPY

Carrier #

25 70629088

TraceAnalysis, Inc.

email: lab@traceanalysis.com

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2501 Mayes Rd., Ste 100
Carrollton, Texas 75006
Tel (972) 242-7750
Fax (575) 392-7561
Fax (575) 392-4508

Company Name:

NOVA

(Street, City, Zip)

Address: 2057 Commerce Midland Tx

Phone #:

(432) 520-7720

Fax #:

E-mail:

Contact Person: Curt Stanley

Invoice to:

(If different from above) Plains

Project #:

TVM 97-18

Project Name:

97-18

Project Location (including state):

Sampler Signature: David Fletcher

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX			PRESERVATIVE METHOD						SAMPLING		TIME
				WATER	SOIL	AIR	SLUDGE	HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE	NONE	DATE	
695	mw4	6	van	X				X				X	11/27/13	1241	
696	Rw2													1258	
697	mw5													1303	
698	mw18													1318	
699	mw17													1323	

ANALYSIS REQUEST

(Circle or Specify Method No.)

MTBE 8021 / 602 / 8260 / 624	TPH 418.1 / TX1005 / TX1005 Ex(C35)	TPH 8015 GRO / DRO / TVHC	PAH 8270 / 625	Total Metals Ag As Ba Cd Cr Pb Se Hg 8010/200.7	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	Hold
------------------------------	-------------------------------------	---------------------------	----------------	---	-------------------------------------	----------------	---------------------	-----------------	-----	-----------------------	-----------------------------	-----------------	-----------------------	--------------	------------------	---	------------------------	---	------

REMARKS:**LAB USE ONLY**INST: 11/27/13
OBS: 36°C
COR: 3.5°C

Time: 1545

Date: 11/27/13

Company: TA

Received by: [Signature]

Time: 11/27/13

Date: 11/27/13

Company: NOVA

Relinquished by: David Fletcher

Time: 11/27/13

Date: 11/27/13

Company: NOVA

INST: 11/27/13
OBS: 36°C
COR: 3.5°C

Time: 1545

Date: 11/27/13

Company: TA

Received by: [Signature]

Time: 11/27/13

Date: 11/27/13

Company: NOVA

Relinquished by: David Fletcher

Time: 11/27/13

Date: 11/27/13

Company: NOVA

Dry Weight Basis Required
TRAP Report Required
Check if Special Reporting
Limits Are NeededInitial Y N
Headspace Y N /NAINST: 11/27/13
OBS: 36°C
COR: 3.5°C

Time: 1545

Date: 11/27/13

Company: TA

Received by: [Signature]

Time: 11/27/13

Date: 11/27/13

Company: NOVA

Relinquished by: David Fletcher

Time: 11/27/13

Date: 11/27/13

Company: NOVA

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Summary Report

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

Report Date: January 3, 2014

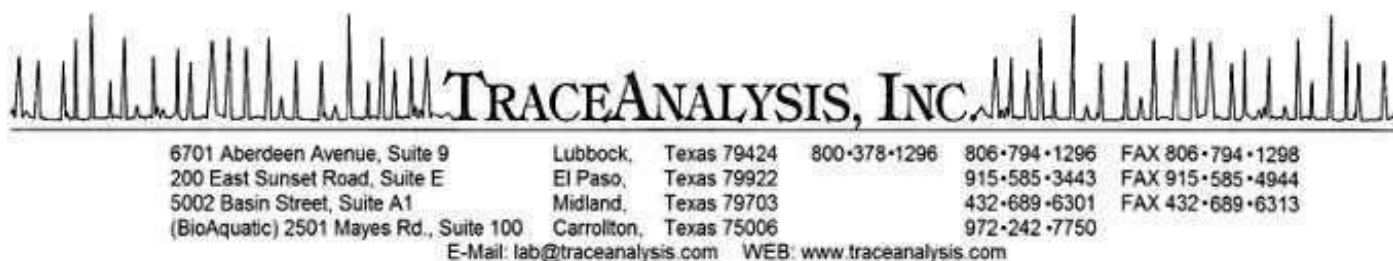
Work Order: 14010202



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

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
350451	MW-25	water	2013-12-30	11:05	2014-01-02

Sample - Field Code	BTEX			
	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)
350451 - MW-25	0.755 Qs	<0.0500 Qs	<0.0500 Qs	<0.150 Qs



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: January 3, 2014

Work Order: 14010202



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
350451	MW-25	water	2013-12-30	11:05	2014-01-02

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 10 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

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 2014-01-02 and assigned to work order 14010202. Samples for work order 14010202 were received intact without headspace and at a temperature of 5.7 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	91368	2014-01-02 at 11:37	107977	2014-01-03 at 01:40

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 14010202 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: January 3, 2014
TNM 97-18

Work Order: 14010202
9718

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Eunice, NM

Analytical Report

Sample: 350451 - MW-25

Laboratory: Midland
Analysis: BTEX
QC Batch: 107977
Prep Batch: 91368

Analytical Method: S 8021B
Date Analyzed: 2014-01-03
Sample Preparation: 2014-01-02

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

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qs	1	0.755	mg/L	50	0.00100
Toluene	Qs,U	1	<0.0500	mg/L	50	0.00100
Ethylbenzene	Qs,U	1	<0.0500	mg/L	50	0.00100
Xylene	Qs,U	1	<0.150	mg/L	50	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			4.42	mg/L	50	5.00	88	70 - 130
4-Bromofluorobenzene (4-BFB)			4.04	mg/L	50	5.00	81	70 - 130

Method Blanks

Method Blank (1) QC Batch: 107977

QC Batch: 107977
Prep Batch: 91368

Date Analyzed: 2014-01-03
QC Preparation: 2014-01-02

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)			0.0906	mg/L	1	0.100	91	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: 107977
Prep Batch: 91368

Date Analyzed: 2014-01-03
QC Preparation: 2014-01-02

Analyzed By: AK
Prepared By: AK

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.0843	mg/L	1	0.100	<0.000238	84	70 - 130
Toluene		1	0.0846	mg/L	1	0.100	<0.000181	85	70 - 130
Ethylbenzene		1	0.0914	mg/L	1	0.100	<0.000247	91	70 - 130
Xylene		1	0.277	mg/L	1	0.300	<0.000189	92	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	0.0878	mg/L	1	0.100	<0.000238	88	70 - 130	4	20
Toluene		1	0.0879	mg/L	1	0.100	<0.000181	88	70 - 130	4	20
Ethylbenzene		1	0.0961	mg/L	1	0.100	<0.000247	96	70 - 130	5	20
Xylene		1	0.291	mg/L	1	0.300	<0.000189	97	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	LCS Result	Units	Dil.	Spike Amount	LCS Rec.	LCS Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0954	0.0957	mg/L	1	0.100	95	96	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0989	0.0988	mg/L	1	0.100	99	99	70 - 130

Matrix Spike (MS-1) Spiked Sample: 350448

QC Batch: 107977
Prep Batch: 91368

Date Analyzed: 2014-01-03
QC Preparation: 2014-01-02

Analyzed By: AK
Prepared By: AK

Param				MS	Units	Dil.	Spike	Matrix	Rec.	Rec. Limit
	F	C	Result	Amount			Result			
Benzene	Qs	Qs	1	0.0280	mg/L	1	0.100	<0.000238	28	70 - 130
Toluene	Qs	Qs	1	0.0253	mg/L	1	0.100	<0.000181	25	70 - 130
Ethylbenzene	Qs	Qs	1	0.0231	mg/L	1	0.100	<0.000247	23	70 - 130
Xylene	Qs	Qs	1	0.0712	mg/L	1	0.300	<0.000189	24	70 - 130

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

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TNM 97-18

Work Order: 14010202
9718

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Eunice, NM

Param	F	C	MSD		Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit	
			Result	Units								
Benzene	Q _s	Q _s	1	0.0252	mg/L	1	0.100	<0.000238	25	70 - 130	10	20
Toluene	Q _s	Q _s	1	0.0227	mg/L	1	0.100	<0.000181	23	70 - 130	11	20
Ethylbenzene	Q _s	Q _s	1	0.0214	mg/L	1	0.100	<0.000247	21	70 - 130	8	20
Xylene	Q _s	Q _s	1	0.0644	mg/L	1	0.300	<0.000189	21	70 - 130	10	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)	0.0895	0.0909	mg/L	1	0.1	90	91	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0867	0.0856	mg/L	1	0.1	87	86	70 - 130

Calibration Standards

Standard (CCV-1)

QC Batch: 107977

Date Analyzed: 2014-01-03

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	0.0854	85	80 - 120	2014-01-03
Toluene		1	mg/L	0.100	0.0849	85	80 - 120	2014-01-03
Ethylbenzene		1	mg/L	0.100	0.0916	92	80 - 120	2014-01-03
Xylene		1	mg/L	0.300	0.278	93	80 - 120	2014-01-03

Standard (CCV-2)

QC Batch: 107977

Date Analyzed: 2014-01-03

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	0.0910	91	80 - 120	2014-01-03
Toluene		1	mg/L	0.100	0.0891	89	80 - 120	2014-01-03
Ethylbenzene		1	mg/L	0.100	0.0948	95	80 - 120	2014-01-03
Xylene		1	mg/L	0.300	0.287	96	80 - 120	2014-01-03

Standard (CCV-3)

QC Batch: 107977

Date Analyzed: 2014-01-03

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	0.0899	90	80 - 120	2014-01-03
Toluene		1	mg/L	0.100	0.0871	87	80 - 120	2014-01-03
Ethylbenzene		1	mg/L	0.100	0.0900	90	80 - 120	2014-01-03
Xylene		1	mg/L	0.300	0.276	92	80 - 120	2014-01-03

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

Report Date: January 3, 2014
TNM 97-18

Work Order: 14010202
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.

LAB Order ID # 14010202

TraceAnalysis, Inc.

6701 Aberdeen Avenue, Suite 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-1296

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
Fax (972) 242-7750

email: lab@traceanalysis.com

Company Name: NOVA
Address: 2057 Commerce Dr
Contact Person: Camille Bryant / Curt Stanley
E-mail: CBryant@paalp.com

Phone #:

(432) 520-7720

Fax #:

Project Name: 97-18

Sampler Signature:

Project Location (including state): NM

Field Code: MW-25

Containers: 3

Volume / Amount: 3

Matrix: WATER

Preservative Method: HCl

None

Ice

NaOH

H₂SO₄

HNO₃

SLUDGE

AIR

SOIL

DATE: 12-30-05

TIME: 1105

ANALYSIS REQUEST (Circle or Specify Method No.)

MTBE 8021 / 602 / 8260 / 624
BTX 8021 / 602 / 8260 / 624
TPH 418.1 / TX1005 / TX1005 EXH(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
PCB's 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

REMARKS:

LAB USE ONLY

INST: 1105
OBS: 58.0
COR: 57.0
INST: 805
OBS: 8.05
COR: 7.14
INST: 12/14
OBS: 8.05
COR: 7.14

Received by: [Signature]
Company: TA
Date: 12/14

Received by: [Signature]
Company: [Signature]
Date: 12/14

Received by: [Signature]
Company: [Signature]
Date: 12/14

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Company: [Signature]
Date: 12/14

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Company: [Signature]
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Date: 12/14

Received by: [Signature]
Company: [Signature]
Date: 12/14

Received by: [Signature]
Company: [Signature]
Date: 12/14

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

Headspace Y / N

Log-in-Review

Carrier #

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

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