

GW-294

Plains

TNM 97-04 (Townsend)

**Annual Report
2011**



**2011
ANNUAL MONITORING REPORT**

**TNM 97-04
SE ¼ SE ¼ of SECTION 11, TOWNSHIP 16 SOUTH, RANGE 35 EAST
LEA COUNTY, NEW MEXICO
PLAINS SRS NUMBER: TNM 97-04
NMOCD Reference GW-0294**

PREPARED FOR:

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PREPARED BY:

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March 2012


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ENCLOSED ON DATA DISK

2011 Annual Monitoring Report

2011 Tables 1, 2 and 3 – Groundwater Elevation, BTEX and PAH Concentration Data

2011 Figures 1, 2A-2D, and 3A-3D

Electronic Copies of Laboratory Reports

Historic Table 1, 2 and 3 – Groundwater Elevation, BTEX and PAH Concentration Tables

INTRODUCTION

On behalf of Plains Marketing, L.P. (Plains), NOVA Safety and Environmental (NOVA) is pleased to submit this 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 97-04 Release Site (the site), which was formerly the responsibility of Texas New Mexico Pipe Line Company (TNM), is now the responsibility of Plains. This report is intended to be viewed as a complete document with text, figures, tables and appendices. The report presents the results of the quarterly groundwater monitoring events conducted in calendar year 2011 only. However, historic data tables as well as 2011 laboratory analytical reports are provided on the enclosed data disk. A Site Location Map is provided as Figure 1.

Groundwater monitoring was conducted during each quarter of 2011 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.

SITE DESCRIPTION AND BACKGROUND INFORMATION

The site is located in the SE 1/4 of the SE 1/4 of Section 11, Township 16 South, Range 35 East in Lea County, New Mexico. Initial site investigation activities were performed for TNM by other environmental consultants. No other specifics concerning the release are currently available. The Release Notification and Corrective Action Form (C-141) is provided as Appendix A.

In October 2009, an *Enhanced Recovery System Workplan* was submitted and subsequently approved by the NMOCD. In March 2009, Plains installed eight air-sparging wells (SW-1 through SW-8) and three recovery wells (RW-2, RW-3 and RW-4) at the site as part of the Enhanced Recovery System. In April 2011, Plains completed the installation of the trailer mounted air-sparging system with ancillary air lines connected to the eight sparging wells. Four total fluid pumps were installed within the four, 4-inch diameter recovery wells.

The Enhanced Recovery System was initially started during the 3rd quarter of 2010. A System Start-Up Report documenting the activities was submitted to the NMOCD in May 2011.

There are currently 15 monitor wells (MW-2 through MW-7, and MW-9 through MW-16 and MW-18) on site along with the eight air-sparging and four recovery wells. An NMOCD permitted infiltration gallery associated with the enhanced recovery system is located on the northwest corner of the site.

FIELD ACTIVITIES

Remediation Efforts

The enhanced recovery system utilizes compressed air to power the eight air-sparging wells along with the four total fluid pumps placed in recovery wells RW-1 through RW-4. The total fluid pumps operate at a pumping rate of approximately 2-3 gallons per minute (gpm) from each recovery well with a combined pumping rate of 8-12 gpm. Recovered oil and water is then passed through an oil-water separator with the oil transferred to a 550 gallon poly tank for staging and later transporting off site. Recovered groundwater is pumped to a large poly aeration tank to allow for volatilization of the hydrocarbons. Groundwater is then transferred through a two bag filter system prior to being pumped through two 500 lbs. carbon filtration canisters. The treated groundwater is sampled from post carbon sampling ports on a monthly basis and is then discharged under Discharge Permit GW-294 to an infiltration gallery located upgradient to the northwest of the release point.

The eight air-sparging wells were each installed to a depth of approximately 65 feet below ground surface (bgs) and operate at a pressure of approximately 5 psi per well. The air-sparging array is designed to buffer the downgradient migration of the dissolved phase hydrocarbon plume while pressing the PSH plume upgradient towards the four recovery wells.

A measurable thickness of PSH was present in four of fifteen monitor wells (MW-2, MW-3, MW-5 and MW-9) and the recovery well (RW-1) during at least three or more quarters of the reporting period. Monitor well MW-6 exhibited measurable PSH during eleven gauging events but was not detected during each of the quarterly gauging and sampling events. The average thickness of PSH in monitor wells and recovery wells exhibiting PSH was 0.83 feet. The maximum thickness of PSH in monitor wells and recovery wells was 2.23 feet as recorded in monitor well MW-3 on October 26, 2011. PSH data for the 2011 gauging events can be found in Table 1. Approximately 275 gallons (approximately 6.5 barrels) of PSH was recovered from the site during the 2011 reporting period. During the 2011 reporting period, approximately 26,243 barrels of groundwater were processed through the on-site remediation system and re-injected into the infiltration gallery. A total of approximately 7,959 gallons (approximately 189.5 barrels) of PSH have 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 in correspondences dated June 22, 2005 and May 5, 2006.

NMOCD Approved Sampling Schedule					
MW-1	Plugged & Abandoned	MW-8	Plugged & Abandoned	MW-15	Quarterly
MW-2	Quarterly	MW-9	Quarterly	MW-16	Semi-Annual
MW-3	Quarterly	MW-10	Annual	MW-17	Plugged & Abandoned
MW-4	Quarterly	MW-11	Annual	MW-18	Quarterly
MW-5	Quarterly	MW-12	Annual	RW-1	Quarterly
MW-6	Quarterly	MW-13	Quarterly		
MW-7	Annual	MW-14	Quarterly		

The site monitor wells were gauged and sampled on February 28, May 12, August 15, and November 22, 2011. 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 each quarterly sampling event of 2011, are depicted on the Inferred Groundwater Gradient Map(s), Figures 2A-2D. Groundwater elevation data for 2011 is provided as Table 1. Historic groundwater elevation data beginning at project inception is provided on the enclosed data disk.

The most recent Inferred Groundwater Gradient Map, Figure 2D, indicates a general gradient of approximately 0.003 feet/foot to the southeast as measured between monitor well MW-10 and MW-13. This is consistent with data presented on Figures 2A through 2C from earlier in the year. The corrected groundwater elevations ranged between 3,918.95 and 3,923.77 feet above mean sea level, in recovery well RW-1 on August 2 and monitor well MW-14 on May 4, 2011, respectively.

LABORATORY RESULTS

Monitor wells MW-2, MW-3, MW-5, MW-9 and recovery well RW-1 contained PSH throughout the reporting period and were not sampled during 1st, 2nd, 3rd and 4th quarters of 2011.

Groundwater samples obtained during the quarterly sampling events of 2011 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 2011 calendar year on monitor wells MW-4 and MW-6. 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 2011 are summarized in Table 2 and the Historic PAH constituent concentrations are summarized in Table 3. Copies of the laboratory reports generated for 2011 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-2 is monitored on a quarterly schedule. Monitor well MW-2 was not sampled during the 1st, 2nd, 3rd and 4th quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 1.02 feet, 0.79 feet, 1.03 feet and 0.88 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2011, respectively. PAH analysis was not conducted during the 4th quarter sampling event due to the presence of PSH.

Monitor well MW-3 is monitored on a quarterly schedule. Monitor well MW-3 was not sampled during the 1st, 2nd, 3rd and 4th quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 1.60 feet, 0.96 feet, 1.25 feet and 1.07 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2011, respectively. PAH analysis was not conducted during the 4th quarter sampling event due to the presence of PSH.

Monitor well MW-4 is monitored on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.684 mg/L during the 4th quarter to 1.140 mg/L during the 1st quarter. Benzene concentrations were above the NMOCD regulatory standard during all four quarters of the reporting period. Toluene concentrations ranged from 0.0609 mg/L during the 4th quarter to 3.430 mg/L during the 1st quarter. Toluene concentrations were below the NMOCD regulatory standards during all four quarters of the reporting period. Ethyl-benzene concentrations ranged from 0.355 mg/L during the 3rd quarter to 0.556 mg/L during the 1st quarter of 2011. Ethyl-benzene concentrations were below the NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from 0.387 mg/L during the 3rd quarter to 1.210 mg/L during the 2nd quarter of 2011. Xylene concentrations were above NMOCD regulatory standards during the 1st, 2nd and 4th quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for naphthalene (0.0469 mg/L), 1-methylnaphthalene (0.0371 mg/L) and 2-methylnaphthalene (0.0317 mg/L), fluorene (0.00322 mg/L), phenanthrene (0.00423 mg/L). Additional PAH constituents detected above MDLs include dibenzofuran (0.00409 mg/L), which is below WQCC standards.

Monitor well MW-5 is monitored on a quarterly schedule. Monitor well MW-5 was not sampled during the 1st, 2nd, 3rd and 4th quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 1.60 feet, 0.99 feet, 1.12 feet and 1.07 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2011, respectively. PAH analysis was not conducted during the 4th quarter sampling event due to the presence of PSH.

Monitor well MW-6 is monitored on a quarterly schedule and analytical results indicate benzene concentrations ranged from 1.370 mg/L during the 2nd quarter to 3.770 mg/L during the 1st quarter. Benzene concentrations were above the NMOCD regulatory standard during all four quarters of the reporting period. Toluene concentrations ranged from 0.637 mg/L during the 2nd quarter to 2.320 mg/L during the 1st quarter. Toluene concentrations were below the NMOCD regulatory standards during the 1st, 3rd and 4th quarters of the reporting period. Ethyl-benzene concentrations ranged from 0.0741 mg/L during the 3rd quarter to 0.330 mg/L during the 1st quarter of 2011. Ethyl-benzene concentrations were below the NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from 0.503 mg/L during the 3rd quarter to 1.100 mg/L during the 4th quarter of 2011. Xylene concentrations were above NMOCD regulatory standards during the 1st and 4th quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for fluorene (0.00132 mg/L) and phenanthrene (0.00137 mg/L). Additional PAH constituents detected above MDLs include naphthalene (0.0179 mg/L), 1-methylnaphthalene (0.0212 mg/L), 2-methylnaphthalene (0.0179 mg/L) and dibenzofuran (0.00158 mg/L), which are below WQCC standards.

Monitor well MW-7 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-seven consecutive quarters. PAH analysis was not required in MW-7 based on historic PAH data.

Monitor well MW-9 is monitored on a quarterly schedule. Monitor well MW-9 was not sampled during the 1st, 2nd, 3rd and 4th quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 0.13 feet, 0.23 feet, 0.19 feet and 0.04 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2011, respectively. PAH analysis was not conducted during the 4th quarter sampling event due to the presence of PSH.

Monitor well MW-10 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below MDL and NMOCD regulatory standards for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-five consecutive quarters. PAH analysis was not required in MW-10 based on historic PAH data.

Monitor well MW-11 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below MDL and NMOCD regulatory standards for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last sixteen consecutive quarters. PAH analysis was not required in MW-11 based on historic PAH data.

Monitor well MW-12 is sampled on an annual schedule. Analytical results indicate BTEX constituent concentrations were below MDL and NMOCD regulatory standards for each BTEX constituent during the 4th quarter sampling event. PAH analysis was not required in MW-12 based on historic PAH data.

Monitor well MW-13 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.738 mg/L in the 3rd quarter to 3.130 mg/L during the 2nd quarter of the reporting period. Benzene concentrations were above the NMOCD regulatory standard during all four quarters of the reporting period. Toluene concentrations were below MDL and NMOCD regulatory standards during all four quarters of the reporting period. Ethylbenzene concentrations ranged from <0.020 mg/L during the 3rd quarter to 0.2550 mg/L during the 2nd quarter of the reporting period. Ethylbenzene concentrations were below the NMOCD regulatory standard during all four quarters of the reporting period. Xylene concentrations were below MDL and NMOCD regulatory standards during all four quarters of the reporting period. PAH analysis was not required in MW-13 based on historic PAH data.

Monitor well MW-14 is sampled on a quarterly schedule and was inadvertently not sampled during the 1st quarter of 2011. Analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 3rd quarter to 0.0116 mg/L during the 2nd quarter of 2011. Benzene concentrations were above the NMOCD regulatory standard during the 2nd quarter of the

reporting period. Toluene concentrations were below MDL and NMOCD regulatory standards during the 2nd, 3rd and 4th quarters of the reporting period. Ethylbenzene concentrations ranged from <0.001 mg/L during the 3rd quarter to 0.0575 mg/L during the 2nd quarter of 2011. Ethylbenzene concentrations were below the NMOCD regulatory standard during 2nd, 3rd and 4th quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 3rd quarter to 0.1050 mg/L during the 2nd quarter of 2011. Xylene concentrations were below the NMOCD regulatory standard during 2nd, 3rd and 4th quarters of the reporting period. PAH analysis was not required in MW-14 based on historic PAH data.

Monitor well MW-15 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.500 mg/L during the 1st quarter to 4.210 mg/L during the 2nd quarter of 2011. Benzene concentrations were above the NMOCD regulatory standard during all four quarters of the reporting period. Toluene concentrations were below MDL and NMOCD regulatory standards during all four quarters of 2011. Ethylbenzene concentrations ranged from <0.020 mg/L during the 1st and 3rd quarters to 0.3500 mg/L during the 2nd quarter of 2011. Ethylbenzene concentrations were below the NMOCD regulatory standard during all four quarters of the reporting period. Xylene concentrations ranged from <0.020 mg/L during the 1st and 3rd quarters to 0.4040 mg/L during the 2nd quarter of 2011. Xylene concentrations were below the NMOCD regulatory standard during the all four quarters of the reporting period. PAH analysis was not required in MW-15 based on historic PAH data.

Monitor well MW-16 is sampled on a semi-annual schedule and analytical results indicate BTEX constituent concentrations were below MDL and NMOCD regulatory standards for each BTEX constituent during the 2nd and 4th quarter sampling events. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty consecutive quarters. PAH analysis was not required in MW-16 based on historic PAH data.

Monitor well MW-18 is sampled on a quarterly schedule. Analytical results indicate BTEX constituent concentrations were below MDL and NMOCD regulatory standards for each BTEX constituent during all four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above MDLs for dibenzofuran (0.000262 mg/L), which is below WQCC standards.

Recovery well RW-1 is monitored on a quarterly schedule. Recovery well RW-1 was not sampled during the 1st, 2nd, 3rd and 4th quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 0.75 feet and 0.94 feet were reported during the 2nd and 4th quarters of 2011. A permanent total fluid pump was installed in RW-1 associated with the on-site remediation system and was not gauged during the 1st quarterly sampling event. PAH analysis was not conducted during the 4th quarter sampling event due to the presence of PSH.

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

SUMMARY

This report presents the results of monitoring activities for the 2011 annual monitoring period. There are currently 15 monitor wells (MW-2 through MW-7, and MW-9 through MW-16, and MW-18) and one recovery well (RW-1) on site. Groundwater elevation contours generated from water level measurements indicate a general gradient of approximately 0.003 feet/foot to the southeast.

A measurable thickness of PSH was present in four monitor wells (MW-2, MW-3, MW-5 and MW-9) and the recovery well (RW-1) during each quarter of the reporting period. Monitor well MW-6 exhibited measurable PSH during eleven gauging events but was not detected during the quarterly gauging and sampling events. Approximately 275 gallons (approximately 6.5 barrels) of PSH was recovered from the site during the 2011 reporting period. A total of approximately 7,959 gallons (approximately 189.5 barrels) of PSH have been recovered since project inception. The average thickness of PSH in monitor wells and recovery wells displaying PSH was 0.83 feet. Generally, 2011 PSH thickness data indicates declining PSH thicknesses in the affected monitor and recovery wells. During the 2011 reporting period, approximately 26,243 barrels of groundwater were processed through the on-site remediation system and re-injected into the infiltration gallery.

Review of laboratory analytical results of groundwater samples collected during the 2011 reporting period indicates BTEX constituent concentrations are below NMOCD regulatory standards in six of the 15 on site monitor wells and recovery well. The remaining nine monitor wells either contained measurable thicknesses of PSH and were not sampled during the four quarterly events or exhibited analytical results above the NMOCD regulatory standard during the reporting period of 2011. Review of PAH analysis indicates an increasing trend in monitor well MW-4 with a decreasing trend in MW-6.

ANTICIPATED ACTIONS

Quarterly monitoring and groundwater sampling will continue in 2012. Plains respectfully requests NMOCD approval to modify the sampling schedule for the following monitor wells:

Monitor well MW-16 is currently sampled on a semi-annual schedule. Plains proposes to modify the schedule to an annual schedule. This up-gradient monitor well was installed during the 1st quarter 2003 and the analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty consecutive quarters.

PSH recovery, quarterly groundwater monitoring and sampling will continue in 2012. An Annual Monitoring Report will be submitted to the NMOCD before April 1, 2013.

Based on the results of the PAH analysis over the past several years, further PAH analysis will be conducted only on monitor wells MW-4 and MW-6. As the PSH plume diminishes, other wells will be sampled for PAH as necessary, which have historically exhibited elevated constituents near or above the WQCC standards.

LIMITATIONS

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

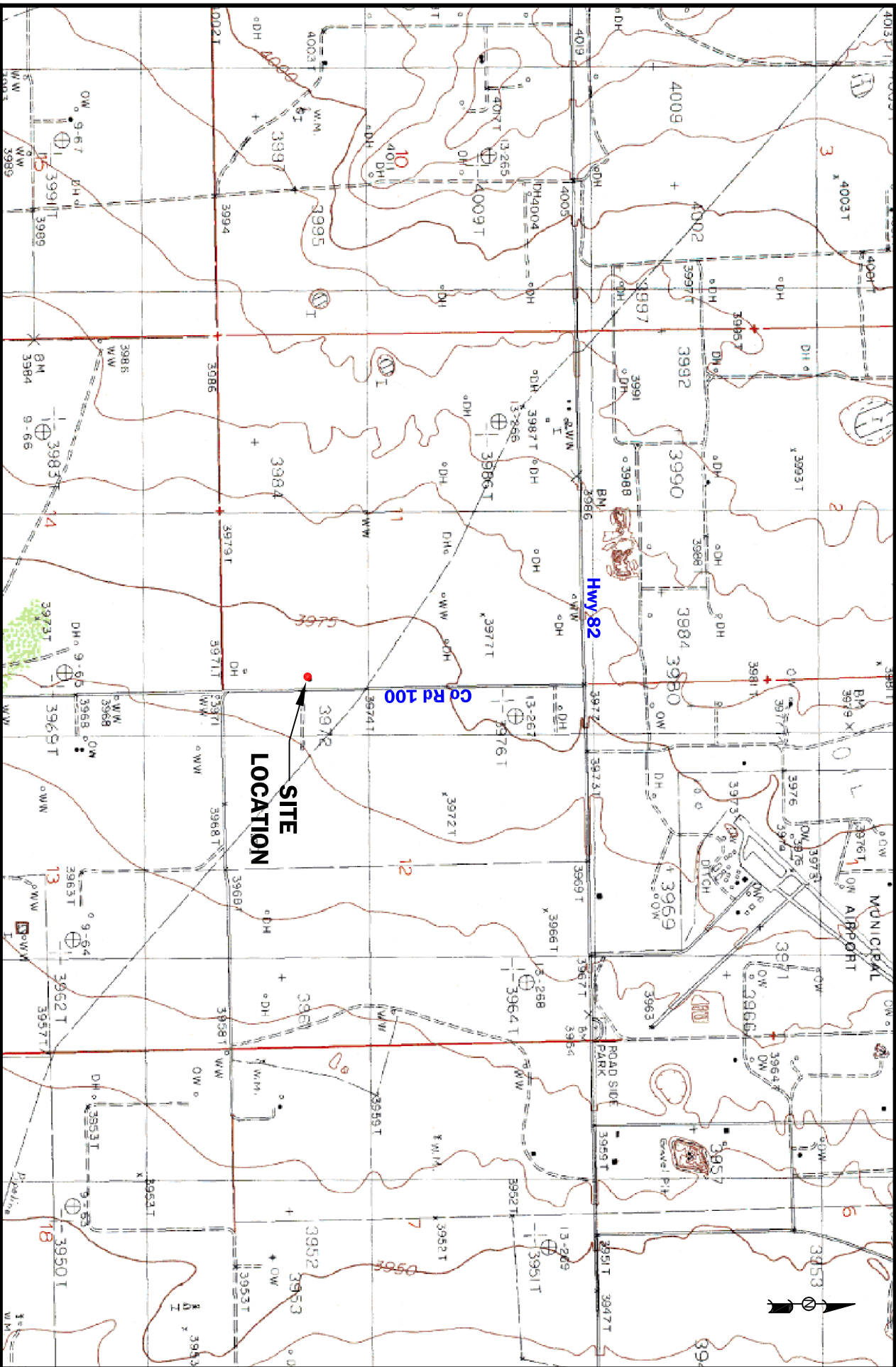
NOVA has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. NOVA has not conducted an independent examination of the facts contained in referenced materials and statements. We have presumed the genuineness of the documents and that 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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Figures



LEGEND:



Distance in Feet

NMCOOD Reference #GWM-0294

Figure 1 Site Location Map

TNM 97-04

Plains Marketing, L.P.
Lea County, NM

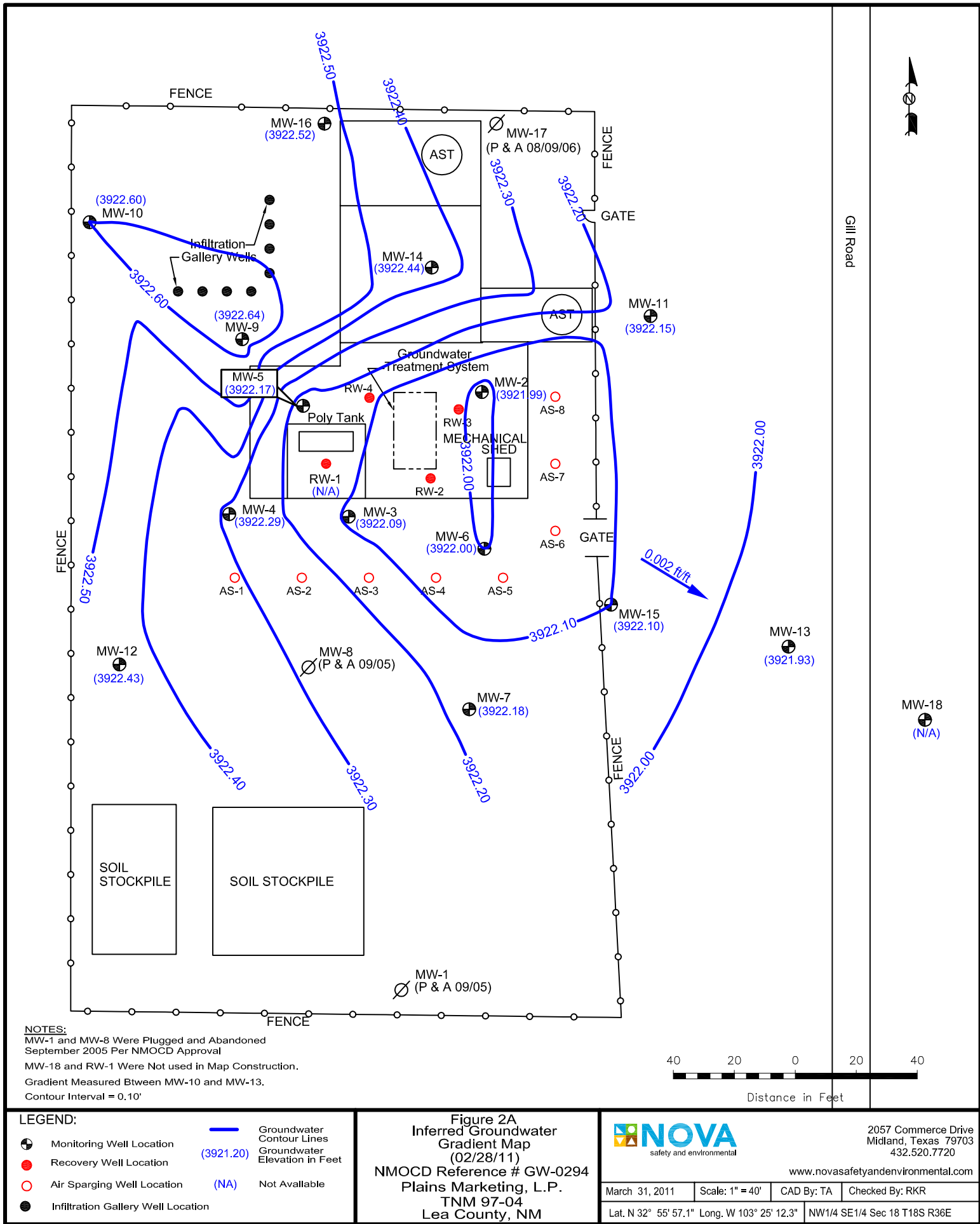


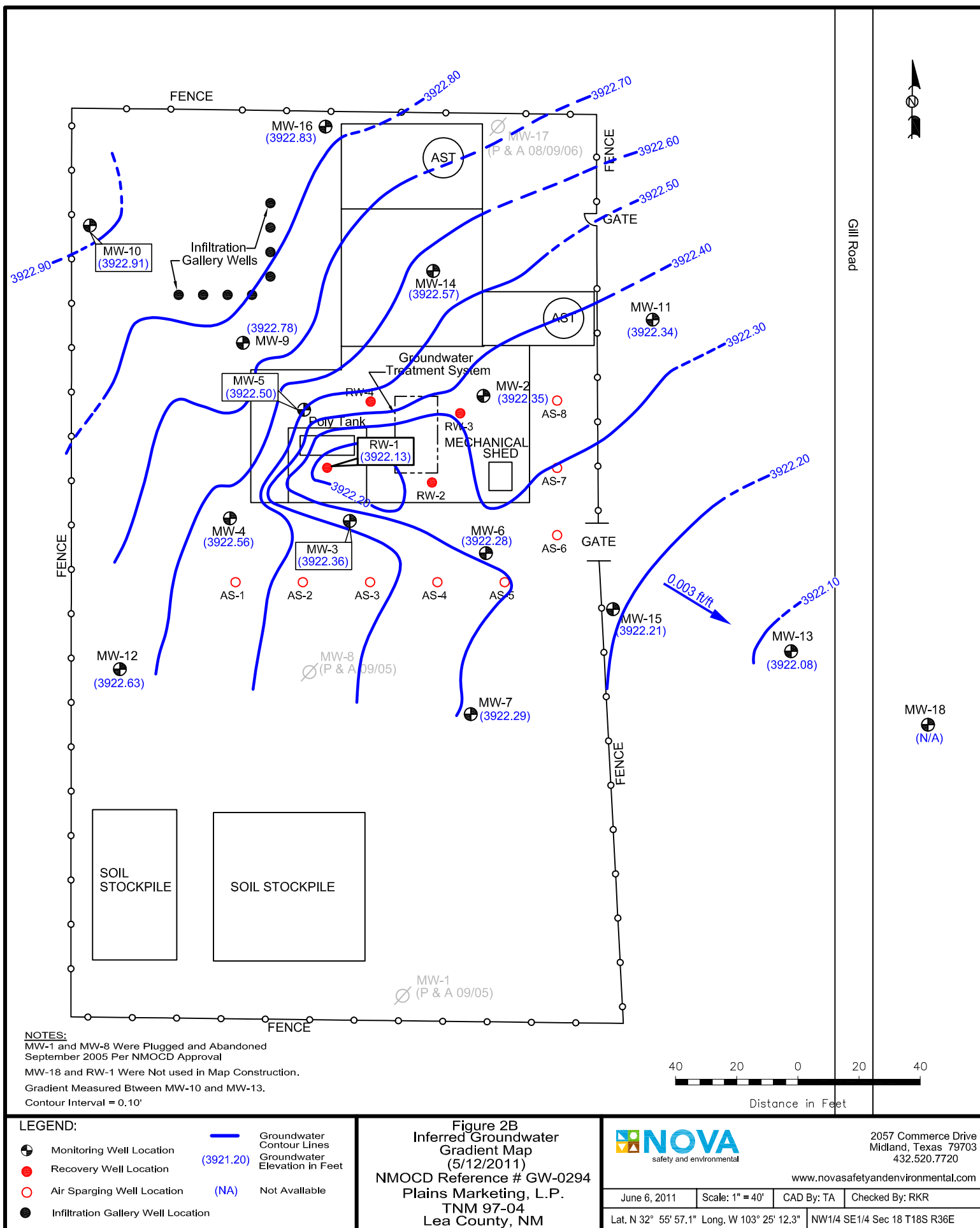
2057 Commerce Drive
Midland, Texas 79703
432.520.7720

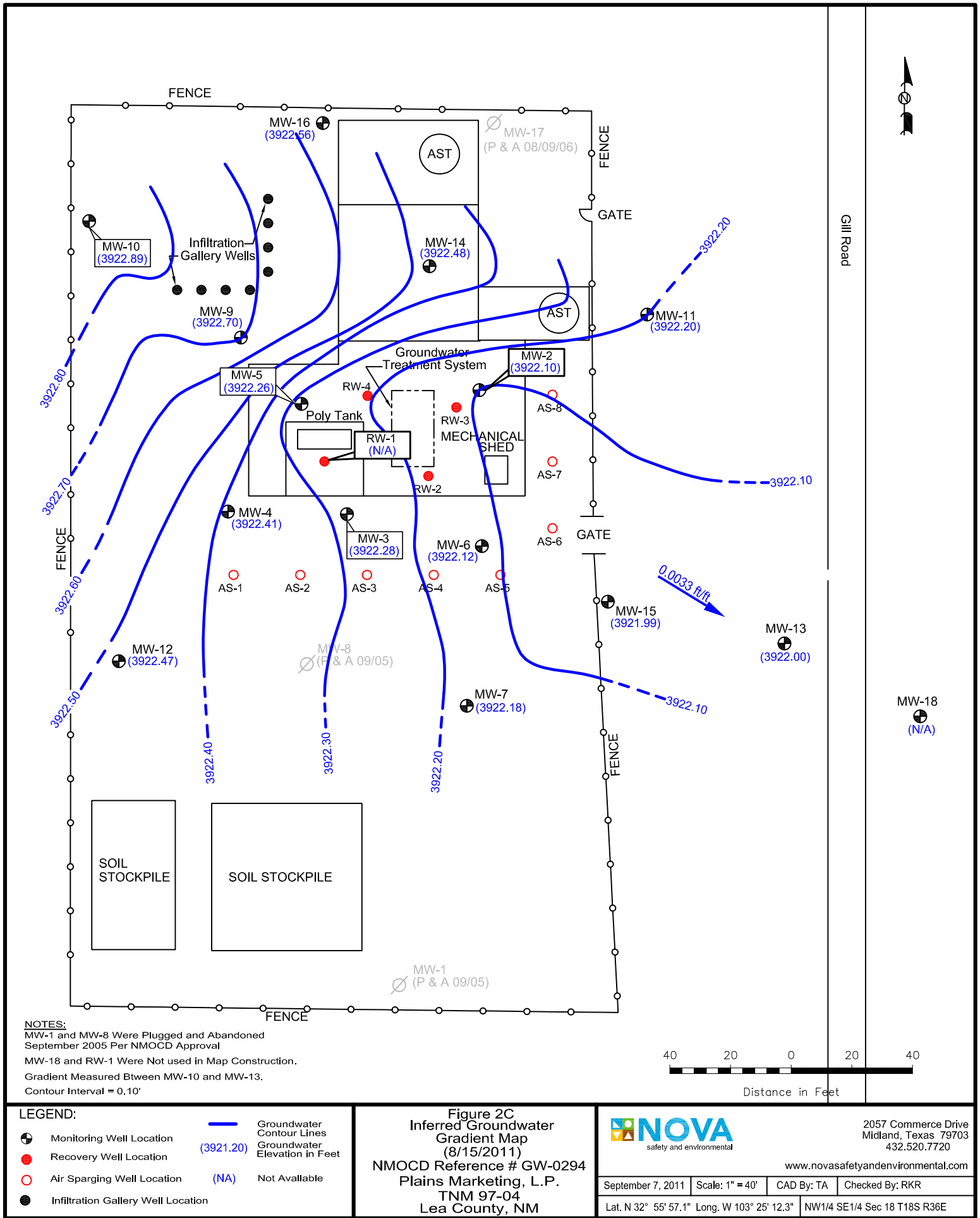
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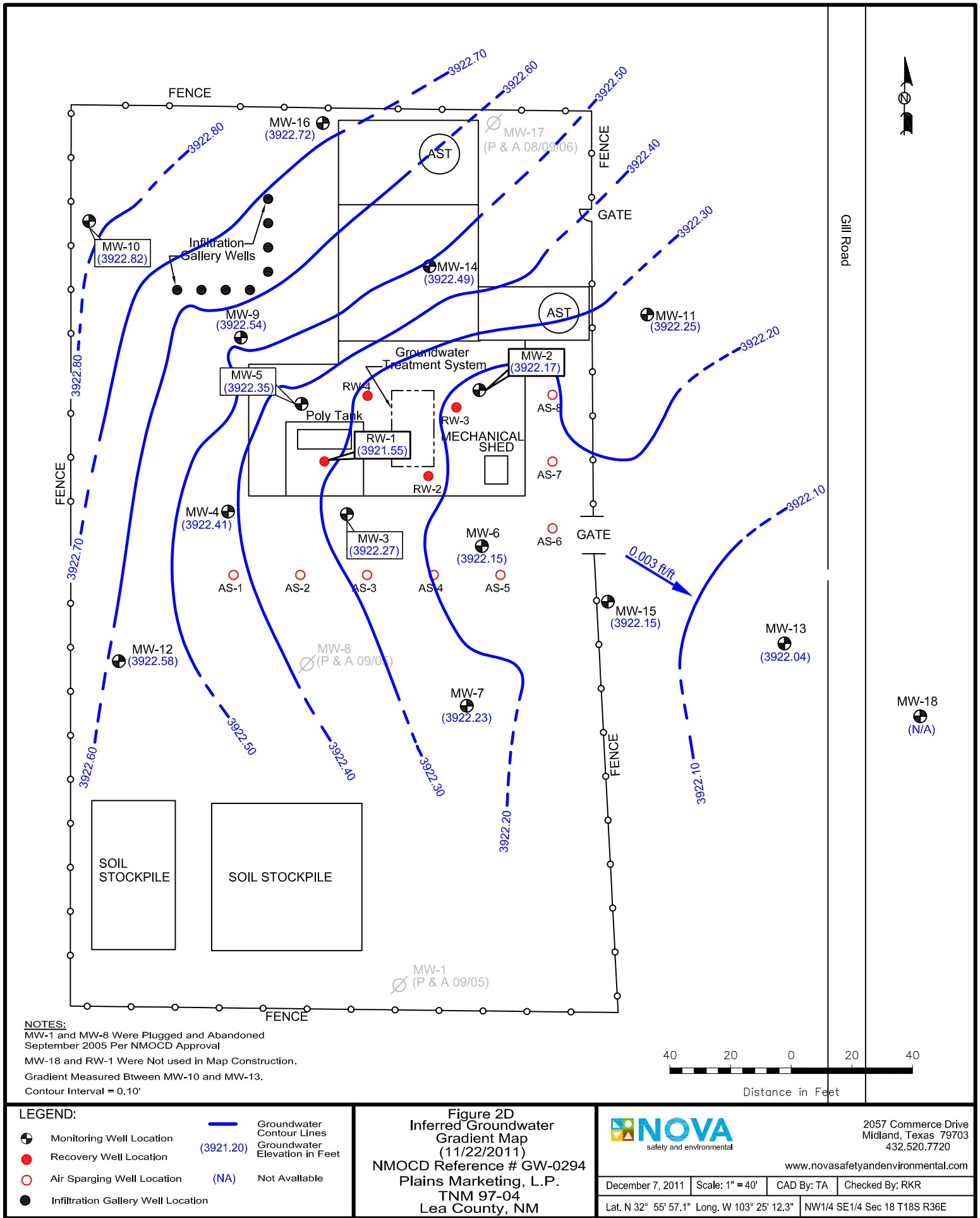
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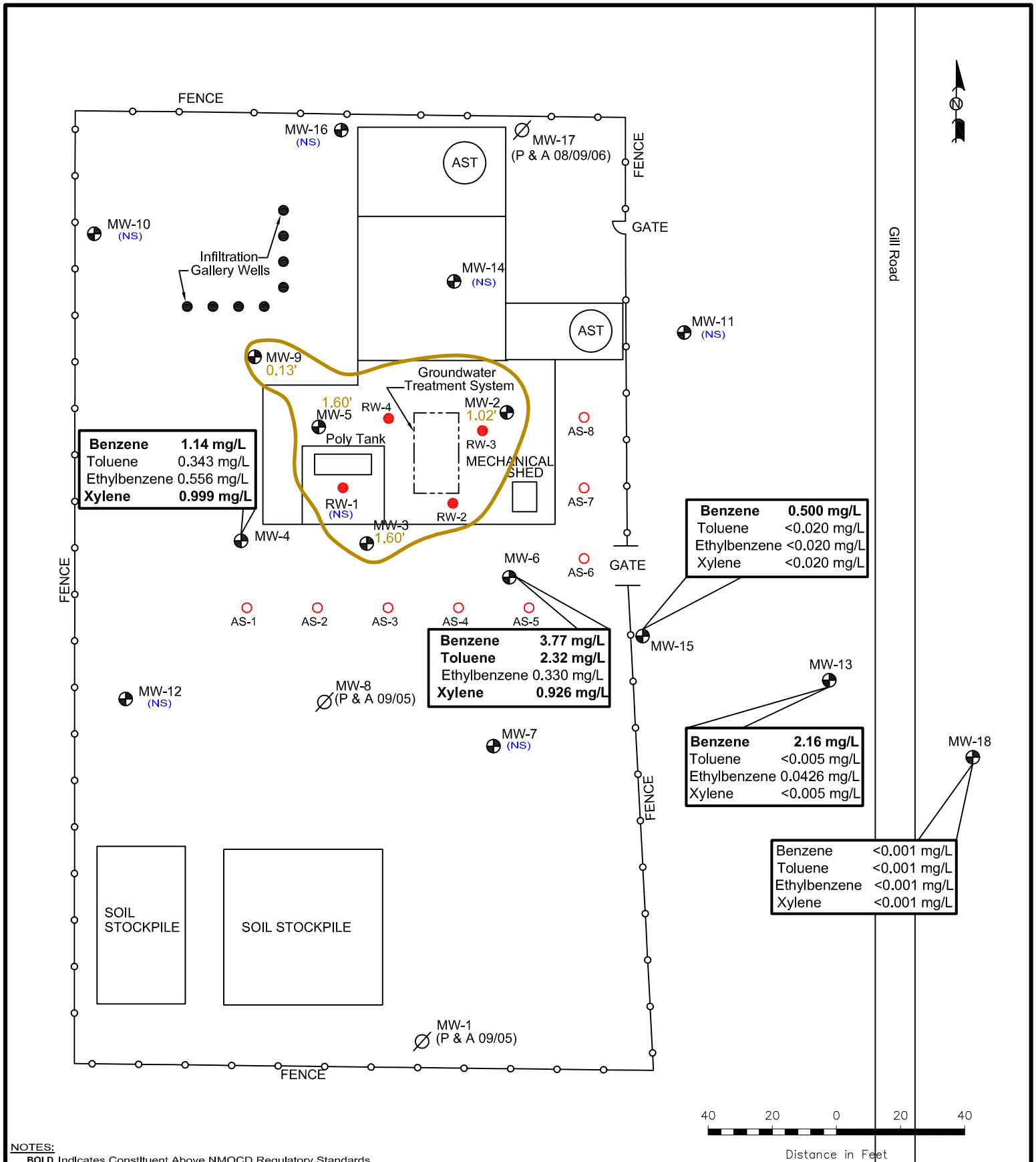
LATITUDE & LONGITUDE COORDINATES: N 32° 55' 57.1" W 103° 25' 12.3"











NOTES:
BOLD Indicates Constituent Above NMOCD Regulatory Standards

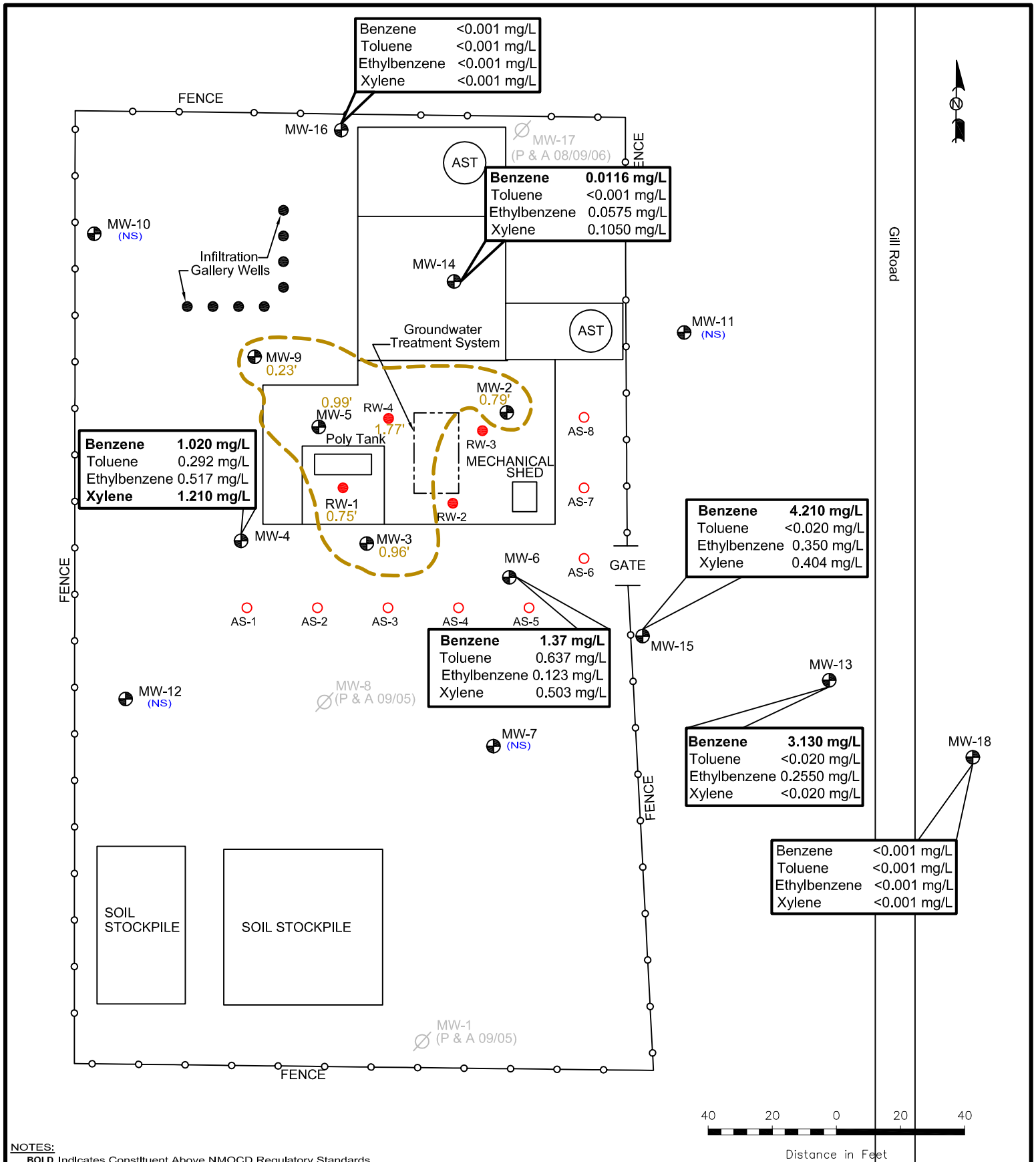
Monitoring Well Location	Inferred PSH Extent
Recovery Well Location	<0.001 Constituent Concentration (mg/L)
Air Sparging Well Location	2.42' Thickness of PSH (feet)
Infiltration Gallery Well Location	(NS) Not Sampled

Figure 3A
Groundwater Concentration and Inferred PSH Extent Map
(2/28/2011)
NMOCD Reference # GW-0294
Plains Marketing, L.P.
TNM 97-04
Lea County, NM



2057 Commerce Drive
Midland, Texas 79703
432.520.7720
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April 1, 2011	Scale: 1" = 40'	CAD By: TA	Checked By: RKR
Lat. N 32° 55' 57.1" Long. W 103° 25' 12.3"		NW1/4 SE1/4 Sec 18 T18S R36E	



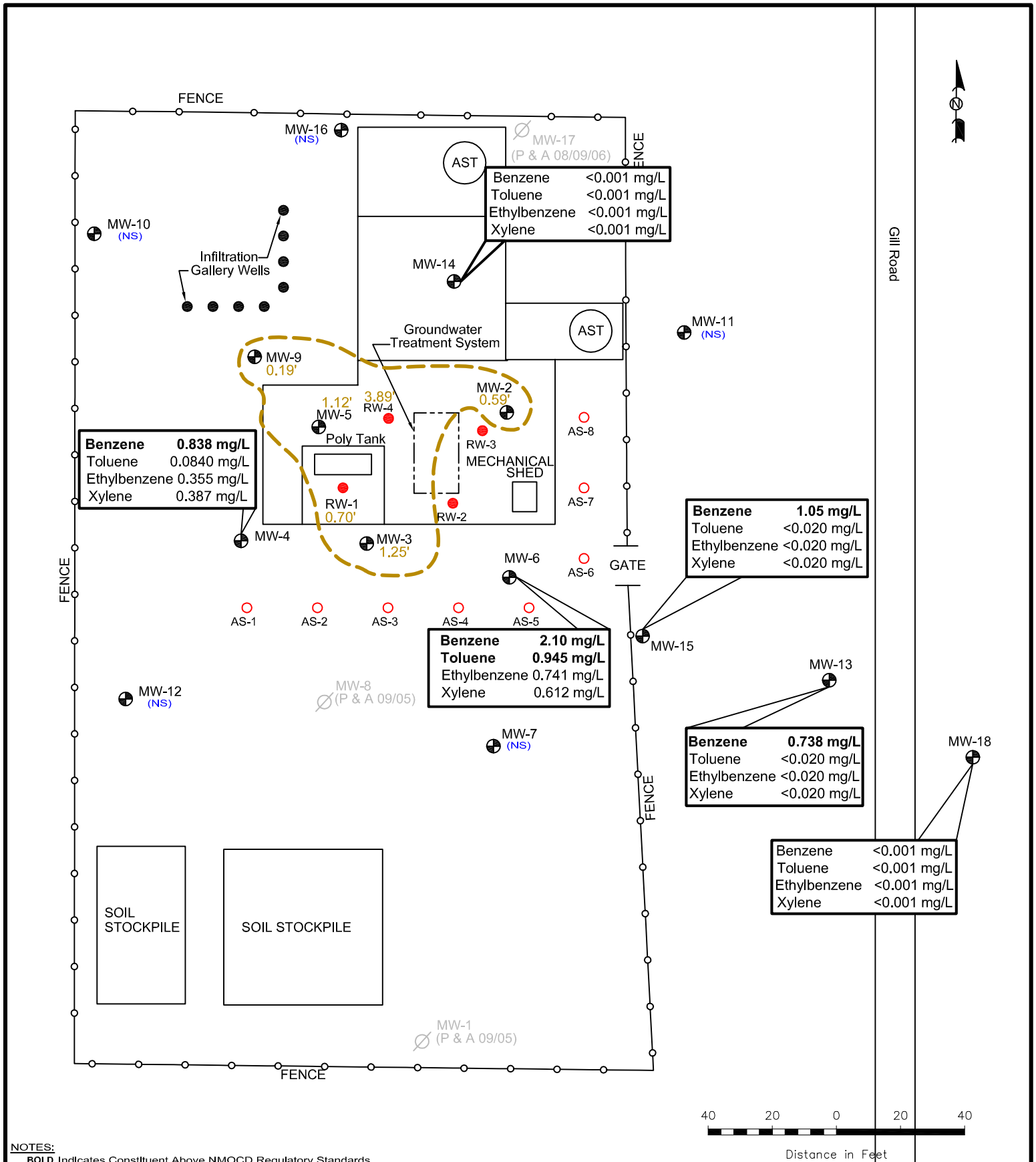
NOTES:
BOLD Indicates Constituent Above NMOC Regulatory Standards

LEGEND:	
	Monitoring Well Location
	Recovery Well Location
	Air Sparging Well Location
	Infiltration Gallery Well Location
	Inferred PSH Extent
	<0.001 Constituent Concentration (mg/L)
	2.42' Thickness of PSH (feet)
	(NS) Not Sampled

Figure 3B
 Groundwater Concentration
 and Inferred PSH Extent Map
 (5/12/2011)
 NMOC Reference # GW-0294
 Plains Marketing, L.P.
 TNM 97-04
 Lea County, NM

2057 Commerce Drive
 Midland, Texas 79703
 432.520.7720
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June 6, 2011	Scale: 1" = 40'	CAD By: TA	Checked By: RKR
Lat. N 32° 55' 57.1" Long. W 103° 25' 12.3"		NW1/4 SE1/4 Sec 18 T18S R36E	



NOTES:
BOLD Indicates Constituent Above NMOC Regulatory Standards

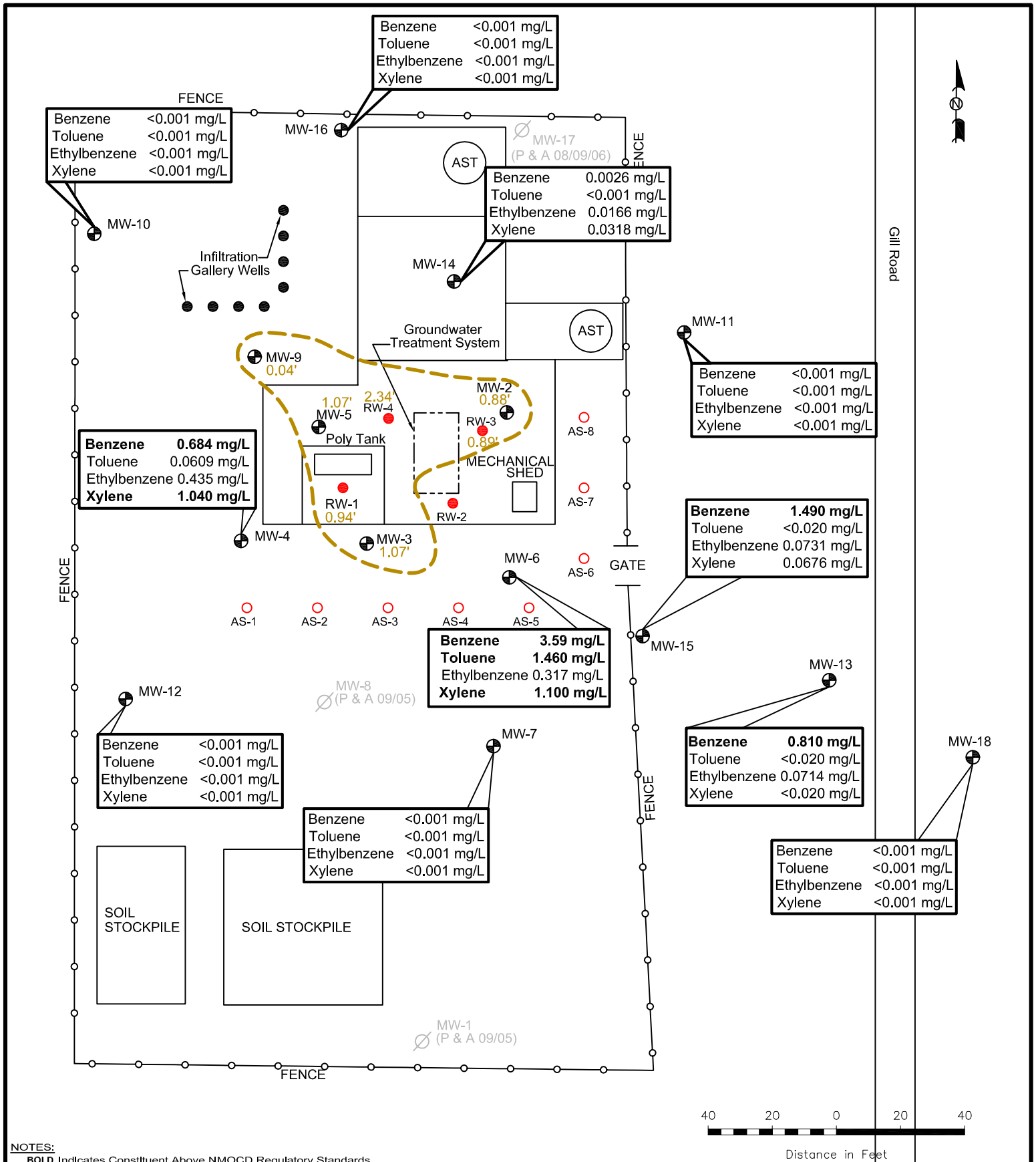
Monitoring Well Location	Inferred PSH Extent
Recovery Well Location	<0.001 Constituent Concentration (mg/L)
Air Sparging Well Location	2.42' Thickness of PSH (feet)
Infiltration Gallery Well Location	(NS) Not Sampled

Figure 3C
 Groundwater Concentration and Inferred PSH Extent Map
 (8/15/2011)
 NMOC Reference # GW-0294
 Plains Marketing, L.P.
 TNM 97-04
 Lea County, NM



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September 8, 2011	Scale: 1" = 40'	CAD By: TA	Checked By: RKR
Lat. N 32° 55' 57.1" Long. W 103° 25' 12.3"		NW1/4 SE1/4 Sec 18 T18S R36E	



NOTES:
BOLD Indicates Constituent Above NMOC Regulatory Standards

LEGEND:	
Monitoring Well Location	Inferred PSH Extent
Recovery Well Location	<0.001 Constituent Concentration (mg/L)
Air Sparging Well Location	2.42' Thickness of PSH (feet)
Infiltration Gallery Well Location	(NS) Not Sampled

Figure 3D
 Groundwater Concentration and Inferred PSH Extent Map
 (11/22/2011)
 NMOC Reference # GW-0294
 Plains Marketing, L.P.
 TNM 97-04
 Lea County, NM



2057 Commerce Drive
 Midland, Texas 79703
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December 7, 2011	Scale: 1" = 40'	CAD By: TA	Checked By: RKR
Lat. N 32° 55' 57.1" Long. W 103° 25' 12.3"		NW1/4 SE1/4 Sec 18 T18S R36E	

Tables

TABLE 1

GROUNDWATER ELEVATION DATA - 2011

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	01/26/11	3974.62	52.08	52.62	0.54	3922.46
MW - 2	02/28/11	3974.62	52.48	53.50	1.02	3921.99
MW - 2	03/04/11	3974.62	52.27	52.90	0.63	3922.26
MW - 2	03/09/11	3974.62	52.29	53.43	1.14	3922.16
MW - 2	04/28/11	3974.62	52.53	53.42	0.89	3921.96
MW - 2	05/04/11	3974.62	52.22	53.24	1.02	3922.25
MW - 2	05/11/11	3974.62	52.23	53.36	1.13	3922.22
MW - 2	05/12/11	3974.62	52.15	52.94	0.79	3922.35
MW - 2	05/18/11	3974.62	52.16	53.08	0.92	3922.32
MW - 2	05/23/11	3974.62	52.30	53.49	1.19	3922.14
MW - 2	06/08/11	3974.62	52.45	53.50	1.05	3922.01
MW - 2	06/16/11	3974.62	52.38	53.26	0.88	3922.11
MW - 2	06/22/11	3974.62	52.30	53.11	0.81	3922.20
MW - 2	06/30/11	3974.62	52.22	53.24	1.02	3922.25
MW - 2	07/06/11	3974.62	52.08	53.11	1.03	3922.39
MW - 2	07/13/11	3974.62	52.29	53.20	0.91	3922.19
MW - 2	07/15/11	3974.62	52.26	53.66	1.40	3922.15
MW - 2	07/19/11	3974.62	52.09	52.72	0.63	3922.44
MW - 2	07/21/11	3974.62	52.10	52.98	0.88	3922.39
MW - 2	07/26/11	3974.62	52.24	52.94	0.70	3922.28
MW - 2	07/28/11	3974.62	52.04	53.04	1.00	3922.43
MW - 2	08/02/11	3974.62	52.48	53.60	1.12	3921.97
MW - 2	08/09/11	3974.62	52.34	53.79	1.45	3922.06
MW - 2	08/12/11	3974.62	52.37	53.40	1.03	3922.10
MW - 2	08/15/11	3974.62	52.37	53.40	1.03	3922.10
MW - 2	08/16/11	3974.62	52.13	52.68	0.55	3922.41
MW - 2	08/19/11	3974.62	52.20	52.79	0.59	3922.33
MW - 2	08/23/11	3974.62	52.15	52.69	0.54	3922.39
MW - 2	08/26/11	3974.62	52.25	53.18	0.93	3922.23
MW - 2	08/30/11	3974.62	52.11	52.55	0.44	3922.44
MW - 2	09/01/11	3974.62	52.13	52.44	0.31	3922.44
MW - 2	09/08/11	3974.62	52.30	53.59	1.29	3922.13
MW - 2	09/13/11	3974.62	52.17	52.31	0.14	3922.43
MW - 2	09/15/11	3974.62	52.27	53.17	0.90	3922.22
MW - 2	09/22/11	3974.62	52.08	52.72	0.64	3922.44
MW - 2	10/06/11	3974.62	52.30	52.96	0.66	3922.22
MW - 2	10/13/11	3974.62	52.42	53.77	1.35	3922.00
MW - 2	10/26/11	3974.62	52.27	53.48	1.21	3922.17
MW - 2	11/22/11	3974.62	52.32	53.20	0.88	3922.17
MW - 3	01/26/11	3974.6	52.00	52.75	0.75	3922.49
MW - 3	02/28/11	3974.6	52.27	53.87	1.6	3922.09
MW - 3	03/04/11	3974.6	52.08	52.88	0.8	3922.40
MW - 3	03/09/11	3974.6	52.07	53.57	1.5	3922.31
MW - 3	04/28/11	3974.6	52.11	53.12	1.01	3922.34
MW - 3	05/04/11	3974.6	52.09	52.12	0.03	3922.51

TABLE 1

GROUNDWATER ELEVATION DATA - 2011

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	05/11/11	3974.6	52.14	53.11	0.97	3922.31
MW - 3	05/12/11	3974.6	52.10	53.06	0.96	3922.36
MW - 3	05/18/11	3974.6	52.13	53.18	1.05	3922.31
MW - 3	05/23/11	3974.6	52.07	53.02	0.95	3922.39
MW - 3	06/08/11	3974.6	52.11	53.19	1.08	3922.33
MW - 3	06/16/11	3974.6	52.09	53.05	0.96	3922.37
MW - 3	06/22/11	3974.6	52.11	53.10	0.99	3922.34
MW - 3	06/30/11	3974.6	52.05	53.52	1.47	3922.33
MW - 3	07/06/11	3974.6	51.98	53.15	1.17	3922.44
MW - 3	07/13/11	3974.6	52.08	53.25	1.17	3922.34
MW - 3	07/15/11	3974.6	52.10	53.50	1.40	3922.29
MW - 3	07/19/11	3974.6	52.15	53.08	0.93	3922.31
MW - 3	07/21/11	3974.6	52.02	53.04	1.02	3922.43
MW - 3	07/26/11	3974.6	52.15	53.05	0.90	3922.32
MW - 3	07/28/11	3974.6	52.12	53.06	0.94	3922.34
MW - 3	08/02/11	3974.6	52.25	53.76	1.51	3922.12
MW - 3	08/09/11	3974.6	52.20	53.68	1.48	3922.18
MW - 3	08/12/11	3974.6	52.13	53.38	1.25	3922.28
MW - 3	08/15/11	3974.6	52.13	53.38	1.25	3922.28
MW - 3	08/16/11	3974.6	52.12	53.80	1.68	3922.23
MW - 3	08/19/11	3974.6	52.13	53.71	1.58	3922.23
MW - 3	08/23/11	3974.6	52.16	53.30	1.14	3922.27
MW - 3	08/26/11	3974.6	52.21	53.25	1.04	3922.23
MW - 3	08/30/11	3974.6	52.02	52.69	0.67	3922.48
MW - 3	09/01/11	3974.6	52.05	52.42	0.37	3922.49
MW - 3	09/08/11	3974.6	52.14	53.89	1.75	3922.20
MW - 3	09/13/11	3974.6	52.10	53.49	1.39	3922.29
MW - 3	09/15/11	3974.6	52.22	52.28	0.06	3922.37
MW - 3	09/22/11	3974.6	52.03	52.75	0.72	3922.46
MW - 3	10/06/11	3974.6	52.04	52.92	0.88	3922.43
MW - 3	10/11/11	3974.6	52.17	53.19	1.02	3922.28
MW - 3	10/13/11	3974.6	52.19	53.91	1.72	3922.15
MW - 3	10/26/11	3974.6	51.13	53.36	2.23	3923.14
MW - 3	11/22/11	3974.6	52.17	53.24	1.07	3922.27
MW - 4	01/26/11	3974.53	-	51.99	0.00	3922.54
MW - 4	02/28/11	3974.53	-	52.24	0.00	3922.29
MW - 4	03/04/11	3974.53	-	52.00	0.00	3922.53
MW - 4	03/09/11	3974.53	-	52.11	0.00	3922.42
MW - 4	04/28/11	3974.53	-	52.03	0.00	3922.50
MW - 4	05/04/11	3974.53	-	52.02	0.00	3922.51
MW - 4	05/11/11	3974.53	-	52.10	0.00	3922.43
MW - 4	05/12/11	3974.53	-	51.97	0.00	3922.56
MW - 4	05/18/11	3974.53	-	52.02	0.00	3922.51
MW - 4	05/23/11	3974.53	-	52.07	0.00	3922.46
MW - 4	06/08/11	3974.53	-	52.07	0.00	3922.46

TABLE 1

GROUNDWATER ELEVATION DATA - 2011

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	06/16/11	3974.53	-	52.05	0.00	3922.48
MW - 4	06/22/11	3974.53	-	52.03	0.00	3922.50
MW - 4	06/30/11	3974.53	-	52.02	0.00	3922.51
MW - 4	07/06/11	3974.53	-	51.97	0.00	3922.56
MW - 4	07/13/11	3974.53	-	52.14	0.00	3922.39
MW - 4	07/15/11	3974.53	-	52.02	0.00	3922.51
MW - 4	07/19/11	3974.53	-	52.01	0.00	3922.52
MW - 4	07/21/11	3974.53	-	51.96	0.00	3922.57
MW - 4	07/26/11	3974.53	-	51.98	0.00	3922.55
MW - 4	07/28/11	3974.53	-	51.95	0.00	3922.58
MW - 4	08/02/11	3974.53	-	52.12	0.00	3922.41
MW - 4	08/09/11	3974.53	-	51.93	0.00	3922.60
MW - 4	08/12/11	3974.53	-	51.99	0.00	3922.54
MW - 4	08/15/11	3974.53	-	51.99	0.00	3922.54
MW - 4	08/16/11	3974.53	-	52.10	0.00	3922.43
MW - 4	08/19/11	3974.53	-	52.12	0.00	3922.41
MW - 4	08/23/11	3974.53	-	52.09	0.00	3922.44
MW - 4	08/26/11	3974.53	-	52.12	0.00	3922.41
MW - 4	08/30/11	3974.53	-	52.06	0.00	3922.47
MW - 4	09/01/11	3974.53	-	52.09	0.00	3922.44
MW - 4	09/08/11	3974.53	-	52.14	0.00	3922.39
MW - 4	09/13/11	3974.53	-	52.09	0.00	3922.44
MW - 4	09/15/11	3974.53	-	52.14	0.00	3922.39
MW - 4	09/22/11	3974.53	-	51.98	0.00	3922.55
MW - 4	10/06/11	3974.53	-	51.98	0.00	3922.55
MW - 4	10/11/11	3974.53	-	52.06	0.00	3922.47
MW - 4	10/13/11	3974.53	-	52.16	0.00	3922.37
MW - 4	10/26/11	3974.53	-	52.09	0.00	3922.44
MW - 4	11/22/11	3974.53	-	52.12	0.00	3922.41
MW - 5	01/26/11	3974.27	51.59	52.51	0.92	3922.54
MW - 5	02/28/11	3974.27	51.86	53.46	1.60	3922.17
MW - 5	03/04/11	3974.27	51.66	52.44	0.78	3922.49
MW - 5	03/09/11	3974.27	51.75	53.12	1.37	3922.31
MW - 5	04/28/11	3974.27	51.74	52.91	1.17	3922.35
MW - 5	05/04/11	3974.27	51.70	52.90	1.20	3922.39
MW - 5	05/11/11	3974.27	51.69	52.82	1.13	3922.41
MW - 5	05/12/11	3974.27	51.62	52.61	0.99	3922.50
MW - 5	05/18/11	3974.27	51.64	52.75	1.11	3922.46
MW - 5	05/23/11	3974.27	51.76	52.88	1.12	3922.34
MW - 5	06/08/11	3974.27	51.72	53.19	1.47	3922.33
MW - 5	06/16/11	3974.27	51.73	53.02	1.29	3922.35
MW - 5	06/22/11	3974.27	51.68	52.88	1.20	3922.41
MW - 5	06/30/11	3974.27	51.64	53.20	1.56	3922.40
MW - 5	07/06/11	3974.27	51.57	52.79	1.22	3922.52
MW - 5	07/13/11	3974.27	51.68	53.12	1.44	3922.37

TABLE 1

GROUNDWATER ELEVATION DATA - 2011

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	07/15/11	3974.27	51.75	53.20	1.45	3922.30
MW - 5	07/19/11	3974.27	51.60	52.53	0.93	3922.53
MW - 5	07/21/11	3974.27	51.61	52.80	1.19	3922.48
MW - 5	07/26/11	3974.27	51.76	52.68	0.92	3922.37
MW - 5	07/28/11	3974.27	51.73	52.97	1.24	3922.35
MW - 5	08/02/11	3974.27	51.88	53.58	1.70	3922.14
MW - 5	08/09/11	3974.27	51.82	53.30	1.48	3922.23
MW - 5	08/12/11	3974.27	51.84	52.96	1.12	3922.26
MW - 5	08/15/11	3974.27	51.84	52.96	1.12	3922.26
MW - 5	08/16/11	3974.27	51.66	52.63	0.97	3922.46
MW - 5	08/19/11	3974.27	51.73	52.55	0.82	3922.42
MW - 5	08/23/11	3974.27	51.74	52.75	1.01	3922.38
MW - 5	08/26/11	3974.27	51.78	53.05	1.27	3922.30
MW - 5	08/30/11	3974.27	51.60	52.50	0.90	3922.54
MW - 5	09/01/11	3974.27	51.65	52.16	0.51	3922.54
MW - 5	09/08/11	3974.27	51.80	53.37	1.57	3922.23
MW - 5	09/13/11	3974.27	51.72	53.04	1.32	3922.35
MW - 5	09/15/11	3974.27	51.81	53.17	1.36	3922.26
MW - 5	09/22/11	3974.27	51.61	52.40	0.79	3922.54
MW - 5	10/06/11	3974.27	51.72	52.82	1.10	3922.39
MW - 5	10/11/11	3974.27	51.81	52.96	1.15	3922.29
MW - 5	10/13/11	3974.27	51.87	53.61	1.74	3922.14
MW - 5	10/26/11	3974.27	51.81	53.23	1.42	3922.25
MW - 5	11/22/11	3974.27	51.76	52.83	1.07	3922.35
MW - 6	02/28/11	3974.72	-	52.72	0.00	3922.00
MW - 6	03/04/11	3974.72	52.41	52.45	0.04	3922.30
MW - 6	03/09/11	3974.72	52.52	52.58	0.00	3922.14
MW - 6	04/28/11	3974.72	52.38	52.47	0.09	3922.33
MW - 6	05/04/11	3974.72	52.35	52.40	0.05	3922.36
MW - 6	05/11/11	3974.72	52.46	52.49	0.03	3922.26
MW - 6	05/12/11	3974.72	-	52.44	0.00	3922.28
MW - 6	05/18/11	3974.72	-	52.35	0.00	3922.37
MW - 6	05/23/11	3974.72	52.29	52.49	0.20	3922.40
MW - 6	06/08/11	3974.72	-	52.51	0.00	3922.21
MW - 6	06/16/11	3974.72	52.30	52.41	0.11	3922.40
MW - 6	06/22/11	3974.72	52.32	52.41	0.09	3922.39
MW - 6	06/30/11	3974.72	52.40	52.64	0.24	3922.28
MW - 6	07/06/11	3974.72	-	52.37	0.00	3922.35
MW - 6	07/13/11	3974.72	-	52.40	0.00	3922.32
MW - 6	07/15/11	3974.72	-	52.46	0.00	3922.26
MW - 6	07/19/11	3974.72	-	52.46	0.00	3922.26
MW - 6	07/21/11	3974.72	-	52.38	0.00	3922.34
MW - 6	07/26/11	3974.72	-	52.43	0.00	3922.29
MW - 6	07/28/11	3974.72	-	52.42	0.00	3922.30
MW - 6	08/02/11	3974.72	-	52.64	0.00	3922.08

TABLE 1

GROUNDWATER ELEVATION DATA - 2011

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	08/09/11	3974.72	-	52.48	0.00	3922.24
MW - 6	08/12/11	3974.72	-	52.60	0.00	3922.12
MW - 6	08/15/11	3974.72	-	52.60	0.00	3922.12
MW - 6	08/16/11	3974.72	-	52.42	0.00	3922.30
MW - 6	08/19/11	3974.72	-	52.50	0.00	3922.22
MW - 6	08/23/11	3974.72	-	52.55	0.00	3922.17
MW - 6	08/26/11	3974.72	-	52.57	0.00	3922.15
MW - 6	08/30/11	3974.72	-	52.38	0.00	3922.34
MW - 6	09/01/11	3974.72	-	52.42	0.00	3922.30
MW - 6	09/08/11	3974.72	-	52.64	0.00	3922.08
MW - 6	09/13/11	3974.72	-	52.54	0.00	3922.18
MW - 6	09/15/11	3974.72	-	52.60	0.00	3922.12
MW - 6	09/22/11	3974.72	-	52.46	0.00	3922.26
MW - 6	10/06/11	3974.72	-	52.46	0.00	3922.26
MW - 6	10/11/11	3974.72	-	52.45	0.00	3922.27
MW - 6	10/13/11	3974.72	52.60	52.64	0.04	3922.11
MW - 6	10/26/11	3974.72	52.41	52.64	0.23	3922.28
MW - 6	11/22/11	3974.72	-	52.57	0.00	3922.15
MW - 7	02/28/11	3974.6	-	53.42	0.00	3921.18
MW - 7	05/12/11	3974.6	-	52.31	0.00	3922.29
MW - 7	08/15/11	3974.6	-	52.42	0.00	3922.18
MW - 7	11/22/11	3974.6	-	52.37	0.00	3922.23
MW - 9	01/26/11	3975.06	52.31	52.64	0.33	3922.70
MW - 9	02/28/11	3975.06	52.40	52.53	0.13	3922.64
MW - 9	03/04/11	3975.06	52.28	52.54	0.26	3922.74
MW - 9	03/09/11	3975.06	52.32	52.54	0.22	3922.71
MW - 9	04/28/11	3975.06	52.27	52.51	0.24	3922.75
MW - 9	05/04/11	3975.06	52.21	52.51	0.30	3922.81
MW - 9	05/11/11	3975.06	52.34	52.54	0.20	3922.69
MW - 9	05/12/11	3975.06	52.25	52.48	0.23	3922.78
MW - 9	05/18/11	3975.06	52.23	52.41	0.18	3922.80
MW - 9	05/23/11	3975.06	52.20	52.48	0.28	3922.82
MW - 9	06/08/11	3975.06	52.41	52.73	0.32	3922.60
MW - 9	06/16/11	3975.06	52.32	52.62	0.30	3922.70
MW - 9	06/22/11	3975.06	52.21	52.54	0.33	3922.80
MW - 9	06/30/11	3975.06	52.39	52.65	0.26	3922.63
MW - 9	07/06/11	3975.06	52.34	52.52	0.18	3922.69
MW - 9	07/13/11	3975.06	52.36	52.59	0.23	3922.67
MW - 9	07/15/11	3975.06	52.35	52.58	0.23	3922.68
MW - 9	07/19/11	3975.06	52.34	52.54	0.20	3922.69
MW - 9	07/21/11	3975.06	52.33	52.43	0.10	3922.72
MW - 9	07/26/11	3975.06	52.35	52.49	0.14	3922.69
MW - 9	07/28/11	3975.06	52.30	52.46	0.16	3922.74
MW - 9	08/02/11	3975.06	52.34	52.65	0.31	3922.67

TABLE 1

GROUNDWATER ELEVATION DATA - 2011

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 9	08/09/11	3975.06	52.30	52.47	0.17	3922.73
MW - 9	08/12/11	3975.06	52.36	52.52	0.16	3922.68
MW - 9	08/15/11	3975.06	52.33	52.52	0.19	3922.70
MW - 9	08/16/11	3975.06	52.37	52.54	0.17	3922.66
MW - 9	08/19/11	3975.06	52.37	52.48	0.11	3922.67
MW - 9	08/23/11	3975.06	52.33	52.45	0.12	3922.71
MW - 9	08/26/11	3975.06	52.35	52.56	0.21	3922.68
MW - 9	08/30/11	3975.06	52.21	52.47	0.26	3922.81
MW - 9	09/01/11	3975.06	52.40	52.47	0.07	3922.65
MW - 9	09/08/11	3975.06	-	52.45	0.00	3922.61
MW - 9	09/13/11	3975.06	-	52.36	0.00	3922.70
MW - 9	09/15/11	3975.06	-	52.53	0.00	3922.53
MW - 9	09/22/11	3975.06	-	52.37	0.00	3922.69
MW - 9	10/06/11	3975.06	-	52.46	0.00	3922.60
MW - 9	10/11/11	3975.06	-	52.46	0.00	3922.60
MW - 9	10/13/11	3975.06	-	52.48	0.00	3922.58
MW - 9	10/26/11	3975.06	-	52.51	0.00	3922.55
MW - 9	11/22/11	3975.06	52.51	52.55	0.04	3922.54
MW - 10	02/28/11	3975.02	-	52.42	0.00	3922.60
MW - 10	05/12/11	3975.02	-	52.11	0.00	3922.91
MW - 10	08/15/11	3975.02	-	52.13	0.00	3922.89
MW - 10	11/22/11	3975.02	-	52.2	0.00	3922.82
MW - 11	02/28/11	3975.3	-	53.15	0.00	3922.15
MW - 11	05/12/11	3975.3	-	52.96	0.00	3922.34
MW - 11	08/15/11	3975.3	-	53.10	0.00	3922.20
MW - 11	11/22/11	3975.3	-	53.05	0.00	3922.25
MW - 12	02/28/11	3974.55	-	52.12	0.00	3922.43
MW - 12	05/12/11	3974.55	-	51.92	0.00	3922.63
MW - 12	08/15/11	3974.55	-	52.08	0.00	3922.47
MW - 12	11/22/11	3974.55	-	51.97	0.00	3922.58
MW - 13	02/28/11	3975.00	-	53.07	0.00	3921.93
MW - 13	03/04/11	3975.00	-	52.92	0.00	3922.08
MW - 13	04/28/11	3975.00	-	52.92	0.00	3922.08
MW - 13	05/04/11	3975.00	-	52.91	0.00	3922.09
MW - 13	05/11/11	3975.00	-	52.91	0.00	3922.09
MW - 13	05/12/11	3975.00	-	52.92	0.00	3922.08
MW - 13	05/18/11	3975.00	-	52.92	0.00	3922.08
MW - 13	05/23/11	3975.00	-	52.93	0.00	3922.07
MW - 13	06/08/11	3975.00	-	52.93	0.00	3922.07
MW - 13	06/16/11	3975.00	-	52.93	0.00	3922.07
MW - 13	06/22/11	3975.00	-	52.94	0.00	3922.06
MW - 13	06/30/11	3975.00	-	52.94	0.00	3922.06

TABLE 1

GROUNDWATER ELEVATION DATA - 2011

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 13	07/06/11	3975.00	-	52.94	0.00	3922.06
MW - 13	07/13/11	3975.00	-	52.95	0.00	3922.05
MW - 13	07/15/11	3975.00	-	52.95	0.00	3922.05
MW - 13	07/19/11	3975.00	-	52.95	0.00	3922.05
MW - 13	07/21/11	3975.00	-	52.94	0.00	3922.06
MW - 13	07/25/11	3975.00	-	52.95	0.00	3922.05
MW - 13	07/28/11	3975.00	-	52.96	0.00	3922.04
MW - 13	08/02/11	3975.00	-	52.96	0.00	3922.04
MW - 13	08/09/11	3975.00	-	52.95	0.00	3922.05
MW - 13	08/12/11	3975.00	-	52.96	0.00	3922.04
MW - 13	08/15/11	3975.00	-	53.00	0.00	3922.00
MW - 13	08/16/11	3975.00	-	52.97	0.00	3922.03
MW - 13	08/19/11	3975.00	-	52.97	0.00	3922.03
MW - 13	08/23/11	3975.00	-	52.98	0.00	3922.02
MW - 13	09/01/11	3975.00	-	52.97	0.00	3922.03
MW - 13	09/15/11	3975.00	-	52.98	0.00	3922.02
MW - 13	09/22/11	3975.00	-	52.96	0.00	3922.04
MW - 13	10/11/11	3975.00	-	52.99	0.00	3922.01
MW - 13	10/13/11	3975.00	-	53.03	0.00	3921.97
MW - 13	11/22/11	3975.00	-	52.96	0.00	3922.04
MW - 14	02/28/11	3976.15	-	53.71	0.00	3922.44
MW - 14	03/04/11	3976.15	-	53.56	0.00	3922.59
MW - 14	04/28/11	3976.15	-	53.63	0.00	3922.52
MW - 14	05/04/11	3976.15	-	52.38	0.00	3923.77
MW - 14	05/11/11	3976.15	-	53.59	0.00	3922.56
MW - 14	05/12/11	3976.15	-	53.58	0.00	3922.57
MW - 14	05/18/11	3976.15	-	53.57	0.00	3922.58
MW - 14	05/23/11	3976.15	-	53.62	0.00	3922.53
MW - 14	06/08/11	3976.15	-	53.45	0.00	3922.70
MW - 14	06/16/11	3976.15	-	53.53	0.00	3922.62
MW - 14	06/22/11	3976.15	-	53.52	0.00	3922.63
MW - 14	06/30/11	3976.15	-	53.71	0.00	3922.44
MW - 14	07/06/11	3976.15	-	53.60	0.00	3922.55
MW - 14	07/13/11	3976.15	-	53.66	0.00	3922.49
MW - 14	07/15/11	3976.15	-	53.67	0.00	3922.48
MW - 14	07/19/11	3976.15	-	53.62	0.00	3922.53
MW - 14	07/21/11	3976.15	-	53.58	0.00	3922.57
MW - 14	07/25/11	3976.15	-	53.57	0.00	3922.58
MW - 14	07/28/11	3976.15	-	53.62	0.00	3922.53
MW - 14	08/02/11	3976.15	-	53.70	0.00	3922.45
MW - 14	08/09/11	3976.15	-	53.66	0.00	3922.49
MW - 14	08/12/11	3976.15	-	53.67	0.00	3922.48
MW - 14	08/15/11	3976.15	-	53.67	0.00	3922.48
MW - 14	08/16/11	3976.15	-	53.66	0.00	3922.49
MW - 14	08/19/11	3976.15	-	53.69	0.00	3922.46

TABLE 1

GROUNDWATER ELEVATION DATA - 2011

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 14	08/23/11	3976.15	-	53.71	0.00	3922.44
MW - 14	08/26/11	3976.15	-	53.72	0.00	3922.43
MW - 14	08/30/11	3976.15	-	53.63	0.00	3922.52
MW - 14	09/01/11	3976.15	-	53.68	0.00	3922.47
MW - 14	09/15/11	3976.15	-	53.68	0.00	3922.47
MW - 14	09/22/11	3976.15	-	53.61	0.00	3922.54
MW - 14	10/11/11	3976.15	-	53.72	0.00	3922.43
MW - 14	10/13/11	3976.15	-	53.76	0.00	3922.39
MW - 14	10/26/11	3976.15	-	53.70	0.00	3922.45
MW - 14	11/22/11	3976.15	-	53.66	0.00	3922.49
MW - 15	02/28/11	3974.69	-	52.59	0.00	3922.10
MW - 15	03/04/11	3974.69	-	52.43	0.00	3922.26
MW - 15	04/28/11	3974.69	-	52.38	0.00	3922.31
MW - 15	05/04/11	3974.69	-	52.37	0.00	3922.32
MW - 15	05/11/11	3974.69	-	52.39	0.00	3922.30
MW - 15	05/12/11	3974.69	-	52.48	0.00	3922.21
MW - 15	05/18/11	3974.69	-	52.51	0.00	3922.18
MW - 15	05/23/11	3974.69	-	52.30	0.00	3922.39
MW - 15	06/08/11	3974.69	-	52.53	0.00	3922.16
MW - 15	06/16/11	3974.69	-	52.46	0.00	3922.23
MW - 15	06/22/11	3974.69	-	52.44	0.00	3922.25
MW - 15	06/30/11	3974.69	-	52.49	0.00	3922.20
MW - 15	07/06/11	3974.69	-	52.48	0.00	3922.21
MW - 15	07/13/11	3974.69	-	52.49	0.00	3922.20
MW - 15	07/15/11	3974.69	-	52.54	0.00	3922.15
MW - 15	07/19/11	3974.69	-	52.50	0.00	3922.19
MW - 15	07/21/11	3974.69	-	52.52	0.00	3922.17
MW - 15	07/26/11	3974.69	-	52.50	0.00	3922.19
MW - 15	07/28/11	3974.69	-	52.58	0.00	3922.11
MW - 15	08/02/11	3974.69	-	52.63	0.00	3922.06
MW - 15	08/09/11	3974.69	-	52.65	0.00	3922.04
MW - 15	08/12/11	3974.69	-	52.70	0.00	3921.99
MW - 15	08/15/11	3974.69	-	52.70	0.00	3921.99
MW - 15	08/16/11	3974.69	-	52.69	0.00	3922.00
MW - 15	08/19/11	3974.69	-	52.72	0.00	3921.97
MW - 15	08/23/11	3974.69	-	52.74	0.00	3921.95
MW - 15	08/26/11	3974.69	-	52.76	0.00	3921.93
MW - 15	08/30/11	3974.69	-	52.50	0.00	3922.19
MW - 15	09/01/11	3974.69	-	52.53	0.00	3922.16
MW - 15	09/15/11	3974.69	-	52.58	0.00	3922.11
MW - 15	09/22/11	3974.69	-	52.52	0.00	3922.17
MW - 15	10/11/11	3974.69	-	52.13	0.00	3922.56
MW - 15	10/13/11	3974.69	-	52.64	0.00	3922.05
MW - 15	10/26/11	3974.69	-	52.59	0.00	3922.10
MW - 15	11/22/11	3974.69	-	52.54	0.00	3922.15

TABLE 1

GROUNDWATER ELEVATION DATA - 2011

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 16	02/28/11	3975.12	-	52.60	0.00	3922.52
MW - 16	05/12/11	3975.12	-	52.29	0.00	3922.83
MW - 16	08/15/11	3975.12	-	52.56	0.00	3922.56
MW - 16	11/22/11	3975.12	-	52.40	0.00	3922.72
MW - 18	02/28/11	-	-	53.79	0.00	-53.79
MW - 18	05/12/11	-	-	53.65	0.00	-53.65
MW - 18	08/15/11	-	-	53.70	0.00	-53.70
MW - 18	11/22/11	-	-	53.71	0.00	-53.71
RW - 1	02/28/11	3970.79	-	Not Gauged		
RW - 1	03/04/11	3970.79	50.30	50.62	0.32	3920.44
RW - 1	05/12/11	3970.79	48.55	49.30	0.75	3922.13
RW - 1	08/02/11	3970.79	51.80	52.10	0.30	3918.95
RW - 1	08/09/11	3970.79	49.80	50.42	0.62	3920.90
RW - 1	08/12/11	3970.79	-	49.20	0.00	3921.59
RW - 1	08/15/11	3970.79	-	49.20	0.00	3921.59
RW - 1	08/23/11	3970.79	51.60	52.30	0.70	3919.09
RW - 1	08/26/11	3970.79	48.11	48.90	0.79	3922.56
RW - 1	11/22/11	3970.79	49.1	50.04	0.94	3921.55
RW - 2	02/28/11	-	-	54.42	0.00	-54.42
RW - 2	03/04/11	-	-	54.05	0.00	-54.05
RW - 2	05/12/11	-	-	52.69	0.00	-52.69
RW - 2	08/02/11	-	-	55.00	0.00	-55.00
RW - 2	08/09/11	-	-	55.50	0.00	-55.50
RW - 2	08/12/11	-	-	54.07	0.00	-54.07
RW - 2	08/15/11	-	-	54.01	0.00	-54.01
RW - 2	08/23/11	-	-	53.92	0.00	-53.92
RW - 2	08/26/11	-	-	52.75	0.00	-52.75
RW - 2	11/22/11	-	-	52.74	0.00	-52.74
RW - 3	02/28/11	-	54.73	58.80	4.07	-55.34
RW - 3	03/04/11	-	54.66	55.70	1.04	-54.82
RW - 3	05/12/11	-	53.84	54.65	0.81	-53.96
RW - 3	08/02/11	-	54.35	55.32	0.97	-54.50
RW - 3	08/09/11	-	54.24	55.50	1.26	-54.43
RW - 3	08/12/11	-	54.26	55.65	1.39	-54.47
RW - 3	08/15/11	-	54.24	55.50	1.26	-54.43
RW - 3	08/23/11	-	53.92	54.85	0.93	-54.06
RW - 3	08/26/11	-	53.07	53.95	0.88	-53.20
RW - 3	11/22/11	-	53.10	53.99	0.89	-53.23
RW - 4	02/28/11	-	55.62	59.23	3.61	-56.16
RW - 4	03/04/11	-	53.13	55.08	1.95	-53.42

TABLE 1**GROUNDWATER ELEVATION DATA - 2011**

**PLAINS MARKETING, L.P.
TNM 97-04 (TOWNSEND)
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0294**

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 4	05/12/11	-	53.58	55.35	1.77	-53.85
RW - 4	08/02/11	-	55.71	58.75	3.04	-56.17
RW - 4	08/09/11	-	55.02	58.91	3.89	-55.60
RW - 4	08/12/11	-	54.40	58.55	4.15	-55.02
RW - 4	08/15/11	-	55.02	58.91	3.89	-55.60
RW - 4	08/23/11	-	54.42	57.62	3.2	-54.90
RW - 4	08/26/11	-	52.93	55.20	2.27	-53.27
RW - 4	11/22/11	-	52.89	55.23	2.34	-53.24

** Complete Historical Tables are provided on the attached CD.*

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER - 2011

PLAINS PIPELINE, L.P.
TNM 97-04
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
NMOCD REGULATORY LIMIT		0.01	0.75	0.75	0.62	
MW - 2	02/28/11	Not Sampled Due to PSH in Well				
MW - 2	05/12/11	Not Sampled Due to PSH in Well				
MW - 2	08/15/11	Not Sampled Due to PSH in Well				
MW - 2	11/22/11	Not Sampled Due to PSH in Well				
MW - 3	02/28/11	Not Sampled Due to PSH in Well				
MW - 3	05/12/11	Not Sampled Due to PSH in Well				
MW - 3	08/15/11	Not Sampled Due to PSH in Well				
MW - 3	11/22/11	Not Sampled Due to PSH in Well				
MW - 4	02/28/11	1.140	0.343	0.556	0.999	
MW - 4	05/12/11	1.020	0.292	0.517	1.210	
MW - 4	08/15/11	0.838	0.084	0.355	0.387	
MW - 4	11/22/11	0.684	0.0609	0.435	1.040	
MW - 5	02/28/11	Not Sampled Due to PSH in Well				
MW - 5	05/12/11	Not Sampled Due to PSH in Well				
MW - 5	08/15/11	Not Sampled Due to PSH in Well				
MW - 5	11/22/11	Not Sampled Due to PSH in Well				
MW - 6	02/28/11	3.770	2.320	0.330	0.926	
MW - 6	05/12/11	1.370	0.637	0.123	0.503	
MW - 6	08/15/11	2.100	0.945	0.0741	0.612	
MW - 6	11/22/11	3.590	1.460	0.3170	1.100	
MW - 7	02/28/11	Not Sampled Due to Sample Reduction				
MW - 7	05/12/11	Not Sampled Due to Sample Reduction				
MW - 7	08/15/11	Not Sampled Due to Sample Reduction				
MW - 7	11/22/11	<0.001	<0.001	<0.001	<0.001	
MW - 9	02/28/11	Not Sampled Due to PSH in Well				
MW - 9	05/12/11	Not Sampled Due to PSH in Well				
MW - 9	08/15/11	Not Sampled Due to PSH in Well				
MW - 9	11/22/11	Not Sampled Due to PSH in Well				
MW - 10	02/28/11	Not Sampled Due to Sample Reduction				
MW - 10	05/12/11	Not Sampled Due to Sample Reduction				
MW - 10	08/15/11	Not Sampled Due to Sample Reduction				
MW - 10	11/22/11	<0.001	<0.001	<0.001	<0.001	

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER - 2011

PLAINS PIPELINE, L.P.
TNM 97-04
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
NMOCD REGULATORY LIMIT		0.01	0.75	0.75	0.62	
MW - 11	02/28/11	Not Sampled Due to Sample Reduction				
MW - 11	05/12/11	Not Sampled Due to Sample Reduction				
MW - 11	08/15/11	Not Sampled Due to Sample Reduction				
MW - 11	11/22/11	<0.001	<0.001	<0.001	<0.001	
MW - 12	02/28/11	Not Sampled Due to Sample Reduction				
MW - 12	05/12/11	Not Sampled Due to Sample Reduction				
MW - 12	08/15/11	Not Sampled Due to Sample Reduction				
MW - 12	11/22/11	<0.001	<0.001	<0.001	<0.001	
MW - 13	02/28/11	2.160	<0.005	0.0426	<0.005	
MW - 13	05/12/11	3.130	<0.020	0.2550	<0.020	
MW - 13	08/15/11	0.738	<0.020	<0.020	<0.020	
MW - 13	11/22/11	0.810	<0.020	0.0714	<0.020	
MW - 14	02/28/11	Not Sampled				
MW - 14	05/12/11	0.0116	<0.001	0.0575	0.1050	
MW - 14	08/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 14	11/22/11	0.0026	<0.001	0.0166	0.0318	
MW - 15	02/28/11	0.500	<0.020	<0.020	<0.020	
MW - 15	05/12/11	4.210	<0.020	0.3500	0.4040	
MW - 15	08/15/11	1.050	<0.020	<0.020	<0.020	
MW - 15	11/22/11	1.490	<0.020	0.0731	0.0676	
MW - 16	02/28/11	Not Sampled Due to Sample Reduction				
MW - 16	05/12/11	<0.001	<0.001	<0.001	<0.001	
MW - 16	08/15/11	Not Sampled Due to Sample Reduction				
MW - 16	11/22/11	<0.001	<0.001	<0.001	<0.001	
MW - 18	02/28/11	<0.001	<0.001	<0.001	<0.001	
MW - 18	05/12/11	<0.001	<0.001	<0.001	<0.001	
MW - 18	08/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 18	11/22/11	<0.001	<0.001	<0.001	<0.001	
RW - 1	02/28/11	Not Gauged or Sampled				
RW - 1	05/12/11	Not Sampled Due to PSH in Well				
RW - 1	08/15/11	Not Sampled				
RW - 1	11/22/11	Not Sampled Due to PSH in Well				

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER - 2011

PLAINS PIPELINE, L.P.
 TNM 97-04
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCACTION	SAMPLE DATE	EPA SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
NMOCD REGULATORY LIMIT		0.01	0.75	0.75	0.62	
RW - 2	02/28/11	Not Sampled				
RW - 2	05/12/11	Not Sampled				
RW - 2	08/15/11	Not Sampled				
RW - 2	11/22/11	Not Sampled				
RW - 3	02/28/11	Not Sampled Due to PSH in Well				
RW - 3	05/12/11	Not Sampled Due to PSH in Well				
RW - 3	08/15/11	Not Sampled Due to PSH in Well				
RW - 3	11/22/11	Not Sampled Due to PSH in Well				
RW - 4	02/28/11	Not Sampled Due to PSH in Well				
RW - 4	05/12/11	Not Sampled Due to PSH in Well				
RW - 4	08/15/11	Not Sampled Due to PSH in Well				
RW - 4	11/22/11	Not Sampled Due to PSH in Well				

* Complete Historical Tables are provided on the attached CD.

TABLE 3

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-04 TOWNSEND
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0294

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	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---	
MW-2	12/10/08	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.0109	<0.000922	<0.000922	0.0429	<0.000922	0.0587	<0.000922	0.232	0.354	0.417	0.0377
	11/25/09	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.0276	<0.000922	0.0378	<0.000922	0.207	0.274	0.337	0.0267
	11/10/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/15/11	Not Sampled due to the presence of PSH.																		
MW-3	12/10/08	<0.000184	0.00934	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00578	<0.000184	<0.000184	0.024	<0.000184	0.0368	<0.000184	0.192	0.348	0.409	0.0228
	11/25/09	<0.0370	<0.0370	<0.0370	<0.0370	<0.0370	<0.0370	<0.0370	<0.0370	<0.0370	<0.0370	<0.0370	0.788	<0.0370	1.06	<0.0370	3.87	7.02	8.74	0.626
	11/10/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/15/11	Not Sampled due to the presence of PSH.																		
MW-4	12/10/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.0039	<0.000184	0.00376	<0.000184	0.0668	0.0435	0.0423	0.00414
	11/25/09	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	0.0143	<0.000917	0.0181	<0.000917	0.103	0.118	0.089	0.0123
	11/10/10	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00338	<0.000184	0.00404	<0.000184	0.0279	0.035	0.0188	0.00247
	12/15/11	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	0.00322	<0.000187	0.00423	<0.000187	0.0469	0.0371	0.0317	0.00409
MW-5	12/10/08	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	0.0424	<0.000935	0.192	0.301	0.346	0.0316
	11/25/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00909	<0.000184	0.0104	<0.000184	0.0905	0.0931	0.107	0.00848
	11/10/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/15/11	Not Sampled due to the presence of PSH.																		
MW-6	12/10/08	<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	0.00706	<0.000184	0.0921	0.0687	0.0744	0.00635
	11/25/09	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.0528	<0.000922	0.0648	<0.000922	0.294	0.498	0.569	0.0467
	11/10/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/15/11	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	0.00132	<0.000190	0.00137	<0.000190	0.0179	0.0212	0.0179	0.00158
MW-7	12/08/08	<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	0.0002	<0.000184	<0.000184	<0.000184	<0.000184
	11/25/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
	11/10/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 3

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-04 TOWNSEND

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0294

All water concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		--	--	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	--	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			--
MW-9	12/10/08	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	0.0134	<0.000926	0.016	<0.000926	0.102	0.122	0.138	0.0127
	11/25/09	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	0.0250	<0.000917	0.0315	<0.000917	0.125	0.221	0.253	0.0201
	11/10/10	Not Sampled as part of Quarterly Monitoring Event.																		
		Not Sampled due to the presence of PSH.																		
MW-10	12/08/08	<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
	11/25/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
	11/10/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	12/08/08	<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
	11/25/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
	11/10/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	12/08/08	<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
	11/25/09	<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
	11/10/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-13	12/08/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000294	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00116
	11/25/09	<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	0.000638
	11/10/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-14	12/08/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.000417	<0.000185	0.000311	<0.000185	0.00328	0.00314	0.00298	0.000355
	11/25/09	<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	0.00605	0.00516	0.00321	<0.000184
	11/10/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 3

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PLAINS MARKETING, L.P.
TNM 97-04 TOWNSEND
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0294

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		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran	
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		--	--	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	--	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		--		
MW-15	12/08/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000558	<0.000184	0.000384	<0.000184	0.00993	0.00525	0.00386	0.000687	
	11/25/09	<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	0.00209	0.00101	<0.000184	<0.000184	
	11/10/10	Not Sampled as part of Quarterly Monitoring Event.																			
	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																			
MW-16	12/08/08	<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	
	11/25/09	<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	
	11/10/10	Not Sampled as part of Quarterly Monitoring Event.																			
	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																			
MW-18	11/25/09	<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	
	11/10/10	Not Sampled as part of Quarterly Monitoring Event.																			
	12/31/11	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000262	
RW-1	12/10/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.0085	<0.000184	0.0104	<0.000184	0.075	0.0857	0.0912	0.00817	
	11/25/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.0120	<0.000184	0.0131	<0.000184	0.0961	0.113	0.126	0.0100	
	11/10/10	Not Sampled as part of Quarterly Monitoring Event.																			
	12/15/11	Not Sampled due to the presence of PSH.																			

Appendices

Appendix A
Release Notification and Corrective Action
(Form C-141)

DISTRICT I
P.O. BOX 1980, HOBBS, NM 88241-1980

State of New Mexico
Energy, Minerals and Natural Resources Department

SUBMIT 2 COPIES TO
APPROPRIATE DISTRICT
OFFICE IN ACCORDANCE
WITH RULE 116 PRINTED
ON BACK SIDE OF FORM

DISTRICT II
P.O. DRAWER DD, ARTESIA, NM 88211-
0719

OIL CONSERVATION DIVISION

DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Initial Report

NOTIFICATION OF FIRE, BREAKS, SPILLS, LEAKS, AND BLOWOUTS

OPERATOR Texas-New Mexico Pipe Line Company			ADDRESS P. O. Box 60028, San Angelo, TX 76906			TELEPHONE (915) 947-9000	
REPORT OF	FIRE	BREAK	SPILL	LEAK X	BLOWOUT	OTHER*	
TYPE OF FACILITY	DRLG WELL	PROD WELL	TANK BTRY	PIPE LINE X	GASO PLANT	OIL RFY	OTHER*
FACILITY NAME: 4" gathering line							
LOCATION OF FACILITY Qtr/Qtr Sec. or Footage. SW/4 SW/4 <i>SE/4 SE/4</i>			SEC. <i>11</i>	TWP. <i>11S</i>	RGE. <i>35E</i>	COUNTY <i>Lea</i>	
DISTANCE AND DIRECTION FROM NEAREST TOWN OR PROMINENT LANDMARK 2 miles west of Lovington							
DATE AND HOUR OF OCCURRENCE Unknown			DATE AND HOUR OF DISCOVERY April 16, 1997 4:00 p.m.				
WAS IMMEDIATE NOTICE GIVEN?	YES	NO	NOT REQUIRED X	IF YES, TO WHOM Wayne Price			
BY WHOM B. D. Chapman (reported that quantity may be more than 10 barrels)			DATE AND HOUR April 25, 1997 9:00 a.m.				
TYPE OF FLUID LOST Sweet Crude		QUANTITY OF LOSS Unknown (*see note below)			VOLUME RECOVERED None		
DID ANY FLUIDS REACH A WATERCOURSE?	YES	NO X	QUANTITY				
IF YES, DESCRIBE FULLY**							
DESCRIBE CAUSE OF PROBLEM AND REMEDIAL ACTION TAKEN** External Corrosion. Leak successfully clamped off.							
DESCRIBE AREA AFFECTED AND CLEANUP ACTION TAKEN** Approximately 1500 sq.ft. pasture land. Will remediate on site. *Originally estimated at 10 barrels. Under investigation. An amended report will be issued when quantity is determined.							
DESCRIPTION OF AREA	FARMING	GRAZING X	URBAN	OTHER*			
SURFACE CONDITION	SANDY	SANDY LOAM	CLAY	ROCKY X	WET	DRY X	SNOW
RECORD GENERAL CONDITIONS PREVAILING (TEMPERATURE, PRECIPITATION, ETC.)** 75 degrees; clear							
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF							
SIGNED <i>[Signature]</i>		PRINTED NAME AND TITLE Edwin H. Gripp, District Manager			DATE April 25, 1997		

*SPECIFY

State Corp. Commission
Pipe Line Division

**ATTACH ADDITIONAL SHEETS IF NECESSARY

Hazardous Waste Section
NM Environmental Improvement Div.

TNM-97-04

BDC

Laboratory Analytical Reports



6701 Aberdeen Avenue, Suite 9
200 East Sunset Road, Suite E
5002 Basin Street, Suite A1
6015 Harris Parkway, Suite 110

Lubbock, Texas 79424
El Paso, Texas 79922
Midland, Texas 79703
Ft. Worth, Texas 76132

800•378•1296
888•588•3443
E-Mail: lab@traceanalysis.com

806•794•1296
915•585•3443
432•689•6301
817•201•5260

FAX 806•794•1298
FAX 915•585•4944
FAX 432•689•6313

Certifications

WBENC: 237019

HUB: 1752439743100-86536
NCTRCA WFWB38444Y0909

DBE: VN 20657

NELAP Certifications

Lubbock: T104704219-08-TX
LELAP-02003
Kansas E-10317

El Paso: T104704221-08-TX
LELAP-02002

Midland: T104704392-08-TX

Analytical and Quality Control Report

E-mail Reports
Nova Safety & Environmental
2057 Commerce St.
Midland, TX, 79703

Report Date: March 14, 2011

Work Order: 11030108



Project Location: Lovington, NM
Project Name: TNM 97-04 Townsend
Project Number: TNM 97-04

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
259112	MW-18	water	2011-02-28	11:00	2011-03-01
259113	MW-15	water	2011-02-28	11:45	2011-03-01
259114	MW-4	water	2011-02-28	12:30	2011-03-01
259115	MW-13	water	2011-02-28	13:15	2011-03-01
259116	MW-6	water	2011-02-28	14:15	2011-03-01

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 8 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

Standard Flags

B - The sample contains less than ten times the concentration found in the method blank.

Case Narrative

Samples for project TNM 97-04 Townsend were received by TraceAnalysis, Inc. on 2011-03-01 and assigned to work order 11030108. Samples for work order 11030108 were received intact without headspace and at a temperature of 3.8 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	67068	2011-03-04 at 08:44	79032	2011-03-04 at 08:44

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 11030108 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: March 14, 2011
TNM 97-04

Work Order: 11030108
TNM 97-04 Townsend

Page Number: 4 of 8
Lovington, NM

Analytical Report

Sample: 259112 - MW-18

Laboratory: Midland
Analysis: BTEX
QC Batch: 79032
Prep Batch: 67068

Analytical Method: S 8021B
Date Analyzed: 2011-03-04
Sample Preparation: 2011-03-04

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

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

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.103	mg/L	1	0.100	103	67.8 - 126
4-Bromofluorobenzene (4-BFB)		0.0976	mg/L	1	0.100	98	51.1 - 128

Sample: 259113 - MW-15

Laboratory: Midland
Analysis: BTEX
QC Batch: 79032
Prep Batch: 67068

Analytical Method: S 8021B
Date Analyzed: 2011-03-04
Sample Preparation: 2011-03-04

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

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		0.500	mg/L	20	0.00100
Toluene		<0.0200	mg/L	20	0.00100
Ethylbenzene		<0.0200	mg/L	20	0.00100
Xylene		<0.0200	mg/L	20	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.88	mg/L	20	2.00	94	67.8 - 126
4-Bromofluorobenzene (4-BFB)		1.85	mg/L	20	2.00	92	51.1 - 128

Sample: 259114 - MW-4

Laboratory: Midland
Analysis: BTEX
QC Batch: 79032
Prep Batch: 67068

Analytical Method: S 8021B
Date Analyzed: 2011-03-04
Sample Preparation: 2011-03-04

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

Report Date: March 14, 2011
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Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		1.14	mg/L	5	0.00100
Toluene		0.343	mg/L	5	0.00100
Ethylbenzene		0.556	mg/L	5	0.00100
Xylene		0.999	mg/L	5	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.492	mg/L	5	0.500	98	67.8 - 126
4-Bromofluorobenzene (4-BFB)		0.557	mg/L	5	0.500	111	51.1 - 128

Sample: 259115 - MW-13

Laboratory: Midland
Analysis: BTEX
QC Batch: 79032
Prep Batch: 67068

Analytical Method: S 8021B
Date Analyzed: 2011-03-04
Sample Preparation: 2011-03-04

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

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		2.16	mg/L	5	0.00100
Toluene		<0.00500	mg/L	5	0.00100
Ethylbenzene		0.0426	mg/L	5	0.00100
Xylene		<0.00500	mg/L	5	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.472	mg/L	5	0.500	94	67.8 - 126
4-Bromofluorobenzene (4-BFB)		0.490	mg/L	5	0.500	98	51.1 - 128

Sample: 259116 - MW-6

Laboratory: Midland
Analysis: BTEX
QC Batch: 79032
Prep Batch: 67068

Analytical Method: S 8021B
Date Analyzed: 2011-03-04
Sample Preparation: 2011-03-04

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

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		3.77	mg/L	10	0.00100
Toluene		2.32	mg/L	10	0.00100
Ethylbenzene		0.330	mg/L	10	0.00100
Xylene		0.926	mg/L	10	0.00100

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Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.940	mg/L	10	1.00	94	67.8 - 126
4-Bromofluorobenzene (4-BFB)		0.952	mg/L	10	1.00	95	51.1 - 128

Method Blank (1) QC Batch: 79032

QC Batch: 79032
Prep Batch: 67068

Date Analyzed: 2011-03-04
QC Preparation: 2011-03-04

Analyzed By: ME
Prepared By: ME

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.000400	mg/L	0.001
Toluene		<0.000300	mg/L	0.001
Ethylbenzene		<0.000300	mg/L	0.001
Xylene		<0.000333	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0880	mg/L	1	0.100	88	70.2 - 118
4-Bromofluorobenzene (4-BFB)		0.0857	mg/L	1	0.100	86	47.3 - 116

Laboratory Control Spike (LCS-1)

QC Batch: 79032
Prep Batch: 67068

Date Analyzed: 2011-03-04
QC Preparation: 2011-03-04

Analyzed By: ME
Prepared By: ME

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.0946	mg/L	1	0.100	<0.000400	95	82.9 - 108
Toluene	0.0938	mg/L	1	0.100	<0.000300	94	82.7 - 107
Ethylbenzene	0.0916	mg/L	1	0.100	<0.000300	92	78.8 - 106
Xylene	0.277	mg/L	1	0.300	<0.000333	92	79.3 - 106

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

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	0.0935	mg/L	1	0.100	<0.000400	94	82.9 - 108	1	20
Toluene	0.0922	mg/L	1	0.100	<0.000300	92	82.7 - 107	2	20
Ethylbenzene	0.0904	mg/L	1	0.100	<0.000300	90	78.8 - 106	1	20
Xylene	0.276	mg/L	1	0.300	<0.000333	92	79.3 - 106	0	20

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

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Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0931	0.0912	mg/L	1	0.100	93	91	67.3 - 113
4-Bromofluorobenzene (4-BFB)	0.0938	0.0956	mg/L	1	0.100	94	96	68.2 - 124

Matrix Spike (MS-1) Spiked Sample: 259115

QC Batch: 79032
Prep Batch: 67068

Date Analyzed: 2011-03-04
QC Preparation: 2011-03-04

Analyzed By: ME
Prepared By: ME

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	2.61	mg/L	5	0.500	2.1558	91	77.9 - 114
Toluene	0.447	mg/L	5	0.500	<0.00150	89	78.3 - 111
Ethylbenzene	0.444	mg/L	5	0.500	0.0426	80	75.3 - 110
Xylene	1.30	mg/L	5	1.50	<0.00166	87	75.7 - 109

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

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	2.67	mg/L	5	0.500	2.1558	103	77.9 - 114	2	20
Toluene	0.462	mg/L	5	0.500	<0.00150	92	78.3 - 111	3	20
Ethylbenzene	0.462	mg/L	5	0.500	0.0426	84	75.3 - 110	4	20
Xylene	1.36	mg/L	5	1.50	<0.00166	91	75.7 - 109	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)	0.466	0.487	mg/L	5	0.5	93	97	68.3 - 107
4-Bromofluorobenzene (4-BFB)	0.500	0.520	mg/L	5	0.5	100	104	60.1 - 135

Standard (CCV-1)

QC Batch: 79032

Date Analyzed: 2011-03-04

Analyzed By: ME

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0876	88	80 - 120	2011-03-04
Toluene		mg/L	0.100	0.0856	86	80 - 120	2011-03-04
Ethylbenzene		mg/L	0.100	0.0822	82	80 - 120	2011-03-04
Xylene		mg/L	0.300	0.248	83	80 - 120	2011-03-04

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Standard (CCV-2)

QC Batch: 79032

Date Analyzed: 2011-03-04

Analyzed By: ME

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0928	93	80 - 120	2011-03-04
Toluene		mg/L	0.100	0.0909	91	80 - 120	2011-03-04
Ethylbenzene		mg/L	0.100	0.0875	88	80 - 120	2011-03-04
Xylene		mg/L	0.300	0.266	89	80 - 120	2011-03-04

Standard (CCV-3)

QC Batch: 79032

Date Analyzed: 2011-03-04

Analyzed By: ME

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0948	95	80 - 120	2011-03-04
Toluene		mg/L	0.100	0.0933	93	80 - 120	2011-03-04
Ethylbenzene		mg/L	0.100	0.0902	90	80 - 120	2011-03-04
Xylene		mg/L	0.300	0.272	91	80 - 120	2011-03-04

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Invoice to: <u></u>									
Project #: <u>TAM 97-04</u>		Project Name: <u>Demoland</u>							
Project Location (including state): <u>New Mexico</u>		Sampler Signature: <u>[Signature]</u>							
LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	VOLUME / AMOUNT	MATRIX WATER SOIL AIR SLUDGE	PRESERVATIVE METHOD HCl HNO ₃ H ₂ SO ₄ NaOH ICE NONE	DATE	TIME	MTBE 8021 / 602 / 8260 / 624 BTEX 8027 / 602 / 8260 / 624 TPH 418.1 / TX1005 / TX1005 EXT(C35) TPH 8015 GRO / DRO / TVHC PAH 8270 / 625 Total Metals Ag As Ba Cd Cr Pb Se Hg 6010/200.7 TCLP Metals Ag As Ba Cd Cr Pb Se Hg TCLP Volatiles TCLP Semi Volatiles TCLP Pesticides RCI GC/MS Vol. 8260 / 624 GC/MS Semi. Vol. 8270 / 625 PCBs 8082 / 608 Pesticides 8081 / 608 BOD, TSS, pH Moisture Content Cl, F, S04, NO3, NO2, Alkalinity Na, Ca, Mg, K, TDS, EC	Turn Around Time if different from standard
259112	MW-18	3	var	X	X	2-28	11:00	X	
113	MW-15	1	1	1	1	11:45	11:45		
114	MW-4	1	1	1	1	12:30	12:30		
115	MW-13	1	1	1	1	13:15	13:15		
116	MW-6	1	1	1	1	14:15	14:15		
REMARKS: <u>all tests - midland</u>									
LAB USE ONLY									
Intact ☒ N Headspace ☒ N									
Log-in-Review ☐									
Dry Weight Basis Required ☐ TRRP Report Required ☐ Check if Special Reporting Limits Are Needed ☐									

Carrier # Cary



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Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

Ron Rounsaville
Nova Safety & Environmental
2057 Commerce St.
Midland, TX, 79703

Report Date: May 19, 2011

Work Order: 11051305



Project Location: Lovington, NM
Project Name: TNM 97-04 Townsend
Project Number: TNM 97-04

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
266398	MW16	water	2011-05-12	13:20	2011-05-13
266399	MW18	water	2011-05-12	13:51	2011-05-13
266400	MW14	water	2011-05-12	14:14	2011-05-13
266401	MW15	water	2011-05-12	14:36	2011-05-13
266402	MW4	water	2011-05-12	15:00	2011-05-13
266403	MW13	water	2011-05-12	15:30	2011-05-13
266404	MW6	water	2011-05-12	15:55	2011-05-13

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 15 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 TNM 97-04 Townsend were received by TraceAnalysis, Inc. on 2011-05-13 and assigned to work order 11051305. Samples for work order 11051305 were received intact without headspace and at a temperature of 16.1 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	69006	2011-05-13 at 10:00	81278	2011-05-13 at 23:32
BTEX	S 8021B	69070	2011-05-18 at 13:00	81380	2011-05-18 at 14:48

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 11051305 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

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

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TNM 97-04

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Analytical Report

Sample: 266398 - MW16

Laboratory: Midland
Analysis: BTEX
QC Batch: 81278
Prep Batch: 69006

Analytical Method: S 8021B
Date Analyzed: 2011-05-13
Sample Preparation: 2011-05-13

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

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0947	mg/L	1	0.100	95	67.8 - 129
4-Bromofluorobenzene (4-BFB)			0.0862	mg/L	1	0.100	86	51.1 - 128

Sample: 266399 - MW18

Laboratory: Midland
Analysis: BTEX
QC Batch: 81278
Prep Batch: 69006

Analytical Method: S 8021B
Date Analyzed: 2011-05-13
Sample Preparation: 2011-05-13

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

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0864	mg/L	1	0.100	86	67.8 - 129
4-Bromofluorobenzene (4-BFB)			0.0818	mg/L	1	0.100	82	51.1 - 128

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Sample: 266400 - MW14

Laboratory: Midland

Analysis: BTEX

QC Batch: 81278

Prep Batch: 69006

Analytical Method: S 8021B

Date Analyzed: 2011-05-13

Sample Preparation: 2011-05-13

Prep Method: S 5030B

Analyzed By: ME

Prepared By: ME

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.0116	mg/L	1	0.00100
Toluene		1	<0.00100	mg/L	1	0.00100
Ethylbenzene		1	0.0575	mg/L	1	0.00100
Xylene		1	0.105	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0853	mg/L	1	0.100	85	67.8 - 129
4-Bromofluorobenzene (4-BFB)			0.108	mg/L	1	0.100	108	51.1 - 128

Sample: 266401 - MW15

Laboratory: Midland

Analysis: BTEX

QC Batch: 81278

Prep Batch: 69006

Analytical Method: S 8021B

Date Analyzed: 2011-05-13

Sample Preparation: 2011-05-13

Prep Method: S 5030B

Analyzed By: ME

Prepared By: ME

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	4.21	mg/L	20	0.00100
Toluene		1	<0.0200	mg/L	20	0.00100
Ethylbenzene		1	0.350	mg/L	20	0.00100
Xylene		1	0.404	mg/L	20	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			1.66	mg/L	20	2.00	83	67.8 - 129
4-Bromofluorobenzene (4-BFB)			1.64	mg/L	20	2.00	82	51.1 - 128

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Sample: 266402 - MW4

Laboratory: Midland

Analysis: BTEX

QC Batch: 81278

Prep Batch: 69006

Analytical Method: S 8021B

Date Analyzed: 2011-05-13

Sample Preparation: 2011-05-13

Prep Method: S 5030B

Analyzed By: ME

Prepared By: ME

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	1.02	mg/L	5	0.00100
Toluene		1	0.292	mg/L	5	0.00100
Ethylbenzene		1	0.517	mg/L	5	0.00100
Xylene		1	1.21	mg/L	5	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.438	mg/L	5	0.500	88	67.8 - 129
4-Bromofluorobenzene (4-BFB)			0.496	mg/L	5	0.500	99	51.1 - 128

Sample: 266403 - MW13

Laboratory: Midland

Analysis: BTEX

QC Batch: 81380

Prep Batch: 69070

Analytical Method: S 8021B

Date Analyzed: 2011-05-18

Sample Preparation: 2011-05-18

Prep Method: S 5030B

Analyzed By: ME

Prepared By: ME

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	3.13	mg/L	20	0.00100
Toluene		1	<0.0200	mg/L	20	0.00100
Ethylbenzene		1	0.255	mg/L	20	0.00100
Xylene		1	<0.0200	mg/L	20	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			1.48	mg/L	20	2.00	74	67.8 - 129
4-Bromofluorobenzene (4-BFB)			1.96	mg/L	20	2.00	98	51.1 - 128

Report Date: May 19, 2011
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Sample: 266404 - MW6

Laboratory: Midland
Analysis: BTEX
QC Batch: 81278
Prep Batch: 69006

Analytical Method: S 8021B
Date Analyzed: 2011-05-13
Sample Preparation: 2011-05-13

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

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	1.37	mg/L	10	0.00100
Toluene		1	0.637	mg/L	10	0.00100
Ethylbenzene		1	0.123	mg/L	10	0.00100
Xylene		1	0.503	mg/L	10	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.812	mg/L	10	1.00	81	67.8 - 129
4-Bromofluorobenzene (4-BFB)			0.801	mg/L	10	1.00	80	51.1 - 128

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Method Blanks

Method Blank (1) QC Batch: 81278

QC Batch: 81278 Date Analyzed: 2011-05-13 Analyzed By: ME
Prep Batch: 69006 QC Preparation: 2011-05-13 Prepared By: ME

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1	<0.000400	mg/L	0.001
Toluene		1	<0.000300	mg/L	0.001
Ethylbenzene		1	<0.000300	mg/L	0.001
Xylene		1	<0.000333	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0763	mg/L	1	0.100	76	70.2 - 118
4-Bromofluorobenzene (4-BFB)			0.0693	mg/L	1	0.100	69	47.3 - 116

Method Blank (1) QC Batch: 81380

QC Batch: 81380 Date Analyzed: 2011-05-18 Analyzed By: ME
Prep Batch: 69070 QC Preparation: 2011-05-18 Prepared By: AG

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1	<0.000400	mg/L	0.001
Toluene		1	<0.000300	mg/L	0.001
Ethylbenzene		1	<0.000300	mg/L	0.001
Xylene		1	<0.000333	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0909	mg/L	1	0.100	91	70.2 - 118
4-Bromofluorobenzene (4-BFB)			0.101	mg/L	1	0.100	101	47.3 - 116

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 81278
Prep Batch: 69006

Date Analyzed: 2011-05-13
QC Preparation: 2011-05-13

Analyzed By: ME
Prepared By: ME

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.101	mg/L	1	0.100	<0.000400	101	76.8 - 110
Toluene		1	0.109	mg/L	1	0.100	<0.000300	109	81 - 118
Ethylbenzene		1	0.0947	mg/L	1	0.100	<0.000300	95	78.8 - 118
Xylene		1	0.282	mg/L	1	0.300	<0.000333	94	80.3 - 119

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	0.102	mg/L	1	0.100	<0.000400	102	76.8 - 110	1	20
Toluene		1	0.110	mg/L	1	0.100	<0.000300	110	81 - 118	1	20
Ethylbenzene		1	0.0964	mg/L	1	0.100	<0.000300	96	78.8 - 118	2	20
Xylene		1	0.287	mg/L	1	0.300	<0.000333	96	80.3 - 119	2	20

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

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0827	0.0763	mg/L	1	0.100	83	76	66.6 - 114
4-Bromofluorobenzene (4-BFB)	0.0831	0.0752	mg/L	1	0.100	83	75	68.2 - 124

Laboratory Control Spike (LCS-1)

QC Batch: 81380
Prep Batch: 69070

Date Analyzed: 2011-05-18
QC Preparation: 2011-05-18

Analyzed By: ME
Prepared By: AG

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.0974	mg/L	1	0.100	<0.000400	97	76.8 - 110
Toluene		1	0.109	mg/L	1	0.100	<0.000300	109	81 - 118
Ethylbenzene		1	0.0955	mg/L	1	0.100	<0.000300	96	78.8 - 118
Xylene		1	0.284	mg/L	1	0.300	<0.000333	95	80.3 - 119

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	0.103	mg/L	1	0.100	<0.000400	103	76.8 - 110	6	20
Toluene		1	0.115	mg/L	1	0.100	<0.000300	115	81 - 118	5	20
Ethylbenzene		1	0.100	mg/L	1	0.100	<0.000300	100	78.8 - 118	5	20
Xylene		1	0.299	mg/L	1	0.300	<0.000333	100	80.3 - 119	5	20

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

Surrogate	LCSD Result	LCSD Result	Units	Dil.	Spike Amount	LCSD Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0856	0.0878	mg/L	1	0.100	86	88	66.6 - 114
4-Bromofluorobenzene (4-BFB)	0.101	0.100	mg/L	1	0.100	101	100	68.2 - 124

Matrix Spike (MS-1) Spiked Sample: 266401

QC Batch: 81278
Prep Batch: 69006

Date Analyzed: 2011-05-13
QC Preparation: 2011-05-13

Analyzed By: ME
Prepared By: ME

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	5.90	mg/L	20	2.00	4.2074	85	77.9 - 114
Toluene		1	2.04	mg/L	20	2.00	<0.00600	102	78.3 - 111
Ethylbenzene		1	2.05	mg/L	20	2.00	0.3503	85	75.3 - 110
Xylene		1	5.42	mg/L	20	6.00	0.404	84	75.7 - 109

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	5.93	mg/L	20	2.00	4.2074	86	77.9 - 114	0	20
Toluene		1	2.07	mg/L	20	2.00	<0.00600	104	78.3 - 111	1	20
Ethylbenzene		1	2.08	mg/L	20	2.00	0.3503	86	75.3 - 110	1	20
Xylene		1	5.54	mg/L	20	6.00	0.404	86	75.7 - 109	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)	1.64	1.75	mg/L	20	2	82	88	68.3 - 107
4-Bromofluorobenzene (4-BFB)	1.69	1.78	mg/L	20	2	84	89	60.1 - 135

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Matrix Spike (MS-1) Spiked Sample: 266403

QC Batch: 81380
Prep Batch: 69070

Date Analyzed: 2011-05-18
QC Preparation: 2011-05-18

Analyzed By: ME
Prepared By: AG

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	4.87	mg/L	20	2.00	3.1334	87	77.9 - 114
Toluene		1	2.16	mg/L	20	2.00	<0.00600	108	78.3 - 111
Ethylbenzene		1	2.03	mg/L	20	2.00	0.2547	89	75.3 - 110
Xylene		1	5.59	mg/L	20	6.00	<0.00666	93	75.7 - 109

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	4.88	mg/L	20	2.00	3.1334	87	77.9 - 114	0	20
Toluene		1	2.12	mg/L	20	2.00	<0.00600	106	78.3 - 111	2	20
Ethylbenzene		1	1.99	mg/L	20	2.00	0.2547	87	75.3 - 110	2	20
Xylene		1	5.52	mg/L	20	6.00	<0.00666	92	75.7 - 109	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)	1.53	1.49	mg/L	20	2	76	74	68.3 - 107
4-Bromofluorobenzene (4-BFB)	2.09	2.02	mg/L	20	2	104	101	60.1 - 135

Calibration Standards

Standard (CCV-1)

QC Batch: 81278

Date Analyzed: 2011-05-13

Analyzed By: ME

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0997	100	80 - 120	2011-05-13
Toluene		1	mg/L	0.100	0.107	107	80 - 120	2011-05-13
Ethylbenzene		1	mg/L	0.100	0.0934	93	80 - 120	2011-05-13
Xylene		1	mg/L	0.300	0.278	93	80 - 120	2011-05-13

Standard (CCV-2)

QC Batch: 81278

Date Analyzed: 2011-05-13

Analyzed By: ME

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0981	98	80 - 120	2011-05-13
Toluene		1	mg/L	0.100	0.105	105	80 - 120	2011-05-13
Ethylbenzene		1	mg/L	0.100	0.0913	91	80 - 120	2011-05-13
Xylene		1	mg/L	0.300	0.272	91	80 - 120	2011-05-13

Standard (CCV-2)

QC Batch: 81380

Date Analyzed: 2011-05-18

Analyzed By: ME

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0985	98	80 - 120	2011-05-18
Toluene		1	mg/L	0.100	0.111	111	80 - 120	2011-05-18
Ethylbenzene		1	mg/L	0.100	0.0953	95	80 - 120	2011-05-18
Xylene		1	mg/L	0.300	0.284	95	80 - 120	2011-05-18

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Standard (CCV-3)

QC Batch: 81380

Date Analyzed: 2011-05-18

Analyzed By: ME

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0972	97	80 - 120	2011-05-18
Toluene		1	mg/L	0.100	0.109	109	80 - 120	2011-05-18
Ethylbenzene		1	mg/L	0.100	0.0948	95	80 - 120	2011-05-18
Xylene		1	mg/L	0.300	0.282	94	80 - 120	2011-05-18

Appendix

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	T104704392-10-TX	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.
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.



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Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

Ron Rounsaville
Nova Safety & Environmental
2057 Commerce St.
Midland, TX, 79703

Report Date: August 24, 2011

Work Order: 11081716



Project Location: Lovington, NM
Project Name: TNM 97-04 Townsend
Project Number: TNM 97-04

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
274743	MW-18	water	2011-08-15	12:00	2011-08-17
274744	MW-14	water	2011-08-15	12:45	2011-08-17
274745	MW-4	water	2011-08-15	13:30	2011-08-17
274746	MW-6	water	2011-08-15	14:30	2011-08-17
274747	MW-13	water	2011-08-15	15:15	2011-08-17
274748	MW-15	water	2011-08-15	16:00	2011-08-17

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

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

A handwritten signature in black ink that reads "Michael Abel". The script is fluid and cursive, with the first name "Michael" and last name "Abel" clearly distinguishable.

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

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Case Narrative

Samples for project TNM 97-04 Townsend were received by TraceAnalysis, Inc. on 2011-08-17 and assigned to work order 11081716. Samples for work order 11081716 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	71373	2011-08-18 at 11:38	84063	2011-08-18 at 11:38
BTEX	S 8021B	71487	2011-08-23 at 08:50	84191	2011-08-23 at 08:50

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 11081716 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

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

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Analytical Report

Sample: 274743 - MW-18

Laboratory: Midland
Analysis: BTEX
QC Batch: 84191
Prep Batch: 71487

Analytical Method: S 8021B
Date Analyzed: 2011-08-23
Sample Preparation: 2011-08-23

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

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	79.1 - 127.2
4-Bromofluorobenzene (4-BFB)			0.0976	mg/L	1	0.100	98	67.5 - 140.8

Sample: 274744 - MW-14

Laboratory: Midland
Analysis: BTEX
QC Batch: 84063
Prep Batch: 71373

Analytical Method: S 8021B
Date Analyzed: 2011-08-18
Sample Preparation: 2011-08-18

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

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)			0.0975	mg/L	1	0.100	98	79.1 - 127.2
4-Bromofluorobenzene (4-BFB)			0.0999	mg/L	1	0.100	100	67.5 - 140.8

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Sample: 274745 - MW-4

Laboratory: Midland

Analysis: BTEX

QC Batch: 84063

Prep Batch: 71373

Analytical Method: S 8021B

Date Analyzed: 2011-08-18

Sample Preparation: 2011-08-18

Prep Method: S 5030B

Analyzed By: ME

Prepared By: ME

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.838	mg/L	5	0.00100
Toluene		1	0.0840	mg/L	5	0.00100
Ethylbenzene		1	0.355	mg/L	5	0.00100
Xylene		1	0.387	mg/L	5	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.467	mg/L	5	0.500	93	79.1 - 127.2
4-Bromofluorobenzene (4-BFB)			0.534	mg/L	5	0.500	107	67.5 - 140.8

Sample: 274746 - MW-6

Laboratory: Midland

Analysis: BTEX

QC Batch: 84063

Prep Batch: 71373

Analytical Method: S 8021B

Date Analyzed: 2011-08-18

Sample Preparation: 2011-08-18

Prep Method: S 5030B

Analyzed By: ME

Prepared By: ME

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	2.10	mg/L	10	0.00100
Toluene		1	0.945	mg/L	10	0.00100
Ethylbenzene		1	0.0741	mg/L	10	0.00100
Xylene		1	0.612	mg/L	10	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.910	mg/L	10	1.00	91	79.1 - 127.2
4-Bromofluorobenzene (4-BFB)			0.920	mg/L	10	1.00	92	67.5 - 140.8

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Sample: 274747 - MW-13

Laboratory: Midland

Analysis: BTEX

QC Batch: 84063

Prep Batch: 71373

Analytical Method: S 8021B

Date Analyzed: 2011-08-18

Sample Preparation: 2011-08-18

Prep Method: S 5030B

Analyzed By: ME

Prepared By: ME

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.738	mg/L	20	0.00100
Toluene	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)			1.76	mg/L	20	2.00	88	79.1 - 127.2
4-Bromofluorobenzene (4-BFB)			1.74	mg/L	20	2.00	87	67.5 - 140.8

Sample: 274748 - MW-15

Laboratory: Midland

Analysis: BTEX

QC Batch: 84063

Prep Batch: 71373

Analytical Method: S 8021B

Date Analyzed: 2011-08-18

Sample Preparation: 2011-08-18

Prep Method: S 5030B

Analyzed By: ME

Prepared By: ME

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	1.05	mg/L	20	0.00100
Toluene	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)			1.65	mg/L	20	2.00	82	79.1 - 127.2
4-Bromofluorobenzene (4-BFB)			1.66	mg/L	20	2.00	83	67.5 - 140.8

Method Blanks

Method Blank (1) QC Batch: 84063

QC Batch: 84063 Date Analyzed: 2011-08-18 Analyzed By: ME
Prep Batch: 71373 QC Preparation: 2011-08-18 Prepared By: ME

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1	<0.000400	mg/L	0.001
Toluene		1	<0.000300	mg/L	0.001
Ethylbenzene		1	<0.000300	mg/L	0.001
Xylene		1	<0.000333	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0899	mg/L	1	0.100	90	61.1 - 118.4
4-Bromofluorobenzene (4-BFB)			0.0899	mg/L	1	0.100	90	45.9 - 126.4

Method Blank (1) QC Batch: 84191

QC Batch: 84191 Date Analyzed: 2011-08-23 Analyzed By: ME
Prep Batch: 71487 QC Preparation: 2011-08-23 Prepared By: ME

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1	<0.000400	mg/L	0.001
Toluene		1	<0.000300	mg/L	0.001
Ethylbenzene		1	<0.000300	mg/L	0.001
Xylene		1	<0.000333	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0977	mg/L	1	0.100	98	61.1 - 118.4
4-Bromofluorobenzene (4-BFB)			0.0909	mg/L	1	0.100	91	45.9 - 126.4

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 84063
Prep Batch: 71373

Date Analyzed: 2011-08-18
QC Preparation: 2011-08-18

Analyzed By: ME
Prepared By: ME

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.0901	mg/L	1	0.100	<0.000400	90	76.8 - 110.3
Toluene		1	0.108	mg/L	1	0.100	<0.000300	108	90.9 - 122.2
Ethylbenzene		1	0.117	mg/L	1	0.100	<0.000300	117	72.7 - 120.2
Xylene		1	0.355	mg/L	1	0.300	<0.000333	118	72.1 - 121.5

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	0.0885	mg/L	1	0.100	<0.000400	88	76.8 - 110.3	2	20
Toluene		1	0.106	mg/L	1	0.100	<0.000300	106	90.9 - 122.2	2	20
Ethylbenzene		1	0.115	mg/L	1	0.100	<0.000300	115	72.7 - 120.2	2	20
Xylene		1	0.348	mg/L	1	0.300	<0.000333	116	72.1 - 121.5	2	20

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

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0998	0.102	mg/L	1	0.100	100	102	61.9 - 119.2
4-Bromofluorobenzene (4-BFB)	0.109	0.113	mg/L	1	0.100	109	113	56.4 - 127.9

Laboratory Control Spike (LCS-1)

QC Batch: 84191
Prep Batch: 71487

Date Analyzed: 2011-08-23
QC Preparation: 2011-08-23

Analyzed By: ME
Prepared By: ME

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.100	mg/L	1	0.100	<0.000400	100	76.8 - 110.3
Toluene		1	0.102	mg/L	1	0.100	<0.000300	102	90.9 - 122.2
Ethylbenzene		1	0.101	mg/L	1	0.100	<0.000300	101	72.7 - 120.2
Xylene		1	0.306	mg/L	1	0.300	<0.000333	102	72.1 - 121.5

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

Report Date: August 24, 2011
TNM 97-04

Work Order: 11081716
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Lovington, NM

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.105	mg/L	1	0.100	<0.000400	105	76.8 - 110.3	5	20
Toluene		1	0.106	mg/L	1	0.100	<0.000300	106	90.9 - 122.2	4	20
Ethylbenzene		1	0.106	mg/L	1	0.100	<0.000300	106	72.7 - 120.2	5	20
Xylene		1	0.319	mg/L	1	0.300	<0.000333	106	72.1 - 121.5	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)	0.0914	0.0952	mg/L	1	0.100	91	95	61.9 - 119.2
4-Bromofluorobenzene (4-BFB)	0.0901	0.0935	mg/L	1	0.100	90	94	56.4 - 127.9

Matrix Spike (MS-1) Spiked Sample: 274759

QC Batch: 84063
Prep Batch: 71373

Date Analyzed: 2011-08-18
QC Preparation: 2011-08-18

Analyzed By: ME
Prepared By: ME

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	9.66	mg/L	50	5.00	5.9444	74	66.9 - 128.2
Toluene		1	4.54	mg/L	50	5.00	<0.0150	91	81.6 - 122.9
Ethylbenzene		1	4.92	mg/L	50	5.00	<0.0150	98	62.7 - 117.9
Xylene		1	14.7	mg/L	50	15.0	<0.0166	98	62.9 - 118.2

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	10.1	mg/L	50	5.00	5.9444	83	66.9 - 128.2	4	20
Toluene		1	4.81	mg/L	50	5.00	<0.0150	96	81.6 - 122.9	6	20
Ethylbenzene		1	5.21	mg/L	50	5.00	<0.0150	104	62.7 - 117.9	6	20
Xylene		1	15.7	mg/L	50	15.0	<0.0166	105	62.9 - 118.2	7	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)	4.52	4.58	mg/L	50	5	90	92	58.6 - 119.7
4-Bromofluorobenzene (4-BFB)	4.97	5.19	mg/L	50	5	99	104	52.2 - 135.8

Report Date: August 24, 2011
TNM 97-04

Work Order: 11081716
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Matrix Spike (MS-1) Spiked Sample: 274736

QC Batch: 84191
Prep Batch: 71487

Date Analyzed: 2011-08-23
QC Preparation: 2011-08-23

Analyzed By: ME
Prepared By: ME

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	1.89	mg/L	10	1.00	0.9466	94	66.9 - 128.2
Toluene		1	1.22	mg/L	10	1.00	0.242	98	81.6 - 122.9
Ethylbenzene		1	0.990	mg/L	10	1.00	<0.00300	99	62.7 - 117.9
Xylene		1	3.12	mg/L	10	3.00	0.205	97	62.9 - 118.2

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	1.94	mg/L	10	1.00	0.9466	99	66.9 - 128.2	3	20
Toluene		1	1.26	mg/L	10	1.00	0.242	102	81.6 - 122.9	3	20
Ethylbenzene		1	1.03	mg/L	10	1.00	<0.00300	103	62.7 - 117.9	4	20
Xylene		1	3.24	mg/L	10	3.00	0.205	101	62.9 - 118.2	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)	0.986	0.989	mg/L	10	1	99	99	58.6 - 119.7
4-Bromofluorobenzene (4-BFB)	0.996	1.01	mg/L	10	1	100	101	52.2 - 135.8

Calibration Standards

Standard (CCV-1)

QC Batch: 84063

Date Analyzed: 2011-08-18

Analyzed By: ME

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0888	89	80 - 120	2011-08-18
Toluene		1	mg/L	0.100	0.107	107	80 - 120	2011-08-18
Ethylbenzene		1	mg/L	0.100	0.117	117	80 - 120	2011-08-18
Xylene		1	mg/L	0.300	0.354	118	80 - 120	2011-08-18

Standard (CCV-2)

QC Batch: 84063

Date Analyzed: 2011-08-18

Analyzed By: ME

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0921	92	80 - 120	2011-08-18
Toluene		1	mg/L	0.100	0.110	110	80 - 120	2011-08-18
Ethylbenzene		1	mg/L	0.100	0.119	119	80 - 120	2011-08-18
Xylene		1	mg/L	0.300	0.357	119	80 - 120	2011-08-18

Standard (CCV-3)

QC Batch: 84063

Date Analyzed: 2011-08-18

Analyzed By: ME

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0845	84	80 - 120	2011-08-18
Toluene		1	mg/L	0.100	0.101	101	80 - 120	2011-08-18
Ethylbenzene		1	mg/L	0.100	0.108	108	80 - 120	2011-08-18
Xylene		1	mg/L	0.300	0.326	109	80 - 120	2011-08-18

Report Date: August 24, 2011
TNM 97-04

Work Order: 11081716
TNM 97-04 Townsend

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Standard (CCV-1)

QC Batch: 84191

Date Analyzed: 2011-08-23

Analyzed By: ME

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	2011-08-23
Toluene		1	mg/L	0.100	0.100	100	80 - 120	2011-08-23
Ethylbenzene		1	mg/L	0.100	0.0973	97	80 - 120	2011-08-23
Xylene		1	mg/L	0.300	0.296	99	80 - 120	2011-08-23

Standard (CCV-2)

QC Batch: 84191

Date Analyzed: 2011-08-23

Analyzed By: ME

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	2011-08-23
Toluene		1	mg/L	0.100	0.108	108	80 - 120	2011-08-23
Ethylbenzene		1	mg/L	0.100	0.107	107	80 - 120	2011-08-23
Xylene		1	mg/L	0.300	0.321	107	80 - 120	2011-08-23

Appendix

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	T104704392-10-TX	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.
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.

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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

email: lab@traceanalysis.com

Company Name: <u>ANNA</u>		Phone #: <u>432-520-7720</u>												
Address: <u>2057 Commerce Midland Tx 79703</u>		Fax #: <u>432-520-7701</u>												
Contact Person: <u>Ron R.</u>		E-mail:												
Invoice to: (If different from above)														
Project #: <u>7114-970-04</u>		Project Name: <u>Townsend</u>												
Project Location (including state): <u>New Mexico</u>		Sampler Signature: <u>[Signature]</u>												
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
274743	mw-18	3	var	X				X					8-15	12:00
744	mw-14													12:45
745	mw-4													13:30
746	mw-6													14:30
747	mw-13													15:15
748	mw-15													16:00
														MTBE 8021 / 602 / 8260 / 624
														BTX 8022 / 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, S04, NO3, NO2, Alkalinity
														Na, Ca, Mg, K, TDS, EC
														Turn Around Time if different from standard
														Hold

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB USE ONLY	REMARKS: <u>X All test Midland</u>
Intact ☒ N	
Headspace ☒ Y ☒ N	
Log-in-Review ☐	
Dry Weight Basis Required ☐	
TRRP Report Required ☐	
Check If Special Reporting Limits Are Needed ☐	

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

ORIGINAL COPY

Carrier # [Signature]



6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1298
200 East Sunset Road, Suite E El Paso, Texas 79922 888•588•3443 915•585•3443 FAX 915•585•4944
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6015 Harris Parkway, Suite 110 Ft. Worth, Texas 76132 817•201•5260
E-Mail: lab@traceanalysis.com

Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

Ron Rounsaville
Nova Safety & Environmental
2057 Commerce St.
Midland, TX, 79703

Report Date: November 29, 2011

Work Order: 11112305



Project Location: Lovington, NM
Project Name: TNM 97-04 Townsend
Project Number: TNM 97-04

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
283001	MW-7	water	2011-11-22	11:50	2011-11-23
283002	MW-10	water	2011-11-22	12:00	2011-11-23
283003	MW-11	water	2011-11-22	12:00	2011-11-23
283004	MW-12	water	2011-11-22	12:15	2011-11-23
283005	MW-16	water	2011-11-22	12:15	2011-11-23
283006	MW-18	water	2011-11-22	12:40	2011-11-23
283007	MW-14	water	2011-11-22	12:40	2011-11-23
283008	MW-13	water	2011-11-22	12:55	2011-11-23
283009	MW-4	water	2011-11-22	13:00	2011-11-23
283010	MW-15	water	2011-11-22	13:15	2011-11-23
283011	MW-6	water	2011-11-22	13:25	2011-11-23

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

This report consists of a total of 15 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 TNM 97-04 Townsend were received by TraceAnalysis, Inc. on 2011-11-23 and assigned to work order 11112305. Samples for work order 11112305 were received intact with headspace and at a temperature of 9.9 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	73644	2011-11-23 at 11:15	86735	2011-11-23 at 13:10

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

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 11112305 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.

Samples were received on ice.

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: 283001 - MW-7

Laboratory: Midland
Analysis: BTEX
QC Batch: 86735
Prep Batch: 73644

Analytical Method: S 8021B
Date Analyzed: 2011-11-23
Sample Preparation: 2011-11-23

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

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0997	mg/L	1	0.100	100	79.1 - 127.2
4-Bromofluorobenzene (4-BFB)			0.0813	mg/L	1	0.100	81	67.5 - 140.8

Sample: 283002 - MW-10

Laboratory: Midland
Analysis: BTEX
QC Batch: 86735
Prep Batch: 73644

Analytical Method: S 8021B
Date Analyzed: 2011-11-23
Sample Preparation: 2011-11-23

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

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.100	mg/L	1	0.100	100	79.1 - 127.2
4-Bromofluorobenzene (4-BFB)			0.0815	mg/L	1	0.100	82	67.5 - 140.8

Report Date: November 29, 2011
TNM 97-04

Work Order: 11112305
TNM 97-04 Townsend

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Lovington, NM

Sample: 283003 - MW-11

Laboratory: Midland

Analysis: BTEX

QC Batch: 86735

Prep Batch: 73644

Analytical Method: S 8021B

Date Analyzed: 2011-11-23

Sample Preparation: 2011-11-23

Prep Method: S 5030B

Analyzed By: AG

Prepared By: AG

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0975	mg/L	1	0.100	98	79.1 - 127.2
4-Bromofluorobenzene (4-BFB)			0.0790	mg/L	1	0.100	79	67.5 - 140.8

Sample: 283004 - MW-12

Laboratory: Midland

Analysis: BTEX

QC Batch: 86735

Prep Batch: 73644

Analytical Method: S 8021B

Date Analyzed: 2011-11-23

Sample Preparation: 2011-11-23

Prep Method: S 5030B

Analyzed By: AG

Prepared By: AG

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0961	mg/L	1	0.100	96	79.1 - 127.2
4-Bromofluorobenzene (4-BFB)			0.0780	mg/L	1	0.100	78	67.5 - 140.8

Report Date: November 29, 2011
TNM 97-04

Work Order: 11112305
TNM 97-04 Townsend

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Lovington, NM

Sample: 283005 - MW-16

Laboratory: Midland

Analysis: BTEX

QC Batch: 86735

Prep Batch: 73644

Analytical Method: S 8021B

Date Analyzed: 2011-11-23

Sample Preparation: 2011-11-23

Prep Method: S 5030B

Analyzed By: AG

Prepared By: AG

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.102	mg/L	1	0.100	102	79.1 - 127.2
4-Bromofluorobenzene (4-BFB)			0.0821	mg/L	1	0.100	82	67.5 - 140.8

Sample: 283006 - MW-18

Laboratory: Midland

Analysis: BTEX

QC Batch: 86735

Prep Batch: 73644

Analytical Method: S 8021B

Date Analyzed: 2011-11-23

Sample Preparation: 2011-11-23

Prep Method: S 5030B

Analyzed By: AG

Prepared By: AG

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0957	mg/L	1	0.100	96	79.1 - 127.2
4-Bromofluorobenzene (4-BFB)			0.0794	mg/L	1	0.100	79	67.5 - 140.8

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TNM 97-04

Work Order: 11112305
TNM 97-04 Townsend

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Lovington, NM

Sample: 283007 - MW-14

Laboratory: Midland

Analysis: BTEX

QC Batch: 86735

Prep Batch: 73644

Analytical Method: S 8021B

Date Analyzed: 2011-11-23

Sample Preparation: 2011-11-23

Prep Method: S 5030B

Analyzed By: AG

Prepared By: AG

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.00260	mg/L	1	0.00100
Toluene	U	1	<0.00100	mg/L	1	0.00100
Ethylbenzene		1	0.0166	mg/L	1	0.00100
Xylene		1	0.0318	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	79.1 - 127.2
4-Bromofluorobenzene (4-BFB)			0.0984	mg/L	1	0.100	98	67.5 - 140.8

Sample: 283008 - MW-13

Laboratory: Midland

Analysis: BTEX

QC Batch: 86735

Prep Batch: 73644

Analytical Method: S 8021B

Date Analyzed: 2011-11-23

Sample Preparation: 2011-11-23

Prep Method: S 5030B

Analyzed By: AG

Prepared By: AG

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.810	mg/L	20	0.00100
Toluene	U	1	<0.0200	mg/L	20	0.00100
Ethylbenzene		1	0.0714	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)			1.84	mg/L	20	2.00	92	79.1 - 127.2
4-Bromofluorobenzene (4-BFB)			1.54	mg/L	20	2.00	77	67.5 - 140.8

Report Date: November 29, 2011
TNM 97-04

Work Order: 11112305
TNM 97-04 Townsend

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Lovington, NM

Sample: 283009 - MW-4

Laboratory: Midland

Analysis: BTEX

QC Batch: 86735

Prep Batch: 73644

Analytical Method: S 8021B

Date Analyzed: 2011-11-23

Sample Preparation: 2011-11-23

Prep Method: S 5030B

Analyzed By: AG

Prepared By: AG

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.684	mg/L	5	0.00100
Toluene		1	0.0609	mg/L	5	0.00100
Ethylbenzene		1	0.435	mg/L	5	0.00100
Xylene		1	1.04	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	79.1 - 127.2
4-Bromofluorobenzene (4-BFB)			0.500	mg/L	5	0.500	100	67.5 - 140.8

Sample: 283010 - MW-15

Laboratory: Midland

Analysis: BTEX

QC Batch: 86735

Prep Batch: 73644

Analytical Method: S 8021B

Date Analyzed: 2011-11-23

Sample Preparation: 2011-11-23

Prep Method: S 5030B

Analyzed By: AG

Prepared By: AG

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	1.49	mg/L	20	0.00100
Toluene	U	1	<0.0200	mg/L	20	0.00100
Ethylbenzene		1	0.0731	mg/L	20	0.00100
Xylene		1	0.0676	mg/L	20	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			1.79	mg/L	20	2.00	90	79.1 - 127.2
4-Bromofluorobenzene (4-BFB)			1.52	mg/L	20	2.00	76	67.5 - 140.8

Report Date: November 29, 2011
TNM 97-04

Work Order: 11112305
TNM 97-04 Townsend

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Lovington, NM

Sample: 283011 - MW-6

Laboratory: Midland

Analysis: BTEX

QC Batch: 86735

Prep Batch: 73644

Analytical Method: S 8021B

Date Analyzed: 2011-11-23

Sample Preparation: 2011-11-23

Prep Method: S 5030B

Analyzed By: AG

Prepared By: AG

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	3.59	mg/L	10	0.00100
Toluene		1	1.46	mg/L	10	0.00100
Ethylbenzene		1	0.317	mg/L	10	0.00100
Xylene		1	1.10	mg/L	10	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.977	mg/L	10	1.00	98	79.1 - 127.2
4-Bromofluorobenzene (4-BFB)			0.884	mg/L	10	1.00	88	67.5 - 140.8

Method Blanks

Method Blank (1) QC Batch: 86735

QC Batch: 86735
Prep Batch: 73644

Date Analyzed: 2011-11-23
QC Preparation: 2011-11-23

Analyzed By: AG
Prepared By: AG

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1	<0.000400	mg/L	0.001
Toluene		1	<0.000300	mg/L	0.001
Ethylbenzene		1	<0.000300	mg/L	0.001
Xylene		1	<0.000333	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0901	mg/L	1	0.100	90	61.1 - 118.4
4-Bromofluorobenzene (4-BFB)			0.0748	mg/L	1	0.100	75	45.9 - 126.4

Report Date: November 29, 2011
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Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 86735
Prep Batch: 73644

Date Analyzed: 2011-11-23
QC Preparation: 2011-11-23

Analyzed By: AG
Prepared By: AG

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.103	mg/L	1	0.100	<0.000400	103	76.8 - 120.3
Toluene		1	0.0966	mg/L	1	0.100	<0.000300	97	80.9 - 122.2
Ethylbenzene		1	0.0914	mg/L	1	0.100	<0.000300	91	72.7 - 120.2
Xylene		1	0.272	mg/L	1	0.300	<0.000333	91	72.1 - 121.5

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	0.107	mg/L	1	0.100	<0.000400	107	76.8 - 120.3	4	20
Toluene		1	0.0999	mg/L	1	0.100	<0.000300	100	80.9 - 122.2	3	20
Ethylbenzene		1	0.0950	mg/L	1	0.100	<0.000300	95	72.7 - 120.2	4	20
Xylene		1	0.285	mg/L	1	0.300	<0.000333	95	72.1 - 121.5	5	20

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

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0908	0.0929	mg/L	1	0.100	91	93	61.9 - 119.2
4-Bromofluorobenzene (4-BFB)	0.0873	0.0892	mg/L	1	0.100	87	89	56.4 - 127.9

Matrix Spike (MS-1) Spiked Sample: 283011

QC Batch: 86735
Prep Batch: 73644

Date Analyzed: 2011-11-23
QC Preparation: 2011-11-23

Analyzed By: AG
Prepared By: AG

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	4.56	mg/L	10	1.00	3.5887	97	66.9 - 128.2
Toluene		1	2.47	mg/L	10	1.00	1.4592	101	81.6 - 122.9
Ethylbenzene		1	1.21	mg/L	10	1.00	0.3168	89	62.7 - 117.9
Xylene		1	3.82	mg/L	10	3.00	1.1003	91	62.9 - 118.2

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

Report Date: November 29, 2011
TNM 97-04

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Param	F	C	MSD		Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
			Result	Units							
Benzene		1	4.87	mg/L	10	1.00	3.5887	128	66.9 - 128.2	7	20
Toluene		1	2.66	mg/L	10	1.00	1.4592	120	81.6 - 122.9	7	20
Ethylbenzene		1	1.33	mg/L	10	1.00	0.3168	101	62.7 - 117.9	9	20
Xylene		1	4.15	mg/L	10	3.00	1.1003	102	62.9 - 118.2	8	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)	0.956	1.00	mg/L	10	1	96	100	58.6 - 119.7
4-Bromofluorobenzene (4-BFB)	0.932	1.03	mg/L	10	1	93	103	52.2 - 135.8

Calibration Standards

Standard (CCV-1)

QC Batch: 86735

Date Analyzed: 2011-11-23

Analyzed By: AG

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	2011-11-23
Toluene		1	mg/L	0.100	0.100	100	80 - 120	2011-11-23
Ethylbenzene		1	mg/L	0.100	0.0954	95	80 - 120	2011-11-23
Xylene		1	mg/L	0.300	0.286	95	80 - 120	2011-11-23

Standard (CCV-2)

QC Batch: 86735

Date Analyzed: 2011-11-23

Analyzed By: AG

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	2011-11-23
Toluene		1	mg/L	0.100	0.0968	97	80 - 120	2011-11-23
Ethylbenzene		1	mg/L	0.100	0.0893	89	80 - 120	2011-11-23
Xylene		1	mg/L	0.300	0.269	90	80 - 120	2011-11-23

Standard (CCV-3)

QC Batch: 86735

Date Analyzed: 2011-11-23

Analyzed By: AG

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	2011-11-23
Toluene		1	mg/L	0.100	0.0996	100	80 - 120	2011-11-23
Ethylbenzene		1	mg/L	0.100	0.0933	93	80 - 120	2011-11-23
Xylene		1	mg/L	0.300	0.279	93	80 - 120	2011-11-23

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	T104704392-10-TX	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.
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.

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2501 Mayes Rd., Ste 100
Carrollton, Texas 75006
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email: lab@traceanalysis.com

Company Name: Nova Safety & Environmental
Address: 2057 Commerce, Midland, TX 79703
Contact Person: Ron Ransaville
Phone #: 432-520-7720
Fax #:
E-mail:

Invoice to: (If different from above)
Project #: TNM-9704
Project Name: Lea County, NM
Sampler Signature: [Signature]

Project Location (including state): Lea County, NM

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX			PRESERVATIVE METHOD					SAMPLING	
				WATER	AIR	SLUDGE	HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE	DATE	TIME
28001	MW7	3	100	X			X				X	11/22	1150
002	MW10												1200
003	MW11												1200
004	MW12												1215
005	MW16												1215
006	MW18												1240
007	MW14												1240
008	MW13												1255
009	MW4												1300
010	MW15												1315
011	MW6												1325

Relinquished by: Don the Lee Company: Nova Date: 11/22 Time: 0800
Relinquished by: [Signature] Company: TA Date: 11/23 Time: 8:28
Relinquished by: Company: Date: Time:

LAB USE ONLY
Intact ☒ N
Headspace ☒ NA
Dry Weight Basis Required ☐
TRRP Report Required ☐
Check If Special Reporting Limits Are Needed ☐

REMARKS: Mudland



6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1298
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E-Mail: lab@traceanalysis.com

Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

Ron Rounsaville
Nova Safety & Environmental
2057 Commerce St.
Midland, TX, 79703

Report Date: January 4, 2012

Work Order: 11121924



Project Location: Lovington, NM
Project Name: TNM 97-04 Townsend
Project Number: TNM 97-04

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
284814	MW-4	water	2011-12-15	15:20	2011-12-16
284815	MW-6	water	2011-12-15	15:35	2011-12-16

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 TNM 97-04 Townsend were received by TraceAnalysis, Inc. on 2011-12-16 and assigned to work order 11121924. Samples for work order 11121924 were received intact at a temperature of 11.3 C.

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

Test	Method	Prep Batch	Prep Date	QC Batch	Analysis Date
PAH	S 8270D	74334	2012-12-21 at 15:00	87535	2012-01-02 at 11:40

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 11121924 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 4, 2012
TNM 97-04

Work Order: 11121924
TNM 97-04 Townsend

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Lovington, NM

Analytical Report

Sample: 284814 - MW-4

Laboratory: Lubbock
Analysis: PAH
QC Batch: 87535
Prep Batch: 74334

Analytical Method: S 8270D
Date Analyzed: 2012-01-02
Sample Preparation: 2012-12-21

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

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Naphthalene		1	0.0469	mg/L	0.935	0.000200
2-Methylnaphthalene		1	0.0318	mg/L	0.935	0.000200
1-Methylnaphthalene			0.0371	mg/L	0.935	0.000200
Acenaphthylene	U	1	<0.000187	mg/L	0.935	0.000200
Acenaphthene	U	1	<0.000187	mg/L	0.935	0.000200
Dibenzofuran		1	0.00409	mg/L	0.935	0.000200
Fluorene		1	0.00322	mg/L	0.935	0.000200
Anthracene	U	1	<0.000187	mg/L	0.935	0.000200
Phenanthrene			0.00423	mg/L	0.935	0.000200
Fluoranthene	U		<0.000187	mg/L	0.935	0.000200
Pyrene	U	1	<0.000187	mg/L	0.935	0.000200
Benzo(a)anthracene	U		<0.000187	mg/L	0.935	0.000200
Chrysene	U	1	<0.000187	mg/L	0.935	0.000200
Benzo(b)fluoranthene	U		<0.000187	mg/L	0.935	0.000200
Benzo(k)fluoranthene	U	1	<0.000187	mg/L	0.935	0.000200
Benzo(a)pyrene	U	1	<0.000187	mg/L	0.935	0.000200
Indeno(1,2,3-cd)pyrene	U	1	<0.000187	mg/L	0.935	0.000200
Dibenzo(a,h)anthracene	U	1	<0.000187	mg/L	0.935	0.000200
Benzo(g,h,i)perylene	U		<0.000187	mg/L	0.935	0.000200

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5			0.0602	mg/L	0.935	0.0800	75	10 - 117
2-Fluorobiphenyl			0.0608	mg/L	0.935	0.0800	76	10 - 99
Terphenyl-d14			0.0817	mg/L	0.935	0.0800	102	22.6 - 115

Report Date: January 4, 2012
TNM 97-04

Work Order: 11121924
TNM 97-04 Townsend

Page Number: 5 of 10
Lovington, NM

Sample: 284815 - MW-6

Laboratory: Lubbock

Analysis: PAH

QC Batch: 87535

Prep Batch: 74334

Analytical Method: S 8270D

Date Analyzed: 2012-01-02

Sample Preparation: 2012-12-21

Prep Method: S 3510C

Analyzed By: MN

Prepared By: MN

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Naphthalene		1	0.0179	mg/L	0.952	0.000200
2-Methylnaphthalene		1	0.0179	mg/L	0.952	0.000200
1-Methylnaphthalene			0.0212	mg/L	0.952	0.000200
Acenaphthylene	U	1	<0.000190	mg/L	0.952	0.000200
Acenaphthene	U	1	<0.000190	mg/L	0.952	0.000200
Dibenzofuran		1	0.00158	mg/L	0.952	0.000200
Fluorene		1	0.00132	mg/L	0.952	0.000200
Anthracene	U	1	<0.000190	mg/L	0.952	0.000200
Phenanthrene			0.00137	mg/L	0.952	0.000200
Fluoranthene	U		<0.000190	mg/L	0.952	0.000200
Pyrene	U	1	<0.000190	mg/L	0.952	0.000200
Benzo(a)anthracene	U		<0.000190	mg/L	0.952	0.000200
Chrysene	U	1	<0.000190	mg/L	0.952	0.000200
Benzo(b)fluoranthene	U		<0.000190	mg/L	0.952	0.000200
Benzo(k)fluoranthene	U	1	<0.000190	mg/L	0.952	0.000200
Benzo(a)pyrene	U	1	<0.000190	mg/L	0.952	0.000200
Indeno(1,2,3-cd)pyrene	U	1	<0.000190	mg/L	0.952	0.000200
Dibenzo(a,h)anthracene	U	1	<0.000190	mg/L	0.952	0.000200
Benzo(g,h,i)perylene	U		<0.000190	mg/L	0.952	0.000200

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5			0.0366	mg/L	0.952	0.0800	46	10 - 117
2-Fluorobiphenyl			0.0363	mg/L	0.952	0.0800	45	10 - 99
Terphenyl-d14			0.0446	mg/L	0.952	0.0800	56	22.6 - 115

Method Blanks

Method Blank (1) QC Batch: 87535

QC Batch: 87535
Prep Batch: 74334

Date Analyzed: 2012-01-02
QC Preparation: 2012-12-21

Analyzed By: MN
Prepared By: MN

Parameter	Flag	Cert	MDL Result	Units	RL
Naphthalene		1	<0.0000904	mg/L	0.0002
2-Methylnaphthalene		1	<0.000184	mg/L	0.0002
1-Methylnaphthalene			<0.000120	mg/L	0.0002
Acenaphthylene		1	<0.000101	mg/L	0.0002
Acenaphthene		1	<0.000122	mg/L	0.0002
Dibenzofuran		1	<0.000119	mg/L	0.0002
Fluorene		1	<0.000198	mg/L	0.0002
Anthracene		1	<0.000190	mg/L	0.0002
Phenanthrene			<0.000190	mg/L	0.0002
Fluoranthene			<0.000122	mg/L	0.0002
Pyrene		1	<0.000142	mg/L	0.0002
Benzo(a)anthracene			<0.000138	mg/L	0.0002
Chrysene		1	<0.000155	mg/L	0.0002
Benzo(b)fluoranthene			<0.000179	mg/L	0.0002
Benzo(k)fluoranthene		1	<0.000185	mg/L	0.0002
Benzo(a)pyrene		1	<0.000169	mg/L	0.0002
Indeno(1,2,3-cd)pyrene		1	<0.000139	mg/L	0.0002
Dibenzo(a,h)anthracene		1	<0.000107	mg/L	0.0002
Benzo(g,h,i)perylene			<0.000143	mg/L	0.0002

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5			0.0450	mg/L	1	0.0800	56	10 - 117
2-Fluorobiphenyl			0.0360	mg/L	1	0.0800	45	10 - 99
Terphenyl-d14			0.0563	mg/L	1	0.0800	70	22.6 - 115

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 87535
Prep Batch: 74334

Date Analyzed: 2012-01-02
QC Preparation: 2012-12-21

Analyzed By: MN
Prepared By: MN

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Naphthalene		1	0.0315	mg/L	1	0.0800	<0.0000904	39	10 - 89.9
2-Methylnaphthalene		1	0.0351	mg/L	1	0.0800	<0.000184	44	13.8 - 98.4
1-Methylnaphthalene			0.0407	mg/L	1	0.0800	<0.000120	51	13.1 - 103
Acenaphthylene		1	0.0410	mg/L	1	0.0800	<0.000101	51	20 - 104
Acenaphthene		1	0.0403	mg/L	1	0.0800	<0.000122	50	21.6 - 94.6
Dibenzofuran		1	0.0479	mg/L	1	0.0800	<0.000119	60	22.9 - 74.9
Fluorene		1	0.0515	mg/L	1	0.0800	<0.000198	64	30.8 - 109
Anthracene		1	0.0594	mg/L	1	0.0800	<0.000190	74	37.6 - 96.4
Phenanthrene			0.0571	mg/L	1	0.0800	<0.000190	71	42.4 - 99.8
Fluoranthene			0.0558	mg/L	1	0.0800	<0.000122	70	48 - 118
Pyrene		1	0.0734	mg/L	1	0.0800	<0.000142	92	45.3 - 109
Benzo(a)anthracene			0.0642	mg/L	1	0.0800	<0.000138	80	48 - 113
Chrysene		1	0.0598	mg/L	1	0.0800	<0.000155	75	35.2 - 175
Benzo(b)fluoranthene			0.0495	mg/L	1	0.0800	<0.000179	62	16.6 - 106
Benzo(k)fluoranthene		1	0.0456	mg/L	1	0.0800	<0.000185	57	36.8 - 99.4
Benzo(a)pyrene		1	0.0458	mg/L	1	0.0800	<0.000169	57	32.3 - 99.7
Indeno(1,2,3-cd)pyrene		1	0.0512	mg/L	1	0.0800	<0.000139	64	34.1 - 106
Dibenzo(a,h)anthracene		1	0.0551	mg/L	1	0.0800	<0.000107	69	47.1 - 103
Benzo(g,h,i)perylene			0.0506	mg/L	1	0.0800	<0.000143	63	21.9 - 112

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	0.0352	mg/L	1	0.0800	<0.0000904	44	10 - 89.9	11	20
2-Methylnaphthalene		1	0.0400	mg/L	1	0.0800	<0.000184	50	13.8 - 98.4	13	20
1-Methylnaphthalene			0.0465	mg/L	1	0.0800	<0.000120	58	13.1 - 103	13	20
Acenaphthylene		1	0.0467	mg/L	1	0.0800	<0.000101	58	20 - 104	13	20
Acenaphthene		1	0.0455	mg/L	1	0.0800	<0.000122	57	21.6 - 94.6	12	20
Dibenzofuran		1	0.0551	mg/L	1	0.0800	<0.000119	69	22.9 - 74.9	14	20
Fluorene		1	0.0595	mg/L	1	0.0800	<0.000198	74	30.8 - 109	14	20
Anthracene		1	0.0668	mg/L	1	0.0800	<0.000190	84	37.6 - 96.4	12	20
Phenanthrene			0.0642	mg/L	1	0.0800	<0.000190	80	42.4 - 99.8	12	20
Fluoranthene			0.0619	mg/L	1	0.0800	<0.000122	77	48 - 118	10	20
Pyrene		1	0.0826	mg/L	1	0.0800	<0.000142	103	45.3 - 109	12	20

continued . . .

control spikes continued ...

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzo(a)anthracene			0.0714	mg/L	1	0.0800	<0.000138	89	48 - 113	11	20
Chrysene		1	0.0670	mg/L	1	0.0800	<0.000155	84	35.2 - 175	11	20
Benzo(b)fluoranthene			0.0477	mg/L	1	0.0800	<0.000179	60	16.6 - 106	4	20
Benzo(k)fluoranthene		1	0.0510	mg/L	1	0.0800	<0.000185	64	36.8 - 99.4	11	20
Benzo(a)pyrene		1	0.0516	mg/L	1	0.0800	<0.000169	64	32.3 - 99.7	12	20
Indeno(1,2,3-cd)pyrene		1	0.0580	mg/L	1	0.0800	<0.000139	72	34.1 - 106	12	20
Dibenzo(a,h)anthracene		1	0.0632	mg/L	1	0.0800	<0.000107	79	47.1 - 103	14	20
Benzo(g,h,i)perylene			0.0581	mg/L	1	0.0800	<0.000143	73	21.9 - 112	14	20

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

Surrogate	LCS Result	LCS Result	Units	Dil.	Spike Amount	LCS Rec.	LCS Rec.	Rec. Limit
Nitrobenzene-d5	0.0437	0.0490	mg/L	1	0.0800	55	61	10 - 117
2-Fluorobiphenyl	0.0381	0.0436	mg/L	1	0.0800	48	54	10 - 99
Terphenyl-d14	0.0791	0.0874	mg/L	1	0.0800	99	109	22.6 - 115

Calibration Standards

Standard (CCV-3)

QC Batch: 87535

Date Analyzed: 2012-01-02

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	53.0	88	80 - 120	2012-01-02
2-Methylnaphthalene		1	mg/L	60.0	50.0	83	80 - 120	2012-01-02
1-Methylnaphthalene			mg/L	60.0	59.2	99	80 - 120	2012-01-02
Acenaphthylene		1	mg/L	60.0	52.7	88	80 - 120	2012-01-02
Acenaphthene		1	mg/L	60.0	53.6	89	80 - 120	2012-01-02
Dibenzofuran		1	mg/L	60.0	52.7	88	80 - 120	2012-01-02
Fluorene		1	mg/L	60.0	55.4	92	80 - 120	2012-01-02
Anthracene		1	mg/L	60.0	59.8	100	80 - 120	2012-01-02
Phenanthrene			mg/L	60.0	58.7	98	80 - 120	2012-01-02
Fluoranthene			mg/L	60.0	57.8	96	80 - 120	2012-01-02
Pyrene		1	mg/L	60.0	64.6	108	80 - 120	2012-01-02
Benzo(a)anthracene			mg/L	60.0	58.6	98	80 - 120	2012-01-02
Chrysene		1	mg/L	60.0	51.7	86	80 - 120	2012-01-02
Benzo(b)fluoranthene			mg/L	60.0	56.1	94	80 - 120	2012-01-02
Benzo(k)fluoranthene		1	mg/L	60.0	52.2	87	80 - 120	2012-01-02
Benzo(a)pyrene		1	mg/L	60.0	50.4	84	80 - 120	2012-01-02
Indeno(1,2,3-cd)pyrene		1	mg/L	60.0	53.0	88	80 - 120	2012-01-02
Dibenzo(a,h)anthracene		1	mg/L	60.0	55.4	92	80 - 120	2012-01-02
Benzo(g,h,i)perylene			mg/L	60.0	51.8	86	80 - 120	2012-01-02

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limit
Nitrobenzene-d5			60.0	mg/L	1	60.0	100	-
2-Fluorobiphenyl			51.5	mg/L	1	60.0	86	-
Terphenyl-d14			64.8	mg/L	1	60.0	108	-

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	T104704219-11-5	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.
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.

LAB Order ID # 1121924

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

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 #:	
Address:	(Street, City, Zip)	Fax #:	
Contact Person:	Don Rousaville	E-mail:	
Invoice to:			
(If different from above)			
Project #:	TNM 97-04	Project Name:	97-04 (TOWNSHIP)
Project Location (including state):		Sampler Signature:	

ANALYSIS REQUEST

(Circle or Specify Method No.)

[illegible]

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST	LAB USE ONLY	REMARKS:
<i>[Signature]</i>	Flakhar	12/16/11	842	<i>[Signature]</i>	TA	12/16/11	842	OBS 113.0 COR	☐ Inact ☒ Y ☐ N Headspace Y / N / NA <i>[initials]</i>	<i>Laluch</i> <i>Sat delivery</i>
<i>[Signature]</i>	TA	12/16/11	10:05	<i>[Signature]</i>				OBS COR		
<i>[Signature]</i>	Company:	Date:	Time:	<i>[Signature]</i>	Company:	Date:	Time:	INST		
								OBS 3.3 COR 3.4		
<i>[Signature]</i>	Company:	Date:	Time:	<i>[Signature]</i>	Company:	Date:	Time:	INST		
								OBS COR		

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

COPIES

Historical Data Tables

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 1	03/02/00	3974.18	-	53.01	0	3921.17
MW - 1	04/25/00	3974.18	-	53.02	0	3921.16
MW - 1	09/06/00	3974.18	-	53.07	0	3921.11
MW - 1	11/28/00	3974.18	-	53.08	0	3921.10
MW - 1	02/21/01	3974.18	-	52.98	0	3921.20
MW - 1	05/31/01	3974.18	-	52.94	0	3921.24
MW - 1	08/23/01	3974.18	-	52.95	0	3921.23
MW - 1	11/21/01	3974.18	-	52.99	0	3921.19
MW - 1	02/13/02	3974.18	-	53.04	0	3921.14
MW - 1	06/12/02	3974.18	-	52.99	0	3921.19
MW - 1	08/26/02	3974.18	-	53.02	0	3921.16
MW - 1	11/21/02	3974.18	-	53.07	0	3921.11
MW - 1	02/05/03	3974.18	-	53	0	3921.18
MW - 1	05/07/03	3974.18	-	52.96	0	3921.22
MW - 1	08/18/03	3974.18	-	53.01	0	3921.17
MW - 1	12/01/03	3974.18	-	53.07	0	3921.11
MW - 1	02/05/04	3974.18	-	53.07	0	3921.11
MW - 1	05/05/04	3974.18	-	53.5	0	3920.68
MW - 1	09/01/04	3974.18	-	53.11	0	3921.07
MW - 1	12/15/04	3974.18	-	53.09	0	3921.09
MW - 1	03/22/05	3974.18	-	52.8	0	3921.38
MW - 1	06/22/05	3974.18	-	52.75	0	3921.43
MW - 1	09/14/05	PLUGGED & ABANDONED				
MW - 2	03/02/00	3974.62	52.49	55.38	2.89	3921.70
MW - 2	04/25/00	3974.62	52.59	55.42	2.83	3921.61
MW - 2	09/05/00	3974.62	52.58	55.71	3.13	3921.57
MW - 2	12/01/00	3974.62	52.75	55.23	2.48	3921.50
MW - 2	02/21/01	3974.62	52.52	55.75	3.23	3921.62
MW - 2	05/31/01	3974.62	52.77	54.75	1.98	3921.55
MW - 2	08/23/01	3974.62	52.4	55.83	3.43	3921.71
MW - 2	11/21/01	3974.62	53.02	54.21	1.19	3921.42
MW - 2	02/13/02	3974.62	52.48	56.14	3.66	3921.59
MW - 2	06/12/02	3974.62	52.44	56.11	3.67	3921.63
MW - 2	08/26/02	3974.62	-	-	-	#VALUE!
MW - 2	11/08/02	3974.62	52.59	55.99	3.4	3921.52
MW - 2	11/21/02	3974.62	53.13	53.54	0.41	3921.43
MW - 2	12/27/02	3974.62	52.64	55.65	3.01	3921.53
MW - 2	01/06/03	3974.62	52.8	54.81	2.01	3921.52
MW - 2	01/08/03	3974.62	52.95	54.14	1.19	3921.49
MW - 2	01/10/03	3974.62	53.15	53.32	0.17	3921.44
MW - 2	01/13/03	3974.62	53.14	53.32	0.18	3921.45
MW - 2	02/05/03	3974.62	52.7	55.28	2.58	3921.53

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	02/26/03	3974.62	52.57	55.74	3.17	3921.57
MW - 2	03/04/03	3974.62	52.58	55.75	3.17	3921.56
MW - 2	03/12/03	3974.62	52.6	55.79	3.19	3921.54
MW - 2	03/18/03	3974.62	52.61	55.71	3.1	3921.55
MW - 2	03/25/03	3974.62	52.6	55.77	3.17	3921.54
MW - 2	03/31/03	3974.62	52.59	55.71	3.12	3921.56
MW - 2	04/09/03	3974.62	52.6	53.13	0.53	3921.94
MW - 2	04/14/03	3974.62	52.64	52.89	0.25	3921.94
MW - 2	05/07/03	3974.62	52.52	55.73	3.21	3921.62
MW - 2	05/08/03	3974.62	52.6	55.81	3.21	3921.54
MW - 2	05/13/03	3974.62	52.61	55.79	3.18	3921.53
MW - 2	05/21/03	3974.62	52.62	55.83	3.21	3921.52
MW - 2	05/27/03	3974.62	52.57	55.71	3.14	3921.58
MW - 2	05/28/03	3974.62	52.63	55.83	3.2	3921.51
MW - 2	06/03/03	3974.62	52.76	55.81	3.05	3921.40
MW - 2	06/09/03	3974.62	52.62	55.79	3.17	3921.52
MW - 2	07/01/03	3974.62	52.8	53.81	1.01	3921.67
MW - 2	07/08/03	3974.62	52.69	55.92	3.23	3921.45
MW - 2	07/29/03	3974.62	52.57	55.72	3.15	3921.58
MW - 2	08/04/03	3974.62	52.76	55.91	3.15	3921.39
MW - 2	08/18/03	3974.62	52.85	54.18	1.33	3921.57
MW - 2	08/25/03	3974.62	52.86	56.04	3.18	3921.28
MW - 2	10/01/03	3974.62	52.76	52.99	0.23	3921.83
MW - 2	10/06/03	3974.62	52.63	55.69	3.06	3921.53
MW - 2	10/08/03	3974.62	52.95	56.07	3.12	3921.20
MW - 2	10/15/03	3974.62	52.93	56.08	3.15	3921.22
MW - 2	11/12/03	3974.62	53.04	54.18	1.14	3921.41
MW - 2	11/19/03	3974.62	53.03	56.18	3.15	3921.12
MW - 2	12/01/03	3974.62	53.08	56.21	3.13	3921.07
MW - 2	12/10/03	3974.62	52.74	55.82	3.08	3921.42
MW - 2	02/05/04	3974.62	53.09	56.18	3.09	3921.07
MW - 2	02/17/04	3974.62	52.78	53.51	0.73	3921.73
MW - 2	02/25/04	3974.62	53.06	56.03	2.97	3921.11
MW - 2	03/09/04	3974.62	52.83	55.87	3.04	3921.33
MW - 2	03/16/04	3974.62	52.85	55.8	2.95	3921.33
MW - 2	03/22/04	3974.62	53.32	54	0.68	3921.20
MW - 2	04/07/04	3974.62	52.88	53.14	0.26	3921.70
MW - 2	04/12/04	3974.62	53.21	56.03	2.82	3920.99
MW - 2	04/19/04	3974.62	52.88	53.98	1.1	3921.58
MW - 2	05/05/04	3974.62	52.88	55.83	2.95	3921.30
MW - 2	05/11/04	3974.62	52.98	55.95	2.97	3921.19
MW - 2	06/07/04	3974.62	52.63	55.49	2.86	3921.56
MW - 2	06/15/04	3974.62	-	52.57	0	3922.05

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	06/20/04	3974.62	52.57	WELL OBSTRUCTED		
MW - 2	06/21/04	3974.62	52.58	WELL OBSTRUCTED		
MW - 2	06/28/04	3974.62	52.58	WELL OBSTRUCTED		
MW - 2	07/08/04	3974.62	52.58	WELL OBSTRUCTED		
MW - 2	07/12/04	3974.62	52.59	WELL OBSTRUCTED		
MW - 2	08/12/04	3974.62	52.59	WELL OBSTRUCTED		
MW - 2	08/17/04	3974.62	52.63	WELL OBSTRUCTED		
MW - 2	08/26/04	3974.62	52.62	WELL OBSTRUCTED		
MW - 2	09/01/04	3974.62	53.86	54.75	0.89	3920.63
MW - 2	09/03/04	3974.62	53.86	54.75	0.89	3920.63
MW - 2	09/08/04	3974.62	53.92	54.75	0.83	3920.58
MW - 2	09/14/04	3974.62	52.9	54.75	1.85	3921.44
MW - 2	09/22/04	3974.62	53.01	54.75	1.74	3921.35
MW - 2	10/01/04	3974.62	52.88	54.9	2.02	3921.44
MW - 2	10/08/04	3974.62	52.94	55.1	2.16	3921.36
MW - 2	10/15/04	3974.62	53.1	55.1	2	3921.22
MW - 2	10/22/04	3974.62	52.73	55.15	2.42	3921.53
MW - 2	11/12/04	3974.62	52.68	55.65	2.97	3921.49
MW - 2	11/26/04	3974.62	52.7	54.6	1.9	3921.64
MW - 2	12/02/04	3974.62	52.72	55.5	2.78	3921.48
MW - 2	12/06/04	3974.62	52.99	55.31	2.32	3921.28
MW - 2	12/13/04	3974.62	52.8	54.7	1.9	3921.54
MW - 2	12/15/04	3974.62	52.8	54.7	1.9	3921.54
MW - 2	12/27/04	3974.62	52.8	55.2	2.4	3921.46
MW - 2	01/10/05	3974.62	52.57	55.4	2.83	3921.63
MW - 2	01/18/05	3974.62	52.63	55.17	2.54	3921.61
MW - 2	01/18/05	3974.62	52.78	54.33	1.55	3921.61
MW - 2	01/25/05	3974.62	52.51	55.35	2.84	3921.68
MW - 2	01/27/05	3974.62	52.55	55.22	2.67	3921.67
MW - 2	02/01/05	3974.62	52.52	55.55	3.03	3921.65
MW - 2	02/07/05	3974.62	52.5	55.34	2.84	3921.69
MW - 2	02/11/05	3974.62	52.5	55.23	2.73	3921.71
MW - 2	02/15/05	3974.62	52.49	55.25	2.76	3921.72
MW - 2	02/22/05	3974.62	52.46	55.44	2.98	3921.71
MW - 2	02/24/05	3974.62	52.43	55.5	3.07	3921.73
MW - 2	03/03/05	3974.62	52.43	55.41	2.98	3921.74
MW - 2	03/09/05	3974.62	52.43	55.35	2.92	3921.75
MW - 2	03/22/05	3974.62	53.03	53.13	0.1	3921.58
MW - 2	03/24/05	3974.62	53.03	53.13	0.1	3921.58
MW - 2	03/31/05	3974.62	53.05	53.12	0.07	3921.56
MW - 2	06/22/05	3974.62	52.86	53.38	0.52	3921.68
MW - 2	07/21/05	3974.62	52.73	53.24	0.51	3921.81
MW - 2	08/03/05	3974.62	52.45	54.54	2.09	3921.86

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	08/12/05	3974.62	52.42	54.58	2.16	3921.88
MW - 2	08/15/05	3974.62	52.48	54.4	1.92	3921.85
MW - 2	08/22/05	3974.62	52.41	54.5	2.09	3921.90
MW - 2	08/30/05	3974.62	52.4	54.64	2.24	3921.88
MW - 2	09/07/05	3974.62	52.38	54.62	2.24	3921.90
MW - 2	09/14/05	3974.62	52.32	54.63	2.31	3921.95
MW - 2	09/20/05	3974.62	52.39	54.48	2.09	3921.92
MW - 2	09/21/05	3974.62	52.36	54.61	2.25	3921.92
MW - 2	09/28/05	3974.62	52.38	54.6	2.22	3921.91
MW - 2	10/06/05	3974.62	52.32	54.85	2.53	3921.92
MW - 2	10/13/05	3974.62	52.32	54.85	2.53	3921.92
MW - 2	10/20/05	3974.62	52.32	54.84	2.52	3921.92
MW - 2	10/26/05	3974.62	52.33	54.83	2.5	3921.92
MW - 2	11/03/05	3974.62	52.28	54.8	2.52	3921.96
MW - 2	11/10/05	3974.62	52.29	54.79	2.5	3921.96
MW - 2	11/16/05	3974.62	52.31	54.79	2.48	3921.94
MW - 2	11/23/05	3974.62	52.33	54.75	2.42	3921.93
MW - 2	11/28/05	3974.62	52.27	54.83	2.56	3921.97
MW - 2	12/05/05	3974.62	52.3	54.72	2.42	3921.96
MW - 2	12/12/05	3974.62	52.29	54.7	2.41	3921.97
MW - 2	12/16/05	3974.62	53.01	53.84	0.83	3921.49
MW - 2	12/19/05	3974.62	52.35	54.76	2.41	3921.91
MW - 2	12/29/05	3974.62	52.26	54.82	2.56	3921.98
MW - 2	01/04/06	3974.62	52.3	54.8	2.5	3921.95
MW - 2	01/10/06	3974.62	52.29	54.8	2.51	3921.95
MW - 2	01/17/06	3974.62	52.29	54.78	2.49	3921.96
MW - 2	01/26/06	3974.62	52.26	54.78	2.52	3921.98
MW - 2	01/31/06	3974.62	52.28	54.74	2.46	3921.97
MW - 2	02/07/06	3974.62	52.27	54.73	2.46	3921.98
MW - 2	02/09/06	3974.62	52.34	54.57	2.23	3921.95
MW - 2	02/13/06	3974.62	52.28	54.6	2.32	3921.99
MW - 2	02/22/06	3974.62	52.27	54.73	2.46	3921.98
MW - 2	02/28/06	3974.62	52.29	54.7	2.41	3921.97
MW - 2	03/07/06	3974.62	52.27	54.68	2.41	3921.99
MW - 2	03/15/06	3974.62	52.24	54.7	2.46	3922.01
MW - 2	03/20/06	3974.62	52.22	54.64	2.42	3922.04
MW - 2	03/22/06	3974.62	52.6	53.4	0.8	3921.90
MW - 2	03/29/06	3974.62	52.24	54.57	2.33	3922.03
MW - 2	04/11/06	3974.62	52.21	54.59	2.38	3922.05
MW - 2	04/18/06	3974.62	52.22	54.6	2.38	3922.04
MW - 2	04/25/06	3974.62	52.29	54.63	2.34	3921.98
MW - 2	05/02/06	3974.62	52.22	53.98	1.76	3922.14
MW - 2	05/09/06	3974.62	52.21	54.43	2.22	3922.08

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	05/16/06	3974.62	52.22	54.61	2.39	3922.04
MW - 2	05/23/06	3974.62	52.23	54.59	2.36	3922.04
MW - 2	05/31/06	3974.62	52.21	54.58	2.37	3922.05
MW - 2	06/06/06	3974.62	52.22	54.54	2.32	3922.05
MW - 2	06/13/06	3974.62	52.22	54.54	2.32	3922.05
MW - 2	06/20/06	3974.62	52.21	54.51	2.3	3922.07
MW - 2	06/21/06	3974.62	52.36	53.85	1.49	3922.04
MW - 2	07/06/06	3974.62	52.2	54.53	2.33	3922.07
MW - 2	07/12/06	3974.62	52.25	54.31	2.06	3922.06
MW - 2	07/20/06	3974.62	52.29	53.18	0.89	3922.20
MW - 2	07/25/06	3974.62	52.25	54.28	2.03	3922.07
MW - 2	08/01/06	3974.62	52.26	54.31	2.05	3922.05
MW - 2	08/16/06	3974.62	52.26	54.32	2.06	3922.05
MW - 2	08/23/06	3974.62	52.27	53.26	0.99	3922.20
MW - 2	08/28/06	3974.62	52.28	54.24	1.96	3922.05
MW - 2	09/12/06	3974.62	52.25	54.27	2.02	3922.07
MW - 2	09/22/06	3974.62	52.27	54.27	2	3922.05
MW - 2	09/27/06	3974.62	52.27	54.2	1.93	3922.06
MW - 2	10/06/06	3974.62	52.25	54.29	2.04	3922.06
MW - 2	10/10/06	3974.62	52.69	54.19	1.5	3921.71
MW - 2	10/16/06	3974.62	52.28	54.25	1.97	3922.04
MW - 2	10/26/06	3974.62	52.27	54.25	1.98	3922.05
MW - 2	11/03/06	3974.62	52.27	54.24	1.97	3922.05
MW - 2	11/09/06	3974.62	52.28	54.14	1.86	3922.06
MW - 2	11/16/06	3974.62	52.26	54.18	1.92	3922.07
MW - 2	11/22/06	3974.62	52.25	54.18	1.93	3922.08
MW - 2	12/04/06	3974.62	52.25	54.15	1.9	3922.09
MW - 2	12/08/06	3974.62	52.25	54.19	1.94	3922.08
MW - 2	12/15/06	3974.62	52.16	54.37	2.21	3922.13
MW - 2	01/05/07	3974.62	52.2	54.43	2.23	3922.09
MW - 2	01/12/07	3974.62	52.19	54.37	2.18	3922.10
MW - 2	01/18/07	3974.62	52.17	54.37	2.2	3922.12
MW - 2	01/24/07	3974.62	52.2	54.35	2.15	3922.10
MW - 2	01/29/07	3974.62	52.17	54.28	2.11	3922.13
MW - 2	02/09/07	3974.62	52.17	54.31	2.14	3922.13
MW - 2	02/16/07	3974.62	52.18	54.34	2.16	3922.12
MW - 2	02/23/07	3974.62	52.15	54.25	2.1	3922.16
MW - 2	03/02/07	3974.62	52.16	54.3	2.14	3922.14
MW - 2	03/14/07	3974.62	52.2	53.88	1.68	3922.17
MW - 2	03/26/07	3974.62	52.19	54.13	1.94	3922.14
MW - 2	04/03/07	3974.62	52.15	54.22	2.07	3922.16
MW - 2	04/09/07	3974.62	52.14	54.2	2.06	3922.17
MW - 2	04/26/07	3974.62	52.15	54.21	2.06	3922.16

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	04/30/07	3974.62	52.16	54.13	1.97	3922.16
MW - 2	05/11/07	3974.62	52.15	54.16	2.01	3922.17
MW - 2	05/16/07	3974.62	52.16	54.13	1.97	3922.16
MW - 2	05/22/07	3974.62	52.15	54.12	1.97	3922.17
MW - 2	05/29/07	3974.62	52.13	54.12	1.99	3922.19
MW - 2	06/01/07	3974.62	52.12	54.14	2.02	3922.20
MW - 2	06/08/07	3974.62	52.14	54.12	1.98	3922.18
MW - 2	06/11/07	3974.62	52.16	54	1.84	3922.18
MW - 2	06/20/07	3974.62	52.15	54.1	1.95	3922.18
MW - 2	07/10/07	3974.62	52.13	54.08	1.95	3922.20
MW - 2	07/20/07	3974.62	52.14	54.06	1.92	3922.19
MW - 2	07/25/07	3974.62	52.14	54.02	1.88	3922.20
MW - 2	08/01/07	3974.62	52.11	54.01	1.9	3922.23
MW - 2	08/10/07	3974.62	52.15	54.02	1.87	3922.19
MW - 2	08/15/07	3974.62	52.14	54	1.86	3922.20
MW - 2	08/30/07	3974.62	52.15	54	1.85	3922.19
MW - 2	08/31/07	3974.62	52.15	54	1.85	3922.19
MW - 2	09/10/07	3974.62	52.14	53.98	1.84	3922.20
MW - 2	09/19/07	3974.62	52.12	53.98	1.86	3922.22
MW - 2	09/27/07	3974.62	52.11	53.94	1.83	3922.24
MW - 2	10/01/07	3974.62	52.14	53.88	1.74	3922.22
MW - 2	10/19/07	3974.62	52.1	53.96	1.86	3922.24
MW - 2	10/26/07	3974.62	52.1	53.91	1.81	3922.25
MW - 2	11/12/07	3974.62	52.12	53.89	1.77	3922.23
MW - 2	11/16/07	3974.62	52.1	53.88	1.78	3922.25
MW - 2	11/29/07	3974.62	52.1	53.89	1.79	3922.25
MW - 2	12/13/07	3974.62	52.1	53.86	1.76	3922.26
MW - 2	01/10/08	3974.62	52.08	53.79	1.71	3922.28
MW - 2	01/17/08	3974.62	52.1	53.79	1.69	3922.27
MW - 2	01/22/08	3974.62	52.08	53.74	1.66	3922.29
MW - 2	2/6/08 #1	3974.62	52.1	53.71	1.61	3922.28
MW - 2	02/06/08 #2	3974.62	52.32	52.79	0.47	3922.23
MW - 2	2/12/08#1	3974.62	52.11	53.72	1.61	3922.27
MW - 2	2/12/08#2	3974.62	52.34	52.68	0.34	3922.23
MW - 2	2/20/08 #1	3974.62	52.11	53.7	1.59	3922.27
MW - 2	2/20/08 #2	3974.62	52.3	52.78	0.48	3922.25
MW - 2	2/27/08 #1	3974.62	52.11	53.67	1.56	3922.28
MW - 2	2/27/08 #2	3974.62	52.28	52.87	0.59	3922.25
MW - 2	03/07/08	3974.62	52.1	53.66	1.56	3922.29
MW - 2	3/12/2008 #1	3974.62	52.1	53.66	1.56	3922.29
MW - 2	3/12/2008 #2	3974.62	52.29	52.3	0.01	3922.33
MW - 2	3/20/08 #1	3974.62	52.1	53.65	1.55	3922.29
MW - 2	3/20/08#2	3974.62	52.29	52.76	0.47	3922.26

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	3/23/08 #1	3974.62	52.09	53.64	1.55	3922.30
MW - 2	3/23/08 #2	3974.62	52.3	52.31	0.01	3922.32
MW - 2	4/2/08 #1	3974.62	52.09	53.6	1.51	3922.30
MW - 2	4/2/08 #2	3974.62	52.23	52.89	0.66	3922.29
MW - 2	4/9/08 #1	3974.62	52.09	53.59	1.5	3922.31
MW - 2	4/9/08 #2	3974.62	52.23	52.92	0.69	3922.29
MW - 2	04/16/08	3974.62	52.06	53.57	1.51	3922.33
MW - 2	04/23/08	3974.62	52.08	53.57	1.49	3922.32
MW - 2	04/30/08	3974.62	52.08	53.55	1.47	3922.32
MW - 2	05/29/08	3974.62	52.07	53.5	1.43	3922.34
MW - 2	06/02/08	3974.62	52.07	53.45	1.38	3922.34
MW - 2	06/03/08	3974.62	52.07	53.45	1.38	3922.34
MW - 2	06/11/08	3974.62	52.07	53.52	1.45	3922.33
MW - 2	06/18/08	3974.62	52.07	53.52	1.45	3922.33
MW - 2	06/23/08	3974.62	52.08	53.48	1.4	3922.33
MW - 2	07/01/08	3974.62	52.09	53.51	1.42	3922.32
MW - 2	07/09/08	3974.62	52.09	53.51	1.42	3922.32
MW - 2	07/15/08	3974.62	52.08	53.45	1.37	3922.33
MW - 2	07/22/08	3974.62	52.08	53.48	1.4	3922.33
MW - 2	08/02/08	3974.62	52.08	53.38	1.3	3922.35
MW - 2	08/13/08	3974.62	52.08	53.46	1.38	3922.33
MW - 2	09/03/08	3974.62	52.04	53.44	1.4	3922.37
MW - 2	09/11/08	3974.62	52.07	53.45	1.38	3922.34
MW - 2	09/19/08	3974.62	52.05	53.41	1.36	3922.37
MW - 2	09/26/08	3974.62	52.06	53.41	1.35	3922.36
MW - 2	10/10/08	3974.62	52.06	53.41	1.35	3922.36
MW - 2	10/17/08	3974.62	52.08	53.37	1.29	3922.35
MW - 2	10/21/08	3974.62	52.17	53.35	1.18	3922.27
MW - 2	10/30/08	3974.62	52.05	53.36	1.31	3922.37
MW - 2	11/04/08	3974.62	52.08	53.36	1.28	3922.35
MW - 2	11/18/08	3974.62	52.08	53.36	1.28	3922.35
MW - 2	11/25/08	3974.62	52.08	53.35	1.27	3922.35
MW - 2	11/25/08	3974.62	52.71	52.72	0.01	3921.91
MW - 2	12/10/08	3974.62	52.09	53.44	1.35	3922.33
MW - 2	12/18/08	3974.62	52.05	53.34	1.29	3922.38
MW - 2	01/06/09	3974.62	52.05	53.39	1.34	3922.37
MW - 2	01/14/09	3974.62	52.19	53.35	1.16	3922.26
MW - 2	01/21/09	3974.62	52.25	53.11	0.86	3922.24
MW - 2	01/22/09	3974.62	52.03	53.33	1.3	3922.40
MW - 2	01/30/09	3974.62	52.05	53.3	1.25	3922.38
MW - 2	02/03/09	3974.62	52.06	53.27	1.21	3922.38
MW - 2	02/12/09	3974.62	52.06	53.28	1.22	3922.38
MW - 2	02/19/09	3974.62	52.05	53.26	1.21	3922.39

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	03/04/09	3974.62	52.1	53.23	1.13	3922.35
MW - 2	03/06/09	3974.62	52.05	53.26	1.21	3922.39
MW - 2	03/11/09	3974.62	52.08	53.24	1.16	3922.37
MW - 2	03/16/09	3974.62	52.13	53.25	1.12	3922.32
MW - 2	03/19/09	3974.62	52.06	53.25	1.19	3922.38
MW - 2	03/24/09	3974.62	52.03	53.19	1.16	3922.42
MW - 2	04/03/09	3974.62	52.05	53.11	1.06	3922.41
MW - 2	04/15/09	3974.62	52.06	53.12	1.06	3922.40
MW - 2	04/17/09	3974.62	52.09	52.94	0.85	3922.40
MW - 2	04/22/09	3974.62	52.07	53.1	1.03	3922.40
MW - 2	04/29/09	3974.62	52.03	53.15	1.12	3922.42
MW - 2	05/20/09	3974.62	52.05	53.11	1.06	3922.41
MW - 2	05/20/09	3974.62	52.05	53.11	1.06	3922.41
MW - 2	06/09/09	3974.62	52.05	53.11	1.06	3922.41
MW - 2	06/17/09	3974.62	52.06	53.14	1.08	3922.40
MW - 2	06/23/09	3974.62	52.07	53.08	1.01	3922.40
MW - 2	07/01/09	3974.62	52.05	53.1	1.05	3922.41
MW - 2	07/08/09	3974.62	52.05	53.07	1.02	3922.42
MW - 2	07/15/09	3974.62	52.06	53.06	1	3922.41
MW - 2	07/17/09	3974.62	52.1	53	0.9	3922.39
MW - 2	07/23/09	3974.62	52.06	53.09	1.03	3922.41
MW - 2	07/24/09	3974.62	52.09	52.89	0.8	3922.41
MW - 2	07/30/09	3974.62	52.06	53.05	0.99	3922.41
MW - 2	08/04/09	3974.62	52.06	53.02	0.96	3922.42
MW - 2	08/12/09	3974.62	52.08	53.06	0.98	3922.39
MW - 2	08/20/09	3974.62	52.06	53.08	1.02	3922.41
MW - 2	08/26/09	3974.62	52.55	53.08	0.53	3921.99
MW - 2	09/02/09	3974.62	52.05	53.07	1.02	3922.42
MW - 2	09/09/09	3974.62	52.06	53.06	1	3922.41
MW - 2	09/14/09	3974.62	52.05	53.08	1.03	3922.42
MW - 2	09/21/09	3974.62	52.06	52.08	0.02	3922.56
MW - 2	10/01/09	3974.62	52.08	53.08	1	3922.39
MW - 2	10/08/09	3974.62	52.08	53.09	1.01	3922.39
MW - 2	10/14/09	3974.62	52.08	53.06	0.98	3922.39
MW - 2	10/21/09	3974.62	52.04	53.07	1.03	3922.43
MW - 2	10/28/09	3974.62	52.03	53.08	1.05	3922.43
MW - 2	11/04/09	3974.62	52.05	53	0.95	3922.43
MW - 2	11/11/09	3974.62	52.052	52.98	0.928	3922.43
MW - 2	11/18/09	3974.62	52.05	53.02	0.97	3922.42
MW - 2	11/25/09	3974.62	52.05	53.01	0.96	3922.43
MW - 2	12/02/09	3974.62	52.06	53.05	0.99	3922.41
MW - 2	12/10/09	3974.62	52.06	53.03	0.97	3922.41
MW - 2	12/17/09	3974.62	52.09	53.04	0.95	3922.39

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	12/21/09	3974.62	52.03	52.83	0.8	3922.47
MW - 2	12/30/09	3974.62	52.09	52.96	0.87	3922.40
MW - 2	01/07/10	3974.62	52.09	52.85	0.76	3922.42
MW - 2	01/18/10	3974.62	52.04	52.92	0.88	3922.45
MW - 2	02/02/10	3974.62	52.05	52.89	0.84	3922.44
MW - 2	02/11/10	3974.62	52.05	52.9	0.85	3922.44
MW - 2	02/18/10	3974.62	52.04	52.9	0.86	3922.45
MW - 2	02/25/10	3974.62	52.08	52.95	0.87	3922.41
MW - 2	03/02/10	3974.62	52.11	52.92	0.81	3922.39
MW - 2	03/04/10	3974.62	52.09	52.83	0.74	3922.42
MW - 2	03/10/10	3974.62	52.08	52.93	0.85	3922.41
MW - 2	03/12/10	3974.62	52.15	52.86	0.71	3922.36
MW - 2	03/15/10	3974.62	52.09	52.74	0.65	3922.43
MW - 2	03/18/10	3974.62	52.1	52.69	0.59	3922.43
MW - 2	03/22/10	3974.62	52.18	52.74	0.56	3922.36
MW - 2	03/24/10	3974.62	52.17	52.68	0.51	3922.37
MW - 2	03/30/10	3974.62	52.15	52.65	0.5	3922.40
MW - 2	04/07/10	3974.62	52.18	52.63	0.45	3922.37
MW - 2	04/12/10	3974.62	52.03	52.81	0.78	3922.47
MW - 2	04/16/10	3974.62	52.69	54.59	1.9	3921.65
MW - 2	04/20/10	3974.62	52.55	54.31	1.76	3921.81
MW - 2	04/27/10	3974.62	52.54	54.4	1.86	3921.80
MW - 2	04/30/10	3974.62	52.58	54.08	1.5	3921.82
MW - 2	05/12/10	3974.62	52.52	54.2	1.68	3921.85
MW - 2	05/14/10	3974.62	52.54	54.39	1.85	3921.80
MW - 2	05/17/10	3974.62	52.55	54.19	1.64	3921.82
MW - 2	05/20/10	3974.62	52.5	54.19	1.69	3921.87
MW - 2	05/25/10	3974.62	52.38	53.9	1.52	3922.01
MW - 2	06/01/10	3974.62	52.39	53.89	1.5	3922.01
MW - 2	06/09/10	3974.62	52.37	53.86	1.49	3922.03
MW - 2	06/16/10	3974.62	52.43	53.11	0.68	3922.09
MW - 2	06/28/10	3974.62	52.36	53.47	1.11	3922.09
MW - 2	07/09/10	3974.62	52.44	53.12	0.68	3922.08
MW - 2	07/14/10	3974.62	52.06	52.58	0.52	3922.48
MW - 2	07/23/10	3974.62	52.09	52.6	0.51	3922.45
MW - 2	07/29/10	3974.62	52.07	52.6	0.53	3922.47
MW - 2	08/05/10	3974.62	52.08	52.6	0.52	3922.46
MW - 2	08/12/10	3974.62	52.07	52.6	0.53	3922.47
MW - 2	08/16/10	3974.62	52.07	52.6	0.53	3922.47
MW - 2	08/18/10	3974.62	52.07	52.62	0.55	3922.47
MW - 2	08/26/10	3974.62	52.34	53.05	0.71	3922.17
MW - 2	09/02/10	3974.62	52.41	53.4	0.99	3922.06
MW - 2	09/09/10	3974.62	52.09	52.59	0.5	3922.46

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	09/30/10	3974.62	52.09	52.61	0.52	3922.45
MW - 2	10/07/10	3974.62	52.09	52.72	0.63	3922.44
MW - 2	10/14/10	3974.62	52.48	53.43	0.95	3922.00
MW - 2	10/21/10	3974.62	52.51	53.42	0.91	3921.97
MW - 2	11/04/10	3974.62	52.08	52.71	0.63	3922.45
MW - 2	11/10/10	3974.62	52.51	53.42	0.91	3921.97
MW - 2	12/01/10	3974.62	52.02	52.85	0.83	3922.48
MW - 2	12/08/10	3974.62	52.39	53.22	0.83	3922.11
MW - 2	01/26/11	3974.62	52.08	52.62	0.54	3922.46
MW - 2	02/28/11	3974.62	52.48	53.5	1.02	3921.99
MW - 2	03/04/11	3974.62	52.27	52.9	0.63	3922.26
MW - 2	03/09/11	3974.62	52.29	53.43	1.14	3922.16
MW - 2	04/28/11	3974.62	52.53	53.42	0.89	3921.96
MW - 2	05/04/11	3974.62	52.22	53.24	1.02	3922.25
MW - 2	05/11/11	3974.62	52.23	53.36	1.13	3922.22
MW - 2	05/12/11	3974.62	52.15	52.94	0.79	3922.35
MW - 2	05/18/11	3974.62	52.16	53.08	0.92	3922.32
MW - 2	05/23/11	3974.62	52.3	53.49	1.19	3922.14
MW - 2	06/08/11	3974.62	52.45	53.5	1.05	3922.01
MW - 2	06/16/11	3974.62	52.38	53.26	0.88	3922.11
MW - 2	06/22/11	3974.62	52.3	53.11	0.81	3922.20
MW - 2	06/30/11	3974.62	52.22	53.24	1.02	3922.25
MW - 2	07/06/11	3974.62	52.08	53.11	1.03	3922.39
MW - 2	07/13/11	3974.62	52.29	53.2	0.91	3922.19
MW - 2	07/15/11	3974.62	52.26	53.66	1.4	3922.15
MW - 2	07/19/11	3974.62	52.09	52.72	0.63	3922.44
MW - 2	07/21/11	3974.62	52.1	52.98	0.88	3922.39
MW - 2	07/26/11	3974.62	52.24	52.94	0.7	3922.28
MW - 2	07/28/11	3974.62	52.04	53.04	1	3922.43
MW - 2	08/02/11	3974.62	52.48	53.60	1.12	3921.97
MW - 2	08/09/11	3974.62	52.34	53.79	1.45	3922.06
MW - 2	08/12/11	3974.62	52.37	53.40	1.03	3922.10
MW - 2	08/15/11	3974.62	52.37	53.40	1.03	3922.10
MW - 2	08/16/11	3974.62	52.13	52.68	0.55	3922.41
MW - 2	08/19/11	3974.62	52.2	52.79	0.59	3922.33
MW - 2	08/23/11	3974.62	52.15	52.69	0.54	3922.39
MW - 2	08/26/11	3974.62	52.25	53.18	0.93	3922.23
MW - 2	08/30/11	3974.62	52.11	52.55	0.44	3922.44
MW - 2	09/01/11	3974.62	52.13	52.44	0.31	3922.44
MW - 2	09/08/11	3974.62	52.3	53.59	1.29	3922.13
MW - 2	09/13/11	3974.62	52.17	52.31	0.14	3922.43
MW - 2	09/15/11	3974.62	52.27	53.17	0.9	3922.22
MW - 2	09/22/11	3974.62	52.08	52.72	0.64	3922.44

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	10/06/11	3974.62	52.3	52.96	0.66	3922.22
MW - 2	10/13/11	3974.62	52.42	53.77	1.35	3922.00
MW - 2	10/26/11	3974.62	52.27	53.48	1.21	3922.17
MW - 2	11/22/11	3974.62	52.32	53.2	0.88	3922.17
MW - 3	03/02/00	3974.6	52.71	55.03	2.32	3921.54
MW - 3	04/25/00	3974.6	52.61	55.09	2.48	3921.62
MW - 3	09/06/00	3974.6	52.54	55.66	3.12	3921.59
MW - 3	11/28/00	3974.6	52.64	55.57	2.93	3921.52
MW - 3	02/21/01	3974.6	52.94	53.5	0.56	3921.58
MW - 3	05/31/01	3974.6	52.51	55.71	3.2	3921.61
MW - 3	08/23/01	3974.6	52.46	55.8	3.34	3921.64
MW - 3	11/21/01	3974.6	52.46	55.81	3.35	3921.64
MW - 3	02/13/02	3974.6	52.51	55.78	3.27	3921.60
MW - 3	06/12/02	3974.6	52.47	55.17	2.7	3921.73
MW - 3	08/26/02	3974.6	55.74	52.49	-3.25	3919.35
MW - 3	11/08/02	3974.6	53.15	53.21	0.06	3921.44
MW - 3	11/21/02	3974.6	53.15	53.21	0.06	3921.44
MW - 3	12/27/02	3974.6	52.64	55.24	2.6	3921.57
MW - 3	01/06/03	3974.6	52.87	54.47	1.6	3921.49
MW - 3	01/08/03	3974.6	52.77	54.69	1.92	3921.54
MW - 3	01/10/03	3974.6	53.04	53.46	0.42	3921.50
MW - 3	01/13/03	3974.6	53.04	53.41	0.37	3921.50
MW - 3	02/05/03	3974.6	53.04	53.41	0.37	3921.50
MW - 3	02/26/03	3974.6	52.81	54.24	1.43	3921.58
MW - 3	03/04/03	3974.6	52.84	54.25	1.41	3921.55
MW - 3	03/12/03	3974.6	52.65	55.24	2.59	3921.56
MW - 3	03/18/03	3974.6	52.72	55.3	2.58	3921.49
MW - 3	03/25/03	3974.6	52.64	55.3	2.66	3921.56
MW - 3	03/31/03	3974.6	52.95	53.74	0.79	3921.53
MW - 3	04/09/03	3974.6	52.41	52.98	0.57	3922.10
MW - 3	04/14/03	3974.6	52.68	52.91	0.23	3921.89
MW - 3	05/07/03	3974.6	52.56	55.23	2.67	3921.64
MW - 3	05/08/03	3974.6	52.64	55.3	2.66	3921.56
MW - 3	05/13/03	3974.6	52.66	55.36	2.7	3921.54
MW - 3	05/21/03	3974.6	52.65	55.4	2.75	3921.54
MW - 3	05/28/03	3974.6	53.03	53.87	0.84	3921.44
MW - 3	06/03/03	3974.6	52.72	55.12	2.4	3921.52
MW - 3	06/09/03	3974.6	52.65	55.5	2.85	3921.52
MW - 3	07/01/03	3974.6	52.68	55.81	3.13	3921.45
MW - 3	07/08/03	3974.6	52.68	55.84	3.16	3921.45
MW - 3	07/29/03	3974.6	52.53	55.71	3.18	3921.59
MW - 3	08/04/03	3974.6	52.7	55.91	3.21	3921.42

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	08/18/03	3974.6	52.81	56.01	3.2	3921.31
MW - 3	08/25/03	3974.6	53.83	56.06	2.23	3920.44
MW - 3	10/01/03	3974.6	52.6	54.81	2.21	3921.67
MW - 3	10/06/03	3974.6	62.62	55.73	-6.89	3913.01
MW - 3	10/08/03	3974.6	52.9	56.09	3.19	3921.22
MW - 3	10/15/03	3974.6	52.89	56.04	3.15	3921.24
MW - 3	11/12/03	3974.6	53.21	56.72	3.51	3920.86
MW - 3	11/19/03	3974.6	52.99	56.08	3.09	3921.15
MW - 3	12/01/03	3974.6	53.05	56.08	3.03	3921.10
MW - 3	12/10/03	3974.6	52.72	55.74	3.02	3921.43
MW - 3	02/05/04	3974.6	53.04	56.11	3.07	3921.10
MW - 3	02/17/04	3974.6	52.8	55.64	2.84	3921.37
MW - 3	02/25/04	3974.6	53.03	56.08	3.05	3921.11
MW - 3	03/09/04	3974.6	52.83	55.86	3.03	3921.32
MW - 3	03/16/04	3974.6	52.79	55.81	3.02	3921.36
MW - 3	03/22/04	3974.6	52.85	54.16	1.31	3921.55
MW - 3	04/07/04	3974.6	52.87	53.18	0.31	3921.68
MW - 3	04/12/04	3974.6	52.97	55.02	2.05	3921.32
MW - 3	04/19/04	3974.6	52.8	53.06	0.26	3921.76
MW - 3	05/05/04	3974.6	52.87	55.57	2.7	3921.33
MW - 3	05/11/04	3974.6	53.02	55.68	2.66	3921.18
MW - 3	06/07/04	3974.6	52.62	55.29	2.67	3921.58
MW - 3	06/15/04	3974.6	52.65	55.27	2.62	3921.56
MW - 3	06/20/04	3974.6	52.65	55.27	2.62	3921.56
MW - 3	06/21/04	3974.6	52.61	55.32	2.71	3921.58
MW - 3	06/28/04	3974.6	52.62	55.34	2.72	3921.57
MW - 3	07/08/04	3974.6	52.6	55.31	2.71	3921.59
MW - 3	07/12/04	3974.6	52.57	55.33	2.76	3921.62
MW - 3	08/06/04	3974.6	52.69	55.36	2.67	3921.51
MW - 3	08/12/04	3974.6	52.68	55.37	2.69	3921.52
MW - 3	08/17/04	3974.6	52.63	55.3	2.67	3921.57
MW - 3	08/26/04	3974.6	52.63	55.79	3.16	3921.50
MW - 3	09/01/04	3974.6	52.74	55.15	2.41	3921.50
MW - 3	09/03/04	3974.6	52.83	55.22	2.39	3921.41
MW - 3	09/08/04	3974.6	52.78	55.42	2.64	3921.42
MW - 3	09/14/04	3974.6	52.76	55.05	2.29	3921.50
MW - 3	09/22/04	3974.6	52.86	55.05	2.19	3921.41
MW - 3	10/01/04	3974.6	52.73	55.3	2.57	3921.48
MW - 3	10/08/04	3974.6	52.78	55.16	2.38	3921.46
MW - 3	10/15/04	3974.6	52.65	54.8	2.15	3921.63
MW - 3	10/22/04	3974.6	52.66	55.2	2.54	3921.56
MW - 3	11/12/04	3974.6	53.11	53.44	0.33	3921.44
MW - 3	11/26/04	3974.6	53.1	53.6	0.5	3921.43

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	12/02/04	3974.6	53.25	53.5	0.25	3921.31
MW - 3	12/06/04	3974.6	53.09	53.59	0.5	3921.44
MW - 3	12/13/04	3974.6	53.12	53.6	0.48	3921.41
MW - 3	12/15/04	3974.6	53.12	53.6	0.48	3921.41
MW - 3	12/27/04	3974.6	52.87	54.2	1.33	3921.53
MW - 3	01/10/05	3974.6	52.72	54.54	1.82	3921.61
MW - 3	01/18/05	3974.6	52.7	54.7	2	3921.60
MW - 3	01/18/05	3974.6	52.81	53.85	1.04	3921.63
MW - 3	01/25/05	3974.6	52.65	54.58	1.93	3921.66
MW - 3	01/27/05	3974.6	52.7	54.4	1.7	3921.65
MW - 3	02/01/05	3974.6	52.66	54.47	1.81	3921.67
MW - 3	02/07/05	3974.6	52.6	54.49	1.89	3921.72
MW - 3	02/11/05	3974.6	52.63	54.38	1.75	3921.71
MW - 3	02/15/05	3974.6	52.64	54.36	1.72	3921.70
MW - 3	02/22/05	3974.6	52.5	54.89	2.39	3921.74
MW - 3	02/24/05	3974.6	52.51	54.85	2.34	3921.74
MW - 3	03/03/05	3974.6	52.49	54.9	2.41	3921.75
MW - 3	03/09/05	3974.6	52.49	54.92	2.43	3921.75
MW - 3	03/22/05	3974.6	52.52	54.84	2.32	3921.73
MW - 3	03/24/05	3974.6	52.52	54.84	2.32	3921.73
MW - 3	03/31/05	3974.6	DAMAGED		#VALUE!	#VALUE!
MW - 3	06/22/05	3974.6	52.45	54.6	2.15	3921.83
MW - 3	07/21/05	3974.6	52.38	54.6	2.22	3921.89
MW - 3	08/03/05	3974.6	52.4	54.52	2.12	3921.88
MW - 3	08/12/05	3974.6	52.39	53.43	1.04	3922.05
MW - 3	08/15/05	3974.6	52.44	54.27	1.83	3921.89
MW - 3	08/22/05	3974.6	52.43	54.34	1.91	3921.88
MW - 3	08/30/05	3974.6	52.39	54.38	1.99	3921.91
MW - 3	09/07/05	3974.6	52.4	54.39	1.99	3921.90
MW - 3	09/14/05	3974.6	52.43	54.3	1.87	3921.89
MW - 3	09/20/05	3974.6	52.4	54.2	1.8	3921.93
MW - 3	09/21/05	3974.6	52.43	54.33	1.9	3921.89
MW - 3	09/28/05	3974.6	52.39	54.36	1.97	3921.91
MW - 3	10/06/05	3974.6	52.3	54.68	2.38	3921.94
MW - 3	10/13/05	3974.6	52.3	54.66	2.36	3921.95
MW - 3	10/20/05	3974.6	52.31	54.6	2.29	3921.95
MW - 3	10/26/05	3974.6	52.32	54.6	2.28	3921.94
MW - 3	11/03/05	3974.6	52.28	54.59	2.31	3921.97
MW - 3	11/10/05	3974.6	52.27	54.62	2.35	3921.98
MW - 3	11/16/05	3974.6	52.31	54.58	2.27	3921.95
MW - 3	11/23/05	3974.6	52.36	54.5	2.14	3921.92
MW - 3	11/28/05	3974.6	52.25	54.6	2.35	3922.00
MW - 3	12/05/05	3974.6	52.3	54.49	2.19	3921.97

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	12/12/05	3974.6	52.29	54.51	2.22	3921.98
MW - 3	12/16/05	3974.6	52.89	53.78	0.89	3921.58
MW - 3	12/19/05	3974.6	52.36	54.53	2.17	3921.91
MW - 3	12/29/05	3974.6	52.28	54.6	2.32	3921.97
MW - 3	01/04/06	3974.6	52.33	54.58	2.25	3921.93
MW - 3	01/10/06	3974.6	52.29	54.58	2.29	3921.97
MW - 3	01/17/06	3974.6	52.28	54.52	2.24	3921.98
MW - 3	01/26/06	3974.6	52.27	54.52	2.25	3921.99
MW - 3	01/31/06	3974.6	52.28	54.5	2.22	3921.99
MW - 3	02/07/06	3974.6	52.27	54.46	2.19	3922.00
MW - 3	02/09/06	3974.6	52.36	54.15	1.79	3921.97
MW - 3	02/13/06	3974.6	52.25	54.49	2.24	3922.01
MW - 3	02/22/06	3974.6	52.25	54.53	2.28	3922.01
MW - 3	02/28/06	3974.6	52.27	54.5	2.23	3922.00
MW - 3	03/07/06	3974.6	52.28	54.46	2.18	3921.99
MW - 3	03/15/06	3974.6	52.25	54.44	2.19	3922.02
MW - 3	03/20/06	3974.6	52.24	54.37	2.13	3922.04
MW - 3	03/22/06	3974.6	52.71	52.78	0.07	3921.88
MW - 3	03/29/06	3974.6	52.28	54.11	1.83	3922.05
MW - 3	04/11/06	3974.6	52.23	54.29	2.06	3922.06
MW - 3	04/18/06	3974.6	52.23	54.32	2.09	3922.06
MW - 3	04/25/06	3974.6	52.32	54.12	1.8	3922.01
MW - 3	05/02/06	3974.6	52.23	54.43	2.2	3922.04
MW - 3	05/09/06	3974.6	52.22	54.3	2.08	3922.07
MW - 3	05/16/06	3974.6	52.22	54.29	2.07	3922.07
MW - 3	05/23/06	3974.6	52.23	54.3	2.07	3922.06
MW - 3	05/31/06	3974.6	52.23	54.31	2.08	3922.06
MW - 3	06/06/06	3974.6	52.22	54.21	1.99	3922.08
MW - 3	06/13/06	3974.6	52.21	54.24	2.03	3922.09
MW - 3	06/20/06	3974.6	52.21	54.23	2.02	3922.09
MW - 3	06/21/06	3974.6	52.34	53.66	1.32	3922.06
MW - 3	07/06/06	3974.6	52.22	54.25	2.03	3922.08
MW - 3	07/12/06	3974.6	52.29	53.96	1.67	3922.06
MW - 3	07/20/06	3974.6	52.25	53.99	1.74	3922.09
MW - 3	07/25/06	3974.6	52.29	53.88	1.59	3922.07
MW - 3	08/01/06	3974.6	52.29	53.9	1.61	3922.07
MW - 3	08/16/06	3974.6	52.32	53.78	1.46	3922.06
MW - 3	08/23/06	3974.6	53.33	53.75	0.42	3921.21
MW - 3	08/28/06	3974.6	52.32	53.79	1.47	3922.06
MW - 3	09/12/06	3974.6	52.32	53.77	1.45	3922.06
MW - 3	09/22/06	3974.6	52.34	54.01	1.67	3922.01
MW - 3	10/06/06	3974.6	WELL OBSTRUCTED		#VALUE!	#VALUE!
MW - 3	10/10/06	3974.6	WELL OBSTRUCTED		#VALUE!	#VALUE!

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	12/04/06	3974.6	WELL OBSTRUCTED		#VALUE!	#VALUE!
MW - 3	12/15/06	3974.6	WELL OBSTRUCTED		#VALUE!	#VALUE!
MW - 3	01/05/07	3974.6	WELL OBSTRUCTED		#VALUE!	#VALUE!
MW - 3	02/09/07	3974.6	INSUFFICIENT		#VALUE!	#VALUE!
MW - 3	02/23/07	3974.6	DRY?		#VALUE!	#VALUE!
MW - 3	03/14/07	3974.6	52.2	53.73	1.53	3922.17
MW - 3	03/26/07	3974.6	52.16	53.99	1.83	3922.17
MW - 3	04/03/07	3974.6	52.14	54.06	1.92	3922.17
MW - 3	04/09/07	3974.6	52.13	54.03	1.9	3922.19
MW - 3	04/26/07	3974.6	52.13	54.06	1.93	3922.18
MW - 3	04/30/07	3974.6	52.16	53.96	1.8	3922.17
MW - 3	05/11/07	3974.6	52.13	54	1.87	3922.19
MW - 3	05/16/07	3974.6	52.16	53.9	1.74	3922.18
MW - 3	05/22/07	3974.6	52.14	53.93	1.79	3922.19
MW - 3	05/29/07	3974.6	52.13	53.94	1.81	3922.20
MW - 3	06/01/07	3974.6	52.12	53.96	1.84	3922.20
MW - 3	06/08/07	3974.6	52.13	53.95	1.82	3922.20
MW - 3	06/11/07	3974.6	52.18	53.8	1.62	3922.18
MW - 3	06/20/07	3974.6	52.13	53.9	1.77	3922.20
MW - 3	07/10/07	3974.6	52.12	53.9	1.78	3922.21
MW - 3	07/20/07	3974.6	52.12	53.9	1.78	3922.21
MW - 3	07/25/07	3974.6	52.12	53.84	1.72	3922.22
MW - 3	08/01/07	3974.6	52.11	53.81	1.7	3922.24
MW - 3	08/10/07	3974.6	52.12	53.86	1.74	3922.22
MW - 3	08/15/07	3974.6	52.12	53.77	1.65	3922.23
MW - 3	08/30/07	3974.6	52.12	53.83	1.71	3922.22
MW - 3	08/31/07	3974.6	52.12	53.83	1.71	3922.22
MW - 3	09/10/07	3974.6	52.11	53.81	1.7	3922.24
MW - 3	09/19/07	3974.6	52.11	53.79	1.68	3922.24
MW - 3	10/01/07	3974.6	52.22	53.36	1.14	3922.21
MW - 3	10/19/07	3974.6	52.14	53.59	1.45	3922.24
MW - 3	11/12/07	3974.6	52.15	53.52	1.37	3922.24
MW - 3	12/13/07	3974.6	52.08	53.72	1.64	3922.27
MW - 3	03/07/08	3974.6	52.06	53.62	1.56	3922.31
MW - 3	05/29/08	3974.6	52.04	53.41	1.37	3922.35
MW - 3	06/02/08	3974.6	52.04	53.35	1.31	3922.36
MW - 3	06/03/08	3974.6	52.04	53.35	1.31	3922.36
MW - 3	08/02/08	3974.6	52.05	53.45	1.4	3922.34
MW - 3	09/03/08	3974.6	52.01	53.42	1.41	3922.38
MW - 3	09/19/08	3974.6	52.13	53.38	1.25	3922.28
MW - 3	09/26/08	3974.6	52.08	53.38	1.3	3922.33
MW - 3	10/10/08	3974.6	52.01	53.34	1.33	3922.39
MW - 3	10/17/08	3974.6	52.04	53.32	1.28	3922.37

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	10/21/08	3974.6	52.06	53.33	1.27	3922.35
MW - 3	10/30/08	3974.6	52.03	53.3	1.27	3922.38
MW - 3	11/04/08	3974.6	52.03	53.26	1.23	3922.39
MW - 3	11/18/08	3974.6	52.03	53.3	1.27	3922.38
MW - 3	11/25/08	3974.6	52.06	53.33	1.27	3922.35
MW - 3	12/10/08	3974.6	52.04	53.29	1.25	3922.37
MW - 3	12/18/08	3974.6	52.02	53.31	1.29	3922.39
MW - 3	01/06/09	3974.6	52	53.29	1.29	3922.41
MW - 3	01/14/09	3974.6	52.03	53.31	1.28	3922.38
MW - 3	01/21/09	3974.6	52.03	53.25	1.22	3922.39
MW - 3	01/22/09	3974.6	52.02	53.02	1	3922.43
MW - 3	01/30/09	3974.6	52.04	53.27	1.23	3922.38
MW - 3	02/03/09	3974.6	52.03	53.2	1.17	3922.39
MW - 3	02/12/09	3974.6	52.02	53.2	1.18	3922.40
MW - 3	02/19/09	3974.6	52.02	53.17	1.15	3922.41
MW - 3	03/04/09	3974.6	52.05	53.03	0.98	3922.40
MW - 3	03/06/09	3974.6	52.01	53.05	1.04	3922.43
MW - 3	03/11/09	3974.6	52.04	53.19	1.15	3922.39
MW - 3	03/16/09	3974.6	52.08	53.06	0.98	3922.37
MW - 3	03/19/09	3974.6	52.03	53.19	1.16	3922.40
MW - 3	03/24/09	3974.6	51.99	52.92	0.93	3922.47
MW - 3	04/03/09	3974.6	51.58	52.7	1.12	3922.85
MW - 3	04/15/09	3974.6	52.01	53.1	1.09	3922.43
MW - 3	04/17/09	3974.6	52.07	53.04	0.97	3922.38
MW - 3	04/22/09	3974.6	51.97	53.06	1.09	3922.47
MW - 3	04/29/09	3974.6	52.06	53.14	1.08	3922.38
MW - 3	05/20/09	3974.6	52	53.09	1.09	3922.44
MW - 3	05/20/09	3974.6	52	53.09	1.09	3922.44
MW - 3	06/09/09	3974.6	51.99	53.14	1.15	3922.44
MW - 3	06/17/09	3974.6	52	53.12	1.12	3922.43
MW - 3	06/23/09	3974.6	51.95	53.08	1.13	3922.48
MW - 3	07/01/09	3974.6	52	53.16	1.16	3922.43
MW - 3	07/08/09	3974.6	52.02	53.14	1.12	3922.41
MW - 3	07/15/09	3974.6	52	53.08	1.08	3922.44
MW - 3	07/17/09	3974.6	52.04	53.05	1.01	3922.41
MW - 3	07/23/09	3974.6	52.02	53.12	1.1	3922.42
MW - 3	07/24/09	3974.6	52.05	52.87	0.82	3922.43
MW - 3	07/30/09	3974.6	52.08	53.19	1.11	3922.35
MW - 3	08/04/09	3974.6	52	53.02	1.02	3922.45
MW - 3	08/12/09	3974.6	52.02	53.08	1.06	3922.42
MW - 3	08/20/09	3974.6	52	53.08	1.08	3922.44
MW - 3	08/26/09	3974.6	51.98	52.73	0.75	3922.51
MW - 3	09/02/09	3974.6	51.99	53.11	1.12	3922.44

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	09/09/09	3974.6	52.02	53.11	1.09	3922.42
MW - 3	09/14/09	3974.6	52.01	53.06	1.05	3922.43
MW - 3	09/21/09	3974.6	52.01	53.1	1.09	3922.43
MW - 3	10/01/09	3974.6	52.02	53.09	1.07	3922.42
MW - 3	10/08/09	3974.6	52.02	53.12	1.1	3922.42
MW - 3	10/08/09	3974.6	52.02	53.12	1.1	3922.42
MW - 3	10/14/09	3974.6	52.02	53.09	1.07	3922.42
MW - 3	10/21/09	3974.6	52.02	53.15	1.13	3922.41
MW - 3	10/28/09	3974.6	52.97	53.09	0.12	3921.61
MW - 3	11/04/09	3974.6	51.99	53.02	1.03	3922.46
MW - 3	11/11/09	3974.6	51.99	53	1.01	3922.46
MW - 3	11/18/09	3974.6	52.03	53.1	1.07	3922.41
MW - 3	11/25/09	3974.6	51.99	53.09	1.1	3922.45
MW - 3	12/02/09	3974.6	52.02	53.09	1.07	3922.42
MW - 3	12/10/09	3974.6	52	53.03	1.03	3922.45
MW - 3	12/17/09	3974.6	52.06	53.05	0.99	3922.39
MW - 3	12/21/09	3974.6	52.02	52.72	0.7	3922.48
MW - 3	12/30/09	3974.6	52.11	52.99	0.88	3922.36
MW - 3	01/07/10	3974.6	52.06	52.72	0.66	3922.44
MW - 3	01/18/10	3974.6	52.08	52.64	0.56	3922.44
MW - 3	02/02/10	3974.6	52.02	52.93	0.91	3922.44
MW - 3	02/11/10	3974.6	51.97	52.91	0.94	3922.49
MW - 3	02/18/10	3974.6	51.98	51.99	0.01	3922.62
MW - 3	02/25/10	3974.6	52.04	53	0.96	3922.42
MW - 3	03/02/10	3974.6	52.05	52.95	0.9	3922.42
MW - 3	03/04/10	3974.6	52	52.83	0.83	3922.48
MW - 3	03/10/10	3974.6	51.98	52.93	0.95	3922.48
MW - 3	03/12/10	3974.6	52.07	52.84	0.77	3922.41
MW - 3	03/15/10	3974.6	52.03	52.77	0.74	3922.46
MW - 3	03/18/10	3974.6	52.06	52.77	0.71	3922.43
MW - 3	03/22/10	3974.6	52.1	52.8	0.7	3922.40
MW - 3	03/24/10	3974.6	52.12	52.73	0.61	3922.39
MW - 3	03/30/10	3974.6	52.08	52.74	0.66	3922.42
MW - 3	04/07/10	3974.6	52.1	52.74	0.64	3922.40
MW - 3	04/12/10	3974.6	52	52.72	0.72	3922.49
MW - 3	04/16/10	3974.6	52.39	54.08	1.69	3921.96
MW - 3	04/20/10	3974.6	52.34	53.61	1.27	3922.07
MW - 3	04/27/10	3974.6	52.42	53.74	1.32	3921.98
MW - 3	04/30/10	3974.6	52.32	53.31	0.99	3922.13
MW - 3	05/12/10	3974.6	52.36	53.78	1.42	3922.03
MW - 3	05/14/10	3974.6	52.33	53.33	1	3922.12
MW - 3	05/17/10	3974.6	52.52	53.74	1.22	3921.90
MW - 3	05/20/10	3974.6	52.37	53.78	1.41	3922.02

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	05/25/10	3974.6	52.26	53.13	0.87	3922.21
MW - 3	06/01/10	3974.6	52.25	53.14	0.89	3922.22
MW - 3	06/09/10	3974.6	52.27	53.11	0.84	3922.20
MW - 3	06/16/10	3974.6	52.28	52.96	0.68	3922.22
MW - 3	06/28/10	3974.6	52.32	53.37	1.05	3922.12
MW - 3	07/09/10	3974.6	52.29	52.94	0.65	3922.21
MW - 3	07/23/10	3974.6	51.99	52.67	0.68	3922.51
MW - 3	07/29/10	3974.6	51.99	52.68	0.69	3922.51
MW - 3	08/05/10	3974.6	51.98	52.7	0.72	3922.51
MW - 3	08/12/10	3974.6	51.98	52.73	0.75	3922.51
MW - 3	08/16/10	3974.6	51.98	52.73	0.75	3922.51
MW - 3	08/18/10	3974.6	51.98	52.75	0.77	3922.50
MW - 3	08/26/10	3974.6	52.11	53.04	0.93	3922.35
MW - 3	09/02/10	3974.6	52.19	53.4	1.21	3922.23
MW - 3	09/09/10	3974.6	51.96	52.71	0.75	3922.53
MW - 3	09/30/10	3974.6	52.04	52.58	0.54	3922.48
MW - 3	10/07/10	3974.6	52.04	52.65	0.61	3922.47
MW - 3	10/14/10	3974.6	52.3	53.9	1.6	3922.06
MW - 3	10/21/10	3974.6	52.28	53.89	1.61	3922.08
MW - 3	11/04/10	3974.6	52.18	53.24	1.06	3922.26
MW - 3	11/10/10	3974.6	52.29	53.87	1.58	3922.07
MW - 3	12/01/10	3974.6	51.96	52.81	0.85	3922.51
MW - 3	12/08/10	3974.6	52.09	53.16	1.07	3922.35
MW - 3	01/26/11	3974.6	52	52.75	0.75	3922.49
MW - 3	02/28/11	3974.6	52.27	53.87	1.6	3922.09
MW - 3	03/04/11	3974.6	52.08	52.88	0.8	3922.40
MW - 3	03/09/11	3974.6	52.07	53.57	1.5	3922.31
MW - 3	04/28/11	3974.6	52.11	53.12	1.01	3922.34
MW - 3	05/04/11	3974.6	52.09	52.12	0.03	3922.51
MW - 3	05/11/11	3974.6	52.14	53.11	0.97	3922.31
MW - 3	05/12/11	3974.6	52.1	53.06	0.96	3922.36
MW - 3	05/18/11	3974.6	52.13	53.18	1.05	3922.31
MW - 3	05/23/11	3974.6	52.07	53.02	0.95	3922.39
MW - 3	06/08/11	3974.6	52.11	53.19	1.08	3922.33
MW - 3	06/16/11	3974.6	52.09	53.05	0.96	3922.37
MW - 3	06/22/11	3974.6	52.11	53.1	0.99	3922.34
MW - 3	06/30/11	3974.6	52.05	53.52	1.47	3922.33
MW - 3	07/06/11	3974.6	51.98	53.15	1.17	3922.44
MW - 3	07/13/11	3974.6	52.08	53.25	1.17	3922.34
MW - 3	07/15/11	3974.6	52.1	53.5	1.4	3922.29
MW - 3	07/19/11	3974.6	52.15	53.08	0.93	3922.31
MW - 3	07/21/11	3974.6	52.02	53.04	1.02	3922.43
MW - 3	07/26/11	3974.6	52.15	53.05	0.9	3922.32

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	07/28/11	3974.6	52.12	53.06	0.94	3922.34
MW - 3	08/02/11	3974.6	52.25	53.76	1.51	3922.12
MW - 3	08/09/11	3974.6	52.2	53.68	1.48	3922.18
MW - 3	08/12/11	3974.6	52.13	53.38	1.25	3922.28
MW - 3	08/15/11	3974.6	52.13	53.38	1.25	3922.28
MW - 3	08/16/11	3974.6	52.12	53.8	1.68	3922.23
MW - 3	08/19/11	3974.6	52.13	53.71	1.58	3922.23
MW - 3	08/23/11	3974.6	52.16	53.3	1.14	3922.27
MW - 3	08/26/11	3974.6	52.21	53.25	1.04	3922.23
MW - 3	08/30/11	3974.6	52.02	52.69	0.67	3922.48
MW - 3	09/01/11	3974.6	52.05	52.42	0.37	3922.49
MW - 3	09/08/11	3974.6	52.14	53.89	1.75	3922.20
MW - 3	09/13/11	3974.6	52.1	53.49	1.39	3922.29
MW - 3	09/15/11	3974.6	52.22	52.28	0.06	3922.37
MW - 3	09/22/11	3974.6	52.03	52.75	0.72	3922.46
MW - 3	10/06/11	3974.6	52.04	52.92	0.88	3922.43
MW - 3	10/11/11	3974.6	52.17	53.19	1.02	3922.28
MW - 3	10/13/11	3974.6	52.19	53.91	1.72	3922.15
MW - 3	10/26/11	3974.6	51.13	53.36	2.23	3923.14
MW - 3	11/22/11	3974.6	52.17	53.24	1.07	3922.27
MW - 4	03/02/00	3974.53	52.58	54.3	1.72	3921.69
MW - 4	04/25/00	3974.53	52.59	54.38	1.79	3921.67
MW - 4	09/06/00	3974.53	52.44	55.11	2.67	3921.69
MW - 4	11/28/00	3974.53	52.48	55.25	2.77	3921.63
MW - 4	02/21/01	3974.53	52.38	55.15	2.77	3921.73
MW - 4	05/31/01	3974.53	52.43	55.22	2.79	3921.68
MW - 4	08/23/01	3974.53	52.38	55.24	2.86	3921.72
MW - 4	11/21/01	3974.53	52.37	55.15	2.78	3921.74
MW - 4	02/13/02	3974.53	52.42	55.21	2.79	3921.69
MW - 4	06/12/02	3974.53	52.31	55.44	3.13	3921.75
MW - 4	08/26/02	3974.53	52.33	55.5	3.17	3921.72
MW - 4	11/08/02	3974.53	52.94	53.18	0.24	3921.55
MW - 4	11/21/02	3974.53	52.61	54.63	2.02	3921.62
MW - 4	12/27/02	3974.53	52.53	54.86	2.33	3921.65
MW - 4	01/06/03	3974.53	52.74	53.93	1.19	3921.61
MW - 4	01/08/03	3974.53	52.77	53.81	1.04	3921.60
MW - 4	01/10/03	3974.53	52.86	53.31	0.45	3921.60
MW - 4	01/13/03	3974.53	52.87	53.26	0.39	3921.60
MW - 4	02/05/03	3974.53	52.91	52.99	0.08	3921.61
MW - 4	02/26/03	3974.53	52.72	53.86	1.14	3921.64
MW - 4	03/04/03	3974.53	52.7	53.86	1.16	3921.66
MW - 4	03/12/03	3974.53	52.78	53.69	0.91	3921.61

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	03/18/03	3974.53	52.91	53.3	0.39	3921.56
MW - 4	03/25/03	3974.53	52.85	53.32	0.47	3921.61
MW - 4	03/31/03	3974.53	52.82	53.41	0.59	3921.62
MW - 4	04/09/03	3974.53	52.81	53.33	0.52	3921.64
MW - 4	04/14/03	3974.53	52.79	53.48	0.69	3921.64
MW - 4	05/07/03	3974.53	52.5	54.57	2.07	3921.72
MW - 4	05/08/03	3974.53	52.58	54.67	2.09	3921.64
MW - 4	05/13/03	3974.53	52.57	54.66	2.09	3921.65
MW - 4	05/21/03	3974.53	52.58	54.71	2.13	3921.63
MW - 4	05/27/03	3974.53	52.73	53.62	0.89	3921.67
MW - 4	05/28/03	3974.53	52.82	53.65	0.83	3921.59
MW - 4	06/03/03	3974.53	52.68	54.35	1.67	3921.60
MW - 4	06/10/03	3974.53	52.82	53.6	0.78	3921.59
MW - 4	07/01/03	3974.53	52.91	53.66	0.75	3921.51
MW - 4	07/08/03	3974.53	52.77	54.3	1.53	3921.53
MW - 4	07/29/03	3974.53	52.57	54.38	1.81	3921.69
MW - 4	08/04/03	3974.53	52.85	54.17	1.32	3921.48
MW - 4	08/18/03	3974.53	52.84	53.39	0.55	3921.61
MW - 4	08/25/03	3974.53	52.85	54.86	2.01	3921.38
MW - 4	10/06/03	3974.53	52.91	53.17	0.26	3921.58
MW - 4	10/08/03	3974.53	53.12	53.98	0.86	3921.28
MW - 4	10/15/03	3974.53	53.14	53.88	0.74	3921.28
MW - 4	11/12/03	3974.53	53.14	54.94	1.8	3921.12
MW - 4	11/19/03	3974.53	53.1	54.58	1.48	3921.21
MW - 4	12/01/03	3974.53	53.29	53.7	0.41	3921.18
MW - 4	12/10/03	3974.53	52.96	53.5	0.54	3921.49
MW - 4	02/05/04	3974.53	53.32	53.78	0.46	3921.14
MW - 4	02/17/04	3974.53	53.87	54.28	0.41	3920.60
MW - 4	02/25/04	3974.53	53.28	53.8	0.52	3921.17
MW - 4	03/09/04	3974.53	52.84	54.59	1.75	3921.43
MW - 4	03/16/04	3974.53	52.85	54.56	1.71	3921.42
MW - 4	03/22/04	3974.53	52.84	53.14	0.3	3921.65
MW - 4	04/07/04	3974.53	52.9	53.37	0.47	3921.56
MW - 4	04/12/04	3974.53	52.83	54.74	1.91	3921.41
MW - 4	04/19/04	3974.53	52.87	52.99	0.12	3921.64
MW - 4	05/05/04	3974.53	52.82	54.83	2.01	3921.41
MW - 4	05/11/04	3974.53	53	54.74	1.74	3921.27
MW - 4	06/07/04	3974.53	52.58	54.57	1.99	3921.65
MW - 4	06/15/04	3974.53	52.6	54.49	1.89	3921.65
MW - 4	06/20/04	3974.53	52.6	54.49	1.89	3921.65
MW - 4	06/21/04	3974.53	52.56	54.55	1.99	3921.67
MW - 4	06/28/04	3974.53	52.57	54.51	1.94	3921.67
MW - 4	07/08/04	3974.53	52.55	54.53	1.98	3921.68

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	07/12/04	3974.53	52.54	54.52	1.98	3921.69
MW - 4	08/06/04	3974.53	52.58	54.51	1.93	3921.66
MW - 4	08/12/04	3974.53	52.6	54.59	1.99	3921.63
MW - 4	08/17/04	3974.53	52.64	54.72	2.08	3921.58
MW - 4	08/26/04	3974.53	52.6	54.79	2.19	3921.60
MW - 4	09/01/04	3974.53	52.67	54.4	1.73	3921.60
MW - 4	09/03/04	3974.53	52.67	54.45	1.78	3921.59
MW - 4	09/08/04	3974.53	52.66	54.63	1.97	3921.57
MW - 4	09/14/04	3974.53	52.69	54.46	1.77	3921.57
MW - 4	09/22/04	3974.53	52.81	54.39	1.58	3921.48
MW - 4	10/01/04	3974.53	52.67	54.62	1.95	3921.57
MW - 4	10/08/04	3974.53	52.69	54.44	1.75	3921.58
MW - 4	10/15/04	3974.53	52.6	54.3	1.7	3921.68
MW - 4	10/22/04	3974.53	52.62	54.56	1.94	3921.62
MW - 4	11/12/04	3974.53	52.68	53.69	1.01	3921.70
MW - 4	11/26/04	3974.53	52.65	54.55	1.9	3921.60
MW - 4	12/02/04	3974.53	52.7	54.5	1.8	3921.56
MW - 4	12/06/04	3974.53	52.77	54.21	1.44	3921.54
MW - 4	12/13/04	3974.53	52.72	54.4	1.68	3921.56
MW - 4	12/15/04	3974.53	52.72	54.4	1.68	3921.56
MW - 4	12/27/04	3974.53	52.65	54.47	1.82	3921.61
MW - 4	01/10/05	3974.53	52.14	54.4	2.26	3922.05
MW - 4	01/18/05	3974.53	52.59	54.15	1.56	3921.71
MW - 4	01/18/05	3974.53	52.68	53.51	0.83	3921.73
MW - 4	01/25/05	3974.53	52.54	54.1	1.56	3921.76
MW - 4	01/27/05	3974.53	52.55	53.9	1.35	3921.78
MW - 4	02/01/05	3974.53	52.56	53.93	1.37	3921.76
MW - 4	02/07/05	3974.53	52.5	54.01	1.51	3921.80
MW - 4	02/11/05	3974.53	52.5	53.98	1.48	3921.81
MW - 4	02/15/05	3974.53	52.53	53.96	1.43	3921.79
MW - 4	02/22/05	3974.53	52.47	54.1	1.63	3921.82
MW - 4	02/24/05	3974.53	52.5	54.15	1.65	3921.78
MW - 4	03/03/05	3974.53	52.46	54.13	1.67	3921.82
MW - 4	03/09/05	3974.53	52.46	54.92	2.46	3921.70
MW - 4	03/22/05	3974.53	52.45	54.05	1.6	3921.84
MW - 4	03/24/05	3974.53	52.45	54.05	1.6	3921.84
MW - 4	03/31/05	3974.53	52.47	54.03	1.56	3921.83
MW - 4	06/22/05	3974.53	52.36	54.1	1.74	3921.91
MW - 4	07/21/05	3974.53	52.89	53.64	0.75	3921.53
MW - 4	08/03/05	3974.53	52.33	52.8	0.47	3922.13
MW - 4	08/12/05	3974.53	52.32	53.4	1.08	3922.05
MW - 4	08/15/05	3974.53	52.35	53.6	1.25	3921.99
MW - 4	08/22/05	3974.53	52.34	53.66	1.32	3921.99

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	08/30/05	3974.53	52.32	53.7	1.38	3922.00
MW - 4	09/07/05	3974.53	52.32	53.92	1.6	3921.97
MW - 4	09/14/05	3974.53	52.3	53.68	1.38	3922.02
MW - 4	09/20/05	3974.53	52.33	53.59	1.26	3922.01
MW - 4	09/21/05	3974.53	52.33	53.69	1.36	3922.00
MW - 4	09/28/05	3974.53	52.3	53.7	1.4	3922.02
MW - 4	10/06/05	3974.53	52.27	53.85	1.58	3922.02
MW - 4	10/13/05	3974.53	52.28	53.81	1.53	3922.02
MW - 4	10/20/05	3974.53	52.3	53.75	1.45	3922.01
MW - 4	10/26/05	3974.53	52.28	53.75	1.47	3922.03
MW - 4	11/03/05	3974.53	52.25	53.75	1.5	3922.06
MW - 4	11/10/05	3974.53	52.24	53.75	1.51	3922.06
MW - 4	11/16/05	3974.53	52.27	53.72	1.45	3922.04
MW - 4	11/23/05	3974.53	52.3	53.68	1.38	3922.02
MW - 4	11/28/05	3974.53	52.23	53.75	1.52	3922.07
MW - 4	12/05/05	3974.53	52.28	53.65	1.37	3922.04
MW - 4	12/12/05	3974.53	52.27	53.68	1.41	3922.05
MW - 4	12/16/05	3974.53	52.4	53.04	0.64	3922.03
MW - 4	12/19/05	3974.53	52.3	53.6	1.3	3922.04
MW - 4	12/29/05	3974.53	52.25	53.71	1.46	3922.06
MW - 4	01/04/06	3974.53	52.38	53.7	1.32	3921.95
MW - 4	01/10/06	3974.53	52.25	53.7	1.45	3922.06
MW - 4	01/17/06	3974.53	52.26	53.65	1.39	3922.06
MW - 4	01/26/06	3974.53	52.23	53.63	1.4	3922.09
MW - 4	01/31/06	3974.53	52.25	53.6	1.35	3922.08
MW - 4	02/07/06	3974.53	52.25	53.56	1.31	3922.08
MW - 4	02/09/06	3974.53	52.27	53.65	1.38	3922.05
MW - 4	02/13/06	3974.53	52.29	53.55	1.26	3922.05
MW - 4	02/22/06	3974.53	52.25	53.71	1.46	3922.06
MW - 4	02/28/06	3974.53	52.29	53.68	1.39	3922.03
MW - 4	03/07/06	3974.53	52.3	53.63	1.33	3922.03
MW - 4	03/15/06	3974.53	52.23	53.55	1.32	3922.10
MW - 4	03/20/06	3974.53	52.22	53.46	1.24	3922.12
MW - 4	03/22/06	3974.53	52.52	52.54	0.02	3922.01
MW - 4	03/29/06	3974.53	52.25	53.32	1.07	3922.12
MW - 4	04/11/06	3974.53	52.22	53.39	1.17	3922.13
MW - 4	04/18/06	3974.53	52.22	53.4	1.18	3922.13
MW - 4	04/25/06	3974.53	52.29	53.14	0.85	3922.11
MW - 4	05/02/06	3974.53	52.22	53.34	1.12	3922.14
MW - 4	05/09/06	3974.53	52.21	53.3	1.09	3922.16
MW - 4	05/16/06	3974.53	52.23	52.31	0.08	3922.29
MW - 4	05/23/06	3974.53	52.23	53.29	1.06	3922.14
MW - 4	05/31/06	3974.53	52.2	53.36	1.16	3922.16

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	06/06/06	3974.53	52.22	53.26	1.04	3922.15
MW - 4	06/13/06	3974.53	52.23	53.29	1.06	3922.14
MW - 4	06/20/06	3974.53	52.2	53.28	1.08	3922.17
MW - 4	06/21/06	3974.53	52.3	52.9	0.6	3922.14
MW - 4	07/06/06	3974.53	52.21	53.3	1.09	3922.16
MW - 4	07/12/06	3974.53	52.23	53.17	0.94	3922.16
MW - 4	07/20/06	3974.53	52.23	53.12	0.89	3922.17
MW - 4	07/25/06	3974.53	52.25	53.11	0.86	3922.15
MW - 4	08/01/06	3974.53	52.24	53.15	0.91	3922.15
MW - 4	08/16/06	3974.53	52.33	52.81	0.48	3922.13
MW - 4	08/23/06	3974.53	52.27	53	0.73	3922.15
MW - 4	08/28/06	3974.53	52.27	53	0.73	3922.15
MW - 4	09/12/06	3974.53	52.25	53.06	0.81	3922.16
MW - 4	09/22/06	3974.53	52.25	53.15	0.9	3922.15
MW - 4	09/27/06	3974.53	52.27	53.04	0.77	3922.14
MW - 4	10/06/06	3974.53	52.21	53.24	1.03	3922.17
MW - 4	10/10/06	3974.53	52.24	53.16	0.92	3922.15
MW - 4	10/16/06	3974.53	52.23	53.3	1.07	3922.14
MW - 4	10/26/06	3974.53	52.21	53.2	0.99	3922.17
MW - 4	11/03/06	3974.53	52.22	53.18	0.96	3922.17
MW - 4	11/09/06	3974.53	52.2	53.15	0.95	3922.19
MW - 4	11/16/06	3974.53	52.22	53.18	0.96	3922.17
MW - 4	11/22/06	3974.53	52.22	53.11	0.89	3922.18
MW - 4	12/04/06	3974.53	52.21	53.12	0.91	3922.18
MW - 4	12/08/06	3974.53	52.21	53.17	0.96	3922.18
MW - 4	12/15/06	3974.53	52.19	53.12	0.93	3922.20
MW - 4	01/05/07	3974.53	52.18	53.18	1	3922.20
MW - 4	01/12/07	3974.53	52.2	53.13	0.93	3922.19
MW - 4	01/18/07	3974.53	52.2	53.14	0.94	3922.19
MW - 4	01/24/07	3974.53	52.2	53.1	0.9	3922.20
MW - 4	01/29/07	3974.53	52.18	53.06	0.88	3922.22
MW - 4	02/09/07	3974.53	52.16	53.04	0.88	3922.24
MW - 4	02/16/07	3974.53	52.2	53.07	0.87	3922.20
MW - 4	02/23/07	3974.53	52.15	53.03	0.88	3922.25
MW - 4	03/02/07	3974.53	52.2	53.1	0.9	3922.20
MW - 4	03/14/07	3974.53	52.19	52.8	0.61	3922.25
MW - 4	03/26/07	3974.53	52.17	52.94	0.77	3922.24
MW - 4	04/03/07	3974.53	52.14	52.98	0.84	3922.26
MW - 4	04/09/07	3974.53	52.16	52.95	0.79	3922.25
MW - 4	04/26/07	3974.53	52.16	52.96	0.8	3922.25
MW - 4	04/30/07	3974.53	52.12	52.94	0.82	3922.29
MW - 4	05/11/07	3974.53	52.15	52.94	0.79	3922.26
MW - 4	05/16/07	3974.53	52.17	52.88	0.71	3922.25

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	05/22/07	3974.53	52.15	52.87	0.72	3922.27
MW - 4	05/29/07	3974.53	52.14	52.9	0.76	3922.28
MW - 4	06/01/07	3974.53	52.15	52.9	0.75	3922.27
MW - 4	06/08/07	3974.53	52.15	52.9	0.75	3922.27
MW - 4	06/11/07	3974.53	52.18	52.81	0.63	3922.26
MW - 4	06/20/07	3974.53	52.15	52.9	0.75	3922.27
MW - 4	07/10/07	3974.53	52.13	52.85	0.72	3922.29
MW - 4	07/20/07	3974.53	52.14	52.83	0.69	3922.29
MW - 4	07/25/07	3974.53	52.14	52.78	0.64	3922.29
MW - 4	08/01/07	3974.53	52.12	52.81	0.69	3922.31
MW - 4	08/10/07	3974.53	52.14	52.81	0.67	3922.29
MW - 4	08/15/07	3974.53	52.13	52.76	0.63	3922.31
MW - 4	08/30/07	3974.53	52.13	52.8	0.67	3922.30
MW - 4	08/31/07	3974.53	52.13	52.8	0.67	3922.30
MW - 4	09/10/07	3974.53	52.13	52.77	0.64	3922.30
MW - 4	09/19/07	3974.53	52.12	52.76	0.64	3922.31
MW - 4	09/27/07	3974.53	52.12	52.72	0.6	3922.32
MW - 4	10/01/07	3974.53	52.12	52.67	0.55	3922.33
MW - 4	10/19/07	3974.53	52.1	52.75	0.65	3922.33
MW - 4	10/26/07	3974.53	52.12	52.68	0.56	3922.33
MW - 4	11/12/07	3974.53	52.14	52.46	0.32	3922.34
MW - 4	11/16/07	3974.53	52.16	52.47	0.31	3922.32
MW - 4	11/29/07	3974.53	59.18	59.88	0.7	3915.25
MW - 4	12/13/07	3974.53	52.1	52.63	0.53	3922.35
MW - 4	01/10/08	3974.53	52.05	52.6	0.55	3922.40
MW - 4	01/17/08	3974.53	52.09	52.6	0.51	3922.36
MW - 4	01/22/08	3974.53	52.08	52.58	0.5	3922.38
MW - 4	2/6/08 #1	3974.53	52.09	52.55	0.46	3922.37
MW - 4	02/06/08 #2	3974.53	52.15	52.25	0.1	3922.37
MW - 4	2/12/08 #1	3974.53	52.09	52.56	0.47	3922.37
MW - 4	2/12/08 #2	3974.53	52.16	52.24	0.08	3922.36
MW - 4	2/20/08 #1	3974.53	52.07	52.25	0.18	3922.43
MW - 4	2/20/08 #2	3974.53	52.14	52.25	0.11	3922.37
MW - 4	2/27/08 #1	3974.53	52.08	52.51	0.43	3922.39
MW - 4	2/27/08 #2	3974.53	52.12	52.25	0.13	3922.39
MW - 4	03/07/08	3974.53	52.05	52.48	0.43	3922.42
MW - 4	3/12/2008 #1	3974.53	52.05	52.48	0.43	3922.42
MW - 4	3/12/08 #2	3974.53	52.11	52.21	0.1	3922.41
MW - 4	3/20/2008 #1	3974.53	52.06	52.47	0.41	3922.41
MW - 4	3/20/08 #2	3974.53	52.11	52.13	0.02	3922.42
MW - 4	3/23/08 #1	3974.53	52.06	52.47	0.41	3922.41
MW - 4	3/23/08 #2	3974.53	52.11	52.22	0.11	3922.40
MW - 4	4/2/08 #1	3974.53	52.07	52.45	0.38	3922.40

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	4/2/08 #2	3974.53	52.09	52.26	0.17	3922.41
MW - 4	4/9/08 #1	3974.53	52.05	52.45	0.4	3922.42
MW - 4	4/9/08 #2	3974.53	52.09	52.26	0.17	3922.41
MW - 4	04/16/08	3974.53	52.06	52.42	0.36	3922.42
MW - 4	04/23/08	3974.53	52.05	52.45	0.4	3922.42
MW - 4	04/30/08	3974.53	52.05	52.41	0.36	3922.43
MW - 4	05/29/08	3974.53	52.05	52.38	0.33	3922.43
MW - 4	06/02/08	3974.53	52.03	52.35	0.32	3922.45
MW - 4	06/03/08	3974.53	52.03	52.35	0.32	3922.45
MW - 4	06/11/08	3974.53	52.03	52.38	0.35	3922.45
MW - 4	06/18/08	3974.53	52.04	52.38	0.34	3922.44
MW - 4	06/23/08	3974.53	52.03	52.36	0.33	3922.45
MW - 4	07/01/08	3974.53	52.05	52.38	0.33	3922.43
MW - 4	07/09/08	3974.53	52.05	52.39	0.34	3922.43
MW - 4	07/15/08	3974.53	52.03	52.37	0.34	3922.45
MW - 4	07/22/08	3974.53	52.03	52.35	0.32	3922.45
MW - 4	08/02/08	3974.53	52.02	52.38	0.36	3922.46
MW - 4	08/13/08	3974.53	52.02	52.55	0.53	3922.43
MW - 4	09/03/08	3974.53	52.02	52.38	0.36	3922.46
MW - 4	09/11/08	3974.53	52.03	52.38	0.35	3922.45
MW - 4	09/19/08	3974.53	52.01	52.33	0.32	3922.47
MW - 4	09/26/08	3974.53	52.02	52.33	0.31	3922.46
MW - 4	10/10/08	3974.53	52.02	52.33	0.31	3922.46
MW - 4	10/17/08	3974.53	52.02	52.29	0.27	3922.47
MW - 4	10/21/08	3974.53	52.04	52.3	0.26	3922.45
MW - 4	10/30/08	3974.53	52.02	52.3	0.28	3922.47
MW - 4	11/04/08	3974.53	52.02	52.32	0.3	3922.47
MW - 4	11/18/08	3974.53	52.04	52.3	0.26	3922.45
MW - 4	11/25/08	3974.53	52.05	52.29	0.24	3922.44
MW - 4	12/10/08	3974.53	52.03	52.32	0.29	3922.46
MW - 4	12/18/08	3974.53	52.03	52.3	0.27	3922.46
MW - 4	01/06/09	3974.53	52.03	52.35	0.32	3922.45
MW - 4	01/14/09	3974.53	52.09	52.29	0.2	3922.41
MW - 4	01/21/09	3974.53	52.08	52.25	0.17	3922.42
MW - 4	01/22/09	3974.53	52.03	53.33	1.3	3922.31
MW - 4	01/30/09	3974.53	52.01	52.25	0.24	3922.48
MW - 4	02/03/09	3974.53	52	52.25	0.25	3922.49
MW - 4	02/12/09	3974.53	51.99	52.3	0.31	3922.49
MW - 4	02/19/09	3974.53	52	52.29	0.29	3922.49
MW - 4	03/04/09	3974.53	52.07	52.33	0.26	3922.42
MW - 4	03/06/09	3974.53	52.01	52.28	0.27	3922.48
MW - 4	03/11/09	3974.53	52.02	52.28	0.26	3922.47
MW - 4	03/16/09	3974.53	52.11	52.35	0.24	3922.38

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	03/19/09	3974.53	52.01	52.26	0.25	3922.48
MW - 4	03/24/09	3974.53	51.98	52.05	0.07	3922.54
MW - 4	04/03/09	3974.53	51.99	52.2	0.21	3922.51
MW - 4	04/15/09	3974.53	52.02	52.12	0.1	3922.50
MW - 4	04/17/09	3974.53	52.03	52.11	0.08	3922.49
MW - 4	04/21/09	3974.53	51.96	52.19	0.23	3922.54
MW - 4	04/29/09	3974.53	52.01	52.12	0.11	3922.50
MW - 4	05/20/09	3974.53	51.99	52.11	0.12	3922.52
MW - 4	05/20/09	3974.53	51.99	52.11	0.12	3922.52
MW - 4	06/09/09	3974.53	51.98	52.11	0.13	3922.53
MW - 4	06/17/09	3974.53	51.98	52.12	0.14	3922.53
MW - 4	06/23/09	3974.53	51.95	52.17	0.22	3922.55
MW - 4	07/01/09	3974.53	51.98	52.11	0.13	3922.53
MW - 4	07/08/09	3974.53	sheen	52.12	0	3922.41
MW - 4	07/15/09	3974.53	sheen	52.02	0	3922.51
MW - 4	07/17/09	3974.53	sheen	52.05	0	3922.48
MW - 4	07/23/09	3974.53	52.00	52.11	0.11	3922.51
MW - 4	07/24/09	3974.53	52.00	52.10	0.1	3922.52
MW - 4	07/30/09	3974.53	52.00	52.14	0.14	3922.51
MW - 4	08/04/09	3974.53	51.98	52.10	0.12	3922.53
MW - 4	08/12/09	3974.53	51.98	52.12	0.14	3922.53
MW - 4	08/20/09	3974.53	51.99	52.10	0.11	3922.52
MW - 4	08/26/09	3974.53	sheen	52.13	0	3922.40
MW - 4	09/02/09	3974.53	sheen	52.01	0	3922.52
MW - 4	09/09/09	3974.53	sheen	52.02	0	3922.51
MW - 4	09/14/09	3974.53	sheen	52.02	0	3922.51
MW - 4	09/21/09	3974.53	sheen	52.03	0	3922.50
MW - 4	10/01/09	3974.53	sheen	52.04	0	3922.49
MW - 4	10/08/09	3974.53	sheen	52.04	0	3922.49
MW - 4	10/14/09	3974.53	sheen	52.03	0	3922.50
MW - 4	10/21/09	3974.53	sheen	52.05	0	3922.48
MW - 4	10/28/09	3974.53	sheen	52.02	0	3922.51
MW - 4	11/04/09	3974.53	sheen	52.01	0	3922.52
MW - 4	11/11/09	3974.53	sheen	52.00	0	3922.53
MW - 4	11/18/09	3974.53	sheen	52.00	0	3922.53
MW - 4	11/25/09	3974.53	sheen	52.01	0	3922.52
MW - 4	12/02/09	3974.53	sheen	52.02	0	3922.51
MW - 4	12/10/09	3974.53	sheen	52.02	0	3922.51
MW - 4	12/17/09	3974.53	sheen	52.06	0	3922.47
MW - 4	12/21/09	3974.53	sheen	51.99	0	3922.54
MW - 4	12/30/09	3974.53	sheen	52.09	0	3922.44
MW - 4	01/07/10	3974.53	sheen	52.00	0	3922.53
MW - 4	01/18/10	3974.53	sheen	52.02	0	3922.51

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	02/02/10	3974.53	sheen	52.02	0	3922.51
MW - 4	02/11/10	3974.53	sheen	52.01	0	3922.52
MW - 4	02/18/10	3974.53	sheen	51.99	0	3922.54
MW - 4	02/25/10	3974.53	sheen	52.02	0	3922.51
MW - 4	03/02/10	3974.53	sheen	52.09	0	3922.44
MW - 4	03/04/10	3974.53	sheen	51.92	0	3922.61
MW - 4	03/10/10	3974.53	sheen	51.99	0	3922.54
MW - 4	03/12/10	3974.53	sheen	52.05	0	3922.48
MW - 4	03/15/10	3974.53	sheen	51.99	0	3922.54
MW - 4	03/18/10	3974.53	sheen	52.00	0	3922.53
MW - 4	03/22/10	3974.53	-	52.05	0	3922.48
MW - 4	03/24/10	3974.53	-	52.08	0	3922.45
MW - 4	03/30/10	3974.53	sheen	52.04	0	3922.49
MW - 4	04/07/10	3974.53	sheen	52.07	0	3922.46
MW - 4	04/12/10	3974.53	sheen	51.98	0	3922.55
MW - 4	04/16/10	3974.53	sheen	52.29	0	3922.24
MW - 4	04/20/10	3974.53	-	52.18	0	3922.35
MW - 4	04/27/10	3974.53	sheen	52.24	0	3922.29
MW - 4	04/30/10	3974.53	-	52.17	0	3922.36
MW - 4	05/12/10	3974.53	sheen	52.23	0	3922.30
MW - 4	05/14/10	3974.53	-	52.18	0	3922.35
MW - 4	05/17/10	3974.53	-	52.37	0	3922.16
MW - 4	05/20/10	3974.53	sheen	52.25	0	3922.28
MW - 4	05/25/10	3974.53	sheen	52.10	0	3922.43
MW - 4	06/01/10	3974.53	sheen	52.09	0	3922.44
MW - 4	06/09/10	3974.53	sheen	52.07	0	3922.46
MW - 4	06/16/10	3974.53	sheen	52.05	0	3922.48
MW - 4	06/28/10	3974.53	52.15	52.16	0.01	3922.38
MW - 4	07/09/10	3974.53	sheen	52.07	0	3922.46
MW - 4	07/14/10	3974.53	sheen	51.96	0	3922.57
MW - 4	07/23/10	3974.53	sheen	51.95	0	3922.58
MW - 4	07/29/10	3974.53	sheen	51.94	0	3922.59
MW - 4	08/05/10	3974.53	sheen	51.95	0	3922.58
MW - 4	08/12/10	3974.53	sheen	51.97	0	3922.56
MW - 4	08/16/10	3974.53	sheen	51.97	0	3922.56
MW - 4	08/18/10	3974.53	sheen	51.95	0	3922.58
MW - 4	08/25/10	3974.53	sheen	52.03	0	3922.50
MW - 4	09/09/10	3974.53	sheen	51.95	0	3922.58
MW - 4	09/30/10	3974.53	sheen	51.95	0	3922.58
MW - 4	10/07/10	3974.53	sheen	52.00	0	3922.53
MW - 4	10/14/10	3974.53	sheen	52.19	0	3922.34
MW - 4	10/21/10	3974.53	sheen	52.21	0	3922.32
MW - 4	11/04/10	3974.53	sheen	52.02	0	3922.51

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	11/10/10	3974.53	sheen	52.27	0	3922.26
MW - 4	12/01/10	3974.53	sheen	51.99	0	3922.54
MW - 4	12/08/10	3974.53	sheen	52.13	0	3922.40
MW - 4	01/26/11	3974.53	-	51.99	0	3922.54
MW - 4	02/28/11	3974.53	-	52.24	0	3922.29
MW - 4	03/04/11	3974.53	-	52	0	3922.53
MW - 4	03/09/11	3974.53	52.09	52.11	0.02	3922.44
MW - 4	04/28/11	3974.53	-	52.03	0	3922.50
MW - 4	05/04/11	3974.53	-	52.02	0	3922.51
MW - 4	05/11/11	3974.53	-	52.1	0	3922.43
MW - 4	05/12/11	3974.53	-	51.97	0	3922.56
MW - 4	05/18/11	3974.53	-	52.02	0	3922.51
MW - 4	05/23/11	3974.53	-	52.07	0	3922.46
MW - 4	06/08/11	3974.53	-	52.07	0	3922.46
MW - 4	06/16/11	3974.53	-	52.05	0	3922.48
MW - 4	06/22/11	3974.53	-	52.03	0	3922.50
MW - 4	06/30/11	3974.53	-	52.02	0	3922.51
MW - 4	07/06/11	3974.53	-	51.97	0	3922.56
MW - 4	07/13/11	3974.53	-	52.14	0	3922.39
MW - 4	07/15/11	3974.53	-	52.02	0	3922.51
MW - 4	07/19/11	3974.53	-	52.01	0	3922.52
MW - 4	07/21/11	3974.53	-	51.96	0	3922.57
MW - 4	07/26/11	3974.53	-	51.98	0	3922.55
MW - 4	07/28/11	3974.53	-	51.95	0	3922.58
MW - 4	08/02/11	3974.53	-	52.12	0	3922.41
MW - 4	08/09/11	3974.53	-	51.93	0	3922.60
MW - 4	08/12/11	3974.53	-	51.99	0	3922.54
MW - 4	08/15/11	3974.53	-	51.99	0	3922.54
MW - 4	08/16/11	3974.53	-	52.10	0	3922.43
MW - 4	08/19/11	3974.53	-	52.12	0	3922.41
MW - 4	08/23/11	3974.53	-	52.09	0	3922.44
MW - 4	08/26/11	3974.53	-	52.12	0	3922.41
MW - 4	08/30/11	3974.53	-	52.06	0	3922.47
MW - 4	09/01/11	3974.53	-	52.09	0	3922.44
MW - 4	09/08/11	3974.53	-	52.14	0	3922.39
MW - 4	09/13/11	3974.53	-	52.09	0	3922.44
MW - 4	09/15/11	3974.53	-	52.14	0	3922.39
MW - 4	09/22/11	3974.53	-	51.98	0	3922.55
MW - 4	10/06/11	3974.53	-	51.98	0	3922.55
MW - 4	10/11/11	3974.53	-	52.06	0	3922.47
MW - 4	10/13/11	3974.53	-	52.16	0	3922.37
MW - 4	10/26/11	3974.53	-	52.09	0	3922.44
MW - 4	11/22/11	3974.53	-	52.12	0	3922.41

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	03/02/00	3974.28	52.09	55.5	3.41	3921.68
MW - 5	04/25/00	3974.28	52.04	55.59	3.55	3921.71
MW - 5	09/06/00	3974.28	52.11	55.48	3.37	3921.66
MW - 5	11/28/00	3974.28	52.21	55.46	3.25	3921.58
MW - 5	02/21/01	3974.28	52.07	55.4	3.33	3921.71
MW - 5	05/31/01	3974.28	52.11	55.48	3.37	3921.66
MW - 5	08/23/01	3974.28	52.08	55.45	3.37	3921.69
MW - 5	11/21/01	3974.28	52.2	55.43	3.23	3921.60
MW - 5	02/13/02	3974.28	52.14	55.43	3.29	3921.65
MW - 5	06/12/02	3974.28	52.04	55.65	3.61	3921.70
MW - 5	08/26/02	3974.28	52.04	55.68	3.64	3921.69
MW - 5	11/08/02	3974.28	52.71	52.97	0.26	3921.53
MW - 5	11/21/02	3974.28	52.73	53.01	0.28	3921.51
MW - 5	12/27/02	3974.28	52.24	55.09	2.85	3921.61
MW - 5	01/06/03	3974.28	52.3	54.8	2.5	3921.61
MW - 5	01/08/03	3974.28	52.41	54.24	1.83	3921.60
MW - 5	01/10/03	3974.28	52.71	52.96	0.25	3921.53
MW - 5	01/13/03	3974.28	52.69	52.93	0.24	3921.55
MW - 5	02/05/03	3974.28	52.68	52.94	0.26	3921.56
MW - 5	02/26/03	3974.28	52.2	56.05	3.85	3921.50
MW - 5	03/04/03	3974.28	52.19	56.07	3.88	3921.51
MW - 5	03/12/03	3974.28	52.22	55.12	2.9	3921.63
MW - 5	03/18/03	3974.28	52.74	52.96	0.22	3921.51
MW - 5	03/25/03	3974.28	52.68	53.04	0.36	3921.55
MW - 5	03/31/03	3974.28	52.64	53.12	0.48	3921.57
MW - 5	04/09/03	3974.28	52.68	52.91	0.23	3921.57
MW - 5	04/14/03	3974.28	52.71	52.79	0.08	3921.56
MW - 5	05/07/03	3974.28	52.17	54.47	2.3	3921.77
MW - 5	05/08/03	3974.28	52.25	55.04	2.79	3921.61
MW - 5	05/13/03	3974.28	52.32	55.04	2.72	3921.55
MW - 5	05/21/03	3974.27	52.25	55.14	2.89	3921.59
MW - 5	05/27/03	3974.27	52.22	54.96	2.74	3921.64
MW - 5	05/28/03	3974.27	52.27	55.11	2.84	3921.57
MW - 5	06/03/03	3974.27	52.77	52.84	0.07	3921.49
MW - 5	06/10/03	3974.27	52.72	52.9	0.18	3921.52
MW - 5	07/01/03	3974.27	52.79	52.93	0.14	3921.46
MW - 5	07/08/03	3974.27	52.37	54.92	2.55	3921.52
MW - 5	07/29/03	3974.27	52.25	54.83	2.58	3921.63
MW - 5	08/04/03	3974.27	52.61	54.25	1.64	3921.41
MW - 5	08/18/03	3974.27	52.47	53.81	1.34	3921.60
MW - 5	08/25/03	3974.27	52.51	55.32	2.81	3921.34
MW - 5	10/01/03	3974.27	52.72	53.19	0.47	3921.48

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	10/06/03	3974.27	52.7	52.97	0.27	3921.53
MW - 5	10/08/03	3974.27	52.72	54.74	2.02	3921.25
MW - 5	10/15/03	3974.27	52.73	54.42	1.69	3921.29
MW - 5	11/12/03	3974.27	52.75	55.3	2.55	3921.14
MW - 5	11/19/03	3974.27	52.71	55.27	2.56	3921.18
MW - 5	12/01/03	3974.27	53.19	53.32	0.13	3921.06
MW - 5	12/10/03	3974.27	52.41	54.94	2.53	3921.48
MW - 5	02/05/04	3974.27	53.17	53.26	0.09	3921.09
MW - 5	02/17/04	3974.27	52.44	53.69	1.25	3921.64
MW - 5	02/25/04	3974.27	53.17	53.29	0.12	3921.08
MW - 5	03/09/04	3974.27	52.53	55.09	2.56	3921.36
MW - 5	03/16/04	3974.27	52.41	55.2	2.79	3921.44
MW - 5	03/22/04	3974.27	53	53.68	0.68	3921.17
MW - 5	04/07/04	3974.27	52.94	53.11	0.17	3921.30
MW - 5	04/12/04	3974.27	52.55	55	2.45	3921.35
MW - 5	04/19/04	3974.27	52.9	53	0.1	3921.36
MW - 5	05/05/04	3974.27	52.52	55.11	2.59	3921.36
MW - 5	05/11/04	3974.27	52.64	55.29	2.65	3921.23
MW - 5	06/07/04	3974.27	52.25	54.97	2.72	3921.61
MW - 5	06/15/04	3974.27	52.27	54.93	2.66	3921.60
MW - 5	06/20/04	3974.27	52.27	54.93	2.66	3921.60
MW - 5	06/21/04	3974.27	52.23	54.95	2.72	3921.63
MW - 5	06/28/04	3974.27	52.25	54.97	2.72	3921.61
MW - 5	07/08/04	3974.27	52.24	54.96	2.72	3921.62
MW - 5	07/12/04	3974.27	52.23	54.97	2.74	3921.63
MW - 5	08/12/04	3974.27	52.22	54.22	2	3921.75
MW - 5	08/17/04	3974.27	52.25	55.25	3	3921.57
MW - 5	08/26/04	3974.27	52.25	55.23	2.98	3921.57
MW - 5	09/01/04	3974.27	52.27	55.2	2.93	3921.56
MW - 5	09/03/04	3974.27	52.3	55.16	2.86	3921.54
MW - 5	09/08/04	3974.27	52.27	55.24	2.97	3921.55
MW - 5	09/14/04	3974.27	52.27	55.2	2.93	3921.56
MW - 5	09/22/04	3974.27	52.33	55.1	2.77	3921.52
MW - 5	10/01/04	3974.27	52.27	55.22	2.95	3921.56
MW - 5	10/08/04	3974.27	52.28	55.2	2.92	3921.55
MW - 5	10/15/04	3974.27	52.23	54.91	2.68	3921.64
MW - 5	10/22/04	3974.27	52.21	55.16	2.95	3921.62
MW - 5	11/12/04	3974.27	52.41	53.24	0.83	3921.74
MW - 5	11/26/04	3974.27	52.34	54.8	2.46	3921.56
MW - 5	12/02/04	3974.27	52.39	54.8	2.41	3921.52
MW - 5	12/06/04	3974.27	52.55	53.97	1.42	3921.51
MW - 5	12/13/04	3974.27	52.87	53.35	0.48	3921.33
MW - 5	12/15/04	3974.27	52.87	53.35	0.48	3921.33

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	12/27/04	3974.27	52.69	53.2	0.51	3921.50
MW - 5	01/10/05	3974.27	52.2	54.68	2.48	3921.70
MW - 5	01/18/05	3974.27	52.26	54.65	2.39	3921.65
MW - 5	01/18/05	3974.27	sheen	52.4	0	3921.87
MW - 5	01/25/05	3974.27	52.17	54.7	2.53	3921.72
MW - 5	01/27/05	3974.27	52.18	54.57	2.39	3921.73
MW - 5	02/01/05	3974.27	52.14	54.71	2.57	3921.74
MW - 5	02/07/05	3974.27	52.1	54.67	2.57	3921.78
MW - 5	02/11/05	3974.27	52.11	54.65	2.54	3921.78
MW - 5	02/15/05	3974.27	52.09	54.63	2.54	3921.80
MW - 5	02/22/05	3974.27	52.1	54.6	2.5	3921.80
MW - 5	02/24/05	3974.27	52.08	54.58	2.5	3921.82
MW - 5	03/03/05	3974.27	52.02	54.89	2.87	3921.82
MW - 5	03/09/05	3974.27	52.03	54.89	2.86	3921.81
MW - 5	03/22/05	3974.27	52.05	54.25	2.2	3921.89
MW - 5	03/24/05	3974.27	52.05	54.25	2.2	3921.89
MW - 5	03/31/05	3974.27	52.08	54.21	2.13	3921.87
MW - 5	06/22/05	3974.27	52.02	54.8	2.78	3921.83
MW - 5	07/21/05	3974.27	51.94	54.57	2.63	3921.94
MW - 5	08/03/05	3974.27	51.97	54.44	2.47	3921.93
MW - 5	08/30/05	3974.27	51.96	54.45	2.49	3921.94
MW - 5	09/20/05	3974.27	51.94	54.39	2.45	3921.96
MW - 5	09/28/05	3974.27	51.92	54.39	2.47	3921.98
MW - 5	10/06/05	3974.27	51.86	54.64	2.78	3921.99
MW - 5	10/13/05	3974.27	51.89	54.63	2.74	3921.97
MW - 5	10/20/05	3974.27	51.89	54.6	2.71	3921.97
MW - 5	10/26/05	3974.27	51.88	54.89	3.01	3921.94
MW - 5	11/16/05	3974.27	51.86	54.58	2.72	3922.00
MW - 5	11/23/05	3974.27	51.93	54.55	2.62	3921.95
MW - 5	12/12/05	3974.27	51.83	54.54	2.71	3922.03
MW - 5	12/16/05	3974.27	51.99	53.2	1.21	3922.10
MW - 5	12/19/05	3974.27	51.89	54.8	2.91	3921.94
MW - 5	12/29/05	3974.27	51.94	54.57	2.63	3921.94
MW - 5	01/04/06	3974.27	51.99	54.5	2.51	3921.90
MW - 5	01/10/06	3974.27	51.9	54.52	2.62	3921.98
MW - 5	01/17/06	3974.27	51.85	54.5	2.65	3922.02
MW - 5	01/26/06	3974.27	51.83	54.47	2.64	3922.04
MW - 5	01/31/06	3974.27	51.86	54.51	2.65	3922.01
MW - 5	02/07/06	3974.27	51.83	54.45	2.62	3922.05
MW - 5	02/09/06	3974.27	51.86	54.4	2.54	3922.03
MW - 5	02/13/06	3974.27	51.89	54.49	2.6	3921.99
MW - 5	02/22/06	3974.27	51.81	54.45	2.64	3922.06
MW - 5	02/28/06	3974.27	51.83	54.44	2.61	3922.05

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	03/07/06	3974.27	51.89	54.4	2.51	3922.00
MW - 5	03/15/06	3974.27	51.81	54.4	2.59	3922.07
MW - 5	03/20/06	3974.27	51.77	54.34	2.57	3922.11
MW - 5	03/22/06	3974.27	52.12	53.31	1.19	3921.97
MW - 5	03/29/06	3974.27	51.79	54.3	2.51	3922.10
MW - 5	04/11/06	3974.27	51.76	54.3	2.54	3922.13
MW - 5	04/18/06	3974.27	51.76	54.31	2.55	3922.13
MW - 5	04/25/06	3974.27	51.84	54.25	2.41	3922.07
MW - 5	05/02/06	3974.27	51.76	54.33	2.57	3922.12
MW - 5	05/09/06	3974.27	51.76	54.33	2.57	3922.12
MW - 5	05/16/06	3974.27	51.78	54.3	2.52	3922.11
MW - 5	05/23/06	3974.27	51.76	54.28	2.52	3922.13
MW - 5	05/31/06	3974.27	51.76	54.3	2.54	3922.13
MW - 5	06/06/06	3974.27	51.76	54.34	2.58	3922.12
MW - 5	06/13/06	3974.27	51.77	54.26	2.49	3922.13
MW - 5	06/20/06	3974.27	51.76	54.27	2.51	3922.13
MW - 5	06/21/06	3974.27	51.82	53.96	2.14	3922.13
MW - 5	07/06/06	3974.27	51.75	54.21	2.46	3922.15
MW - 5	07/12/06	3974.27	51.81	53.91	2.1	3922.15
MW - 5	07/20/06	3974.27	51.82	52.16	0.34	3922.40
MW - 5	07/25/06	3974.27	51.87	53.84	1.97	3922.10
MW - 5	08/01/06	3974.27	51.81	54.02	2.21	3922.13
MW - 5	08/16/06	3974.27	52.13	52.7	0.57	3922.05
MW - 5	08/23/06	3974.27	51.89	53.53	1.64	3922.13
MW - 5	08/28/06	3974.27	51.86	53.75	1.89	3922.13
MW - 5	09/12/06	3974.27	51.84	53.8	1.96	3922.14
MW - 5	09/22/06	3974.27	51.84	53.8	1.96	3922.14
MW - 5	09/27/06	3974.27	51.81	53.9	2.09	3922.15
MW - 5	10/06/06	3974.27	51.82	53.84	2.02	3922.15
MW - 5	10/10/06	3974.27	51.9	53.86	1.96	3922.08
MW - 5	10/16/06	3974.27	51.87	53.84	1.97	3922.10
MW - 5	10/26/06	3974.27	51.85	53.85	2	3922.12
MW - 5	11/03/06	3974.27	51.83	53.82	1.99	3922.14
MW - 5	11/09/06	3974.27	51.83	53.74	1.91	3922.15
MW - 5	11/16/06	3974.27	51.89	53.78	1.89	3922.10
MW - 5	11/22/06	3974.27	51.81	53.87	2.06	3922.15
MW - 5	12/04/06	3974.27	51.84	53.75	1.91	3922.14
MW - 5	12/08/06	3974.27	51.85	53.78	1.93	3922.13
MW - 5	12/15/06	3974.27	51.74	54.05	2.31	3922.18
MW - 5	01/05/07	3974.27	51.77	54.04	2.27	3922.16
MW - 5	01/12/07	3974.27	51.75	54.04	2.29	3922.18
MW - 5	01/18/07	3974.27	51.74	54.03	2.29	3922.19
MW - 5	01/24/07	3974.27	51.76	54.06	2.3	3922.17

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	01/29/07	3974.27	51.71	53.97	2.26	3922.22
MW - 5	02/09/07	3974.27	51.73	53.98	2.25	3922.20
MW - 5	02/16/07	3974.27	51.73	53.98	2.25	3922.20
MW - 5	02/23/07	3974.27	51.71	53.96	2.25	3922.22
MW - 5	03/02/07	3974.27	51.79	54.05	2.26	3922.14
MW - 5	03/14/07	3974.27	51.78	53.77	1.99	3922.19
MW - 5	03/26/07	3974.27	51.72	53.93	2.21	3922.22
MW - 5	04/03/07	3974.27	51.72	53.93	2.21	3922.22
MW - 5	04/09/07	3974.27	51.71	53.91	2.2	3922.23
MW - 5	04/26/07	3974.27	51.71	53.88	2.17	3922.23
MW - 5	04/30/07	3974.27	51.72	53.84	2.12	3922.23
MW - 5	05/11/07	3974.27	51.73	53.84	2.11	3922.22
MW - 5	05/16/07	3974.27	51.71	53.83	2.12	3922.24
MW - 5	05/22/07	3974.27	51.7	53.82	2.12	3922.25
MW - 5	05/29/07	3974.27	51.69	53.82	2.13	3922.26
MW - 5	06/01/07	3974.27	51.71	53.86	2.15	3922.24
MW - 5	06/08/07	3974.27	51.7	53.82	2.12	3922.25
MW - 5	06/11/07	3974.27	51.71	53.8	2.09	3922.25
MW - 5	06/20/07	3974.27	51.7	53.8	2.1	3922.26
MW - 5	07/10/07	3974.27	51.69	53.78	2.09	3922.27
MW - 5	07/20/07	3974.27	51.69	53.76	2.07	3922.27
MW - 5	07/25/07	3974.27	51.68	53.75	2.07	3922.28
MW - 5	08/01/07	3974.27	51.68	53.71	2.03	3922.29
MW - 5	08/10/07	3974.27	51.69	53.74	2.05	3922.27
MW - 5	08/15/07	3974.27	51.68	53.71	2.03	3922.29
MW - 5	08/30/07	3974.27	51.69	53.71	2.02	3922.28
MW - 5	08/31/07	3974.27	51.69	53.71	2.02	3922.28
MW - 5	09/10/07	3974.27	51.69	53.7	2.01	3922.28
MW - 5	09/19/07	3974.27	51.67	53.68	2.01	3922.30
MW - 5	10/01/07	3974.27	52.03	52.32	0.29	3922.20
MW - 5	10/19/07	3974.27	51.89	53.04	1.15	3922.21
MW - 5	11/12/07	3974.27	51.84	52.93	1.09	3922.27
MW - 5	12/13/07	3974.27	51.93	52.74	0.81	3922.22
MW - 5	03/07/08	3974.27	51.77	52.82	1.05	3922.34
MW - 5	3/12/08 #1	3974.27	51.77	52.82	1.05	3922.34
MW - 5	3/12/08 #2	3974.27	51.82	52.502	0.682	3922.35
MW - 5	3/20/2008 #1	3974.27	51.78	52.83	1.05	3922.33
MW - 5	3/20/08 #2	3974.27	51.81	52.57	0.76	3922.35
MW - 5	3/23/08 #1	3974.27	51.84	52.88	1.04	3922.27
MW - 5	3/23/08 #2	3974.27	51.82	52.39	0.57	3922.36
MW - 5	4/2/08 #1	3974.27	51.79	52.99	1.2	3922.30
MW - 5	4/2/08 #2	3974.27	51.76	52.62	0.86	3922.38
MW - 5	4/9/08 #1	3974.27	51.71	53.11	1.4	3922.35

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	4/9/08 #2	3974.27	51.79	52.65	0.86	3922.35
MW - 5	04/16/08	3974.27	51.73	52.82	1.09	3922.38
MW - 5	04/30/08	3974.27	51.78	52.97	1.19	3922.31
MW - 5	05/29/08	3974.27	51.63	53.27	1.64	3922.39
MW - 5	06/02/08	3974.27	51.63	53.22	1.59	3922.40
MW - 5	06/03/08	3974.27	51.63	53.22	1.59	3922.40
MW - 5	06/11/08	3974.27	51.62	53.25	1.63	3922.41
MW - 5	06/18/08	3974.27	51.62	53.26	1.64	3922.40
MW - 5	06/23/08	3974.27	51.63	53.23	1.6	3922.40
MW - 5	07/01/08	3974.27	51.61	53.22	1.61	3922.42
MW - 5	07/09/08	3974.27	51.65	53.26	1.61	3922.38
MW - 5	07/15/08	3974.27	51.6	53.22	1.62	3922.43
MW - 5	07/22/08	3974.27	51.63	53.21	1.58	3922.40
MW - 5	08/02/08	3974.27	51.62	53.22	1.6	3922.41
MW - 5	08/13/08	3974.27	51.62	53.21	1.59	3922.41
MW - 5	09/03/08	3974.27	51.61	53.21	1.6	3922.42
MW - 5	09/11/08	3974.27	51.61	53.2	1.59	3922.42
MW - 5	09/19/08	3974.27	51.6	53.16	1.56	3922.44
MW - 5	09/26/08	3974.27	51.6	53.16	1.56	3922.44
MW - 5	10/10/08	3974.27	51.61	53.18	1.57	3922.42
MW - 5	10/17/08	3974.27	51.61	53.13	1.52	3922.43
MW - 5	10/21/08	3974.27	51.89	53.26	1.37	3922.17
MW - 5	10/30/08	3974.27	51.6	53.11	1.51	3922.44
MW - 5	11/04/08	3974.27	51.61	53.13	1.52	3922.43
MW - 5	11/18/08	3974.27	51.61	53.1	1.49	3922.44
MW - 5	11/25/08	3974.27	51.61	53.12	1.51	3922.43
MW - 5	12/10/08	3974.27	51.59	53.13	1.54	3922.45
MW - 5	12/18/08	3974.27	51.6	53.11	1.51	3922.44
MW - 5	01/07/09	3974.27	51.62	53.16	1.54	3922.42
MW - 5	01/14/09	3974.27	51.61	53.15	1.54	3922.43
MW - 5	01/21/09	3974.27	51.98	52.05	0.07	3922.28
MW - 5	01/22/09	3974.27	51.59	53.09	1.5	3922.46
MW - 5	01/30/09	3974.27	51.6	53.05	1.45	3922.45
MW - 5	02/03/09	3974.27	51.6	53.02	1.42	3922.46
MW - 5	02/12/09	3974.27	51.58	52.02	0.44	3922.62
MW - 5	02/19/09	3974.27	52.59	52.96	0.37	3921.62
MW - 5	03/04/09	3974.27	52.65	53.02	0.37	3921.56
MW - 5	03/06/09	3974.27	51.6	53.04	1.44	3922.45
MW - 5	03/11/09	3974.27	51.6	53.02	1.42	3922.46
MW - 5	03/16/09	3974.27	52.68	53.06	0.38	3921.53
MW - 5	03/19/09	3974.27	51.6	53.01	1.41	3922.46
MW - 5	03/24/09	3974.27	51.55	52.89	1.34	3922.52
MW - 5	04/03/09	3974.27	51.58	52.7	1.12	3922.52

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	04/15/09	3974.27	51.59	52.91	1.32	3922.48
MW - 5	04/17/09	3974.27	51.61	52.83	1.22	3922.48
MW - 5	04/22/09	3974.27	51.6	52.68	1.08	3922.51
MW - 5	04/29/09	3974.27	51.61	52.96	1.35	3922.46
MW - 5	05/20/09	3974.27	51.58	52.91	1.33	3922.49
MW - 5	05/20/09	3974.27	51.58	52.91	1.33	3922.49
MW - 5	06/09/09	3974.27	51.58	52.95	1.37	3922.48
MW - 5	06/17/09	3974.27	51.59	52.97	1.38	3922.47
MW - 5	06/23/09	3974.27	51.61	52.66	1.05	3922.50
MW - 5	07/01/09	3974.27	51.58	52.96	1.38	3922.48
MW - 5	07/08/09	3974.27	51.58	52.98	1.4	3922.48
MW - 5	07/15/09	3974.27	51.58	52.92	1.34	3922.49
MW - 5	07/17/09	3974.27	51.61	52.89	1.28	3922.47
MW - 5	07/23/09	3974.27	51.59	52.95	1.36	3922.48
MW - 5	07/24/09	3974.27	51.61	52.82	1.21	3922.48
MW - 5	07/30/09	3974.27	51.59	52.95	1.36	3922.48
MW - 5	08/04/09	3974.27	51.58	52.93	1.35	3922.49
MW - 5	08/12/09	3974.27	51.58	52.94	1.36	3922.49
MW - 5	08/20/09	3974.27	51.58	52.93	1.35	3922.49
MW - 5	08/26/09	3974.27	51.55	51.92	0.37	3922.66
MW - 5	09/02/09	3974.27	51.56	52.92	1.36	3922.51
MW - 5	09/09/09	3974.27	51.72	52.92	1.2	3922.37
MW - 5	09/14/09	3974.27	51.74	53.92	2.18	3922.20
MW - 5	09/21/09	3974.27	51.92	52.98	1.06	3922.19
MW - 5	10/01/09	3974.27	51.6	52.95	1.35	3922.47
MW - 5	10/08/09	3974.27	51.6	52.94	1.34	3922.47
MW - 5	10/14/09	3974.27	51.92	52.96	1.04	3922.19
MW - 5	10/21/09	3974.27	51.57	52.89	1.32	3922.50
MW - 5	10/28/09	3974.27	51.83	52.9	1.07	3922.28
MW - 5	11/04/09	3974.27	51.56	52.86	1.3	3922.52
MW - 5	11/11/09	3974.27	51.56	52.85	1.29	3922.52
MW - 5	11/18/09	3974.27	51.55	52.86	1.31	3922.52
MW - 5	11/25/09	3974.27	51.58	52.87	1.29	3922.50
MW - 5	12/02/09	3974.27	51.57	52.88	1.31	3922.50
MW - 5	12/10/09	3974.27	51.58	52.87	1.29	3922.50
MW - 5	12/17/09	3974.27	51.62	52.89	1.27	3922.46
MW - 5	12/21/09	3974.27	52.06	52.83	0.77	3922.09
MW - 5	12/30/09	3974.27	51.66	52.84	1.18	3922.43
MW - 5	01/07/10	3974.27	51.65	52.66	1.01	3922.47
MW - 5	01/18/10	3974.27	51.57	52.66	1.09	3922.54
MW - 5	02/02/10	3974.27	51.58	52.74	1.16	3922.52
MW - 5	02/11/10	3974.27	51.56	52.73	1.17	3922.53
MW - 5	02/18/10	3974.27	51.55	52.74	1.19	3922.54

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	02/25/10	3974.27	51.6	52.8	1.2	3922.49
MW - 5	03/02/10	3974.27	51.64	52.82	1.18	3922.45
MW - 5	03/04/10	3974.27	51.57	52.09	0.52	3922.62
MW - 5	03/10/10	3974.27	51.59	52.78	1.19	3922.50
MW - 5	03/12/10	3974.27	51.61	52.86	1.25	3922.47
MW - 5	03/15/10	3974.27	51.6	52.73	1.13	3922.50
MW - 5	03/18/10	3974.27	51.59	52.73	1.14	3922.51
MW - 5	03/22/10	3974.27	51.62	52.78	1.16	3922.48
MW - 5	03/24/10	3974.27	51.63	52.76	1.13	3922.47
MW - 5	03/30/10	3974.27	51.61	52.79	1.18	3922.48
MW - 5	04/07/10	3974.27	51.64	52.79	1.15	3922.46
MW - 5	04/12/10	3974.27	51.53	52.7	1.17	3922.56
MW - 5	04/16/10	3974.27	51.96	53.95	1.99	3922.01
MW - 5	04/20/10	3974.27	51.85	53.52	1.67	3922.17
MW - 5	04/27/10	3974.27	51.98	53.6	1.62	3922.05
MW - 5	04/30/10	3974.27	51.91	53.39	1.48	3922.14
MW - 5	05/12/10	3974.27	51.91	53.5	1.59	3922.12
MW - 5	05/14/10	3974.27	51.93	53.38	1.45	3922.12
MW - 5	05/17/10	3974.27	52.08	53.39	1.31	3921.99
MW - 5	05/20/10	3974.27	51.9	53.51	1.61	3922.13
MW - 5	05/25/10	3974.27	51.86	53.12	1.26	3922.22
MW - 5	06/01/10	3974.27	51.88	53.11	1.23	3922.21
MW - 5	06/09/10	3974.27	51.88	53.12	1.24	3922.20
MW - 5	06/16/10	3974.27	51.85	52.92	1.07	3922.26
MW - 5	06/28/10	3974.27	51.63	53.78	2.15	3922.32
MW - 5	07/09/10	3974.27	51.87	52.91	1.04	3922.24
MW - 5	07/14/10	3974.27	51.58	52.4	0.82	3922.57
MW - 5	07/23/10	3974.27	51.6	52.49	0.89	3922.54
MW - 5	07/29/10	3974.27	51.59	52.4	0.81	3922.56
MW - 5	08/05/10	3974.27	51.61	52.4	0.79	3922.54
MW - 5	08/12/10	3974.27	51.62	52.42	0.8	3922.53
MW - 5	08/16/10	3974.27	51.62	52.42	0.8	3922.53
MW - 5	08/18/10	3974.27	51.59	52.45	0.86	3922.55
MW - 5	08/25/10	3974.27	51.81	52.84	1.03	3922.31
MW - 5	09/02/10	3974.27	51.81	52.88	1.07	3922.30
MW - 5	09/09/10	3974.27	51.62	52.41	0.79	3922.53
MW - 5	09/30/10	3974.27	51.61	52.36	0.75	3922.55
MW - 5	10/07/10	3974.27	51.64	52.35	0.71	3922.52
MW - 5	10/14/10	3974.27	51.88	53.49	1.61	3922.15
MW - 5	10/21/10	3974.27	51.88	53.46	1.58	3922.15
MW - 5	11/04/10	3974.27	51.86	52.77	0.91	3922.27
MW - 5	11/10/10	3974.27	51.88	53.43	1.55	3922.16
MW - 5	12/01/10	3974.27	51.70	52.44	0.74	3922.46

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	12/08/10	3974.27	51.85	52.77	0.92	3922.28
MW - 5	01/26/11	3974.27	51.59	52.51	0.92	3922.54
MW - 5	02/28/11	3974.27	51.86	53.46	1.6	3922.17
MW - 5	03/04/11	3974.27	51.66	52.44	0.78	3922.49
MW - 5	03/09/11	3974.27	51.75	53.12	1.37	3922.31
MW - 5	04/28/11	3974.27	51.74	52.91	1.17	3922.35
MW - 5	05/04/11	3974.27	51.70	52.9	1.2	3922.39
MW - 5	05/11/11	3974.27	51.69	52.82	1.13	3922.41
MW - 5	05/12/11	3974.27	51.62	52.61	0.99	3922.50
MW - 5	05/18/11	3974.27	51.64	52.75	1.11	3922.46
MW - 5	05/23/11	3974.27	51.76	52.88	1.12	3922.34
MW - 5	06/08/11	3974.27	51.72	53.19	1.47	3922.33
MW - 5	06/16/11	3974.27	51.73	53.02	1.29	3922.35
MW - 5	06/22/11	3974.27	51.68	52.88	1.2	3922.41
MW - 5	06/30/11	3974.27	51.64	53.2	1.56	3922.40
MW - 5	07/06/11	3974.27	51.57	52.79	1.22	3922.52
MW - 5	07/13/11	3974.27	51.68	53.12	1.44	3922.37
MW - 5	07/15/11	3974.27	51.75	53.2	1.45	3922.30
MW - 5	07/19/11	3974.27	51.60	52.53	0.93	3922.53
MW - 5	07/21/11	3974.27	51.61	52.8	1.19	3922.48
MW - 5	07/26/11	3974.27	51.76	52.68	0.92	3922.37
MW - 5	07/28/11	3974.27	51.73	52.97	1.24	3922.35
MW - 5	08/02/11	3974.27	51.88	53.58	1.7	3922.14
MW - 5	08/09/11	3974.27	51.82	53.3	1.48	3922.23
MW - 5	08/12/11	3974.27	51.84	52.96	1.12	3922.26
MW - 5	08/15/11	3974.27	51.84	52.96	1.12	3922.26
MW - 5	08/16/11	3974.27	51.66	52.63	0.97	3922.46
MW - 5	08/19/11	3974.27	51.73	52.55	0.82	3922.42
MW - 5	08/23/11	3974.27	51.74	52.75	1.01	3922.38
MW - 5	08/26/11	3974.27	51.78	53.05	1.27	3922.30
MW - 5	08/30/11	3974.27	51.60	52.5	0.9	3922.54
MW - 5	09/01/11	3974.27	51.65	52.16	0.51	3922.54
MW - 5	09/08/11	3974.27	51.80	53.37	1.57	3922.23
MW - 5	09/13/11	3974.27	51.72	53.04	1.32	3922.35
MW - 5	09/15/11	3974.27	51.81	53.17	1.36	3922.26
MW - 5	09/22/11	3974.27	51.61	52.4	0.79	3922.54
MW - 5	10/06/11	3974.27	51.72	52.82	1.1	3922.39
MW - 5	10/11/11	3974.27	51.81	52.96	1.15	3922.29
MW - 5	10/13/11	3974.27	51.87	53.61	1.74	3922.14
MW - 5	10/26/11	3974.27	51.81	53.23	1.42	3922.25
MW - 5	11/22/11	3974.27	51.76	52.83	1.07	3922.35
MW - 6	03/02/00	3974.72	53.10	53.84	0.74	3921.51

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	04/25/00	3974.72	53.14	53.91	0.77	3921.46
MW - 6	09/06/00	3974.72	52.81	55.87	3.06	3921.45
MW - 6	11/28/00	3974.72	52.91	55.62	2.71	3921.40
MW - 6	02/21/01	3974.72	52.79	55.42	2.63	3921.54
MW - 6	05/31/01	3974.72	52.95	54.83	1.88	3921.49
MW - 6	08/23/01	3974.72	52.69	55.95	3.26	3921.54
MW - 6	11/21/01	3974.72	53.42	55.42	2.00	3921.00
MW - 6	02/13/02	3974.72	52.74	56.04	3.3	3921.49
MW - 6	06/12/02	3974.72	52.63	56.16	3.53	3921.56
MW - 6	08/26/02	3974.72	52.67	56.24	3.57	3921.51
MW - 6	11/08/02	3974.72	53.03	55.06	2.03	3921.39
MW - 6	11/21/02	3974.72	53.10	54.57	1.47	3921.40
MW - 6	12/27/02	3974.72	52.95	54.97	2.02	3921.47
MW - 6	01/06/03	3974.72	52.90	55.38	2.48	3921.45
MW - 6	01/08/03	3974.72	52.88	55.42	2.54	3921.46
MW - 6	01/10/03	3974.72	52.86	55.86	3.00	3921.41
MW - 6	01/13/03	3974.72	52.85	55.55	2.70	3921.47
MW - 6	02/05/03	3974.72	52.80	55.81	3.01	3921.47
MW - 6	02/26/03	3974.72	52.71	56.09	3.38	3921.50
MW - 6	03/04/03	3974.72	52.72	56.09	3.37	3921.49
MW - 6	03/12/03	3974.72	52.73	56.18	3.45	3921.47
MW - 6	03/18/03	3974.72	52.71	56.25	3.54	3921.48
MW - 6	03/25/03	3974.72	52.71	56.18	3.47	3921.49
MW - 6	03/31/03	3974.72	52.69	56.21	3.52	3921.50
MW - 6	04/09/03	3974.72	52.73	53.02	0.29	3921.95
MW - 6	04/14/03	3974.72	52.61	53.00	0.39	3922.05
MW - 6	05/07/03	3974.72	52.92	56.21	3.29	3921.31
MW - 6	05/08/03	3974.72	52.75	56.04	3.29	3921.48
MW - 6	05/13/03	3974.72	52.80	59.21	6.41	3920.96
MW - 6	05/21/03	3974.72	52.73	56.11	3.38	3921.48
MW - 6	05/27/03	3974.72	53.12	56.50	3.38	3921.09
MW - 6	05/28/03	3974.72	53.20	56.65	3.45	3921.00
MW - 6	06/03/03	3974.72	53.19	56.68	3.49	3921.01
MW - 6	06/10/03	3974.72	52.73	56.25	3.52	3921.46
MW - 6	07/01/03	3974.72	52.77	56.31	3.54	3921.42
MW - 6	07/08/03	3974.72	52.77	56.4	3.63	3921.41
MW - 6	07/30/03	3974.72	52.62	56.23	3.61	3921.56
MW - 6	08/04/03	3974.72	52.40	56.45	4.05	3921.71
MW - 6	08/18/03	3974.72	52.97	54.18	1.21	3921.57
MW - 6	08/25/03	3974.72	53.40	57.02	3.62	3920.78
MW - 6	10/01/03	3974.72	52.77	54.90	2.13	3921.63
MW - 6	10/06/03	3974.72	52.72	56.26	3.54	3921.47
MW - 6	10/08/03	3974.72	53.05	56.62	3.57	3921.13

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	10/15/03	3974.72	53.47	57.10	3.63	3920.71
MW - 6	11/12/03	3974.72	53.11	55.91	2.80	3921.19
MW - 6	11/19/03	3974.72	53.12	56.70	3.58	3921.06
MW - 6	12/01/03	3974.72	53.08	56.70	3.62	3921.10
MW - 6	12/10/03	3974.72	52.82	56.33	3.51	3921.37
MW - 6	02/05/04	3974.72	53.63	57.18	3.55	3920.56
MW - 6	02/17/04	3974.72	52.89	56.34	3.45	3921.31
MW - 6	02/25/04	3974.72	53.60	57.13	3.53	3920.59
MW - 6	03/09/04	3974.72	52.91	56.40	3.49	3921.29
MW - 6	03/16/04	3974.72	53.14	54.19	1.05	3921.42
MW - 6	03/22/04	3974.72	53.04	55.22	2.18	3921.35
MW - 6	04/07/04	3974.72	53.14	53.69	0.55	3921.50
MW - 6	04/12/04	3974.72	53.50	56.43	2.93	3920.78
MW - 6	04/19/04	3974.72	53.10	53.49	0.39	3921.56
MW - 6	05/05/04	3974.72	53.04	56.06	3.02	3921.23
MW - 6	05/11/04	3974.72	52.19	56.21	4.02	3921.93
MW - 6	06/07/04	3974.72	52.77	55.87	3.10	3921.49
MW - 6	06/15/04	3974.72	52.78	55.90	3.12	3921.47
MW - 6	06/20/04	3974.72	52.78	55.90	3.12	3921.47
MW - 6	06/21/04	3974.72	52.77	55.77	3.00	3921.50
MW - 6	06/28/04	3974.72	52.77	55.91	3.14	3921.48
MW - 6	07/08/04	3974.72	52.75	55.87	3.12	3921.50
MW - 6	07/12/04	3974.72	52.76	55.90	3.14	3921.49
MW - 6	08/06/04	3974.72	52.83	55.80	2.97	3921.44
MW - 6	08/12/04	3974.72	52.85	55.82	2.97	3921.42
MW - 6	08/17/04	3974.72	52.77	55.94	3.17	3921.47
MW - 6	09/01/04	3974.72	53.21	54.22	1.01	3921.36
MW - 6	09/03/04	3974.72	53.31	54.02	0.71	3921.30
MW - 6	09/08/04	3974.72	52.16	53.52	1.36	3922.36
MW - 6	09/14/04	3974.72	53.20	54.26	1.06	3921.36
MW - 6	09/22/04	3974.72	53.22	54.14	0.92	3921.36
MW - 6	10/01/04	3974.72	53.10	54.89	1.79	3921.35
MW - 6	10/08/04	3974.72	53.25	54.05	0.80	3921.35
MW - 6	10/15/04	3974.72	53.11	53.88	0.77	3921.49
MW - 6	10/22/04	3974.72	53.05	54.55	1.50	3921.45
MW - 6	11/12/04	3974.72	53.22	54.16	0.94	3921.36
MW - 6	11/26/04	3974.72	53.11	54.55	1.44	3921.39
MW - 6	12/02/04	3974.72	53.79	55.20	1.41	3920.72
MW - 6	12/06/04	3974.72	53.87	54.96	1.09	3920.69
MW - 6	12/13/04	3974.72	53.51	54.51	1.00	3921.06
MW - 6	12/15/04	3974.72	53.51	54.51	1.00	3921.06
MW - 6	12/27/04	3974.72	53.85	55.60	1.75	3920.61
MW - 6	01/10/05	3974.72	53.02	54.20	1.18	3921.52

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	01/18/05	3974.72	52.96	54.49	1.53	3921.53
MW - 6	01/18/05	3974.72	53.14	53.52	0.38	3921.52
MW - 6	01/25/05	3974.72	53.08	53.78	0.70	3921.54
MW - 6	01/27/05	3974.72	53.21	53.42	0.21	3921.48
MW - 6	02/01/05	3974.72	53.19	53.51	0.32	3921.48
MW - 6	02/07/05	3974.72	53.14	53.54	0.40	3921.52
MW - 6	02/11/05	3974.72	53.15	53.55	0.40	3921.51
MW - 6	02/15/05	3974.72	53.10	53.52	0.42	3921.56
MW - 6	02/22/05	3974.72	53.09	53.58	0.49	3921.56
MW - 6	02/24/05	3974.72	53.08	53.65	0.57	3921.55
MW - 6	03/03/05	3974.72	53.02	53.61	0.59	3921.61
MW - 6	03/09/05	3974.72	53.02	53.64	0.62	3921.61
MW - 6	03/22/05	3974.72	53.57	54.20	0.63	3921.06
MW - 6	03/24/05	3974.72	53.57	54.20	0.63	3921.06
MW - 6	03/31/05	3974.72	53.60	54.20	0.60	3921.03
MW - 6	06/22/05	3974.72	52.91	53.92	1.01	3921.66
MW - 6	07/21/05	3974.72	52.80	53.80	1.00	3921.77
MW - 6	08/03/05	3974.72	52.82	53.70	0.88	3921.77
MW - 6	08/12/05	3974.72	52.87	53.62	0.75	3921.74
MW - 6	08/15/05	3974.72	52.91	53.30	0.39	3921.75
MW - 6	08/22/05	3974.72	52.70	53.69	0.99	3921.87
MW - 6	08/30/05	3974.72	DID NOT GAUGE		#VALUE!	#VALUE!
MW - 6	09/07/05	3974.72	52.67	54.31	1.64	3921.80
MW - 6	09/14/05	3974.72	52.78	53.31	0.53	3921.86
MW - 6	09/20/05	3974.72	52.75	53.91	1.16	3921.80
MW - 6	09/21/05	3974.72	52.76	53.54	0.78	3921.84
MW - 6	09/28/05	3974.72	52.70	54.00	1.30	3921.83
MW - 6	10/06/05	3974.72	52.80	53.66	0.86	3921.79
MW - 6	10/13/05	3974.72	52.80	53.51	0.71	3921.81
MW - 6	10/20/05	3974.72	52.84	53.81	0.97	3921.73
MW - 6	10/26/05	3974.72	52.83	53.42	0.59	3921.80
MW - 6	11/03/05	3974.72	52.73	53.70	0.97	3921.84
MW - 6	11/10/05	3974.72	52.68	53.99	1.31	3921.84
MW - 6	11/16/05	3974.72	52.79	53.50	0.71	3921.82
MW - 6	11/23/05	3974.72	52.80	53.45	0.65	3921.82
MW - 6	11/28/05	3974.72	52.69	53.76	1.07	3921.87
MW - 6	12/05/05	3974.72	52.80	53.53	0.73	3921.81
MW - 6	12/12/05	3974.72	52.76	53.56	0.80	3921.84
MW - 6	12/16/05	3974.72	52.97	53.56	0.59	3921.66
MW - 6	12/19/05	3974.72	52.81	53.48	0.67	3921.81
MW - 6	12/29/05	3974.72	52.79	53.53	0.74	3921.82
MW - 6	01/04/06	3974.72	52.81	53.50	0.69	3921.81
MW - 6	01/10/06	3974.72	52.72	53.50	0.78	3921.88

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	01/17/06	3974.72	52.69	53.81	1.12	3921.86
MW - 6	01/26/06	3974.72	52.68	53.83	1.15	3921.87
MW - 6	01/31/06	3974.72	52.70	53.73	1.03	3921.87
MW - 6	02/07/06	3974.72	52.73	53.60	0.87	3921.86
MW - 6	02/09/06	3974.72	52.87	53.13	0.26	3921.81
MW - 6	02/13/06	3974.72	52.73	53.51	0.78	3921.87
MW - 6	02/22/06	3974.72	52.76	53.29	0.53	3921.88
MW - 6	02/28/06	3974.72	52.75	53.28	0.53	3921.89
MW - 6	03/07/06	3974.72	52.79	53.25	0.46	3921.86
MW - 6	03/15/06	3974.72	52.72	53.37	0.65	3921.90
MW - 6	03/20/06	3974.72	52.71	53.30	0.59	3921.92
MW - 6	03/22/06	3974.72	52.94	52.95	0.01	3921.78
MW - 6	03/29/06	3974.72	52.78	52.99	0.21	3921.91
MW - 6	04/11/06	3974.72	52.72	53.17	0.45	3921.93
MW - 6	04/18/06	3974.72	52.72	53.15	0.43	3921.94
MW - 6	04/25/06	3974.72	52.79	52.93	0.14	3921.91
MW - 6	05/02/06	3974.72	52.74	53.10	0.36	3921.93
MW - 6	05/09/06	3974.72	52.72	53.03	0.31	3921.95
MW - 6	05/16/06	3974.72	52.72	53.20	0.48	3921.93
MW - 6	05/23/06	3974.72	52.74	53.15	0.41	3921.92
MW - 6	05/31/06	3974.72	52.71	53.13	0.42	3921.95
MW - 6	06/06/06	3974.72	52.71	53.10	0.39	3921.95
MW - 6	06/13/06	3974.72	52.70	53.11	0.41	3921.96
MW - 6	06/20/06	3974.72	52.71	53.13	0.42	3921.95
MW - 6	06/21/06	3974.72	52.75	53.07	0.32	3921.92
MW - 6	07/06/06	3974.72	52.68	53.31	0.63	3921.95
MW - 6	07/12/06	3974.72	52.66	53.46	0.80	3921.94
MW - 6	07/20/06	3974.72	52.65	53.27	0.62	3921.98
MW - 6	07/25/06	3974.72	52.65	53.40	0.75	3921.96
MW - 6	08/01/06	3974.72	52.68	53.34	0.66	3921.94
MW - 6	08/16/06	3974.72	52.65	53.54	0.89	3921.94
MW - 6	08/23/06	3974.72	52.67	53.42	0.75	3921.94
MW - 6	08/28/06	3974.72	52.73	53.23	0.50	3921.92
MW - 6	09/12/06	3974.72	52.25	53.52	1.27	3922.28
MW - 6	09/22/06	3974.72	53.15	54.00	0.85	3921.44
MW - 6	09/27/06	3974.72	52.67	53.18	0.51	3921.97
MW - 6	10/06/06	3974.72	52.61	53.54	0.93	3921.97
MW - 6	10/10/06	3974.72	52.70	53.20	0.50	3921.95
MW - 6	10/16/06	3974.72	52.69	53.21	0.52	3921.95
MW - 6	10/26/06	3974.72	52.65	53.40	0.75	3921.96
MW - 6	11/03/06	3974.72	52.64	53.30	0.66	3921.98
MW - 6	11/09/06	3974.72	52.65	53.25	0.60	3921.98
MW - 6	11/16/06	3974.72	52.68	53.21	0.53	3921.96

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	11/22/06	3974.72	52.67	53.17	0.50	3921.98
MW - 6	12/04/06	3974.72	52.63	53.39	0.76	3921.98
MW - 6	12/08/06	3974.72	52.59	53.49	0.90	3922.00
MW - 6	12/15/06	3974.72	52.64	53.23	0.59	3921.99
MW - 6	01/05/07	3974.72	52.53	53.63	1.10	3922.03
MW - 6	01/12/07	3974.72	52.63	53.23	0.60	3922.00
MW - 6	01/18/07	3974.72	52.66	53.19	0.53	3921.98
MW - 6	01/24/07	3974.72	52.65	53.17	0.52	3921.99
MW - 6	01/29/07	3974.72	52.65	53.14	0.49	3922.00
MW - 6	02/09/07	3974.72	52.61	53.28	0.67	3922.01
MW - 6	02/16/07	3974.72	52.62	53.24	0.62	3922.01
MW - 6	02/23/07	3974.72	52.60	53.13	0.53	3922.04
MW - 6	03/02/07	3974.72	52.57	53.40	0.83	3922.03
MW - 6	03/14/07	3974.72	52.60	53.16	0.56	3922.04
MW - 6	03/26/07	3974.72	52.57	53.33	0.76	3922.04
MW - 6	04/03/07	3974.72	52.55	53.42	0.87	3922.04
MW - 6	04/09/07	3974.72	52.60	53.21	0.61	3922.03
MW - 6	04/26/07	3974.72	52.51	53.52	1.01	3922.06
MW - 6	04/30/07	3974.72	52.61	54.03	1.42	3921.90
MW - 6	05/11/07	3974.72	52.55	53.26	0.71	3922.06
MW - 6	05/16/07	3974.72	52.62	53.00	0.38	3922.04
MW - 6	05/22/07	3974.72	52.60	53.09	0.49	3922.05
MW - 6	05/29/07	3974.72	52.57	53.14	0.57	3922.06
MW - 6	06/01/07	3974.72	52.56	53.26	0.70	3922.06
MW - 6	06/08/07	3974.72	52.56	53.11	0.55	3922.08
MW - 6	06/11/07	3974.72	52.57	52.95	0.38	3922.09
MW - 6	06/20/07	3974.72	52.55	53.20	0.65	3922.07
MW - 6	07/10/07	3974.72	52.51	53.31	0.80	3922.09
MW - 6	07/11/07	3974.72	52.14	53.50	1.36	3922.38
MW - 6	07/25/07	3974.72	52.52	53.25	0.73	3922.09
MW - 6	08/01/07	3974.72	52.54	53.14	0.60	3922.09
MW - 6	08/10/07	3974.72	52.54	53.14	0.60	3922.09
MW - 6	08/15/07	3974.72	52.56	53.00	0.44	3922.09
MW - 6	08/30/07	3974.72	52.49	53.32	0.83	3922.11
MW - 6	08/31/07	3974.72	52.49	53.22	0.73	3922.12
MW - 6	09/10/07	3974.72	52.45	53.60	1.15	3922.10
MW - 6	09/19/07	3974.72	52.43	53.60	1.17	3922.11
MW - 6	10/01/07	3974.72	52.53	53.29	0.76	3922.08
MW - 6	10/19/07	3974.72	52.45	53.60	1.15	3922.10
MW - 6	11/12/07	3974.72	52.41	53.50	1.09	3922.15
MW - 6	03/07/08	3974.72	52.36	53.65	1.29	3922.17
MW - 6	3/12/08 #1	3974.72	52.36	53.65	1.29	3922.17
MW - 6	3/12/08#2	3974.72	52.50	52.67	0.17	3922.19

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	3/20/2008 #1	3974.72	52.45	53.09	0.64	3922.17
MW - 6	3/20/08#2	3974.72	52.42	53.12	0.70	3922.20
MW - 6	3/23/08 #1	3974.72	52.43	53.02	0.59	3922.20
MW - 6	3/23/08 #2	3974.72	52.51	52.61	0.10	3922.20
MW - 6	4/2/08 #1	3974.72	52.50	52.98	0.48	3922.15
MW - 6	4/2/08 #2	3974.72	52.49	52.72	0.23	3922.20
MW - 6	4/9/08 #1	3974.72	52.41	52.95	0.54	3922.23
MW - 6	4/9/08 #2	3974.72	52.48	52.65	0.17	3922.21
MW - 6	04/16/08	3974.72	52.42	52.97	0.55	3922.22
MW - 6	04/23/08	3974.72	52.44	52.91	0.47	3922.21
MW - 6	04/30/08	3974.72	52.42	52.93	0.51	3922.22
MW - 6	05/29/08	3974.72	52.39	52.96	0.57	3922.24
MW - 6	06/02/08	3974.72	52.42	52.82	0.40	3922.24
MW - 6	06/03/08	3974.72	52.42	52.82	0.40	3922.24
MW - 6	06/11/08	3974.72	52.40	52.99	0.59	3922.23
MW - 6	06/18/08	3974.72	52.43	52.89	0.46	3922.22
MW - 6	06/23/08	3974.72	52.42	52.79	0.37	3922.24
MW - 6	07/01/08	3974.72	52.41	52.97	0.56	3922.23
MW - 6	07/09/08	3974.72	52.42	52.95	0.53	3922.22
MW - 6	07/15/08	3974.72	52.42	52.85	0.43	3922.24
MW - 6	07/22/08	3974.72	52.38	53.00	0.62	3922.25
MW - 6	08/02/08	3974.72	52.36	53.10	0.74	3922.25
MW - 6	08/13/08	3974.72	52.36	53.18	0.82	3922.24
MW - 6	09/03/08	3974.72	52.29	53.47	1.18	3922.25
MW - 6	09/11/08	3974.72	52.41	52.91	0.50	3922.24
MW - 6	09/19/08	3974.72	52.40	52.89	0.49	3922.25
MW - 6	09/26/08	3974.72	52.38	52.92	0.54	3922.26
MW - 6	10/10/08	3974.72	52.39	52.91	0.52	3922.25
MW - 6	10/17/08	3974.72	52.41	52.81	0.40	3922.25
MW - 6	10/21/08	3974.72	52.42	52.74	0.32	3922.25
MW - 6	10/30/08	3974.72	52.38	52.90	0.52	3922.26
MW - 6	11/04/08	3974.72	52.42	52.78	0.36	3922.25
MW - 6	11/18/08	3974.72	52.37	53.05	0.68	3922.25
MW - 6	11/25/08	3974.72	52.40	52.87	0.47	3922.25
MW - 6	11/25/08	3974.72	-	52.80	0.00	3921.92
MW - 6	12/10/08	3974.72	52.33	53.09	0.76	3922.28
MW - 6	12/18/08	3974.72	52.31	53.19	0.88	3922.28
MW - 6	01/06/09	3974.72	52.32	53.17	0.85	3922.27
MW - 6	01/14/09	3974.72	52.41	52.97	0.56	3922.23
MW - 6	01/21/09	3974.72	52.41	52.79	0.38	3922.25
MW - 6	01/22/09	3974.72	52.38	52.73	0.35	3922.29
MW - 6	01/30/09	3974.72	52.38	52.82	0.44	3922.27
MW - 6	02/03/09	3974.72	52.40	52.71	0.31	3922.27

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	02/12/09	3974.72	52.39	52.90	0.51	3922.25
MW - 6	02/19/09	3974.72	52.39	52.94	0.55	3922.25
MW - 6	03/04/09	3974.72	52.42	52.96	0.54	3922.22
MW - 6	03/06/09	3974.72	52.31	53.03	0.72	3922.30
MW - 6	03/11/09	3974.72	52.37	52.82	0.45	3922.28
MW - 6	03/16/09	3974.72	52.45	53.00	0.55	3922.19
MW - 6	03/19/09	3974.72	52.37	52.79	0.42	3922.29
MW - 6	03/24/09	3974.72	52.29	52.81	0.52	3922.35
MW - 6	04/03/09	3974.72	52.31	53.01	0.70	3922.31
MW - 6	04/15/09	3974.72	52.28	53.12	0.84	3922.31
MW - 6	04/17/09	3974.72	52.39	52.63	0.24	3922.29
MW - 6	04/22/09	3974.72	52.31	53.00	0.69	3922.31
MW - 6	04/29/09	3974.72	52.34	52.82	0.48	3922.31
MW - 6	05/20/09	3974.72	52.32	52.95	0.63	3922.31
MW - 6	05/20/09	3974.72	52.32	52.95	0.63	3922.31
MW - 6	06/09/09	3974.72	52.29	52.95	0.66	3922.33
MW - 6	06/17/09	3974.72	52.35	52.80	0.45	3922.30
MW - 6	06/23/09	3974.72	52.32	53.00	0.68	3922.30
MW - 6	07/01/09	3974.72	52.33	52.82	0.49	3922.32
MW - 6	07/08/09	3974.72	52.38	52.67	0.29	3922.30
MW - 6	07/15/09	3974.72	52.35	52.68	0.33	3922.32
MW - 6	07/17/09	3974.72	52.39	52.65	0.26	3922.29
MW - 6	07/23/09	3974.72	52.38	52.65	0.27	3922.30
MW - 6	07/24/09	3974.72	52.40	52.50	0.10	3922.31
MW - 6	07/30/09	3974.72	52.36	52.61	0.25	3922.32
MW - 6	08/04/09	3974.72	52.38	52.62	0.24	3922.30
MW - 6	08/12/09	3974.72	52.35	52.73	0.38	3922.31
MW - 6	08/20/09	3974.72	52.30	52.83	0.53	3922.34
MW - 6	08/26/09	3974.72	52.31	52.96	0.65	3922.31
MW - 6	09/02/09	3974.72	52.35	52.72	0.37	3922.31
MW - 6	09/09/09	3974.72	52.36	52.64	0.28	3922.32
MW - 6	09/14/09	3974.72	52.37	52.63	0.26	3922.31
MW - 6	09/21/09	3974.72	52.36	52.69	0.33	3922.31
MW - 6	10/01/09	3974.72	52.38	52.75	0.37	3922.28
MW - 6	10/08/09	3974.72	52.38	52.75	0.37	3922.28
MW - 6	10/14/09	3974.72	52.38	52.67	0.29	3922.30
MW - 6	10/21/09	3974.72	52.31	52.88	0.57	3922.32
MW - 6	10/28/09	3974.72	52.34	52.67	0.33	3922.33
MW - 6	11/04/09	3974.72	52.36	52.62	0.26	3922.32
MW - 6	11/11/09	3974.72	52.32	52.60	0.28	3922.36
MW - 6	11/18/09	3974.72	52.35	52.65	0.30	3922.33
MW - 6	11/25/09	3974.72	52.36	52.68	0.32	3922.31
MW - 6	12/02/09	3974.72	52.36	52.65	0.29	3922.32

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	12/10/09	3974.72	52.35	52.66	0.31	3922.32
MW - 6	12/17/09	3974.72	52.41	52.68	0.27	3922.27
MW - 6	12/21/09	3974.72	52.36	52.54	0.18	3922.33
MW - 6	12/30/09	3974.72	52.40	52.79	0.39	3922.26
MW - 6	01/07/10	3974.72	52.35	52.55	0.20	3922.34
MW - 6	01/18/10	3974.72	52.40	52.52	0.12	3922.30
MW - 6	02/02/10	3974.72	52.29	52.86	0.57	3922.34
MW - 6	02/11/10	3974.72	52.30	52.61	0.31	3922.37
MW - 6	02/18/10	3974.72	52.30	52.68	0.38	3922.36
MW - 6	02/25/10	3974.72	52.41	52.61	0.20	3922.28
MW - 6	03/02/10	3974.72	52.43	52.58	0.15	3922.27
MW - 6	03/04/10	3974.72	52.46	52.56	0.10	3922.25
MW - 6	03/10/10	3974.72	52.37	52.53	0.16	3922.33
MW - 6	03/12/10	3974.72	52.43	52.56	0.13	3922.27
MW - 6	03/15/10	3974.72	52.36	52.50	0.14	3922.34
MW - 6	03/18/10	3974.72	52.35	52.46	0.11	3922.35
MW - 6	03/22/10	3974.72	52.41	52.54	0.13	3922.29
MW - 6	03/24/10	3974.72	sheen	52.54	0	3922.18
MW - 6	03/30/10	3974.72	sheen	52.55	0	3922.17
MW - 6	04/07/10	3974.72	sheen	52.53	0	3922.19
MW - 6	04/12/10	3974.72	sheen	52.41	0	3922.31
MW - 6	04/16/10	3974.72	sheen	52.89	0	3921.83
MW - 6	04/20/10	3974.72	sheen	53.00	0	3921.72
MW - 6	04/27/10	3974.72	sheen	52.84	0	3921.88
MW - 6	04/30/10	3974.72	sheen	52.82	0	3921.90
MW - 6	05/12/10	3974.72	sheen	52.74	0	3921.98
MW - 6	05/14/10	3974.72	sheen	52.84	0	3921.88
MW - 6	05/17/10	3974.72	sheen	52.96	0	3921.76
MW - 6	05/20/10	3974.72	sheen	52.73	0	3921.99
MW - 6	05/25/10	3974.72	sheen	52.57	0	3922.15
MW - 6	06/01/10	3974.72	sheen	52.28	0	3922.44
MW - 6	06/09/10	3974.72	sheen	52.60	0	3922.12
MW - 6	06/16/10	3974.72	sheen	52.56	0	3922.16
MW - 6	06/28/10	3974.72	sheen	52.63	0	3922.09
MW - 6	07/09/10	3974.72	sheen	52.54	0	3922.18
MW - 6	07/14/10	3974.72	sheen	52.36	0	3922.36
MW - 6	07/23/10	3974.72	sheen	52.42	0	3922.30
MW - 6	07/29/10	3974.72	sheen	52.43	0	3922.29
MW - 6	08/05/10	3974.72	sheen	52.40	0	3922.32
MW - 6	08/12/10	3974.72	sheen	52.46	0	3922.26
MW - 6	08/16/10	3974.72	sheen	52.46	0	3922.26
MW - 6	08/18/10	3974.72	sheen	52.35	0	3922.37
MW - 6	08/25/10	3974.72	sheen	52.42	0	3922.30

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	09/02/10	3974.72	sheen	52.29	0	3922.43
MW - 6	09/08/10	3974.72	sheen	52.46	0	3922.26
MW - 6	09/30/10	3974.72	sheen	52.37	0	3922.35
MW - 6	10/07/10	3974.72	sheen	52.45	0	3922.27
MW - 6	10/14/10	3974.72	sheen	52.75	0	3921.97
MW - 6	10/21/10	3974.72	sheen	52.73	0	3921.99
MW - 6	11/04/10	3974.72	sheen	52.35	0	3922.37
MW - 6	11/10/10	3974.72	sheen	52.73	0	3921.99
MW - 6	12/01/10	3974.72	sheen	52.41	0	3922.31
MW - 6	12/08/10	3974.72	sheen	52.44	0	3922.28
MW - 6	01/26/10	3974.72	sheen	52.45	0	3922.27
MW - 6	02/28/11	3974.72	-	52.72	0	3922.00
MW - 6	03/04/11	3974.72	52.41	52.45	0.04	3922.30
MW - 6	03/09/11	3974.72	52.52	52.58	0	3922.14
MW - 6	04/28/11	3974.72	52.38	52.47	0.09	3922.33
MW - 6	05/04/11	3974.72	52.35	52.4	0.05	3922.36
MW - 6	05/11/11	3974.72	52.46	52.49	0.03	3922.26
MW - 6	05/12/11	3974.72	-	52.44	0	3922.28
MW - 6	05/18/11	3974.72	-	52.35	0	3922.37
MW - 6	05/23/11	3974.72	52.29	52.49	0.2	3922.40
MW - 6	06/08/11	3974.72	-	52.51	0	3922.21
MW - 6	06/16/11	3974.72	52.3	52.41	0.11	3922.40
MW - 6	06/22/11	3974.72	52.32	52.41	0.09	3922.39
MW - 6	06/30/11	3974.72	52.4	52.64	0.24	3922.28
MW - 6	07/06/11	3974.72	-	52.37	0	3922.35
MW - 6	07/13/11	3974.72	-	52.4	0	3922.32
MW - 6	07/15/11	3974.72	-	52.46	0	3922.26
MW - 6	07/19/11	3974.72	-	52.46	0	3922.26
MW - 6	07/21/11	3974.72	-	52.38	0	3922.34
MW - 6	07/26/11	3974.72	-	52.43	0	3922.29
MW - 6	07/28/11	3974.72	-	52.42	0	3922.30
MW - 6	08/02/11	3974.72	-	52.64	0	3922.08
MW - 6	08/09/11	3974.72	-	52.48	0	3922.24
MW - 6	08/12/11	3974.72	-	52.60	0	3922.12
MW - 6	08/15/11	3974.72	-	52.60	0	3922.12
MW - 6	08/16/11	3974.72	-	52.42	0	3922.30
MW - 6	08/19/11	3974.72	-	52.50	0	3922.22
MW - 6	08/23/11	3974.72	-	52.55	0	3922.17
MW - 6	08/26/11	3974.72	-	52.57	0	3922.15
MW - 6	08/30/11	3974.72	-	52.38	0	3922.34
MW - 6	09/01/11	3974.72	-	52.42	0	3922.30
MW - 6	09/08/11	3974.72	-	52.64	0	3922.08
MW - 6	09/13/11	3974.72	-	52.54	0	3922.18

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	09/15/11	3974.72	-	52.60	0	3922.12
MW - 6	09/22/11	3974.72	-	52.46	0	3922.26
MW - 6	10/06/11	3974.72	-	52.46	0	3922.26
MW - 6	10/11/11	3974.72	-	52.45	0	3922.27
MW - 6	10/13/11	3974.72	52.60	52.64	0.04	3922.11
MW - 6	10/26/11	3974.72	52.41	52.64	0.23	3922.28
MW - 6	11/22/11	3974.72	-	52.57	0	3922.15
MW - 7	03/02/00	3974.6	-	53.17	0	3921.43
MW - 7	04/25/00	3974.6	-	53.23	0	3921.37
MW - 7	09/06/00	3974.6	-	53.28	0	3921.32
MW - 7	11/28/00	3974.6	-	53.28	0	3921.32
MW - 7	02/21/01	3974.6	-	53.18	0	3921.42
MW - 7	05/31/01	3974.6	-	53.15	0	3921.45
MW - 7	08/23/01	3974.6	-	53.14	0	3921.46
MW - 7	11/21/01	3974.6	-	53.19	0	3921.41
MW - 7	02/13/02	3974.6	-	53.22	0	3921.38
MW - 7	06/12/02	3974.6	-	53.18	0	3921.42
MW - 7	08/26/02	3974.6	-	53.19	0	3921.41
MW - 7	11/21/02	3974.6	-	53.23	0	3921.37
MW - 7	02/05/03	3974.6	-	53.2	0	3921.40
MW - 7	05/07/03	3974.6	-	53.18	0	3921.42
MW - 7	08/18/03	3974.6	-	53.21	0	3921.39
MW - 7	12/01/03	3974.6	-	53.24	0	3921.36
MW - 7	02/05/04	3974.6	-	53.27	0	3921.33
MW - 7	05/05/04	3974.6	-	53.22	0	3921.38
MW - 7	09/01/04	3974.6	-	53.3	0	3921.30
MW - 7	12/15/04	3974.6	-	53.25	0	3921.35
MW - 7	03/22/05	3974.6	-	53.03	0	3921.57
MW - 7	06/22/05	3974.6	-	52.95	0	3921.65
MW - 7	09/21/05	3974.6	-	52.87	0	3921.73
MW - 7	12/16/05	3974.6	-	52.8	0	3921.80
MW - 7	03/20/06	3974.6	-	52.73	0	3921.87
MW - 7	06/21/06	3974.6	-	52.69	0	3921.91
MW - 7	09/27/06	3974.6	-	52.67	0	3921.93
MW - 7	12/04/06	3974.6	-	52.68	0	3921.92
MW - 7	03/14/07	3974.6	-	52.64	0	3921.96
MW - 7	05/29/07	3974.6	-	52.61	0	3921.99
MW - 7	08/30/07	3974.6	-	52.58	0	3922.02
MW - 7	11/12/07	3974.6	-	52.54	0	3922.06
MW - 7	03/07/08	3974.6	-	52.49	0	3922.11
MW - 7	06/02/08	3974.6	-	52.43	0	3922.17
MW - 7	09/03/08	3974.6	-	52.44	0	3922.16

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	12/08/08	3974.6	-	52.41	0	3922.19
MW - 7	02/19/09	3974.6	-	52.41	0	3922.19
MW - 7	05/20/09	3974.6	-	52.35	0	3922.25
MW - 7	08/12/09	3974.6	-	52.34	0	3922.26
MW - 7	11/25/09	3974.6	-	52.34	0	3922.26
MW - 7	01/07/10	3974.6	-	52.33	0	3922.27
MW - 7	02/11/10	3974.6	-	52.31	0	3922.29
MW - 7	05/17/10	3974.6	-	52.39	0	3922.21
MW - 7	08/16/10	3974.6	-	52.4	0	3922.20
MW - 7	11/10/10	3974.6	-	52.39	0	3922.21
MW - 7	02/28/11	3974.6	-	53.42	0	3921.18
MW - 7	05/12/11	3974.6	-	52.31	0	3922.29
MW - 7	08/15/11	3974.6	-	52.42	0	3922.18
MW - 7	11/22/11	3974.6	-	52.37	0	3922.23
MW - 8	03/02/00	3974.48	-	52.89	0	3921.59
MW - 8	04/25/00	3974.48	-	52.96	0	3921.52
MW - 8	09/06/00	3974.48	-	53.00	0	3921.48
MW - 8	11/28/00	3974.48	-	53.00	0	3921.48
MW - 8	02/21/01	3974.48	-	52.90	0	3921.58
MW - 8	05/31/01	3974.48	-	52.85	0	3921.63
MW - 8	08/23/01	3974.48	-	52.87	0	3921.61
MW - 8	11/21/01	3974.48	-	52.92	0	3921.56
MW - 8	02/13/02	3974.48	-	52.96	0	3921.52
MW - 8	06/12/02	3974.48	-	52.93	0	3921.55
MW - 8	08/26/02	3974.48	-	52.92	0	3921.56
MW - 8	11/21/02	3974.48	-	52.98	0	3921.50
MW - 8	02/05/03	3974.48	-	52.9	0	3921.58
MW - 8	05/07/03	3974.48	-	52.89	0	3921.59
MW - 8	08/18/03	3974.48	-	52.96	0	3921.52
MW - 8	12/01/03	3974.48	-	53	0	3921.48
MW - 8	02/05/04	3974.48	-	52.99	0	3921.49
MW - 8	05/05/04	3974.48	-	52.98	0	3921.50
MW - 8	09/01/04	3974.48	-	53.05	0	3921.43
MW - 8	12/15/04	3974.48	-	53	0	3921.48
MW - 8	03/22/05	3974.48	-	52.8	0	3921.68
MW - 8	06/22/05	3974.48	-	52.68	0	3921.80
MW - 8	09/14/05	PLUGGED & ABANDONED				0.00
MW - 9	03/02/00	3975.06	53.07	54.26	1.19	3921.81
MW - 9	04/25/00	3975.06	53.11	54.34	1.23	3921.77
MW - 9	09/06/00	3975.06	53.04	55.02	1.98	3921.72
MW - 9	11/28/00	3975.06	53.13	54.90	1.77	3921.66

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 9	02/02/01	3975.06	53.14	54.19	1.05	3921.76
MW - 9	05/31/01	3975.06	53.08	54.81	1.73	3921.72
MW - 9	08/23/01	3975.06	52.88	55.30	2.42	3921.82
MW - 9	11/21/01	3975.06	53.15	54.20	1.05	3921.75
MW - 9	02/13/02	3975.06	52.86	55.73	2.87	3921.77
MW - 9	06/12/02	3975.06	52.82	55.67	2.85	3921.81
MW - 9	08/26/02	3975.06	52.83	55.70	2.87	3921.80
MW - 9	11/08/02	3975.06	52.90	55.81	2.91	3921.72
MW - 9	11/21/02	3975.06	52.90	55.77	2.87	3921.73
MW - 9	12/27/02	3975.06	53.13	54.68	1.55	3921.70
MW - 9	01/06/03	3975.06	53.07	54.97	1.90	3921.71
MW - 9	01/08/03	3975.06	53.04	55.02	1.98	3921.72
MW - 9	01/10/03	3975.06	53.03	55.09	2.06	3921.72
MW - 9	01/13/03	3975.06	53.03	55.09	2.06	3921.72
MW - 9	02/05/03	3975.06	52.96	55.30	2.34	3921.75
MW - 9	02/26/03	3975.06	52.96	55.52	2.56	3921.72
MW - 9	03/04/03	3975.06	52.96	55.56	2.60	3921.71
MW - 9	03/12/03	3975.06	52.94	55.46	2.52	3921.74
MW - 9	03/18/03	3975.06	53.02	57.71	4.69	3921.34
MW - 9	03/25/03	3975.06	53.37	53.40	0.03	3921.69
MW - 9	03/31/03	3975.06	53.36	53.39	0.03	3921.70
MW - 9	04/09/03	3975.06	53.31	53.72	0.41	3921.69
MW - 9	04/14/03	3975.06	53.28	53.40	0.12	3921.76
MW - 9	05/07/03	3975.06	53.07	54.49	1.42	3921.78
MW - 9	05/08/03	3975.06	53.04	54.59	1.55	3921.79
MW - 9	05/13/03	3975.06	53.18	54.84	1.66	3921.63
MW - 9	05/21/03	3975.06	53.08	54.97	1.89	3921.70
MW - 9	05/27/03	3975.06	53.07	55.10	2.03	3921.69
MW - 9	05/28/03	3975.06	53.11	55.35	2.24	3921.61
MW - 9	06/03/03	3975.06	53.34	54.20	0.86	3921.59
MW - 9	06/10/03	3975.06	53.40	53.46	0.06	3921.65
MW - 9	07/01/03	3975.06	53.48	53.97	0.49	3921.51
MW - 9	07/08/03	3975.06	53.38	53.94	0.56	3921.60
MW - 9	07/29/03	3975.06	53.12	54.49	1.37	3921.73
MW - 9	08/04/03	3975.06	53.32	54.96	1.64	3921.49
MW - 9	08/18/03	3975.06	53.31	54.09	0.78	3921.63
MW - 9	08/25/03	3975.06	53.29	55.42	2.13	3921.45
MW - 9	10/01/03	3975.06	53.18	53.41	0.23	3921.85
MW - 9	10/06/03	3975.06	53.30	53.86	0.56	3921.68
MW - 9	10/08/03	3975.06	53.60	54.33	0.73	3921.35
MW - 9	10/15/03	3975.06	53.64	54.02	0.38	3921.36
MW - 9	11/12/03	3975.06	53.61	54.98	1.37	3921.24
MW - 9	11/19/03	3975.06	53.51	55.20	1.69	3921.30

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 9	12/01/03	3975.06	53.54	55.31	1.77	3921.25
MW - 9	12/10/03	3975.06	53.21	54.93	1.72	3921.59
MW - 9	02/05/04	3975.06	53.60	55.27	1.67	3921.21
MW - 9	02/17/04	3975.06	53.33	54.62	1.29	3921.54
MW - 9	02/25/04	3975.06	53.62	55.29	1.67	3921.19
MW - 9	03/09/04	3975.06	53.41	55.55	2.14	3921.33
MW - 9	03/16/04	3975.06	53.28	55.11	1.83	3921.51
MW - 9	03/22/04	3975.06	53.41	53.89	0.48	3921.58
MW - 9	04/07/04	3975.06	53.73	53.81	0.08	3921.32
MW - 9	04/12/04	3975.06	53.55	53.96	0.41	3921.45
MW - 9	04/19/04	3975.06	53.69	53.86	0.17	3921.34
MW - 9	05/05/04	3975.06	53.50	54.22	0.72	3921.45
MW - 9	05/11/04	3975.06	53.60	54.98	1.38	3921.25
MW - 9	06/07/04	3975.06	53.10	54.64	1.54	3921.73
MW - 9	06/15/04	3975.06	53.11	54.69	1.58	3921.71
MW - 9	06/20/04	3975.06	53.11	54.69	1.58	3921.71
MW - 9	06/21/04	3975.06	53.08	54.57	1.49	3921.76
MW - 9	06/28/04	3975.06	53.08	54.86	1.78	3921.71
MW - 9	07/08/04	3975.06	53.09	54.79	1.70	3921.72
MW - 9	07/12/04	3975.06	53.10	54.81	1.71	3921.70
MW - 9	08/12/04	3975.06	53.26	54.66	1.40	3921.59
MW - 9	08/17/04	3975.06	53.27	54.85	1.58	3921.55
MW - 9	08/26/04	3975.06	53.38	54.30	0.92	3921.54
MW - 9	09/01/04	3975.06	53.44	54.08	0.64	3921.52
MW - 9	09/03/04	3975.06	53.44	53.99	0.55	3921.54
MW - 9	09/08/04	3975.06	53.38	54.40	1.02	3921.53
MW - 9	09/14/04	3975.06	53.44	54.13	0.69	3921.52
MW - 9	09/22/04	3975.06	53.51	54.20	0.69	3921.45
MW - 9	10/01/04	3975.06	53.36	54.50	1.14	3921.53
MW - 9	10/08/04	3975.06	53.53	54.11	0.58	3921.44
MW - 9	10/15/04	3975.06	53.35	54.36	1.01	3921.56
MW - 9	10/22/04	3975.06	53.50	54.19	0.69	3921.46
MW - 9	11/12/04	3975.06	53.62	54.40	0.78	3921.32
MW - 9	11/26/04	3975.06	53.45	54.50	1.05	3921.45
MW - 9	12/02/04	3975.06	53.43	54.39	0.96	3921.49
MW - 9	12/06/04	3975.06	53.42	54.10	0.68	3921.54
MW - 9	12/13/04	3975.06	53.43	54.00	0.57	3921.54
MW - 9	12/15/04	3975.06	53.43	54.00	0.57	3921.54
MW - 9	12/27/04	3975.06	53.40	54.30	0.90	3921.53
MW - 9	01/10/05	3975.06	53.34	53.81	0.47	3921.65
MW - 9	01/18/05	3975.06	53.30	53.90	0.60	3921.67
MW - 9	01/25/05	3975.06	53.25	54.05	0.80	3921.69
MW - 9	01/27/05	3975.06	53.33	53.51	0.18	3921.70

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 9	02/01/05	3975.06	53.22	53.66	0.44	3921.77
MW - 9	02/07/05	3975.06	53.19	53.60	0.41	3921.81
MW - 9	02/11/05	3975.06	53.20	53.59	0.39	3921.80
MW - 9	02/15/05	3975.06	53.05	53.55	0.50	3921.94
MW - 9	02/22/05	3975.06	53.20	53.59	0.39	3921.80
MW - 9	02/24/05	3975.06	53.05	53.70	0.65	3921.91
MW - 9	03/03/05	3975.06	53.13	53.78	0.65	3921.83
MW - 9	03/09/05	3975.06	53.13	53.78	0.65	3921.83
MW - 9	03/22/05	3975.06	52.90	53.85	0.95	3922.02
MW - 9	03/24/05	3975.06	52.90	53.85	0.95	3922.02
MW - 9	03/31/05	3975.06	52.92	53.76	0.84	3922.01
MW - 9	06/22/05	3975.06	53.82	54.18	0.36	3921.19
MW - 9	07/21/05	3975.06	52.94	53.55	0.61	3922.03
MW - 9	08/03/05	3975.06	52.87	53.86	0.99	3922.04
MW - 9	08/12/05	3975.06	52.92	53.63	0.71	3922.03
MW - 9	08/15/05	3975.06	52.92	53.48	0.56	3922.06
MW - 9	08/22/05	3975.06	52.87	53.64	0.77	3922.07
MW - 9	08/30/05	3975.06	52.80	53.97	1.17	3922.08
MW - 9	09/07/05	3975.06	52.83	53.74	0.91	3922.09
MW - 9	09/14/05	3975.06	52.85	53.40	0.55	3922.13
MW - 9	09/20/05	3975.06	52.80	53.90	1.10	3922.10
MW - 9	09/21/05	3975.06	52.86	53.62	0.76	3922.09
MW - 9	09/28/05	3975.06	52.78	54.02	1.24	3922.09
MW - 9	10/06/05	3975.06	52.83	53.70	0.87	3922.10
MW - 9	10/13/05	3975.06	52.86	53.64	0.78	3922.08
MW - 9	10/20/05	3975.06	52.81	53.50	0.69	3922.15
MW - 9	10/26/05	3975.06	52.87	53.60	0.73	3922.08
MW - 9	11/03/05	3975.06	52.77	53.88	1.11	3922.12
MW - 9	11/10/05	3975.06	52.76	53.83	1.07	3922.14
MW - 9	11/16/05	3975.06	52.84	53.59	0.75	3922.11
MW - 9	11/23/05	3975.06	52.90	53.51	0.61	3922.07
MW - 9	11/28/05	3975.06	52.75	53.80	1.05	3922.15
MW - 9	12/05/05	3975.06	52.85	53.48	0.63	3922.12
MW - 9	12/12/05	3975.06	52.84	53.50	0.66	3922.12
MW - 9	12/16/05	3975.06	53.00	53.41	0.41	3922.00
MW - 9	12/19/05	3975.06	52.89	53.51	0.62	3922.08
MW - 9	12/29/05	3975.06	52.73	53.55	0.82	3922.21
MW - 9	01/04/06	3975.06	52.76	53.51	0.75	3922.19
MW - 9	01/10/06	3975.06	52.68	53.51	0.83	3922.26
MW - 9	01/17/06	3975.06	52.77	53.85	1.08	3922.13
MW - 9	01/26/06	3975.06	52.75	53.80	1.05	3922.15
MW - 9	01/31/06	3975.06	52.79	53.75	0.96	3922.13
MW - 9	02/07/06	3975.06	52.79	53.70	0.91	3922.13

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 9	02/09/06	3975.06	52.90	53.10	0.20	3922.13
MW - 9	02/13/06	3975.06	52.76	53.58	0.82	3922.18
MW - 9	02/22/06	3975.06	52.79	53.60	0.81	3922.15
MW - 9	02/28/06	3975.06	52.77	53.60	0.83	3922.17
MW - 9	03/07/06	3975.06	52.76	53.58	0.82	3922.18
MW - 9	03/15/06	3975.06	52.75	53.60	0.85	3922.18
MW - 9	03/20/06	3975.06	52.75	53.52	0.77	3922.19
MW - 9	03/22/06	3975.06	52.96	52.98	0.02	3922.10
MW - 9	03/29/06	3975.06	52.80	53.21	0.41	3922.20
MW - 9	04/11/06	3975.06	52.74	53.42	0.68	3922.22
MW - 9	04/18/06	3975.06	52.75	53.41	0.66	3922.21
MW - 9	04/25/06	3975.06	52.83	53.07	0.24	3922.19
MW - 9	05/02/06	3975.06	52.74	53.34	0.60	3922.23
MW - 9	05/09/06	3975.06	52.73	53.34	0.61	3922.24
MW - 9	05/16/06	3975.06	52.74	53.43	0.69	3922.22
MW - 9	05/23/06	3975.06	52.71	53.48	0.77	3922.23
MW - 9	05/31/06	3975.06	52.71	53.54	0.83	3922.23
MW - 9	06/06/06	3975.06	52.73	53.88	1.15	3922.16
MW - 9	06/13/06	3975.06	52.72	53.38	0.66	3922.24
MW - 9	06/20/06	3975.06	52.72	53.38	0.66	3922.24
MW - 9	06/21/06	3975.06	52.79	53.07	0.28	3922.23
MW - 9	07/06/06	3975.06	52.69	53.52	0.83	3922.25
MW - 9	07/12/06	3975.06	52.66	53.66	1.00	3922.25
MW - 9	07/20/06	3975.06	52.63	53.61	0.98	3922.28
MW - 9	07/25/06	3975.06	52.75	53.70	0.95	3922.17
MW - 9	08/01/06	3975.06	52.70	53.49	0.79	3922.24
MW - 9	08/16/06	3975.06	52.68	53.69	1.01	3922.23
MW - 9	08/23/06	3975.06	52.70	53.47	0.77	3922.24
MW - 9	08/28/06	3975.06	52.72	53.36	0.64	3922.24
MW - 9	09/12/06	3975.06	52.67	53.65	0.98	3922.24
MW - 9	09/22/06	3975.06	52.65	53.60	0.95	3922.27
MW - 9	09/27/06	3975.06	52.70	53.38	0.68	3922.26
MW - 9	10/06/06	3975.06	52.64	53.64	1.00	3922.27
MW - 9	10/10/06	3975.06	52.71	53.30	0.59	3922.26
MW - 9	10/16/06	3975.06	52.74	53.39	0.65	3922.22
MW - 9	10/26/06	3975.06	52.68	53.49	0.81	3922.26
MW - 9	11/03/06	3975.06	52.69	53.39	0.70	3922.27
MW - 9	11/09/06	3975.06	52.70	53.35	0.65	3922.26
MW - 9	11/16/06	3975.06	52.70	53.35	0.65	3922.26
MW - 9	11/22/06	3975.06	52.71	53.29	0.58	3922.26
MW - 9	12/04/06	3975.06	52.66	53.45	0.79	3922.28
MW - 9	12/08/06	3975.06	52.65	53.55	0.90	3922.28
MW - 9	12/15/06	3975.06	52.67	53.32	0.65	3922.29

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 9	01/05/07	3975.06	52.61	53.62	1.01	3922.30
MW - 9	01/12/07	3975.06	52.66	53.37	0.71	3922.29
MW - 9	01/18/07	3975.06	52.68	53.30	0.62	3922.29
MW - 9	01/24/07	3975.06	52.69	53.28	0.59	3922.28
MW - 9	01/29/07	3975.06	52.67	53.20	0.53	3922.31
MW - 9	02/09/07	3975.06	52.63	53.36	0.73	3922.32
MW - 9	02/16/07	3975.06	52.65	53.34	0.69	3922.31
MW - 9	02/23/07	3975.06	52.63	53.29	0.66	3922.33
MW - 9	03/02/07	3975.06	52.62	53.45	0.83	3922.32
MW - 9	03/14/07	3975.06	52.66	53.09	0.43	3922.34
MW - 9	03/26/07	3975.06	52.63	53.26	0.63	3922.34
MW - 9	04/03/07	3975.06	52.60	53.38	0.78	3922.34
MW - 9	04/09/07	3975.06	52.61	53.27	0.66	3922.35
MW - 9	04/26/07	3975.06	52.58	53.44	0.86	3922.35
MW - 9	04/30/07	3975.06	52.22	53.26	1.04	3922.68
MW - 9	05/11/07	3975.06	52.59	53.65	1.06	3922.31
MW - 9	05/16/07	3975.06	52.64	53.11	0.47	3922.35
MW - 9	05/22/07	3975.06	52.64	53.14	0.50	3922.35
MW - 9	05/29/07	3975.06	52.61	53.16	0.55	3922.37
MW - 9	06/01/07	3975.06	52.59	53.23	0.64	3922.37
MW - 9	06/08/07	3975.06	52.61	53.20	0.59	3922.36
MW - 9	06/11/07	3975.06	52.65	53.01	0.36	3922.36
MW - 9	06/20/07	3975.06	52.60	53.23	0.63	3922.37
MW - 9	07/10/07	3975.06	52.56	53.35	0.79	3922.38
MW - 9	07/20/07	3975.06	52.56	53.33	0.77	3922.38
MW - 9	07/25/07	3975.06	52.69	53.16	0.47	3922.30
MW - 9	08/01/07	3975.06	52.58	53.14	0.56	3922.40
MW - 9	08/10/07	3975.06	52.29	53.16	0.87	3922.64
MW - 9	08/15/07	3975.06	52.60	53.05	0.45	3922.39
MW - 9	08/30/07	3975.06	52.56	53.26	0.70	3922.40
MW - 9	08/31/07	3975.06	52.56	53.26	0.70	3922.40
MW - 9	09/10/07	3975.06	52.53	53.34	0.81	3922.41
MW - 9	09/19/07	3975.06	52.53	53.30	0.77	3922.41
MW - 9	09/27/07	3975.06	52.55	53.15	0.60	3922.42
MW - 9	10/01/07	3975.06	52.58	52.99	0.41	3922.42
MW - 9	10/19/07	3975.06	52.50	53.35	0.85	3922.43
MW - 9	10/26/07	3975.06	52.53	53.15	0.62	3922.44
MW - 9	11/12/07	3975.06	52.73	53.16	0.43	3922.27
MW - 9	11/16/07	3975.06	52.62	52.83	0.21	3922.41
MW - 9	11/29/07	3975.06	52.66	53.01	0.35	3922.35
MW - 9	12/13/07	3975.06	52.51	53.20	0.69	3922.45
MW - 9	01/10/08	3975.06	52.49	53.18	0.69	3922.47
MW - 9	01/17/08	3975.06	52.50	53.13	0.63	3922.47

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 9	01/22/08	3975.06	52.49	53.12	0.63	3922.48
MW - 9	2/6/2008 #1	3975.06	52.53	52.97	0.44	3922.46
MW - 9	02/06/08 #2	3975.06	52.50	52.66	0.16	3922.54
MW - 9	2/12/08 #1	3975.06	52.54	52.90	0.36	3922.47
MW - 9	2/12/08 #2	3975.06	52.60	52.63	0.03	3922.46
MW - 9	2/20/08 #1	3975.06	52.52	52.93	0.41	3922.48
MW - 9	2/20/08 #2	3975.06	52.58	52.68	0.10	3922.47
MW - 9	2/27/08 #1	3975.06	52.52	52.91	0.39	3922.48
MW - 9	2/27/08 #2	3975.06	52.57	52.66	0.09	3922.48
MW - 9	03/07/08	3975.06	52.52	53.00	0.48	3922.47
MW - 9	3/12/08 #1	3975.06	52.52	53.00	0.48	3922.47
MW - 9	3/12/08 #2	3975.06	52.56	52.66	0.10	3922.49
MW - 9	3/20/08 #1	3975.06	52.50	52.92	0.42	3922.50
MW - 9	3/20/08#2	3975.06	52.54	52.70	0.16	3922.50
MW - 9	3/23/08 #1	3975.06	52.49	52.89	0.40	3922.51
MW - 9	3/23/08 #2	3975.06	52.55	52.63	0.08	3922.50
MW - 9	4/2/08 #1	3975.06	52.51	52.86	0.35	3922.50
MW - 9	4/2/08 #2	3975.06	52.54	52.68	0.14	3922.50
MW - 9	4/9/08 #1	3975.06	52.48	52.87	0.39	3922.52
MW - 9	4/9/08 #2	3975.06	52.53	52.72	0.19	3922.50
MW - 9	04/16/08	3975.06	52.48	52.89	0.41	3922.52
MW - 9	04/23/08	3975.06	52.49	52.86	0.37	3922.51
MW - 9	04/30/08	3975.06	52.47	52.90	0.43	3922.53
MW - 9	05/29/08	3975.06	52.48	52.85	0.37	3922.52
MW - 9	06/02/08	3975.06	52.48	52.77	0.29	3922.54
MW - 9	06/03/08	3975.06	52.48	52.77	0.29	3922.54
MW - 9	06/11/08	3975.06	52.47	52.87	0.40	3922.53
MW - 9	06/18/08	3975.06	52.47	52.89	0.42	3922.53
MW - 9	06/23/08	3975.06	52.49	52.78	0.29	3922.53
MW - 9	07/01/08	3975.06	52.48	52.86	0.38	3922.52
MW - 9	07/09/08	3975.06	52.59	52.86	0.27	3922.43
MW - 9	07/15/08	3975.06	52.48	52.80	0.32	3922.53
MW - 9	07/22/08	3975.06	52.47	52.85	0.38	3922.53
MW - 9	08/02/08	3975.06	52.46	52.90	0.44	3922.53
MW - 9	08/13/08	3975.06	52.45	52.88	0.43	3922.55
MW - 9	09/03/08	3975.06	52.42	52.98	0.56	3922.56
MW - 9	09/11/08	3975.06	52.46	52.85	0.39	3922.54
MW - 9	09/19/08	3975.06	52.44	52.82	0.38	3922.56
MW - 9	09/26/08	3975.06	52.46	52.81	0.35	3922.55
MW - 9	10/10/08	3975.06	52.44	52.81	0.37	3922.56
MW - 9	10/17/08	3975.06	52.47	52.78	0.31	3922.54
MW - 9	10/21/08	3975.06	52.46	52.70	0.24	3922.56
MW - 9	10/30/08	3975.06	52.45	52.78	0.33	3922.56

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 9	11/04/08	3975.06	52.46	52.75	0.29	3922.56
MW - 9	11/18/08	3975.06	52.46	52.84	0.38	3922.54
MW - 9	11/25/08	3975.06	52.46	52.76	0.30	3922.56
MW - 9	12/10/08	3975.06	52.42	52.84	0.42	3922.58
MW - 9	12/18/08	3975.06	52.43	52.80	0.37	3922.57
MW - 9	01/06/09	3975.06	52.43	52.89	0.46	3922.56
MW - 9	01/14/09	3975.06	52.45	52.89	0.44	3922.54
MW - 9	01/21/09	3975.06	47.11	47.60	0.49	3927.88
MW - 9	01/22/09	3975.06	52.42	52.75	0.33	3922.59
MW - 9	01/30/09	3975.06	52.43	52.76	0.33	3922.58
MW - 9	02/03/09	3975.06	52.44	52.69	0.25	3922.58
MW - 9	02/12/09	3975.06	52.43	52.79	0.36	3922.58
MW - 9	02/19/09	3975.06	52.44	52.82	0.38	3922.56
MW - 9	03/04/09	3975.06	52.49	52.89	0.40	3922.51
MW - 9	03/06/09	3975.06	52.40	52.84	0.44	3922.59
MW - 9	03/11/09	3975.06	52.44	52.78	0.34	3922.57
MW - 9	03/16/09	3975.06	52.53	52.92	0.39	3922.47
MW - 9	03/19/09	3975.06	52.43	52.74	0.31	3922.58
MW - 9	03/24/09	3975.06	52.39	52.74	0.35	3922.62
MW - 9	04/03/09	3975.06	52.73	52.82	0.09	3922.32
MW - 9	04/15/09	3975.06	52.40	52.75	0.35	3922.61
MW - 9	04/17/09	3975.06	52.43	52.61	0.18	3922.60
MW - 9	04/22/09	3975.06	52.38	52.81	0.43	3922.62
MW - 9	04/29/09	3975.06	52.39	52.74	0.35	3922.62
MW - 9	05/20/09	3975.06	52.39	52.76	0.37	3922.61
MW - 9	05/20/09	3975.06	52.39	52.76	0.37	3922.61
MW - 9	06/09/09	3975.06	52.38	52.78	0.40	3922.62
MW - 9	06/17/09	3975.06	52.40	52.22	-0.18	3922.69
MW - 9	06/23/09	3975.06	52.36	52.83	0.47	3922.63
MW - 9	07/01/09	3975.06	52.39	52.25	-0.14	3922.69
MW - 9	07/08/09	3975.06	52.40	52.68	0.28	3922.62
MW - 9	07/15/09	3975.06	52.38	52.66	0.28	3922.64
MW - 9	07/17/09	3975.06	52.41	52.63	0.22	3922.62
MW - 9	07/23/09	3975.06	52.41	52.66	0.25	3922.61
MW - 9	07/24/09	3975.06	52.46	52.56	0.10	3922.59
MW - 9	07/30/09	3975.06	52.41	52.65	0.24	3922.61
MW - 9	08/04/09	3975.06	52.04	52.62	0.58	3922.93
MW - 9	08/12/09	3975.06	52.40	52.69	0.29	3922.62
MW - 9	08/20/09	3975.06	52.38	52.74	0.36	3922.63
MW - 9	08/26/09	3975.06	52.31	52.83	0.52	3922.67
MW - 9	09/02/09	3975.06	52.40	52.69	0.29	3922.62
MW - 9	09/09/09	3975.06	52.39	52.72	0.33	3922.62
MW - 9	09/14/09	3975.06	52.40	52.65	0.25	3922.62

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 9	09/21/09	3975.06	52.39	52.69	0.30	3922.63
MW - 9	10/01/09	3975.06	52.41	52.72	0.31	3922.60
MW - 9	10/08/09	3975.06	52.43	52.76	0.33	3922.58
MW - 9	10/14/09	3975.06	52.39	52.68	0.29	3922.63
MW - 9	10/21/09	3975.06	52.37	52.73	0.36	3922.64
MW - 9	10/28/09	3975.06	52.38	52.67	0.29	3922.64
MW - 9	11/04/09	3975.06	52.39	52.64	0.25	3922.63
MW - 9	11/11/09	3975.06	52.38	52.63	0.25	3922.64
MW - 9	11/18/09	3975.06	52.38	52.65	0.27	3922.64
MW - 9	11/25/09	3975.06	52.39	52.64	0.25	3922.63
MW - 9	12/02/09	3975.06	52.39	52.68	0.29	3922.63
MW - 9	12/10/09	3975.06	52.39	52.65	0.26	3922.63
MW - 9	12/17/09	3975.06	52.45	52.63	0.18	3922.58
MW - 9	12/21/09	3975.06	52.41	52.65	0.24	3922.61
MW - 9	12/30/09	3975.06	52.45	52.73	0.28	3922.57
MW - 9	01/07/10	3975.06	52.39	52.61	0.22	3922.64
MW - 9	01/18/10	3975.06	52.36	52.69	0.33	3922.65
MW - 9	02/02/10	3975.06	52.36	52.70	0.34	3922.65
MW - 9	02/11/10	3975.06	52.35	52.62	0.27	3922.67
MW - 9	02/18/10	3975.06	52.34	52.66	0.32	3922.67
MW - 9	02/25/10	3975.06	52.44	52.70	0.26	3922.58
MW - 9	03/02/10	3975.06	52.45	52.68	0.23	3922.58
MW - 9	03/04/10	3975.06	52.34	52.58	0.24	3922.68
MW - 9	03/10/10	3975.06	52.36	52.60	0.24	3922.66
MW - 9	03/12/10	3975.06	52.48	52.64	0.16	3922.56
MW - 9	03/15/10	3975.06	52.38	52.58	0.20	3922.65
MW - 9	03/18/10	3975.06	52.37	52.56	0.19	3922.66
MW - 9	03/22/10	3975.06	52.43	52.64	0.21	3922.60
MW - 9	03/24/10	3975.06	52.47	52.60	0.13	3922.57
MW - 9	03/30/10	3975.06	52.44	52.64	0.20	3922.59
MW - 9	04/07/10	3975.06	52.45	52.71	0.26	3922.57
MW - 9	04/12/10	3975.06	52.34	52.52	0.18	3922.69
MW - 9	04/16/10	3975.06	52.51	52.69	0.18	3922.52
MW - 9	04/20/10	3975.06	52.41	52.53	0.12	3922.63
MW - 9	04/27/10	3975.06	52.41	52.50	0.09	3922.64
MW - 9	04/30/10	3975.06	52.39	52.49	0.10	3922.66
MW - 9	05/12/10	3975.06	52.27	52.33	0.06	3922.78
MW - 9	05/14/10	3975.06	52.41	52.51	0.10	3922.64
MW - 9	05/17/10	3975.06	52.38	52.42	0.04	3922.67
MW - 9	05/20/10	3975.06	52.29	52.32	0.03	3922.77
MW - 9	05/25/10	3975.06	52.27	52.34	0.07	3922.78
MW - 9	06/01/10	3975.06	52.28	52.33	0.05	3922.77
MW - 9	06/09/10	3975.06	52.30	52.34	0.04	3922.75

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 9	06/16/10	3975.06	52.40	52.50	0.10	3922.65
MW - 9	06/28/10	3975.06	52.39	52.49	0.10	3922.66
MW - 9	07/09/10	3975.06	52.42	52.50	0.08	3922.63
MW - 9	07/14/10	3975.06	52.34	52.50	0.16	3922.70
MW - 9	07/23/10	3975.06	52.35	52.51	0.16	3922.69
MW - 9	07/29/10	3975.06	52.35	52.52	0.17	3922.68
MW - 9	08/05/10	3975.06	52.35	52.60	0.25	3922.67
MW - 9	08/12/10	3975.06	52.35	52.54	0.19	3922.68
MW - 9	08/16/10	3975.06	52.35	52.54	0.19	3922.68
MW - 9	08/18/10	3975.06	52.35	52.54	0.19	3922.68
MW - 9	08/25/10	3975.06	52.41	52.63	0.22	3922.62
MW - 9	09/02/10	3975.06	52.35	52.51	0.16	3922.69
MW - 9	09/08/10	3975.06	52.37	52.52	0.15	3922.67
MW - 9	09/30/10	3975.06	52.35	52.53	0.18	3922.68
MW - 9	10/07/10	3975.06	52.36	52.52	0.16	3922.68
MW - 9	10/14/10	3975.06	52.37	52.54	0.17	3922.66
MW - 9	10/21/10	3975.06	52.39	52.52	0.13	3922.65
MW - 9	11/04/10	3975.06	52.35	52.53	0.18	3922.68
MW - 9	11/10/10	3975.06	52.41	52.49	0.08	3922.64
MW - 9	12/01/10	3975.06	52.31	52.56	0.25	3922.71
MW - 9	12/08/10	3975.06	52.39	52.54	0.15	3922.65
MW - 9	01/26/11	3975.06	52.31	52.64	0.33	3922.70
MW - 9	02/28/11	3975.06	52.40	52.53	0.13	3922.64
MW - 9	03/04/11	3975.06	52.28	52.54	0.26	3922.74
MW - 9	03/09/11	3975.06	52.32	52.54	0.22	3922.71
MW - 9	04/28/11	3975.06	52.27	52.51	0.24	3922.75
MW - 9	05/04/11	3975.06	52.21	52.51	0.30	3922.81
MW - 9	05/11/11	3975.06	52.34	52.54	0.20	3922.69
MW - 9	05/12/11	3975.06	52.25	52.48	0.23	3922.78
MW - 9	05/18/11	3975.06	52.23	52.41	0.18	3922.80
MW - 9	05/23/11	3975.06	52.20	52.48	0.28	3922.82
MW - 9	06/08/11	3975.06	52.41	52.73	0.32	3922.60
MW - 9	06/16/11	3975.06	52.32	52.62	0.30	3922.70
MW - 9	06/22/11	3975.06	52.21	52.54	0.33	3922.80
MW - 9	06/30/11	3975.06	52.39	52.65	0.26	3922.63
MW - 9	07/06/11	3975.06	52.34	52.52	0.18	3922.69
MW - 9	07/13/11	3975.06	52.36	52.59	0.23	3922.67
MW - 9	07/15/11	3975.06	52.35	52.58	0.23	3922.68
MW - 9	07/19/11	3975.06	52.34	52.54	0.20	3922.69
MW - 9	07/21/11	3975.06	52.33	52.43	0.10	3922.72
MW - 9	07/26/11	3975.06	52.35	52.49	0.14	3922.69
MW - 9	07/28/11	3975.06	52.30	52.46	0.16	3922.74
MW - 9	08/02/11	3975.06	52.34	52.65	0.31	3922.67

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 9	08/09/11	3975.06	52.30	52.47	0.17	3922.73
MW - 9	08/12/11	3975.06	52.36	52.52	0.16	3922.68
MW - 9	08/15/11	3975.06	52.33	52.52	0.19	3922.70
MW - 9	08/16/11	3975.06	52.37	52.54	0.17	3922.66
MW - 9	08/19/11	3975.06	52.37	52.48	0.11	3922.67
MW - 9	08/23/11	3975.06	52.33	52.45	0.12	3922.71
MW - 9	08/26/11	3975.06	52.35	52.56	0.21	3922.68
MW - 9	08/30/11	3975.06	52.21	52.47	0.26	3922.81
MW - 9	09/01/11	3975.06	52.40	52.47	0.07	3922.65
MW - 9	09/08/11	3975.06	-	52.45	0.00	3922.61
MW - 9	09/13/11	3975.06	-	52.36	0.00	3922.70
MW - 9	09/15/11	3975.06	-	52.53	0.00	3922.53
MW - 9	09/22/11	3975.06	-	52.37	0.00	3922.69
MW - 9	10/06/11	3975.06	-	52.46	0.00	3922.60
MW - 9	10/11/11	3975.06	-	52.46	0.00	3922.60
MW - 9	10/13/11	3975.06	-	52.48	0.00	3922.58
MW - 9	10/26/11	3975.06	-	52.51	0.00	3922.55
MW - 9	11/22/11	3975.06	52.51	52.55	0.04	3922.54
MW - 10	03/02/00	3975.02	53.44	53.99	0.55	3921.50
MW - 10	04/25/00	3975.02	-	53.18	0	3921.84
MW - 10	09/06/00	3975.02	-	53.22	0	3921.80
MW - 10	11/28/00	3975.02	-	53.23	0	3921.79
MW - 10	02/21/01	3975.02	-	53.15	0	3921.87
MW - 10	05/31/01	3975.02	-	53.08	0	3921.94
MW - 10	08/23/01	3975.02	-	53.1	0	3921.92
MW - 10	11/21/01	3975.02	-	53.13	0	3921.89
MW - 10	02/13/02	3975.02	-	53.16	0	3921.86
MW - 10	06/12/02	3975.02	-	53.14	0	3921.88
MW - 10	08/26/02	3975.02	-	53.14	0	3921.88
MW - 10	11/21/02	3975.02	-	53.2	0	3921.82
MW - 10	02/05/03	3975.02	-	53.9	0	3921.12
MW - 10	05/07/03	3975.02	-	53.14	0	3921.88
MW - 10	08/18/03	3975.02	-	53.19	0	3921.83
MW - 10	12/01/03	3975.02	-	53.23	0	3921.79
MW - 10	02/05/04	3975.02	-	53.23	0	3921.79
MW - 10	05/05/04	3975.02	-	53.2	0	3921.82
MW - 10	09/01/04	3975.02	-	53.25	0	3921.77
MW - 10	12/15/04	3975.02	-	53.2	0	3921.82
MW - 10	03/22/05	3975.02	-	53	0	3922.02
MW - 10	06/22/05	3975.02	-	52.91	0	3922.11
MW - 10	09/21/05	3975.02	-	52.84	0	3922.18
MW - 10	12/16/05	3975.02	-	52.76	0	3922.26

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	03/20/06	3975.02	-	52.71	0	3922.31
MW - 10	06/21/06	3975.02	-	52.71	0	3922.31
MW - 10	09/27/06	3975.02	-	52.64	0	3922.38
MW - 10	12/04/06	3975.02	-	52.64	0	3922.38
MW - 10	03/14/07	3975.02	-	52.57	0	3922.45
MW - 10	05/29/07	3975.02	-	52.54	0	3922.48
MW - 10	08/30/07	3975.02	-	52.53	0	3922.49
MW - 10	11/12/07	3975.02	-	52.43	0	3922.59
MW - 10	03/07/08	3975.02	-	52.41	0	3922.61
MW - 10	06/02/08	3975.02	-	52.34	0	3922.68
MW - 10	09/03/08	3975.02	-	52.38	0	3922.64
MW - 10	12/08/08	3975.02	-	52.33	0	3922.69
MW - 10	02/19/09	3975.02	-	52.31	0	3922.71
MW - 10	05/20/09	3975.02	-	52.28	0	3922.74
MW - 10	08/12/09	3975.02	-	52.27	0	3922.75
MW - 10	11/25/09	3975.02	-	52.29	0	3922.73
MW - 10	01/07/10	3975.02	-	52.25	0	3922.77
MW - 10	02/11/10	3975.02	-	52.24	0	3922.78
MW - 10	05/17/10	3975.02	-	52.41	0	3922.61
MW - 10	08/16/10	3975.02	-	52.41	0	3922.61
MW - 10	11/10/10	3975.02	-	52.42	0	3922.60
MW - 10	02/28/11	3975.02	-	52.42	0	3922.60
MW - 10	05/12/11	3975.02	-	52.11	0	3922.91
MW - 10	08/15/11	3975.02	-	52.13	0	3922.89
MW - 10	11/22/11	3975.02	-	52.2	0	3922.82
MW - 11	03/02/00	3975.3	-	53.84	0	3921.46
MW - 11	04/25/00	3975.3	-	53.91	0	3921.39
MW - 11	09/06/00	3975.3	-	53.95	0	3921.35
MW - 11	11/28/00	3975.3	-	53.96	0	3921.34
MW - 11	02/21/01	3975.3	-	53.79	0	3921.51
MW - 11	05/31/01	3975.3	-	53.77	0	3921.53
MW - 11	08/23/01	3975.3	-	53.83	0	3921.47
MW - 11	11/21/01	3975.3	-	53.87	0	3921.43
MW - 11	02/13/02	3975.3	-	52.85	0	3922.45
MW - 11	06/12/02	3975.3	-	53.87	0	3921.43
MW - 11	08/26/02	3975.3	-	53.89	0	3921.41
MW - 11	11/21/02	3975.3	-	53.93	0	3921.37
MW - 11	02/05/03	3975.3	-	53.90	0	3921.40
MW - 11	05/07/03	3975.3	-	53.86	0	3921.44
MW - 11	08/18/03	3975.3	-	53.93	0	3921.37
MW - 11	12/01/03	3975.3	-	53.96	0	3921.34
MW - 11	02/05/04	3975.3	-	53.97	0	3921.33

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 11	05/05/04	3975.3	-	53.93	0	3921.37
MW - 11	09/01/04	3975.3	-	54.00	0	3921.30
MW - 11	12/15/04	3975.3	-	53.95	0	3921.35
MW - 11	03/22/05	3975.3	-	53.75	0	3921.55
MW - 11	06/22/05	3975.3	-	53.64	0	3921.66
MW - 11	09/21/05	3975.3	-	53.56	0	3921.74
MW - 11	12/16/05	3975.3	-	53.60	0	3921.70
MW - 11	03/20/06	3975.3	-	53.45	0	3921.85
MW - 11	06/21/06	3975.3	-	53.43	0	3921.87
MW - 11	09/27/06	3975.3	-	53.42	0	3921.88
MW - 11	12/04/06	3975.3	-	53.37	0	3921.93
MW - 11	03/14/07	3975.3	-	53.33	0	3921.97
MW - 11	05/29/07	3975.3	-	53.29	0	3922.01
MW - 11	08/30/07	3975.3	-	53.27	0	3922.03
MW - 11	11/12/07	3975.3	-	53.23	0	3922.07
MW - 11	03/07/08	3975.3	-	53.17	0	3922.13
MW - 11	06/02/08	3975.3	-	53.12	0	3922.18
MW - 11	09/03/08	3975.3	-	53.12	0	3922.18
MW - 11	12/08/08	3975.3	-	53.10	0	3922.20
MW - 11	02/19/09	3975.3	-	53.08	0	3922.22
MW - 11	05/20/09	3975.3	-	53.04	0	3922.26
MW - 11	08/12/09	3975.3	-	53.03	0	3922.27
MW - 11	11/25/09	3975.3	-	53.03	0	3922.27
MW - 11	01/07/10	3975.3	-	53.02	0	3922.28
MW - 11	02/11/10	3975.3	-	52.99	0	3922.31
MW - 11	05/17/10	3975.3	-	53.16	0	3922.14
MW - 11	08/16/10	3975.3	-	53.15	0	3922.15
MW - 11	11/10/10	3975.3	-	53.17	0	3922.13
MW - 11	02/28/11	3975.3	-	53.15	0	3922.15
MW - 11	05/12/11	3975.3	-	52.96	0	3922.34
MW - 11	08/15/11	3975.3	-	53.10	0	3922.20
MW - 11	11/22/11	3975.3	-	53.05	0	3922.25
MW - 12	03/02/00	3974.55	-	52.80	0	3921.75
MW - 12	04/25/00	3974.55	-	52.86	0	3921.69
MW - 12	09/06/00	3974.55	-	52.90	0	3921.65
MW - 12	11/28/00	3974.55	-	52.92	0	3921.63
MW - 12	02/21/01	3974.55	-	52.75	0	3921.80
MW - 12	05/31/01	3974.55	-	52.75	0	3921.80
MW - 12	08/31/01	3974.55	-	52.78	0	3921.77
MW - 12	11/21/01	3974.55	-	52.82	0	3921.73
MW - 12	02/13/02	3974.55	-	52.85	0	3921.70
MW - 12	06/12/02	3974.55	-	52.83	0	3921.72

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 12	08/26/02	3974.55	-	52.83	0	3921.72
MW - 12	11/21/02	3974.55	-	52.89	0	3921.66
MW - 12	02/05/03	3974.55	-	52.88	0	3921.67
MW - 12	05/07/03	3974.55	-	52.82	0	3921.73
MW - 12	08/18/03	3974.55	-	52.89	0	3921.66
MW - 12	12/01/03	3974.55	-	52.93	0	3921.62
MW - 12	02/05/04	3974.55	-	52.92	0	3921.63
MW - 12	05/05/04	3974.55	-	52.90	0	3921.65
MW - 12	09/01/04	3974.55	-	52.94	0	3921.61
MW - 12	12/15/04	3974.55	-	52.90	0	3921.65
MW - 12	03/22/05	3974.55	-	52.69	0	3921.86
MW - 12	06/22/05	3974.55	-	52.58	0	3921.97
MW - 12	09/21/05	3974.55	-	52.51	0	3922.04
MW - 12	12/16/05	3974.55	-	52.46	0	3922.09
MW - 12	03/20/06	3974.55	-	52.39	0	3922.16
MW - 12	06/21/06	3974.55	-	52.36	0	3922.19
MW - 12	09/27/06	3974.55	-	52.44	0	3922.11
MW - 12	12/04/06	3974.55	-	52.33	0	3922.22
MW - 12	03/14/07	3974.55	-	52.28	0	3922.27
MW - 12	05/29/07	3974.55	-	52.26	0	3922.29
MW - 12	08/30/07	3974.55	-	52.23	0	3922.32
MW - 12	11/12/07	3974.55	-	52.20	0	3922.35
MW - 12	03/07/08	3974.55	-	52.12	0	3922.43
MW - 12	06/02/08	3974.55	-	52.05	0	3922.50
MW - 12	09/03/08	3974.55	-	52.07	0	3922.48
MW - 12	12/08/08	3974.55	-	52.05	0	3922.50
MW - 12	02/19/09	3974.55	-	52.02	0	3922.53
MW - 12	05/20/09	3974.55	-	51.99	0	3922.56
MW - 12	08/12/09	3974.55	-	51.97	0	3922.58
MW - 12	11/25/09	3974.55	-	51.98	0	3922.57
MW - 12	01/07/10	3974.55	-	51.95	0	3922.60
MW - 12	02/11/10	3974.55	-	51.95	0	3922.60
MW - 12	05/17/10	3974.55	-	52.13	0	3922.42
MW - 12	08/16/10	3974.55	-	52.13	0	3922.42
MW - 12	11/10/10	3974.55	-	52.13	0	3922.42
MW - 12	02/28/11	3974.55	-	52.12	0	3922.43
MW - 12	05/12/11	3974.55	-	51.92	0	3922.63
MW - 12	08/15/11	3974.55	-	52.08	0	3922.47
MW - 12	11/22/11	3974.55	-	51.97	0	3922.58
MW - 13	03/02/00	3975.00	-	53.77	0	3921.23
MW - 13	04/25/00	3975.00	-	53.85	0	3921.15
MW - 13	09/06/00	3975.00	-	53.90	0	3921.10

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 13	11/28/00	3975.00	-	53.91	0	3921.09
MW - 13	02/21/01	3975.00	-	53.80	0	3921.20
MW - 13	05/31/01	3975.00	-	53.72	0	3921.28
MW - 13	08/23/01	3975.00	-	53.76	0	3921.24
MW - 13	11/21/01	3975.00	-	53.83	0	3921.17
MW - 13	02/13/02	3975.00	-	53.86	0	3921.14
MW - 13	06/12/02	3975.00	-	53.81	0	3921.19
MW - 13	08/26/02	3975.00	-	53.82	0	3921.18
MW - 13	11/21/02	3975.00	-	53.89	0	3921.11
MW - 13	02/05/03	3975.00	-	53.85	0	3921.15
MW - 13	05/07/03	3975.00	-	53.78	0	3921.22
MW - 13	08/18/03	3975.00	-	53.88	0	3921.12
MW - 13	12/01/03	3975.00	-	53.91	0	3921.09
MW - 13	02/05/04	3975.00	-	53.90	0	3921.10
MW - 13	05/05/04	3975.00	-	53.90	0	3921.10
MW - 13	09/01/04	3975.00	-	53.93	0	3921.07
MW - 13	12/15/04	3975.00	-	53.88	0	3921.12
MW - 13	03/22/05	3975.00	-	53.64	0	3921.36
MW - 13	06/22/05	3975.00	-	53.58	0	3921.42
MW - 13	09/21/05	3975.00	-	53.51	0	3921.49
MW - 13	12/16/05	3975.00	-	53.44	0	3921.56
MW - 13	03/20/06	3975.00	-	53.43	0	3921.57
MW - 13	06/21/06	3975.00	-	53.38	0	3921.62
MW - 13	09/27/06	3975.00	-	53.33	0	3921.67
MW - 13	12/04/06	3975.00	-	53.33	0	3921.67
MW - 13	02/09/07	3975.00	-	52.32	0	3922.68
MW - 13	02/23/07	3975.00	-	53.27	0	3921.73
MW - 13	03/14/07	3975.00	-	53.28	0	3921.72
MW - 13	05/29/07	3975.00	-	53.26	0	3921.74
MW - 13	08/30/07	3975.00	-	53.22	0	3921.78
MW - 13	11/12/07	3975.00	-	53.19	0	3921.81
MW - 13	03/07/08	3975.00	-	53.13	0	3921.87
MW - 13	06/02/08	3975.00	-	53.07	0	3921.93
MW - 13	09/03/08	3975.00	-	53.07	0	3921.93
MW - 13	12/08/08	3975.00	-	53.05	0	3921.95
MW - 13	02/19/09	3975.00	-	53.02	0	3921.98
MW - 13	05/20/09	3975.00	-	52.99	0	3922.01
MW - 13	08/12/09	3975.00	-	52.99	0	3922.01
MW - 13	11/04/09	3975.00	-	52.94	0	3922.06
MW - 13	11/11/09	3975.00	-	52.94	0	3922.06
MW - 13	11/18/09	3975.00	-	52.95	0	3922.05
MW - 13	11/25/09	3975.00	-	52.97	0	3922.03
MW - 13	12/02/09	3975.00	-	52.95	0	3922.05

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 13	01/07/10	3975.00	-	52.94	0	3922.06
MW - 13	02/02/10	3975.00	-	52.90	0	3922.10
MW - 13	02/11/10	3975.00	-	52.92	0	3922.08
MW - 13	05/17/10	3975.00	-	53.06	0	3921.94
MW - 13	08/16/10	3975.00	-	53.06	0	3921.94
MW - 13	11/10/10	3975.00	-	53.09	0	3921.91
MW - 13	02/28/11	3975.00	-	53.07	0	3921.93
MW - 13	03/04/11	3975.00	-	52.92	0	3922.08
MW - 13	04/28/11	3975.00	-	52.92	0	3922.08
MW - 13	05/04/11	3975.00	-	52.91	0	3922.09
MW - 13	05/11/11	3975.00	-	52.91	0	3922.09
MW - 13	05/12/11	3975.00	-	52.92	0	3922.08
MW - 13	05/18/11	3975.00	-	52.92	0	3922.08
MW - 13	05/23/11	3975.00	-	52.93	0	3922.07
MW - 13	06/08/11	3975.00	-	52.93	0	3922.07
MW - 13	06/16/11	3975.00	-	52.93	0	3922.07
MW - 13	06/22/11	3975.00	-	52.94	0	3922.06
MW - 13	06/30/11	3975.00	-	52.94	0	3922.06
MW - 13	07/06/11	3975.00	-	52.94	0	3922.06
MW - 13	07/13/11	3975.00	-	52.95	0	3922.05
MW - 13	07/15/11	3975.00	-	52.95	0	3922.05
MW - 13	07/19/11	3975.00	-	52.95	0	3922.05
MW - 13	07/21/11	3975.00	-	52.94	0	3922.06
MW - 13	07/25/11	3975.00	-	52.95	0	3922.05
MW - 13	07/28/11	3975.00	-	52.96	0	3922.04
MW - 13	08/02/11	3975.00	-	52.96	0	3922.04
MW - 13	08/09/11	3975.00	-	52.95	0	3922.05
MW - 13	08/12/11	3975.00	-	52.96	0	3922.04
MW - 13	08/15/11	3975.00	-	53.00	0	3922.00
MW - 13	08/16/11	3975.00	-	52.97	0	3922.03
MW - 13	08/19/11	3975.00	-	52.97	0	3922.03
MW - 13	08/23/11	3975.00	-	52.98	0	3922.02
MW - 13	09/01/11	3975.00	-	52.97	0	3922.03
MW - 13	09/15/11	3975.00	-	52.98	0	3922.02
MW - 13	09/22/11	3975.00	-	52.96	0	3922.04
MW - 13	10/11/11	3975.00	-	52.99	0	3922.01
MW - 13	10/13/11	3975.00	-	53.03	0	3921.97
MW - 13	11/22/11	3975.00	-	52.96	0	3922.04
MW - 14	03/02/00	3976.15	-	54.49	0	3921.66
MW - 14	04/25/00	3976.15	-	54.55	0	3921.60
MW - 14	09/06/00	3976.15	-	54.61	0	3921.54
MW - 14	11/28/00	3976.15	-	54.61	0	3921.54

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 14	02/21/01	3976.15	-	54.44	0	3921.71
MW - 14	05/31/01	3976.15	-	54.45	0	3921.70
MW - 14	08/23/01	3976.15	-	54.47	0	3921.68
MW - 14	11/21/01	3976.15	-	54.50	0	3921.65
MW - 14	02/13/02	3976.15	-	54.55	0	3921.60
MW - 14	06/12/02	3976.15	-	54.52	0	3921.63
MW - 14	08/26/02	3976.15	-	54.53	0	3921.62
MW - 14	11/21/02	3976.15	-	54.57	0	3921.58
MW - 14	02/05/03	3976.15	-	54.52	0	3921.63
MW - 14	05/07/03	3976.15	-	54.51	0	3921.64
MW - 14	08/18/03	3976.15	-	54.57	0	3921.58
MW - 14	12/01/03	3976.15	-	54.61	0	3921.54
MW - 14	02/05/04	3976.15	-	54.60	0	3921.55
MW - 14	05/05/04	3976.15	-	54.58	0	3921.57
MW - 14	09/01/04	3976.15	-	54.65	0	3921.50
MW - 14	12/15/04	3976.15	-	54.60	0	3921.55
MW - 14	03/22/05	3976.15	-	54.40	0	3921.75
MW - 14	06/22/05	3976.15	-	54.29	0	3921.86
MW - 14	09/21/05	3976.15	-	54.21	0	3921.94
MW - 14	12/16/05	3976.15	-	54.14	0	3922.01
MW - 14	03/20/06	3976.15	-	54.11	0	3922.04
MW - 14	06/21/06	3976.15	-	54.06	0	3922.09
MW - 14	09/27/06	3976.15	-	54.04	0	3922.11
MW - 14	12/04/06	3976.15	-	54.02	0	3922.13
MW - 14	02/09/07	3976.15	-	54.01	0	3922.14
MW - 14	02/23/07	3976.15	-	53.96	0	3922.19
MW - 14	03/14/07	3976.15	-	53.99	0	3922.16
MW - 14	05/29/07	3976.15	-	53.94	0	3922.21
MW - 14	08/30/07	3976.15	-	53.92	0	3922.23
MW - 14	11/12/07	3976.15	-	53.87	0	3922.28
MW - 14	03/07/08	3976.15	-	53.81	0	3922.34
MW - 14	06/02/08	3976.15	-	53.75	0	3922.40
MW - 14	09/03/08	3976.15	-	53.75	0	3922.40
MW - 14	12/08/08	3976.15	-	53.70	0	3922.45
MW - 14	02/19/09	3976.15	-	53.71	0	3922.44
MW - 14	05/20/09	3976.15	-	53.69	0	3922.46
MW - 14	08/12/09	3976.15	-	53.69	0	3922.46
MW - 14	11/04/09	3976.15	-	53.66	0	3922.49
MW - 14	11/11/09	3976.15	-	53.66	0	3922.49
MW - 14	11/18/09	3976.15	-	53.65	0	3922.50
MW - 14	11/25/09	3976.15	-	53.65	0	3922.50
MW - 14	12/02/09	3976.15	-	52.02	0	3924.13
MW - 14	01/07/10	3976.15	-	53.64	0	3922.51

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 14	02/02/10	3976.15	-	53.63	0	3922.52
MW - 14	02/11/10	3976.15	-	53.63	0	3922.52
MW - 14	05/17/10	3976.15	-	53.72	0	3922.43
MW - 14	08/16/10	3976.15	-	53.71	0	3922.44
MW - 14	11/10/10	3976.15	-	53.70	0	3922.45
MW - 14	02/28/11	3976.15	-	53.71	0	3922.44
MW - 14	03/04/11	3976.15	-	53.56	0	3922.59
MW - 14	04/28/11	3976.15	-	53.63	0	3922.52
MW - 14	05/04/11	3976.15	-	52.38	0	3923.77
MW - 14	05/11/11	3976.15	-	53.59	0	3922.56
MW - 14	05/12/11	3976.15	-	53.58	0	3922.57
MW - 14	05/18/11	3976.15	-	53.57	0	3922.58
MW - 14	05/23/11	3976.15	-	53.62	0	3922.53
MW - 14	06/08/11	3976.15	-	53.45	0	3922.70
MW - 14	06/16/11	3976.15	-	53.53	0	3922.62
MW - 14	06/22/11	3976.15	-	53.52	0	3922.63
MW - 14	06/30/11	3976.15	-	53.71	0	3922.44
MW - 14	07/06/11	3976.15	-	53.60	0	3922.55
MW - 14	07/13/11	3976.15	-	53.66	0	3922.49
MW - 14	07/15/11	3976.15	-	53.67	0	3922.48
MW - 14	07/19/11	3976.15	-	53.62	0	3922.53
MW - 14	07/21/11	3976.15	-	53.58	0	3922.57
MW - 14	07/25/11	3976.15	-	53.57	0	3922.58
MW - 14	07/28/11	3976.15	-	53.62	0	3922.53
MW - 14	08/02/11	3976.15	-	53.70	0	3922.45
MW - 14	08/09/11	3976.15	-	53.66	0	3922.49
MW - 14	08/12/11	3976.15	-	53.67	0	3922.48
MW - 14	08/15/11	3976.15	-	53.67	0	3922.48
MW - 14	08/16/11	3976.15	-	53.66	0	3922.49
MW - 14	08/19/11	3976.15	-	53.69	0	3922.46
MW - 14	08/23/11	3976.15	-	53.71	0	3922.44
MW - 14	08/26/11	3976.15	-	53.72	0	3922.43
MW - 14	08/30/11	3976.15	-	53.63	0	3922.52
MW - 14	09/01/11	3976.15	-	53.68	0	3922.47
MW - 14	09/15/11	3976.15	-	53.68	0	3922.47
MW - 14	09/22/11	3976.15	-	53.61	0	3922.54
MW - 14	10/11/11	3976.15	-	53.72	0	3922.43
MW - 14	10/13/11	3976.15	-	53.76	0	3922.39
MW - 14	10/26/11	3976.15	-	53.70	0	3922.45
MW - 14	11/22/11	3976.15	-	53.66	0	3922.49
MW - 15	03/02/00	3974.69	-	53.31	0	3921.38
MW - 15	04/25/00	3974.69	-	53.39	0	3921.30

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 15	09/06/00	3974.69	-	53.45	0	3921.24
MW - 15	11/28/00	3974.69	-	53.45	0	3921.24
MW - 15	02/21/01	3974.69	-	53.35	0	3921.34
MW - 15	05/31/01	3974.69	-	53.25	0	3921.44
MW - 15	08/23/01	3974.69	-	53.32	0	3921.37
MW - 15	11/21/01	3974.69	-	53.46	0	3921.23
MW - 15	02/13/02	3974.69	-	53.39	0	3921.30
MW - 15	06/12/02	3974.69	-	53.36	0	3921.33
MW - 15	08/26/02	3974.69	-	53.45	0	3921.24
MW - 15	11/21/02	3974.69	-	53.42	0	3921.27
MW - 15	02/05/03	3974.69	-	53.40	0	3921.29
MW - 15	05/07/03	3974.69	-	53.35	0	3921.34
MW - 15	08/18/03	3974.69	-	53.41	0	3921.28
MW - 15	12/01/03	3974.69	-	53.45	0	3921.24
MW - 15	02/05/04	3974.69	-	53.45	0	3921.24
MW - 15	05/05/04	3974.69	-	53.42	0	3921.27
MW - 15	09/01/04	3974.69	-	53.47	0	3921.22
MW - 15	12/15/04	3974.69	-	53.40	0	3921.29
MW - 15	03/22/05	3974.69	-	53.19	0	3921.50
MW - 15	06/22/05	3974.69	-	53.14	0	3921.55
MW - 15	09/21/05	3974.69	-	53.05	0	3921.64
MW - 15	12/16/05	3974.69	-	52.99	0	3921.70
MW - 15	03/20/06	3974.69	-	52.96	0	3921.73
MW - 15	06/21/06	3974.69	-	52.91	0	3921.78
MW - 15	09/27/06	3974.69	-	52.88	0	3921.81
MW - 15	12/04/06	3974.69	-	52.88	0	3921.81
MW - 15	02/09/07	3974.69	-	52.87	0	3921.82
MW - 15	02/23/07	3974.69	-	52.80	0	3921.89
MW - 15	03/14/07	3974.69	-	52.81	0	3921.88
MW - 15	05/29/07	3974.69	-	52.79	0	3921.90
MW - 15	08/30/07	3974.69	-	52.77	0	3921.92
MW - 15	11/12/07	3974.69	-	52.73	0	3921.96
MW - 15	03/07/08	3974.69	-	52.66	0	3922.03
MW - 15	06/02/08	3974.69	-	52.60	0	3922.09
MW - 15	09/03/08	3974.69	-	52.62	0	3922.07
MW - 15	12/08/08	3974.69	-	52.62	0	3922.07
MW - 15	02/19/09	3974.69	-	52.56	0	3922.13
MW - 15	05/20/09	3974.69	-	52.53	0	3922.16
MW - 15	08/12/09	3974.69	-	52.53	0	3922.16
MW - 15	11/04/09	3974.69	-	52.47	0	3922.22
MW - 15	11/11/09	3974.69	-	52.46	0	3922.23
MW - 15	11/18/09	3974.69	-	52.50	0	3922.19
MW - 15	11/25/09	3974.69	-	52.51	0	3922.18

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 15	12/02/09	3974.69	-	52.49	0	3922.20
MW - 15	01/07/10	3974.69	-	52.50	0	3922.19
MW - 15	02/02/10	3974.69	-	52.47	0	3922.22
MW - 15	02/11/10	3974.69	-	52.47	0	3922.22
MW - 15	05/17/10	3974.69	-	52.59	0	3922.10
MW - 15	08/16/10	3974.69	-	52.59	0	3922.10
MW - 15	11/10/10	3974.69	-	52.58	0	3922.11
MW - 15	02/28/11	3974.69	-	52.59	0	3922.10
MW - 15	03/04/11	3974.69	-	52.43	0	3922.26
MW - 15	04/28/11	3974.69	-	52.38	0	3922.31
MW - 15	05/04/11	3974.69	-	52.37	0	3922.32
MW - 15	05/11/11	3974.69	-	52.39	0	3922.30
MW - 15	05/12/11	3974.69	-	52.48	0	3922.21
MW - 15	05/18/11	3974.69	-	52.51	0	3922.18
MW - 15	05/23/11	3974.69	-	52.30	0	3922.39
MW - 15	06/08/11	3974.69	-	52.53	0	3922.16
MW - 15	06/16/11	3974.69	-	52.46	0	3922.23
MW - 15	06/22/11	3974.69	-	52.44	0	3922.25
MW - 15	06/30/11	3974.69	-	52.49	0	3922.20
MW - 15	07/06/11	3974.69	-	52.48	0	3922.21
MW - 15	07/13/11	3974.69	-	52.49	0	3922.20
MW - 15	07/15/11	3974.69	-	52.54	0	3922.15
MW - 15	07/19/11	3974.69	-	52.50	0	3922.19
MW - 15	07/21/11	3974.69	-	52.52	0	3922.17
MW - 15	07/26/11	3974.69	-	52.50	0	3922.19
MW - 15	07/28/11	3974.69	-	52.58	0	3922.11
MW - 15	08/02/11	3974.69	-	52.63	0	3922.06
MW - 15	08/09/11	3974.69	-	52.65	0	3922.04
MW - 15	08/12/11	3974.69	-	52.70	0	3921.99
MW - 15	08/15/11	3974.69	-	52.70	0	3921.99
MW - 15	08/16/11	3974.69	-	52.69	0	3922.00
MW - 15	08/19/11	3974.69	-	52.72	0	3921.97
MW - 15	08/23/11	3974.69	-	52.74	0	3921.95
MW - 15	08/26/11	3974.69	-	52.76	0	3921.93
MW - 15	08/30/11	3974.69	-	52.50	0	3922.19
MW - 15	09/01/11	3974.69	-	52.53	0	3922.16
MW - 15	09/15/11	3974.69	-	52.58	0	3922.11
MW - 15	09/22/11	3974.69	-	52.52	0	3922.17
MW - 15	10/11/11	3974.69	-	52.13	0	3922.56
MW - 15	10/13/11	3974.69	-	52.64	0	3922.05
MW - 15	10/26/11	3974.69	-	52.59	0	3922.10
MW - 15	11/22/11	3974.69	-	52.54	0	3922.15

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 16	12/23/02	3975.12	-	53.44	0	3921.68
MW - 16	01/10/03	3975.12	-	53.45	0	3921.67
MW - 16	05/07/03	3975.12	-	53.38	0	3921.74
MW - 16	08/18/03	3975.12	-	53.44	0	3921.68
MW - 16	12/01/03	3975.12	-	53.48	0	3921.64
MW - 16	02/05/04	3975.12	-	53.48	0	3921.64
MW - 16	05/05/04	3975.12	-	53.41	0	3921.71
MW - 16	09/01/04	3975.12	-	53.52	0	3921.60
MW - 16	12/15/04	3975.12	-	53.48	0	3921.64
MW - 16	03/22/05	3975.12	-	53.26	0	3921.86
MW - 16	06/22/05	3975.12	-	53.15	0	3921.97
MW - 16	09/21/05	3975.12	-	53.08	0	3922.04
MW - 16	12/16/05	3975.12	-	53.02	0	3922.10
MW - 16	03/20/06	3975.12	-	52.97	0	3922.15
MW - 16	06/21/06	3975.12	-	52.94	0	3922.18
MW - 16	09/27/06	3975.12	-	52.90	0	3922.22
MW - 16	12/04/06	3975.12	-	52.88	0	3922.24
MW - 16	03/14/07	3975.12	-	52.84	0	3922.28
MW - 16	05/29/07	3975.12	-	52.80	0	3922.32
MW - 16	08/30/07	3975.12	-	52.78	0	3922.34
MW - 16	11/12/07	3975.12	-	52.73	0	3922.39
MW - 16	03/07/08	3975.12	-	52.66	0	3922.46
MW - 16	06/02/08	3975.12	-	52.62	0	3922.50
MW - 16	09/03/08	3975.12	-	52.63	0	3922.49
MW - 16	12/08/08	3975.12	-	52.57	0	3922.55
MW - 16	02/19/09	3975.12	-	52.58	0	3922.54
MW - 16	05/20/09	3975.12	-	52.54	0	3922.58
MW - 16	08/12/09	3975.12	-	52.55	0	3922.57
MW - 16	11/25/09	3975.12	-	52.51	0	3922.61
MW - 16	01/07/10	3975.12	-	52.51	0	3922.61
MW - 16	02/11/10	3975.12	-	52.48	0	3922.64
MW - 16	05/17/10	3975.12	-	52.60	0	3922.52
MW - 16	08/16/10	3975.12	-	52.61	0	3922.51
MW - 16	11/10/10	3975.12	-	52.61	0	3922.51
MW - 16	02/28/11	3975.12	-	52.60	0	3922.52
MW - 16	05/12/11	3975.12	-	52.29	0	3922.83
MW - 16	08/15/11	3975.12	-	52.56	0	3922.56
MW - 16	11/22/11	3975.12	-	52.40	0	3922.72
MW - 17	12/23/02	3975.93	-	54.41	0	3921.52
MW - 17	01/10/03	3975.93	-	54.35	0	3921.58
MW - 17	05/07/03	3975.93	-	54.35	0	3921.58
MW - 17	08/18/03	3975.93	-	54.36	0	3921.57

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 17	12/01/03	3975.93	-	54.47	0	3921.46
MW - 17	02/05/04	3975.93	-	54.44	0	3921.49
MW - 17	05/05/04	3975.93	-	54.42	0	3921.51
MW - 17	09/01/04	3975.93	-	54.50	0	3921.43
MW - 17	12/15/04	3975.93	-	54.44	0	3921.49
MW - 17	03/22/05	3975.93	-	54.23	0	3921.70
MW - 17	06/22/05	3975.93	-	54.13	0	3921.80
MW - 17	09/21/05	3975.93	-	54.56	0	3921.37
MW - 17	12/16/05	3975.93	-	54.00	0	3921.93
MW - 17	03/20/06	3975.93	-	53.94	0	3921.99
MW - 17	08/09/06	PLUGGED & ABANDONED				0.00
MW - 18	05/20/09	-	-	53.72	0	-53.72
MW - 18	08/12/09	-	-	53.72	0	-53.72
MW - 18	11/25/09	-	-	53.70	0	-53.70
MW - 18	01/07/10	-	-	53.70	0	-53.70
MW - 18	02/11/10	-	-	53.67	0	-53.67
MW - 18	05/17/10	-	-	53.79	0	-53.79
MW - 18	08/16/10	-	-	53.79	0	-53.79
MW - 18	11/10/10	-	-	53.80	0	-53.80
MW - 18	02/28/11	-	-	53.79	0	-53.79
MW - 18	05/12/11	-	-	53.65	0	-53.65
MW - 18	08/15/11	-	-	53.70	0	-53.70
MW - 18	11/22/11	-	-	53.71	0	-53.71
RW - 1	11/08/02	3970.79	48.44	51.55	3.11	3921.88
RW - 1	11/21/02	3970.79	49.01	49.04	0.03	3921.78
RW - 1	12/27/02	3970.79	48.48	51.37	2.89	3921.88
RW - 1	01/06/03	3970.79	49.48	51.13	1.65	3921.06
RW - 1	01/08/03	3970.79	48.46	51.20	2.74	3921.92
RW - 1	01/10/03	3970.79	48.95	48.97	0.02	3921.84
RW - 1	01/13/03	3970.79	48.65	50.36	1.71	3921.88
RW - 1	02/05/03	3970.79	48.51	51.32	2.81	3921.86
RW - 1	02/26/03	3970.79	48.41	51.34	2.93	3921.94
RW - 1	03/04/03	3970.79	48.41	51.34	2.93	3921.94
RW - 1	03/12/03	3970.79	48.44	51.41	2.97	3921.90
RW - 1	03/18/03	3970.79	48.51	51.51	3.00	3921.83
RW - 1	03/25/03	3970.79	48.85	49.04	0.19	3921.91
RW - 1	03/31/03	3970.79	48.92	49.07	0.15	3921.85
RW - 1	04/09/03	3970.79	48.97	49.00	0.03	3921.82
RW - 1	04/14/03	3970.79	sheen	48.99	0.00	3921.80
RW - 1	05/07/03	3970.79	48.39	51.12	2.73	3921.99
RW - 1	05/08/03	3970.79	48.46	51.21	2.75	3921.92

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	05/13/03	3970.79	48.49	51.32	2.83	3921.88
RW - 1	05/21/03	3970.79	48.57	51.36	2.79	3921.80
RW - 1	05/27/03	3970.79	48.44	51.27	2.83	3921.93
RW - 1	05/28/03	3970.79	48.54	51.45	2.91	3921.81
RW - 1	06/03/03	3970.79	48.52	51.48	2.96	3921.83
RW - 1	06/09/03	3970.79	48.46	51.40	2.94	3921.89
RW - 1	07/01/03	3970.79	48.51	51.40	2.89	3921.85
RW - 1	07/08/03	3970.79	48.53	49.37	0.84	3922.13
RW - 1	07/29/03	3970.79	48.43	51.24	2.81	3921.94
RW - 1	08/04/03	3970.79	48.71	51.60	2.89	3921.65
RW - 1	08/18/03	3970.79	48.69	49.08	0.39	3922.04
RW - 1	08/25/03	3970.79	48.69	51.65	2.96	3921.66
RW - 1	10/01/03	3970.79	48.60	49.12	0.52	3922.11
RW - 1	10/06/03	3970.79	48.97	49.04	0.07	3921.81
RW - 1	10/08/03	3970.79	49.14	50.18	1.04	3921.49
RW - 1	10/15/03	3970.79	49.15	49.75	0.60	3921.55
RW - 1	11/12/03	3970.79	48.12	51.02	2.90	3922.24
RW - 1	11/19/03	3970.79	58.42	51.34	-7.08	3913.43
RW - 1	12/01/03	3970.79	49.21	50.49	1.28	3921.39
RW - 1	12/10/03	3970.79	48.68	50.92	2.24	3921.77
RW - 1	02/05/04	3970.79	49.18	51.71	2.53	3921.23
RW - 1	02/17/04	3970.79	48.71	51.51	2.80	3921.66
RW - 1	02/25/04	3970.79	49.15	51.67	2.52	3921.26
RW - 1	03/09/04	3970.79	48.60	49.32	0.72	3922.08
RW - 1	03/16/04	3970.79	48.62	50.13	1.51	3921.94
RW - 1	03/22/04	3970.79	48.79	51.92	3.13	3921.53
RW - 1	04/07/04	3970.79	48.70	49.22	0.52	3922.01
RW - 1	04/12/04	3970.79	48.68	51.04	2.36	3921.76
RW - 1	04/19/04	3970.79	48.61	49.10	0.49	3922.11
RW - 1	05/05/04	3970.79	48.70	51.51	2.81	3921.67
RW - 1	05/11/04	3970.79	48.83	51.77	2.94	3921.52
RW - 1	06/07/04	3970.79	48.43	51.31	2.88	3921.93
RW - 1	11/26/04	3970.79	48.50	51.30	2.80	3921.87
RW - 1	12/02/04	3970.79	48.53	51.22	2.69	3921.86
RW - 1	12/06/04	3970.79	48.72	51.03	2.31	3921.72
RW - 1	12/13/04	3970.79	48.96	51.10	2.14	3921.51
RW - 1	12/15/04	3970.79	48.96	51.10	2.14	3921.51
RW - 1	12/27/04	3970.79	48.46	51.20	2.74	3921.92
RW - 1	01/10/05	3970.79	48.40	51.00	2.60	3922.00
RW - 1	01/18/05	3970.79	48.55	51.05	2.50	3921.87
RW - 1	01/18/05	3970.79	48.75	49.35	0.60	3921.95
RW - 1	01/25/05	3970.79	48.44	50.55	2.11	3922.03
RW - 1	01/27/05	3970.79	48.52	51.10	2.58	3921.88

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	02/01/05	3970.79	48.50	50.25	1.75	3922.03
RW - 1	02/07/05	3970.79	48.45	50.30	1.85	3922.06
RW - 1	02/11/05	3970.79	48.47	50.27	1.80	3922.05
RW - 1	02/15/05	3970.79	48.35	50.34	1.99	3922.14
RW - 1	02/22/05	3970.79	48.30	50.79	2.49	3922.12
RW - 1	02/24/05	3970.79	48.27	50.79	2.52	3922.14
RW - 1	03/03/05	3970.79	48.52	50.85	2.33	3921.92
RW - 1	03/09/05	3970.79	48.55	50.87	2.32	3921.89
RW - 1	03/22/05	3970.79	48.25	50.95	2.70	3922.14
RW - 1	03/24/05	3970.79	48.25	50.95	2.70	3922.14
RW - 1	03/31/05	3970.79	48.28	50.91	2.63	3922.12
RW - 1	06/22/05	3970.79	48.28	50.18	1.90	3922.23
RW - 1	07/21/05	3970.79	48.15	50.82	2.67	3922.24
RW - 1	08/03/05	3970.79	48.13	50.76	2.63	3922.27
RW - 1	08/12/05	3970.79	48.13	50.78	2.65	3922.26
RW - 1	08/15/05	3970.79	48.22	50.24	2.02	3922.27
RW - 1	08/22/05	3970.79	48.13	50.51	2.38	3922.30
RW - 1	08/30/05	3970.79	48.14	50.62	2.48	3922.28
RW - 1	09/07/05	3970.79	48.14	50.55	2.41	3922.29
RW - 1	09/14/05	3970.79	48.20	50.55	2.35	3922.24
RW - 1	09/20/05	3970.79	48.16	50.40	2.24	3922.29
RW - 1	09/21/05	3970.79	48.22	50.56	2.34	3922.22
RW - 1	09/28/05	3970.79	48.12	50.55	2.43	3922.31
RW - 1	10/06/05	3970.79	48.16	50.51	2.35	3922.28
RW - 1	10/13/05	3970.79	48.15	50.49	2.34	3922.29
RW - 1	10/20/05	3970.79	48.19	50.40	2.21	3922.27
RW - 1	10/26/05	3970.79	48.18	50.35	2.17	3922.28
RW - 1	11/03/05	3970.79	48.10	50.50	2.40	3922.33
RW - 1	11/10/05	3970.79	48.11	50.54	2.43	3922.32
RW - 1	11/16/05	3970.79	48.13	50.40	2.27	3922.32
RW - 1	11/23/05	3970.79	48.17	50.37	2.20	3922.29
RW - 1	11/28/05	3970.79	48.08	50.50	2.42	3922.35
RW - 1	12/05/05	3970.79	48.19	50.30	2.11	3922.28
RW - 1	12/12/05	3970.79	48.15	50.33	2.18	3922.31
RW - 1	12/16/05	3970.79	48.84	49.98	1.14	3921.78
RW - 1	12/19/05	3970.79	48.21	50.35	2.14	3922.26
RW - 1	12/29/05	3970.79	48.12	50.41	2.29	3922.33
RW - 1	01/04/06	3970.79	48.14	50.40	2.26	3922.31
RW - 1	01/10/06	3970.79	48.10	50.53	2.43	3922.33
RW - 1	01/17/06	3970.79	48.10	50.45	2.35	3922.34
RW - 1	01/26/06	3970.79	48.10	50.45	2.35	3922.34
RW - 1	01/31/06	3970.79	48.10	50.42	2.32	3922.34
RW - 1	02/07/06	3970.79	48.11	50.34	2.23	3922.35

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	02/09/06	3970.79	48.12	50.43	2.31	3922.32
RW - 1	02/13/06	3970.79	48.12	50.45	2.33	3922.32
RW - 1	02/22/06	3970.79	48.13	50.47	2.34	3922.31
RW - 1	02/28/06	3970.79	48.11	50.46	2.35	3922.33
RW - 1	03/07/06	3970.79	48.13	50.39	2.26	3922.32
RW - 1	03/15/06	3970.79	48.09	50.36	2.27	3922.36
RW - 1	03/20/06	3970.79	48.10	50.27	2.17	3922.36
RW - 1	03/22/06	3970.79	48.14	50.43	2.29	3922.31
RW - 1	03/29/06	3970.79	48.09	50.40	2.31	3922.35
RW - 1	04/11/06	3970.79	47.96	50.37	2.41	3922.47
RW - 1	04/18/06	3970.79	48.02	50.31	2.29	3922.43
RW - 1	04/25/06	3970.79	48.05	50.29	2.24	3922.40
RW - 1	05/02/06	3970.79	48.00	50.31	2.31	3922.44
RW - 1	05/09/06	3970.79	48.03	50.21	2.18	3922.43
RW - 1	05/16/06	3970.79	48.05	50.22	2.17	3922.41
RW - 1	05/23/06	3970.79	48.03	50.20	2.17	3922.43
RW - 1	05/31/06	3970.79	48.06	50.18	2.12	3922.41
RW - 1	06/06/06	3970.79	48.10	50.09	1.99	3922.39
RW - 1	06/13/06	3970.79	48.05	50.05	2.00	3922.44
RW - 1	06/20/06	3970.79	48.10	50.10	2.00	3922.39
RW - 1	06/21/06	3970.79	48.26	49.08	0.82	3922.41
RW - 1	07/06/06	3970.79	48.09	50.18	2.09	3922.39
RW - 1	07/12/06	3970.79	48.06	50.17	2.11	3922.41
RW - 1	07/20/06	3970.79	49.89	50.16	0.27	3920.86
RW - 1	07/25/06	3970.79	48.01	50.21	2.20	3922.45
RW - 1	08/01/06	3970.79	48.01	50.23	2.22	3922.45
RW - 1	08/16/06	3970.79	48.01	50.25	2.24	3922.44
RW - 1	08/23/06	3970.79	48.06	50.11	2.05	3922.42
RW - 1	08/28/06	3970.79	48.03	50.03	2.00	3922.46
RW - 1	09/12/06	3970.79	48.09	49.80	1.71	3922.44
RW - 1	09/22/06	3970.79	48.14	49.90	1.76	3922.39
RW - 1	09/27/06	3970.79	48.20	49.60	1.40	3922.38
RW - 1	10/06/06	3970.79	48.04	50.00	1.96	3922.46
RW - 1	10/10/06	3970.79	48.20	49.34	1.14	3922.42
RW - 1	10/16/06	3970.79	48.13	49.52	1.39	3922.45
RW - 1	10/26/06	3970.79	48.05	49.83	1.78	3922.47
RW - 1	11/03/06	3970.79	48.18	49.70	1.52	3922.38
RW - 1	11/09/06	3970.79	48.10	49.60	1.50	3922.47
RW - 1	11/16/06	3970.79	48.19	49.16	0.97	3922.45
RW - 1	11/22/06	3970.79	48.20	49.56	1.36	3922.39
RW - 1	12/04/06	3970.79	48.10	49.84	1.74	3922.43
RW - 1	12/08/06	3970.79	48.08	49.99	1.91	3922.42
RW - 1	12/15/06	3970.79	48.09	49.53	1.44	3922.48

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	01/05/07	3970.79	48.05	50.10	2.05	3922.43
RW - 1	01/12/07	3970.79	48.13	49.70	1.57	3922.42
RW - 1	01/18/07	3970.79	48.11	49.51	1.40	3922.47
RW - 1	01/24/07	3970.79	48.18	49.46	1.28	3922.42
RW - 1	01/29/07	3970.79	48.21	49.33	1.12	3922.41
RW - 1	02/09/07	3970.79	48.03	48.05	0.02	3922.76
RW - 1	02/16/07	3970.79	48.10	49.77	1.67	3922.44
RW - 1	03/02/07	3970.79	48.00	49.82	1.82	3922.52
RW - 1	03/14/07	3970.79	48.11	49.20	1.09	3922.52
RW - 1	03/26/07	3970.79	48.09	49.42	1.33	3922.50
RW - 1	04/03/07	3970.79	47.99	49.80	1.81	3922.53
RW - 1	04/09/07	3970.79	48.01	49.60	1.59	3922.54
RW - 1	04/26/07	3970.79	47.96	49.87	1.91	3922.54
RW - 1	04/30/07	3970.79	48.14	49.05	0.91	3922.51
RW - 1	05/11/07	3970.79	48.01	49.65	1.64	3922.53
RW - 1	05/16/07	3970.79	48.14	49.07	0.93	3922.51
RW - 1	05/22/07	3970.79	48.08	49.03	0.95	3922.57
RW - 1	05/29/07	3970.79	48.06	49.29	1.23	3922.55
RW - 1	06/01/07	3970.79	48.00	49.46	1.46	3922.57
RW - 1	06/08/07	3970.79	48.03	49.37	1.34	3922.56
RW - 1	06/11/07	3970.79	48.17	49.00	0.83	3922.50
RW - 1	06/20/07	3970.79	48.00	49.50	1.50	3922.57
RW - 1	07/10/07	3970.79	48.01	49.56	1.55	3922.55
RW - 1	07/20/07	3970.79	47.99	49.60	1.61	3922.56
RW - 1	07/25/07	3970.79	48.04	49.22	1.18	3922.57
RW - 1	08/01/07	3970.79	48.02	49.24	1.22	3922.59
RW - 1	08/10/07	3970.79	48.02	49.37	1.35	3922.57
RW - 1	08/15/07	3970.79	48.03	49.16	1.13	3922.59
RW - 1	08/30/07	3970.79	47.97	49.61	1.64	3922.57
RW - 1	08/31/07	3970.79	47.97	49.61	1.64	3922.57
RW - 1	09/19/07	3970.79	47.92	49.73	1.81	3922.60
RW - 1	09/27/07	3970.79	47.98	49.39	1.41	3922.60
RW - 1	10/01/07	3970.79	48.02	49.06	1.04	3922.61
RW - 1	10/19/07	3970.79	47.92	49.62	1.70	3922.62
RW - 1	10/26/07	3970.79	47.97	49.39	1.42	3922.61
RW - 1	11/12/07	3970.79	47.93	49.58	1.65	3922.61
RW - 1	11/16/07	3970.79	47.92	49.31	1.39	3922.66
RW - 1	11/29/07	3970.79	47.92	50.01	2.09	3922.56
RW - 1	12/13/07	3970.79	47.90	49.54	1.64	3922.64
RW - 1	01/10/08	3970.79	47.90	49.50	1.60	3922.65
RW - 1	01/17/08	3970.79	47.92	49.37	1.45	3922.65
RW - 1	01/22/08	3970.79	47.90	49.43	1.53	3922.66
RW - 1	02/06/08	3970.79	47.09	49.05	1.96	3923.41

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	2/12/08 #1	3970.79	48.01	48.91	0.90	3922.65
RW - 1	2/12/08 #2	3970.79	48.19	48.21	0.02	3922.60
RW - 1	2/27/08 #1	3970.79	48.00	48.98	0.98	3922.64
RW - 1	2/27/08 #2	3970.79	48.15	48.21	0.06	3922.63
RW - 1	03/07/08	3970.79	47.92	49.21	1.29	3922.68
RW - 1	3/12/08 #1	3970.79	47.92	49.21	1.29	3922.68
RW - 1	3/12/08 #2	3970.79	48.04	48.31	0.27	3922.71
RW - 1	3/20/2008#1	3970.79	48.23	48.50	0.27	3922.52
RW - 1	3/20/08#2	3970.79	48.10	48.45	0.35	3922.64
RW - 1	3/23/08 #1	3970.79	47.99	48.99	1.00	3922.65
RW - 1	3/23/08 #2	3970.79	48.17	48.21	0.04	3922.61
RW - 1	4/2/08 #1	3970.79	47.98	48.92	0.94	3922.67
RW - 1	4/2/08 #2	3970.79	48.09	48.42	0.33	3922.65
RW - 1	4/9/08 #1	3970.79	47.95	48.98	1.03	3922.69
RW - 1	4/9/08 #2	3970.79	48.12	48.15	0.03	3922.67
RW - 1	04/16/08	3970.79	47.98	48.87	0.89	3922.68
RW - 1	04/23/08	3970.79	47.98	48.91	0.93	3922.67
RW - 1	04/30/08	3970.79	47.92	49.07	1.15	3922.70
RW - 1	05/29/08	3970.79	47.97	48.85	0.88	3922.69
RW - 1	06/02/08	3970.79	47.99	48.70	0.71	3922.69
RW - 1	06/03/08	3970.79	47.99	48.70	0.71	3922.69
RW - 1	06/11/08	3970.79	47.91	48.99	1.08	3922.72
RW - 1	06/18/08	3970.79	47.96	48.84	0.88	3922.70
RW - 1	06/23/08	3970.79	47.99	48.70	0.71	3922.69
RW - 1	07/01/08	3970.79	47.94	49.02	1.08	3922.69
RW - 1	07/09/08	3970.79	47.95	48.91	0.96	3922.70
RW - 1	07/15/08	3970.79	47.98	48.76	0.78	3922.69
RW - 1	07/22/08	3970.79	47.94	49.00	1.06	3922.69
RW - 1	08/02/08	3970.79	47.92	48.96	1.04	3922.71
RW - 1	08/13/08	3970.79	47.90	49.03	1.13	3922.72
RW - 1	09/03/08	3970.79	47.83	49.22	1.39	3922.75
RW - 1	09/11/08	3970.79	47.94	48.86	0.92	3922.71
RW - 1	09/19/08	3970.79	47.91	48.85	0.94	3922.74
RW - 1	09/26/08	3970.79	47.89	49.00	1.11	3922.73
RW - 1	10/10/08	3970.79	47.91	48.84	0.93	3922.74
RW - 1	10/17/08	3970.79	47.74	47.93	0.19	3923.02
RW - 1	10/21/08	3970.79	47.95	48.52	0.57	3922.75
RW - 1	10/30/08	3970.79	47.89	48.95	1.06	3922.74
RW - 1	11/04/08	3970.79	48.00	48.61	0.61	3922.70
RW - 1	11/18/08	3970.79	47.91	49.03	1.12	3922.71
RW - 1	11/25/08	3970.79	47.90	49.12	1.22	3922.71
RW - 1	11/25/08	3970.79	48.70	48.72	0.02	3922.09
RW - 1	12/10/08	3970.79	47.87	49.05	1.18	3922.74

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	12/18/08	3970.79	47.84	49.10	1.26	3922.76
RW - 1	01/06/09	3970.79	47.84	49.07	1.23	3922.77
RW - 1	01/14/09	3970.79	47.09	48.75	1.66	3923.45
RW - 1	01/21/09	3970.79	47.91	48.84	0.93	3922.74
RW - 1	01/22/09	3970.79	48.00	48.21	0.21	3922.76
RW - 1	01/30/09	3970.79	47.91	48.74	0.83	3922.76
RW - 1	02/03/09	3970.79	47.99	48.57	0.58	3922.71
RW - 1	02/12/09	3970.79	47.89	48.91	1.02	3922.75
RW - 1	02/19/09	3970.79	47.85	49.00	1.15	3922.77
RW - 1	03/04/09	3970.79	47.92	48.97	1.05	3922.71
RW - 1	03/06/09	3970.79	47.82	49.00	1.18	3922.79
RW - 1	03/11/09	3970.79	47.94	48.60	0.66	3922.75
RW - 1	03/16/09	3970.79	47.95	49.00	1.05	3922.68
RW - 1	03/19/09	3970.79	47.90	48.72	0.82	3922.77
RW - 1	03/24/09	3970.79	47.89	48.49	0.60	3922.81
RW - 1	04/03/09	3970.79	47.85	48.90	1.05	3922.78
RW - 1	04/15/09	3970.79	47.86	48.80	0.94	3922.79
RW - 1	04/17/09	3970.79	47.98	48.25	0.27	3922.77
RW - 1	04/22/09	3970.79	47.83	48.88	1.05	3922.80
RW - 1	04/29/09	3970.79	47.84	48.79	0.95	3922.81
RW - 1	05/20/09	3970.79	47.82	48.88	1.06	3922.81
RW - 1	06/09/09	3970.79	47.82	48.95	1.13	3922.80
RW - 1	06/17/09	3970.79	47.88	48.81	0.93	3922.77
RW - 1	06/23/09	3970.79	47.83	48.87	1.04	3922.80
RW - 1	07/01/09	3970.79	47.82	48.88	1.06	3922.81
RW - 1	07/08/09	3970.79	47.89	48.61	0.72	3922.79
RW - 1	07/15/09	3970.79	47.86	48.64	0.78	3922.81
RW - 1	07/17/09	3970.79	47.91	48.60	0.69	3922.78
RW - 1	07/23/09	3970.79	47.83	48.88	1.05	3922.80
RW - 1	07/24/09	3970.79	47.96	48.17	0.21	3922.80
RW - 1	07/30/09	3970.79	47.91	48.60	0.69	3922.78
RW - 1	08/04/09	3970.79	47.91	48.48	0.57	3922.79
RW - 1	08/12/09	3970.79	47.88	48.73	0.85	3922.78
RW - 1	08/20/09	3970.79	47.92	48.75	0.83	3922.75
RW - 1	08/26/09	3970.79	47.83	48.80	0.97	3922.81
RW - 1	09/02/09	3970.79	47.87	48.75	0.88	3922.79
RW - 1	09/09/09	3970.79	47.90	48.61	0.71	3922.78
RW - 1	09/14/09	3970.79	47.92	48.45	0.53	3922.79
RW - 1	09/21/09	3970.79	47.86	48.71	0.85	3922.80
RW - 1	10/01/09	3970.79	47.88	48.84	0.96	3922.77
RW - 1	10/08/09	3970.79	47.90	48.76	0.86	3922.76
RW - 1	10/14/09	3970.79	47.87	48.70	0.83	3922.80
RW - 1	10/21/09	3970.79	47.82	48.59	0.77	3922.85

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	10/28/09	3970.79	47.85	48.69	0.84	3922.81
RW - 1	11/04/09	3970.79	47.90	48.63	0.73	3922.78
RW - 1	11/11/09	3970.79	47.87	48.60	0.73	3922.81
RW - 1	11/18/09	3970.79	47.88	48.61	0.73	3922.80
RW - 1	11/25/09	3970.79	47.90	48.58	0.68	3922.79
RW - 1	12/02/09	3970.79	47.86	48.80	0.94	3922.79
RW - 1	12/10/09	3970.79	47.87	48.61	0.74	3922.81
RW - 1	12/17/09	3970.79	47.94	48.59	0.65	3922.75
RW - 1	12/21/09	3970.79	47.87	48.52	0.65	3922.82
RW - 1	12/30/09	3970.79	48.02	48.49	0.47	3922.70
RW - 1	01/07/10	3970.79	47.95	48.20	0.25	3922.80
RW - 1	01/18/10	3970.79	47.91	48.28	0.37	3922.82
RW - 1	02/02/10	3970.79	47.88	48.55	0.67	3922.81
RW - 1	02/11/10	3970.79	47.84	48.51	0.67	3922.85
RW - 1	02/18/10	3970.79	47.82	48.60	0.78	3922.85
RW - 1	02/25/10	3970.79	47.99	48.34	0.35	3922.75
RW - 1	03/02/10	3970.79	48.05	48.28	0.23	3922.71
RW - 1	03/04/10	3970.79	47.97	48.10	0.13	3922.80
RW - 1	03/10/10	3970.79	47.93	48.26	0.33	3922.81
RW - 1	03/12/10	3970.79	47.98	48.37	0.39	3922.75
RW - 1	03/15/10	3970.79	48.00	48.10	0.10	3922.78
RW - 1	03/18/10	3970.79	47.88	48.42	0.54	3922.83
RW - 1	03/22/10	3970.79	48.00	48.23	0.23	3922.76
RW - 1	05/17/10	3970.79	50.39	50.48	0.09	3920.39
RW - 1	05/20/10	3970.79	50.08	50.39	0.31	3920.66
RW - 1	03/04/11	3970.79	50.30	50.62	0.32	3920.44
RW - 1	05/12/11	3970.79	48.55	49.30	0.75	3922.13
RW - 1	08/02/11	3970.79	51.80	52.10	0.30	3918.95
RW - 1	08/09/11	3970.79	49.80	50.42	0.62	3920.90
RW - 1	08/12/11	3970.79	-	49.20	0.00	3921.59
RW - 1	08/15/11	3970.79	-	49.20	0.00	3921.59
RW - 1	08/23/11	3970.79	51.60	52.30	0.70	3919.09
RW - 1	08/26/11	3970.79	48.11	48.90	0.79	3922.56
RW - 1	11/22/11	3970.79	49.1	50.04	0.94	3921.55
RW - 2	05/20/10	-	-	54.42	0	-54.42
RW - 2	03/04/11	-	sheen	54.05	0	-54.05
RW - 2	05/12/11	-	-	52.69	0	-52.69
RW - 2	08/02/11	-	sheen	55.00	0	-55.00
RW - 2	08/09/11	-	sheen	55.50	0	-55.50
RW - 2	08/12/11	-	sheen	54.07	0	-54.07
RW - 2	08/15/11	-	sheen	54.01	0	-54.01
RW - 2	08/23/11	-	sheen	53.92	0	-53.92

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-04 (TOWNSEND)
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number GW-0294

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	08/26/11	-	sheen	52.75	0	-52.75
RW - 3	05/20/10	-	54.73	58.80	4.07	-55.34
RW - 3	03/04/11	-	54.66	55.70	1.04	-54.82
RW - 3	05/12/11	-	53.84	54.65	0.81	-53.96
RW - 3	08/02/11	-	54.35	55.32	0.97	-54.50
RW - 3	08/09/11	-	54.24	55.50	1.26	-54.43
RW - 3	08/12/11	-	54.26	55.65	1.39	-54.47
RW - 3	08/15/11	-	54.24	55.50	1.26	-54.43
RW - 3	08/23/11	-	53.92	54.85	0.93	-54.06
RW - 3	08/26/11	-	53.07	53.95	0.88	-53.20
RW - 4	05/20/10	-	55.62	59.23	3.61	-56.16
RW - 4	03/04/11	-	53.13	55.08	1.95	-53.42
RW - 4	05/12/11	-	53.58	55.35	1.77	-53.85
RW - 4	08/02/11	-	55.71	58.75	3.04	-56.17
RW - 4	08/09/11	-	55.02	58.91	3.89	-55.60
RW - 4	08/12/11	-	54.40	58.55	4.15	-55.02
RW - 4	08/15/11	-	55.02	58.91	3.89	-55.60
RW - 4	08/23/11	-	54.42	57.62	3.2	-54.90
RW - 4	08/26/11	-	52.93	55.2	2.27	-53.27
IDW	06/15/04	3970.79	48.46	51.42	2.96	3921.89
	06/20/04	3970.79	48.46	51.42	2.96	3921.89
	06/21/04	3970.79	48.46	50.44	1.98	3922.03
	06/28/04	3970.79	48.44	51.38	2.94	3921.91
	07/08/04	3970.79	48.45	51.08	2.63	3921.95
	07/12/04	3970.79	48.46	51.12	2.66	3921.93
	08/06/04	3970.79	48.47	51.48	3.01	3921.87
	08/12/04	3970.79	48.48	51.48	3.00	3921.86
Polytank	03/09/05	3970.79	3.38	3.6	0.22	3967.38

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS PIPELINE, L.P.
TNM 97-04
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8015M		EPA SW 846-8021B, 5030				
		GRO C6-C12 mg/L	DRO C35 C12 mg/L	BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
NMOCD REGULATORY LIMIT				0.01	0.75	0.75	0.62	
MW - 1	03/02/00			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	04/05/00			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	09/06/00			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	11/28/00			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	02/21/01			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	05/31/01			<0.001	<0.001	<0.001	<0.001	
MW - 1	08/23/01			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	11/21/01			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	02/13/02			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	06/12/02			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	08/26/02			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	11/21/02			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	02/06/03			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	05/07/03			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	08/18/03			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	12/01/03			<0.001	<0.001	<0.001	<0.002	<0.001
MW - 1	02/05/04			<0.001	<0.001	<0.001	<0.002	<0.001
MW - 1	12/15/04			<0.001	<0.001	<0.001	<0.001	
MW - 1	03/22/05			Not Sampled Due to Sample Reduction				
MW - 1	06/22/05			Not Sampled Due to Sample Reduction				
MW - 1	09/14/05			Plugged and Abandoned				
MW - 2	03/22/05			Not Sampled Due to PSH in Well				
MW - 2	06/22/05			Not Sampled Due to PSH in Well				
MW - 2	09/21/05			Not Sampled Due to PSH in Well				
MW - 2	12/16/05			Not Sampled Due to PSH in Well				
MW - 2	03/20/06			Not Sampled Due to PSH in Well				
MW - 2	06/21/06			Not Sampled Due to PSH in Well				
MW - 2	09/27/06			Not Sampled Due to PSH in Well				
MW - 2	12/04/06			Not Sampled Due to PSH in Well				
MW - 2	12/10/08	54.40	213.00	13.80	5.200	0.864	2.700	
MW - 2	02/19/09			Not Sampled Due to PSH in Well				
MW - 2	05/20/09			Not Sampled Due to PSH in Well				
MW - 2	08/12/09			Not Sampled Due to PSH in Well				
MW - 2	11/25/09	51.00	85.10	12.00	6.380	0.834	2.940	
MW - 2	02/11/10			Not Sampled Due to PSH in Well				
MW - 2	05/17/10			Not Sampled Due to PSH in Well				
MW - 2	08/16/10			Not Sampled Due to PSH in Well				
MW - 2	11/10/10			Not Sampled Due to PSH in Well				
MW - 2	02/28/11			Not Sampled Due to PSH in Well				
MW - 2	05/12/11			Not Sampled Due to PSH in Well				

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS PIPELINE, L.P.
TNM 97-04
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8015M		EPA SW 846-8021B, 5030				
		GRO C6-C12 mg/L	DRO C35 mg/L	BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
MW - 2	08/15/11			Not Sampled Due to PSH in Well				
MW - 2	11/22/11			Not Sampled Due to PSH in Well				
MW - 3	03/22/05			Not Sampled Due to PSH in Well				
MW - 3	06/22/05			Not Sampled Due to PSH in Well				
MW - 3	09/21/05			Not Sampled Due to PSH in Well				
MW - 3	12/16/05			Not Sampled Due to PSH in Well				
MW - 3	03/20/06			Not Sampled Due to PSH in Well				
MW - 3	06/21/06			Not Sampled Due to PSH in Well				
MW - 3	09/27/06			Not Sampled Due to PSH in Well				
MW - 3	12/04/06			Not Sampled Due to PSH in Well				
MW - 3	12/10/08	51.0	474.0	10.10	6.40	1.040	2.80	
MW - 3	02/19/09			Not Sampled Due to PSH in Well				
MW - 3	05/20/09			Not Sampled Due to PSH in Well				
MW - 3	08/12/09			Not Sampled Due to PSH in Well				
MW - 3	11/25/09	178.0	1850.0	16.80	17.20	4.690	14.20	
MW - 3	02/11/10			Not Sampled Due to PSH in Well				
MW - 3	05/17/10			Not Sampled Due to PSH in Well				
MW - 3	08/16/10			Not Sampled Due to PSH in Well				
MW - 3	11/10/10			Not Sampled Due to PSH in Well				
MW - 3	02/28/11			Not Sampled Due to PSH in Well				
MW - 3	05/12/11			Not Sampled Due to PSH in Well				
MW - 3	08/15/11			Not Sampled Due to PSH in Well				
MW - 3	11/22/11			Not Sampled Due to PSH in Well				
MW - 4	03/22/05			Not Sampled Due to PSH in Well				
MW - 4	06/22/05			Not Sampled Due to PSH in Well				
MW - 4	09/21/05			Not Sampled Due to PSH in Well				
MW - 4	12/16/05			Not Sampled Due to PSH in Well				
MW - 4	03/20/06			Not Sampled Due to PSH in Well				
MW - 4	06/21/06			Not Sampled Due to PSH in Well				
MW - 4	09/27/06			Not Sampled Due to PSH in Well				
MW - 4	12/04/06			Not Sampled Due to PSH in Well				
MW - 4	12/10/08	12.10	104.00	1.930	0.996	0.613	1.620	
MW - 4	02/19/09			Not Sampled Due to PSH in Well				
MW - 4	05/20/09			Not Sampled Due to PSH in Well				
MW - 4	08/12/09			Not Sampled Due to PSH in Well				
MW - 4	11/25/09			2.000	1.060	0.618	1.340	
MW - 4	02/11/10			2.150	1.230	0.825	2.150	
MW - 4	05/17/10			0.747	0.125	0.335	0.549	
MW - 4	08/16/10			1.180	0.237	0.445	0.599	
MW - 4	11/10/10			0.583	0.174	0.370	0.762	
MW - 4	02/28/11			1.140	0.343	0.556	0.999	

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS PIPELINE, L.P.

TNM 97-04

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8015M		EPA SW 846-8021B, 5030				
		GRO C6-C12 mg/L	DRO C35 mg/L	BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
MW - 4	05/12/11			1.020	0.292	0.517	1.210	
MW - 4	08/15/11			0.838	0.084	0.355	0.387	
MW - 4	11/22/11			0.684	0.061	0.435	1.070	
MW - 5	03/22/05			Not Sampled Due to PSH in Well				
MW - 5	06/22/05			Not Sampled Due to PSH in Well				
MW - 5	09/21/05			Not Sampled Due to PSH in Well				
MW - 5	12/16/05			Not Sampled Due to PSH in Well				
MW - 5	03/20/06			Not Sampled Due to PSH in Well				
MW - 5	06/21/06			Not Sampled Due to PSH in Well				
MW - 5	09/27/06			Not Sampled Due to PSH in Well				
MW - 5	12/04/06			Not Sampled Due to PSH in Well				
MW - 5	12/10/08	82.60	56.40	18.90	9.030	1.490	3.520	
MW - 5	02/19/09			Not Sampled Due to PSH in Well				
MW - 5	05/20/09			Not Sampled Due to PSH in Well				
MW - 5	08/12/09			Not Sampled Due to PSH in Well				
MW - 5	11/25/09	52.00	32.30	15.60	5.700	1.080	2.290	
MW - 5	02/11/10			Not Sampled Due to PSH in Well				
MW - 5	05/17/10			Not Sampled Due to PSH in Well				
MW - 5	08/16/10			Not Sampled Due to PSH in Well				
MW - 5	11/10/10			Not Sampled Due to PSH in Well				
MW - 5	02/28/11			Not Sampled Due to PSH in Well				
MW - 5	05/12/11			Not Sampled Due to PSH in Well				
MW - 5	08/15/11			Not Sampled Due to PSH in Well				
MW - 5	11/22/11			Not Sampled Due to PSH in Well				
MW - 6	03/22/05			Not Sampled Due to PSH in Well				
MW - 6	06/22/05			Not Sampled Due to PSH in Well				
MW - 6	09/21/05			Not Sampled Due to PSH in Well				
MW - 6	12/16/05			Not Sampled Due to PSH in Well				
MW - 6	03/20/06			Not Sampled Due to PSH in Well				
MW - 6	06/21/06			Not Sampled Due to PSH in Well				
MW - 6	09/27/06			Not Sampled Due to PSH in Well				
MW - 6	12/04/06			Not Sampled Due to PSH in Well				
MW - 6	12/10/08	81.80	36.60	26.00	3.950	1.230	2.850	
MW - 6	02/19/09			Not Sampled Due to PSH in Well				
MW - 6	05/20/09			Not Sampled Due to PSH in Well				
MW - 6	08/12/09			Not Sampled Due to PSH in Well				
MW - 6	11/25/09	53.20	159.0	19.80	5.060	1.010	2.330	
MW - 6	02/11/10			Not Sampled Due to PSH in Well				
MW - 6	05/17/10			Not Sampled Due to PSH in Well				
MW - 6	08/16/10			Not Sampled Due to PSH in Well				
MW - 6	11/10/10			4.04	2.830	0.494	1.710	

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS PIPELINE, L.P.
TNM 97-04
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8015M		EPA SW 846-8021B, 5030				
		GRO C6-C12 mg/L	DRO C35 mg/L	BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
MW - 6	02/28/11			3.77	2.320	0.330	0.926	
MW - 6	05/12/11			1.37	0.637	0.123	0.503	
MW - 6	08/15/11			2.10	0.945	0.0741	0.612	
MW - 6	11/22/11			3.59	1.460	0.3170	1.100	
MW - 7	03/02/00			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	04/25/00			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	09/06/00			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	11/28/00			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	02/21/01			0.005	<0.001	<0.001	0.013	0.026
MW - 7	05/31/01			0.033	0.015	<0.001	0.100	
MW - 7	08/23/01			0.009	0.002	<0.001	0.029	0.049
MW - 7	11/21/01			0.007	0.002	<0.001	0.022	0.037
MW - 7	02/13/02			0.004	<0.001	<0.001	0.017	0.027
MW - 7	06/12/02			0.002	<0.001	<0.001	0.009	0.001
MW - 7	08/26/02			0.001	<0.001	0.012	0.014	<0.001
MW - 7	11/21/02			<0.001	<0.001	<0.001	0.003	<0.001
MW - 7	02/06/03			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	05/07/03			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	08/18/03			<0.001	<0.001	<0.001	0.002	<0.001
MW - 7	12/01/03			<0.001	<0.001	<0.001	<0.002	<0.001
MW - 7	02/05/04			<0.001	<0.001	<0.001	<0.002	<0.001
MW - 7	12/15/04			<0.001	<0.001	<0.001	<0.001	
MW - 7	03/22/05			Not Sampled Due to Sample Reduction				
MW - 7	06/22/05			Not Sampled Due to Sample Reduction				
MW - 7	09/21/05			Not Sampled Due to Sample Reduction				
MW - 7	12/16/05			<0.001	<0.001	0.0028	0.0031	
MW - 7	03/20/06			Not Sampled Due to Sample Reduction				
MW - 7	06/21/06			Not Sampled Due to Sample Reduction				
MW - 7	09/27/06			Not Sampled Due to Sample Reduction				
MW - 7	12/04/06			<0.001	<0.001	0.0309	0.0085	
MW - 7	11/12/07			<0.001	<0.001	0.0062	0.0015	
MW - 7	12/08/08			<0.001	<0.001	<0.001	<0.001	
MW - 7	02/19/09			Not Sampled Due to Sample Reduction				
MW - 7	05/20/09			Not Sampled Due to Sample Reduction				
MW - 7	08/12/09			Not Sampled Due to Sample Reduction				
MW - 7	11/25/09			<0.001	<0.001	<0.001	<0.001	
MW - 7	02/11/10			Not Sampled Due to Sample Reduction				
MW - 7	05/17/10			Not Sampled Due to Sample Reduction				
MW - 7	08/16/10			Not Sampled Due to Sample Reduction				
MW - 7	11/10/10			<0.001	<0.001	<0.001	<0.001	
MW - 7	02/28/11			Not Sampled Due to Sample Reduction				
MW - 7	05/12/11			Not Sampled Due to Sample Reduction				

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS PIPELINE, L.P.
TNM 97-04
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8015M		EPA SW 846-8021B, 5030				
		GRO C6-C12 mg/L	DRO C35 C12 mg/L	BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
MW - 7	08/15/11			Not Sampled Due to Sample Reduction				
MW - 7	11/22/11			<0.001	<0.001	<0.001	<0.001	
MW - 8	03/02/00			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	04/25/00			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	09/06/00			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	11/28/00			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	02/21/01			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	05/31/01			<0.001	<0.001	<0.001	<0.001	
MW - 8	08/23/01			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	11/21/01			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	02/13/02			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	06/12/02			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	08/26/02			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	11/21/02			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	02/06/03			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	05/07/03			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	08/18/03			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 8	12/01/03			<0.001	<0.001	<0.001	<0.002	<0.001
MW - 8	02/05/04			<0.001	<0.001	<0.001	<0.002	<0.001
MW - 8	12/15/04			<0.001	<0.001	<0.001	<0.001	
MW - 8	03/22/05			Not Sampled Due to Sample Reduction				
MW - 8	06/22/05			Not Sampled Due to Sample Reduction				
MW - 8	09/14/05			Plugged and Abandoned				
MW - 9	03/22/05			Not Sampled Due to PSH in Well				
MW - 9	06/22/05			Not Sampled Due to PSH in Well				
MW - 9	09/21/05			Not Sampled Due to PSH in Well				
MW - 9	12/16/05			Not Sampled Due to PSH in Well				
MW - 9	03/20/06			Not Sampled Due to PSH in Well				
MW - 9	06/21/06			Not Sampled Due to PSH in Well				
MW - 9	09/27/06			Not Sampled Due to PSH in Well				
MW - 9	12/04/06			Not Sampled Due to PSH in Well				
MW - 9	12/10/08	20.80	181.00	2.240	2.850	0.633	1.790	
MW - 9	02/19/09			Not Sampled Due to PSH in Well				
MW - 9	05/20/09			Not Sampled Due to PSH in Well				
MW - 9	08/12/09			Not Sampled Due to PSH in Well				
MW - 9	08/12/09	16.00	74.30	2.090	2.470	0.503	1.600	
MW - 9	02/11/10			Not Sampled Due to PSH in Well				
MW - 9	05/17/10			Not Sampled Due to PSH in Well				
MW - 9	08/16/10			Not Sampled Due to PSH in Well				
MW - 9	11/10/10			Not Sampled Due to PSH in Well				
MW - 9	02/28/11			Not Sampled Due to PSH in Well				

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS PIPELINE, L.P.
TNM 97-04
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8015M		EPA SW 846-8021B, 5030				
		GRO C6-C12 mg/L	DRO C35 C12 mg/L	BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
MW - 9	05/12/11			Not Sampled Due to PSH in Well				
MW - 9	08/15/11			Not Sampled Due to PSH in Well				
MW - 9	11/22/11			Not Sampled Due to PSH in Well				
MW - 10	03/02/00			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 10	04/25/00			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 10	09/06/00			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 10	11/28/00			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 10	02/21/01			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 10	05/31/01			<0.001	<0.001	<0.001	<0.001	
MW - 10	08/23/01			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 10	11/21/01			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 10	02/13/02			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 10	06/12/02			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 10	08/26/02			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 10	11/21/02			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 10	02/06/03			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 10	05/07/03			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 10	08/18/03			0.005	0.002	<0.001	0.001	<0.001
MW - 10	12/01/03			0.002	0.001	<0.001	<0.002	<0.001
MW - 10	02/05/04			<0.001	<0.001	<0.001	<0.002	<0.001
MW - 10	12/15/04			<0.001	<0.001	<0.001	<0.001	
MW - 10	03/22/05			Not Sampled Due to Sample Reduction				
MW - 10	06/22/05			Not Sampled Due to Sample Reduction				
MW - 10	09/21/05			Not Sampled Due to Sample Reduction				
MW - 10	12/16/05			<0.001	<0.001	<0.001	<0.001	
MW - 10	03/20/06			Not Sampled Due to Sample Reduction				
MW - 10	06/21/06			Not Sampled Due to Sample Reduction				
MW - 10	09/27/06			Not Sampled Due to Sample Reduction				
MW - 10	12/04/06			<0.001	<0.001	<0.001	<0.001	
MW - 10	11/12/07			<0.001	<0.001	<0.001	<0.001	
MW - 10	12/08/08			<0.001	<0.001	<0.001	<0.001	
MW - 10	02/19/09			Not Sampled Due to Sample Reduction				
MW - 10	05/20/09			Not Sampled Due to Sample Reduction				
MW - 10	08/12/09			Not Sampled Due to Sample Reduction				
MW - 10	11/25/09			<0.001	<0.001	<0.001	<0.001	
MW - 10	02/11/10			Not Sampled Due to Sample Reduction				
MW - 10	05/17/10			Not Sampled Due to Sample Reduction				
MW - 10	08/16/10			Not Sampled Due to Sample Reduction				
MW - 10	11/10/10			<0.001	<0.001	<0.001	<0.001	
MW - 10	02/28/11			Not Sampled Due to Sample Reduction				
MW - 10	05/12/11			Not Sampled Due to Sample Reduction				
MW - 10	08/15/11			Not Sampled Due to Sample Reduction				

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS PIPELINE, L.P.
TNM 97-04
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8015M		EPA SW 846-8021B, 5030				
		GRO C6-C12 mg/L	DRO C35 mg/L	BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
MW - 10	11/22/11			<0.001	<0.001	<0.001	<0.001	
MW - 11	03/02/00			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	04/25/00			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	09/06/00			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	11/28/00			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	02/21/01			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	05/31/01			0.015	<0.001	<0.001	<0.001	
MW - 11	08/23/01			0.005	<0.001	<0.001	<0.001	<0.001
MW - 11	11/21/01			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	02/13/02			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	06/12/02			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	08/26/02			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	11/21/02			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	02/06/03			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	05/07/03			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 11	08/18/03			0.006	<0.001	<0.001	0.006	<0.001
MW - 11	12/01/03			0.039	<0.001	0.002	0.004	<0.001
MW - 11	02/05/04			<0.001	<0.001	<0.001	0.017	<0.001
MW - 11	05/05/04			<0.001	<0.001	<0.001	0.005	<0.001
MW - 11	09/01/04			<0.001	<0.001	<0.001	0.006	<0.001
MW - 11	12/15/04			<0.001	<0.001	<0.001	0.002	
MW - 11	03/22/05			<0.001	<0.001	<0.001	<0.001	
MW - 11	06/22/05			<0.001	<0.001	<0.001	<0.001	
MW - 11	09/21/05			<0.001	<0.001	<0.001	<0.001	
MW - 11	12/16/05			<0.001	<0.001	<0.001	<0.001	
MW - 11	03/20/06			<0.001	<0.001	<0.001	<0.001	
MW - 11	06/21/06			<0.001	<0.001	<0.001	<0.001	
MW - 11	09/27/06			Not Sampled Due to Sample Reduction				
MW - 11	12/04/06			<0.001	<0.001	<0.001	<0.001	
MW - 11	11/12/07			<0.001	<0.001	<0.001	<0.001	
MW - 11	12/08/08			<0.001	<0.001	<0.001	<0.001	
MW - 11	02/19/09			Not Sampled Due to Sample Reduction				
MW - 11	05/20/09			Not Sampled Due to Sample Reduction				
MW - 11	08/12/09			Not Sampled Due to Sample Reduction				
MW - 11	11/25/09			<0.001	<0.001	<0.001	<0.001	
MW - 11	02/11/10			Not Sampled Due to Sample Reduction				
MW - 11	05/17/10			Not Sampled Due to Sample Reduction				
MW - 11	08/16/10			Not Sampled Due to Sample Reduction				
MW - 11	11/10/10			<0.001	<0.001	<0.001	<0.001	
MW - 11	02/28/11			Not Sampled Due to Sample Reduction				
MW - 11	05/12/11			Not Sampled Due to Sample Reduction				
MW - 11	08/15/11			Not Sampled Due to Sample Reduction				

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS PIPELINE, L.P.
TNM 97-04
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8015M		EPA SW 846-8021B, 5030				
		GRO C6-C12 mg/L	DRO C35 mg/L	BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
MW - 11	11/22/11			<0.001	<0.001	<0.001	<0.001	
MW - 12	03/02/00			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	04/25/00			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	09/06/00			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	11/28/00			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	02/21/01			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	05/31/01			<0.001	<0.001	<0.001	<0.001	
MW - 12	08/23/01			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	11/21/01			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	02/13/02			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	06/12/02			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	08/26/02			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	11/21/02			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	02/06/03			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	05/07/03			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	08/18/03			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 12	12/01/03			0.002	0.001	<0.001	<0.002	<0.001
MW - 12	02/05/04			<0.001	<0.001	<0.001	<0.002	<0.001
MW - 12	12/15/04			<0.001	<0.001	<0.001	<0.001	
MW - 12	03/22/05			Not Sampled Due to Sample Reduction				
MW - 12	06/22/05			Not Sampled Due to Sample Reduction				
MW - 12	09/21/05			Not Sampled Due to Sample Reduction				
MW - 12	12/16/05			<0.001	<0.001	<0.001	<0.001	
MW - 12	03/20/06			Not Sampled Due to Sample Reduction				
MW - 12	06/21/06			Not Sampled Due to Sample Reduction				
MW - 12	09/27/06			Not Sampled Due to Sample Reduction				
MW - 12	12/04/06			<0.001	<0.001	<0.001	<0.001	
MW - 12	11/12/07			<0.001	<0.001	<0.001	<0.001	
MW - 12	09/04/08			0.916	<0.005	<0.005	<0.005	
MW - 12	12/08/08			<0.001	<0.001	<0.001	0.007	
MW - 12	02/19/09			<0.001	<0.001	<0.001	<0.001	
MW - 12	05/20/09			Not Sampled Due to Sample Reduction				
MW - 12	08/12/09			Not Sampled Due to Sample Reduction				
MW - 12	11/25/09			<0.001	<0.001	<0.001	<0.001	
MW - 12	02/11/10			Not Sampled Due to Sample Reduction				
MW - 12	05/17/10			Not Sampled Due to Sample Reduction				
MW - 12	08/16/10			Not Sampled Due to Sample Reduction				
MW - 12	11/10/10			<0.001	<0.001	<0.001	<0.001	
MW - 12	02/28/11			Not Sampled Due to Sample Reduction				
MW - 12	05/12/11			Not Sampled Due to Sample Reduction				
MW - 12	08/15/11			Not Sampled Due to Sample Reduction				
MW - 12	11/22/11			<0.001	<0.001	<0.001	<0.001	

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS PIPELINE, L.P.
TNM 97-04
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8015M		EPA SW 846-8021B, 5030				
		GRO C6-C12 mg/L	DRO C35 mg/L	BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
MW - 13	03/02/00			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 13	04/25/00			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 13	09/06/00			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 13	11/28/00			0.004	<0.001	<0.001	<0.001	<0.001
MW - 13	02/21/01			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 13	05/31/01			<0.001	<0.001	<0.001	<0.001	
MW - 13	08/23/01			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 13	11/21/01			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 13	02/13/02			0.007	<0.001	<0.001	<0.001	<0.001
MW - 13	06/12/02			0.115	<0.001	<0.001	0.013	<0.001
MW - 13	08/26/02			0.046	<0.001	<0.001	0.024	<0.001
MW - 13	11/21/02			0.010	<0.001	<0.001	0.045	<0.001
MW - 13	02/06/03			<0.001	<0.001	<0.001	0.028	<0.001
MW - 13	05/07/03			0.003	<0.001	<0.001	0.019	<0.001
MW - 13	08/18/03			0.002	<0.001	<0.001	0.035	<0.001
MW - 13	12/01/03			<0.001	<0.001	<0.001	0.018	<0.001
MW - 13	02/05/04			0.002	<0.001	0.001	0.053	<0.001
MW - 13	05/05/04			<0.001	<0.001	0.001	0.002	<0.001
MW - 13	09/01/04			<0.001	<0.001	0.002	0.016	<0.001
MW - 13	12/15/04			<0.001	<0.001	<0.001	0.002	
MW - 13	03/22/05			<0.001	<0.001	<0.001	<0.001	
MW - 13	06/22/05			<0.001	<0.001	<0.001	0.005	
MW - 13	09/21/05			<0.001	<0.001	<0.001	0.003	
MW - 13	12/16/05			<0.001	<0.001	<0.001	0.0074	
MW - 13	03/20/06			0.001	<0.001	0.001	0.0106	
MW - 13	06/21/06			0.008	<0.001	0.003	0.0064	
MW - 13	09/27/06			0.103	<0.001	0.011	0.0115	
MW - 13	12/04/06			0.293	<0.001	0.011	0.0094	
MW - 13	03/14/07			0.530	<0.005	0.029	0.0161	
MW - 13	05/29/07			0.496	<0.005	<0.005	<0.005	
MW - 13	08/30/07			0.609	<0.005	0.0201	<0.005	
MW - 13	11/12/07			0.350	<0.005	<0.005	<0.005	
MW - 13	03/07/08			0.0279	<0.005	<0.005	<0.005	
MW - 13	06/02/08			0.662	<0.001	0.0173	<0.010	
MW - 13	09/03/08			0.974	<0.005	0.0143	0.0206	
MW - 13	12/08/08			1.200	<0.005	<0.005	<0.005	
MW - 13	02/19/09			0.548	<0.005	<0.005	0.0151	
MW - 13	05/20/09			0.667	<0.005	0.072	0.1920	
MW - 13	08/12/09			1.470	<0.005	0.047	0.1630	
MW - 13	11/25/09			1.420	<0.005	<0.005	<0.005	
MW - 13	02/11/10			1.920	<0.005	<0.005	<0.005	
MW - 13	05/17/10			0.666	<0.005	<0.005	<0.005	

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS PIPELINE, L.P.
 TNM 97-04
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8015M		EPA SW 846-8021B, 5030				
		GRO C6-C12 mg/L	DRO C35 mg/L	BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
MW - 13	08/16/10			1.810	<0.0200	0.0367	<0.0200	
MW - 13	11/10/10			2.040	<0.0200	<0.0200	<0.0200	
MW - 13	02/28/11			2.160	<0.005	0.0426	<0.005	
MW - 13	05/12/11			3.130	<0.0200	0.2550	<0.0200	
MW - 13	08/15/11			0.738	<0.0200	<0.0200	<0.0200	
MW - 13	11/22/11			0.810	<0.0200	0.0714	<0.0200	
MW - 14	03/02/00			0.141	0.032	0.056	0.038	0.008
MW - 14	04/25/00			0.368	0.045	0.106	0.061	0.017
MW - 14	09/06/00			0.609	0.015	0.124	0.024	0.020
MW - 14	11/28/00			0.691	0.022	0.107	0.038	0.034
MW - 14	02/21/01			0.921	0.061	0.194	0.114	0.088
MW - 14	05/31/01			1.030	0.223	0.172	0.339	
MW - 14	08/23/01			1.780	0.865	0.315	0.491	0.235
MW - 14	11/21/01			0.623	0.301	0.131	0.162	0.068
MW - 14	02/13/02			0.572	0.414	0.142	0.213	0.093
MW - 14	06/12/02			0.718	0.470	0.144	0.187	0.087
MW - 14	08/26/02			0.606	0.355	0.147	0.188	0.089
MW - 14	11/21/02			0.850	0.666	0.178	0.350	0.175
MW - 14	02/06/03			1.100	0.651	0.256	0.450	0.243
MW - 14	05/07/03			1.880	1.180	0.463	0.839	0.470
MW - 14	08/18/03			0.833	0.242	0.235	0.366	0.213
MW - 14	12/01/03			0.791	0.319	0.211	0.397	0.191
MW - 14	02/05/04			0.763	0.819	0.226	0.492	0.218
MW - 14	05/05/04			0.811	0.234	0.233	0.580	0.275
MW - 14	12/15/04			0.071	0.019	0.021	0.078	
MW - 14	03/22/05			0.274	0.017	0.049	0.313	
MW - 14	06/22/05			0.543	0.283	0.379	1.130	
MW - 14	09/21/05			0.413	0.159	0.318	0.996	
MW - 14	12/16/05			0.361	0.279	0.291	0.956	
MW - 14	03/20/06			0.405	0.300	0.321	1.040	
MW - 14	06/21/06			0.414	0.352	0.322	1.060	
MW - 14	09/27/06			0.063	0.096	0.075	0.222	
MW - 14	12/04/06			0.249	0.157	0.263	0.954	
MW - 14	03/14/07			0.194	0.292	0.220	0.751	
MW - 14	05/29/07			0.212	0.097	0.251	0.807	
MW - 14	08/30/07			0.129	0.0891	0.211	0.671	
MW - 14	11/12/07			0.092	0.0249	0.196	0.634	
MW - 14	03/07/08			0.0338	<0.001	0.0609	0.464	
MW - 14	06/02/08			0.0920	0.0310	0.1470	0.480	
MW - 14	09/03/08			0.0933	0.0025	0.2080	0.787	
MW - 14	12/08/08			0.0264	<0.001	0.0908	0.399	
MW - 14	02/19/09			Not Sampled				

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS PIPELINE, L.P.
TNM 97-04
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8015M		EPA SW 846-8021B, 5030				
		GRO C6-C12 mg/L	DRO C35 mg/L	BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
MW - 14	05/20/09			0.0456	0.0053	0.1500	0.580	
MW - 14	08/12/09			0.0439	<0.001	0.1570	0.669	
MW - 14	11/25/09			0.0181	<0.001	0.0102	0.167	
MW - 14	05/17/10			0.0107	<0.001	0.0681	0.248	
MW - 14	08/16/10			<0.001	0.0024	0.0372	0.134	
MW - 14	11/10/10			0.0057	<0.001	0.0127	0.0494	
MW - 14	05/12/11			0.0116	<0.001	0.0575	0.1050	
MW - 14	08/15/11			<0.001	<0.001	<0.001	<0.001	
MW - 14	11/22/11			0.0026	<0.001	0.0166	0.0318	
MW - 15	03/02/00			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 15	04/25/00			0.649	<0.001	<0.001	0.018	0.019
MW - 15	09/06/00			0.010	<0.001	0.003	0.024	<0.001
MW - 15	11/28/00			1.380	<0.010	<0.010	0.031	<0.010
MW - 15	02/21/01			2.870	<0.010	0.011	0.058	<0.010
MW - 15	05/31/01			3.830	<0.001	0.049	0.101	
MW - 15	08/23/01			4.600	0.001	0.077	0.075	0.009
MW - 15	11/21/01			4.000	0.012	0.117	0.084	0.039
MW - 15	02/13/02			2.910	0.020	0.128	0.063	0.060
MW - 15	06/12/02			5.430	0.004	0.216	0.032	0.057
MW - 15	08/26/02			4.590	0.002	0.183	0.230	0.300
MW - 15	11/21/02			8.130	0.002	0.384	0.009	<0.001
MW - 15	02/06/03			2.070	<0.001	0.041	0.010	<0.001
MW - 15	05/07/03			1.890	<0.001	0.006	<0.001	<0.001
MW - 15	08/18/03			1.910	0.001	0.122	0.006	<0.001
MW - 15	12/01/03			1.190	<0.001	0.057	0.006	<0.001
MW - 15	02/05/04			3.680	0.016	0.191	0.043	0.016
MW - 15	05/05/04			1.700	0.026	0.085	0.030	0.027
MW - 15	12/15/04			0.545	<0.0200	<0.0200	<0.0200	
MW - 15	03/22/05			2.380	0.057	0.163	0.140	
MW - 15	06/22/05			7.790	0.125	0.427	0.528	
MW - 15	09/21/05			4.470	<0.1	0.241	0.303	
MW - 15	12/16/05			5.650	0.103	0.273	0.275	
MW - 15	03/20/06			4.720	<0.2	0.217	0.337	
MW - 15	06/21/06			3.060	<0.2	<0.2	<0.2	
MW - 15	09/27/06			0.806	<0.02	0.031	0.065	
MW - 15	12/04/06			2.950	<0.02	0.224	0.346	
MW - 15	03/14/07			1.82	<0.05	0.144	0.138	
MW - 15	05/29/07			3.73	<0.2	<0.2	<0.2	
MW - 15	08/30/07			2.330	<0.002	0.184	0.175	
MW - 15	11/12/07			4.370	<0.05	0.487	0.621	
MW - 15	03/07/08			0.556	<0.05	<0.05	0.135	
MW - 15	06/02/08			1.880	<0.010	0.164	0.210	

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS PIPELINE, L.P.
TNM 97-04
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8015M		EPA SW 846-8021B, 5030				
		GRO C6-C12 mg/L	DRO C35 mg/L	BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
MW - 15	09/03/08			4.310	<0.0200	0.348	0.387	
MW - 15	12/08/08			2.870	<0.0200	0.230	0.181	
MW - 15	02/19/09			0.673	<0.005	0.0472	0.0094	
MW - 15	05/20/09			2.050	<0.005	0.2190	0.1430	
MW - 15	08/12/09			0.510	<0.005	0.0523	0.0653	
MW - 15	11/25/09			1.390	<0.005	0.0820	0.0206	
MW - 15	02/11/10			1.640	<0.005	0.1410	0.0821	
MW - 15	05/21/10			0.787	<0.005	0.0366	0.0447	
MW - 15	08/16/10			0.819	<0.0100	0.0350	0.0217	
MW - 15	11/10/10			0.0785	<0.0100	<0.0100	<0.0100	
MW - 15	02/28/11			0.500	<0.0200	<0.0200	<0.0200	
MW - 15	05/12/11			4.210	<0.0200	0.3500	0.4040	
MW - 15	08/15/11			1.050	<0.0200	<0.0200	<0.0200	
MW - 15	11/22/11			1.490	<0.0200	0.0731	0.0676	
MW - 16	01/10/03			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 16	05/07/03			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 16	08/18/03			0.008	0.003	<0.001	0.002	<0.001
MW - 16	12/01/03			0.014	0.005	0.003	0.005	0.003
MW - 16	02/05/04			<0.001	<0.001	<0.001	<0.002	<0.001
MW - 16	05/05/04			<0.001	<0.001	<0.001	<0.002	<0.001
MW - 16	12/15/04			<0.001	<0.001	<0.001	<0.001	
MW - 16	03/22/05			<0.001	<0.001	<0.001	<0.001	
MW - 16	06/22/05			<0.001	<0.001	<0.001	<0.001	
MW - 16	09/21/05			<0.005	<0.005	<0.005	<0.005	
MW - 16	12/16/05			<0.005	<0.005	<0.005	<0.005	
MW - 16	03/20/06			<0.005	<0.005	<0.005	<0.005	
MW - 16	06/21/06			<0.001	<0.001	<0.001	<0.001	
MW - 16	09/27/06			Not Sampled Due to Sample Reduction				
MW - 16	12/04/06			<0.001	<0.001	<0.001	<0.001	
MW - 16	05/29/07			<0.001	<0.001	<0.001	<0.001	
MW - 16	11/12/07			<0.001	<0.001	<0.001	<0.001	
MW - 16	09/03/08			<0.001	<0.001	<0.001	<0.001	
MW - 16	12/08/08			<0.001	<0.001	<0.001	<0.001	
MW - 16	02/19/09			Not Sampled Due to Sample Reduction				
MW - 16	05/20/09			<0.001	<0.001	<0.001	<0.001	
MW - 16	08/12/09			Not Sampled Due to Sample Reduction				
MW - 16	11/25/09			<0.001	<0.001	<0.001	<0.001	
MW - 16	02/11/10			Not Sampled Due to Sample Reduction				
MW - 16	05/21/10			<0.001	<0.001	<0.001	<0.001	
MW - 16	08/16/10			Not Sampled Due to Sample Reduction				
MW - 16	11/10/10			<0.001	<0.001	<0.001	<0.001	
MW - 16	02/28/11			Not Sampled Due to Sample Reduction				

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS PIPELINE, L.P.
TNM 97-04
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8015M		EPA SW 846-8021B, 5030				
		GRO C6-C12 mg/L	DRO C35 mg/L	BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
MW - 16	05/12/11			<0.001	<0.001	<0.001	<0.001	
MW - 16	08/15/11			Not Sampled Due to Sample Reduction				
MW - 16	11/22/11			<0.001	<0.001	<0.001	<0.001	
MW - 17	01/10/03			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 17	05/07/03			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 17	08/18/03			<0.001	<0.001	<0.001	<0.001	<0.001
MW - 17	12/01/03			<0.001	<0.001	<0.001	<0.002	<0.001
MW - 17	02/05/04			<0.001	<0.001	<0.001	<0.002	<0.001
MW - 17	05/05/04			<0.001	<0.001	<0.001	<0.002	<0.001
MW - 17	09/01/04			<0.001	<0.001	<0.001	<0.002	<0.001
MW - 17	12/15/04			<0.001	<0.001	<0.001	<0.001	
MW - 17	03/22/05			<0.001	<0.001	<0.001	<0.001	
MW - 17	06/22/05			<0.001	<0.001	<0.001	<0.001	
MW - 17	09/21/05			<0.001	<0.001	<0.001	<0.001	
MW - 17	12/16/05			<0.001	<0.001	<0.001	<0.001	
MW - 17	03/20/06			<0.001	<0.001	<0.001	<0.001	
MW - 17	06/21/06			Not Sampled				
MW - 17	08/09/06			Plugged and Abandoned				
MW - 18	08/12/09			<0.001	<0.001	<0.001	<0.001	
MW - 18	11/25/09			<0.001	<0.001	<0.001	<0.001	
MW - 18	02/11/10			<0.001	<0.001	<0.001	<0.001	
MW - 18	05/17/10			<0.001	<0.001	<0.001	<0.001	
MW - 18	08/16/10			<0.001	<0.001	<0.001	<0.001	
MW - 18	11/10/10			<0.001	<0.001	<0.001	<0.001	
MW - 18	02/28/11			<0.001	<0.001	<0.001	<0.001	
MW - 18	05/12/11			<0.001	<0.001	<0.001	<0.001	
MW - 18	08/15/11			<0.001	<0.001	<0.001	<0.001	
MW - 18	11/22/11			<0.001	<0.001	<0.001	<0.001	
RW - 1	03/22/05			Not Sampled Due to PSH in Well				
RW - 1	06/22/05			Not Sampled Due to PSH in Well				
RW - 1	09/21/05			Not Sampled Due to PSH in Well				
RW - 1	12/16/05			Not Sampled Due to PSH in Well				
RW - 1	03/20/06			Not Sampled Due to PSH in Well				
RW - 1	06/21/06			Not Sampled Due to PSH in Well				
RW - 1	09/27/06			Not Sampled Due to PSH in Well				
RW - 1	12/04/06			Not Sampled Due to PSH in Well				
RW - 1	12/10/08	38.20	32.10	10.10	2.440	0.792	1.500	
RW - 1	02/19/09			Not Sampled Due to PSH in Well				
RW - 1	05/20/09			Not Sampled Due to PSH in Well				
RW - 1	08/12/09			Not Sampled Due to PSH in Well				

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS PIPELINE, L.P.
 TNM 97-04
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0294

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8015M		EPA SW 846-8021B, 5030				
		GRO C6-C12 mg/L	DRO C35 mg/L	BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENES
RW - 1	11/25/09	42.70	89.00	11.10	5.480	0.946	2.270	
RW - 1	02/11/10			Not Sampled Due to PSH in Well				
RW - 1	05/17/10			Not Sampled Due to PSH in Well				
RW - 1	08/16/10			Not Sampled Due to PSH in Well				
RW - 1	11/10/10			Not Sampled Due to PSH in Well				
RW - 1	02/28/11			Not Sampled Due to PSH in Well				
RW - 1	05/12/11			Not Sampled Due to PSH in Well				
RW - 1	08/15/11			Not Sampled Due to PSH in Well				
RW - 1	11/22/11			Not Sampled Due to PSH in Well				

TABLE 3

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-04 TOWNSEND
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0294

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	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---	
MW-2	12/10/08	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.0109	<0.000922	<0.000922	0.0429	<0.000922	0.0587	<0.000922	0.232	0.354	0.417	0.0377
	11/25/09	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.0276	<0.000922	0.0378	<0.000922	0.207	0.274	0.337	0.0267
	11/10/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/15/11	Not Sampled due to the presence of PSH.																		
MW-3	12/10/08	<0.000184	0.00934	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00578	<0.000184	<0.000184	0.024	<0.000184	0.0368	<0.000184	0.192	0.348	0.409	0.0228
	11/25/09	<0.0370	<0.0370	<0.0370	<0.0370	<0.0370	<0.0370	<0.0370	<0.0370	<0.0370	<0.0370	<0.0370	0.788	<0.0370	1.06	<0.0370	3.87	7.02	8.74	0.626
	11/10/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/15/11	Not Sampled due to the presence of PSH.																		
MW-4	12/10/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.0039	<0.000184	0.00376	<0.000184	0.0668	0.0435	0.0423	0.00414
	11/25/09	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	0.0143	<0.000917	0.0181	<0.000917	0.103	0.118	0.089	0.0123
	11/10/10	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00338	<0.000184	0.00404	<0.000184	0.0279	0.035	0.0188	0.00247
	12/15/11	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	0.00322	<0.000187	0.00423	<0.000187	0.0469	0.0371	0.0317	0.00409
MW-5	12/10/08	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	0.0424	<0.000935	0.192	0.301	0.346	0.0316
	11/25/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00909	<0.000184	0.0104	<0.000184	0.0905	0.0931	0.107	0.00848
	11/10/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/15/11	Not Sampled due to the presence of PSH.																		
MW-6	12/10/08	<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	0.00706	<0.000184	0.0921	0.0687	0.0744	0.00635
	11/25/09	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.0528	<0.000922	0.0648	<0.000922	0.294	0.498	0.569	0.0467
	11/10/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/15/11	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	0.00132	<0.000190	0.00137	<0.000190	0.0179	0.0212	0.0179	0.00158
MW-7	12/08/08	<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	0.0002	<0.000184	<0.000184	<0.000184	<0.000184
	11/25/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
	11/10/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 3

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-04 TOWNSEND

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0294

All water concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		--	--	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	--	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			--
MW-9	12/10/08	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	0.0134	<0.000926	0.016	<0.000926	0.102	0.122	0.138	0.0127
	11/25/09	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	0.0250	<0.000917	0.0315	<0.000917	0.125	0.221	0.253	0.0201
	11/10/10	Not Sampled as part of Quarterly Monitoring Event.																		
		Not Sampled due to the presence of PSH.																		
MW-10	12/08/08	<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
	11/25/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
	11/10/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	12/08/08	<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
	11/25/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
	11/10/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	12/08/08	<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
	11/25/09	<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
	11/10/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-13	12/08/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000294	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00116
	11/25/09	<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	0.000638
	11/10/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-14	12/08/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.000417	<0.000185	0.000311	<0.000185	0.00328	0.00314	0.00298	0.000355
	11/25/09	<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	0.00605	0.00516	0.00321	<0.000184
	11/10/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 3

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-04 TOWNSEND

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0294

All water concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
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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	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			--	
MW-15	12/08/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000558	<0.000184	0.000384	<0.000184	0.00993	0.00525	0.00386	0.000687
	11/25/09	<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	0.00209	0.00101	<0.000184	<0.000184	
	11/10/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	12/08/08	<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	
	11/25/09	<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	
	11/10/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																		
MW-18	11/25/09	<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	
	11/10/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/31/11	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000262	
RW-1	12/10/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.0085	<0.000184	0.0104	<0.000184	0.075	0.0857	0.0912	0.00817	
	11/25/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.0120	<0.000184	0.0131	<0.000184	0.0961	0.113	0.126	0.0100	
	11/10/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/15/11	Not Sampled due to the presence of PSH.																		