

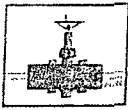
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ANNUAL MONITORING REPORT

YEAR(S):

2010



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March 23, 2011

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Mr. Edward Hansen
New Mexico Oil Conservation Division
Environmental Bureau
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

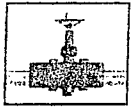
Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

Re: Plains All American – 2010 Annual Monitoring Reports
20 Sites in Lea County, New Mexico

Dear Mr. Hansen:

Plains All American is an operator of crude oil pipelines and terminal facilities in the state of New Mexico. Plains All American actively monitors certain historical release sites exhibiting groundwater impacts, consistent with assessments and work plans developed in consultation with the New Mexico Oil Conservation Division (NMOCD). In accordance with the rules and regulations of the NMOCD, Plains All American hereby submits our Annual Monitoring reports for the following sites:

34 Junc. to Lea Sta.	1R-0386 ✓	Section 21, Township 20 South, Range 37 East, Lea County
34 Junction South	1R-0456 ✓	Section 02, Township 17 South, Range 36 East, Lea County
Bob Durham	AP-0016 ✓	Section 32, Township 19 South, Range 37 East, Lea County
Darr Angell #1	AP-007 ✓	Section 11, Township 15 South, Range 37 East, Lea County
Darr Angell #2	AP-007 ✓	Section 11, Township 15 South, Range 37 East, Lea County
		Section 14, Township 15 South, Range 37 East, Lea County
Darr Angell #4	AP-007 ✓	Section 11, Township 15 South, Range 37 East, Lea County
		Section 02, Township 15 South, Range 37 East, Lea County
Denton Station	1R-0234 ✓	Section 14, Township 15 South, Range 37 East, Lea County
HDO-90-23	AP-009 ✓	Section 06, Township 20 South, Range 37 East, Lea County
LF-59	1R-0103	Section 32, Township 19 South, Range 37 East, Lea County
Monument 2	1R-0110	Section 06, Township 20 South, Range 37 East, Lea County
		Section 07, Township 20 South, Range 37 East, Lea County
Monument 10	1R-0119	Section 30, Township 19 South, Range 37 East, Lea County
Monument 17	1R-123	Section 29, Township 19 South, Range 37 East, Lea County
Monument 18	1R-0124	Section 07, Township 20 South, Range 37 East, Lea County
S. Mon. Gath. Sour	1R-951	Section 05, Township 20 South, Range 37 East, Lea County
SPS-11	GW-0140 ✓	Section 18, Township 18 South, Range 36 East, Lea County
Texaco Skelly F	1R-0420	Section 11, Township 21 South, Range 37 East, Lea County
TNM 97-04	GW-0294 ✓	Section 11, Township 16 South, Range 35 East, Lea County
TNM 97-17	AP-017 ✓	Section 21, Township 20 South, Range 37 East, Lea County
TNM 97-18	AP-0013 ✓	Section 28, Township 20 South, Range 37 East, Lea County
TNM 98-05A	AP-12	Section 26, Township 21 South, Range 37 East, Lea County



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Nova Safety and Environmental (Nova) prepared these documents and has vouched for their accuracy and completeness, and on behalf of Plains All American, I have personally reviewed the documents and interviewed Nova personnel in order to verify the accuracy and completeness of these documents. It is based upon these inquiries and reviews that Plains All American submits the enclosed Annual Monitoring Reports for the above facilities.

If you have any questions or require further information, please contact me at (575) 441-1099.

Sincerely,

Jason Henry
Remediation Coordinator
Plains All American

CC: Geoff Leking, NMOCD, Hobbs, NM

Enclosures



**2010
ANNUAL MONITORING REPORT**

TNM 97-17

NE 1/4 SW 1/4 SECTION 21, TOWNSHIP 20 SOUTH RANGE 37 EAST
LEA COUNTY, NEW MEXICO
PLAINS MARKETING SRS NUMBER: TNM 97-17
NMOCD REFERENCE AP-017

PREPARED FOR:

PLAINS MARKETING, L.P.
333 CLAY STREET SUITE 1600
HOUSTON, TEXAS 77022



PREPARED BY:

NOVA Safety and Environmental
2057 Commerce Street
Midland, Texas 79703

March 2011


Ronald K. Rounsaville
Senior Project Manager

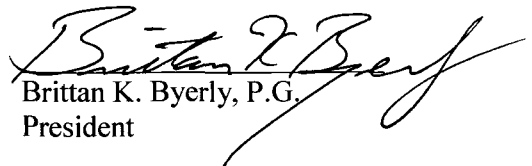

Brittan K. Byerly, P.G.
President

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2B – Inferred Groundwater Gradient Map – May 12, 2010

2C – Inferred Groundwater Gradient Map – August 11, 2010

2D – Inferred Groundwater Gradient Map – November 11, 2010

Figure 3A – Groundwater Concentration and Inferred PSH Extent Map – February 9, 2010

3B – Groundwater Concentration and Inferred PSH Extent Map – May 12, 2010

3C – Groundwater Concentration and Inferred PSH Extent Map – August 11, 2010

3D – Groundwater Concentrations and Inferred PSH Extent Map – November 11, 2010

TABLES

Table 1 – 2010 Groundwater Elevation Data

Table 2 – 2010 Concentrations of BTEX and TPH in Groundwater

Table 3 – 2010 Concentrations of PAH in Groundwater

APPENDICES

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

ENCLOSED ON DATA DISK

2010 Annual Monitoring Report

2010 Tables 1, 2 and 3 – Groundwater Elevation, BTEX and PAH Concentration Data

2010 Figures 1, 2A-2D, and 3A-3D

Electronic Copies of Laboratory Reports

Historic Table 1 and 2 – 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 97-17 Pipeline Release Site, formally the responsibility of Enron Oil Trading and Transportation (EOTT) is the responsibility of Plains. The Release Notification and Corrective Action (Form C-141) is provided as Appendix A. This report is intended to be viewed as a complete document with figures, attachments, tables and text. The report presents the results of the quarterly groundwater monitoring events conducted in calendar year 2010 only. For reference, the Site Location Map is provided as Figure 1. Cumulative tables and laboratory data are provided on the enclosed data disk.

Groundwater monitoring was conducted during each quarter of 2010 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 sampled as per a NMOCD directive.

SITE DESCRIPTION AND BACKGROUND INFORMATION

The legal description of the site is NE 1/4 SW 1/4 Section 21, Township 20 South, Range 37 East, Lea County, New Mexico. The TNM 97-17 release was discovered by Texas New Mexico Pipe Line Company (TNM) and reported on August 19, 1997. An estimated 170 barrels of crude oil were released with 160 barrels recovered. The release occurred from a 16-inch pipeline and was attributed to structural failure associated with internal pipeline corrosion. The Release Notification and Corrective Action (Form C-141) is provided as Appendix A. Following completion of repairs to the pipeline, approximately 1,160 cubic yards of impacted soil was excavated and stockpiled on-site pending treatment. The groundwater at this site ranges from approximately 17 to 21 feet below ground surface (bgs).

Twenty-eight groundwater monitor wells (MW-1 through MW-28) and six PSH recovery wells (RW-1 through RW-6) are currently on-site. A pneumatic product recovery system operated on-site, incorporating recovery well RW-6 and monitor wells MW-8, MW-14 and MW-15. The automated recovery system was decommissioned in the summer of 2007, due to declining PSH thickness, which cannot be efficiently recovered utilizing the automated recovery system. Currently, manual PSH recovery is performed on a weekly basis for monitor and recovery wells exhibiting PSH.

FIELD ACTIVITIES

Product Recovery Efforts

A measurable thickness of PSH was recorded on five monitor wells and three recovery wells during the reporting period. The average thickness of PSH in monitor wells and recovery wells

exhibiting PSH was 0.29 feet. The maximum thickness of PSH in monitor wells and recovery wells during the 2010 reporting period was 2.05 feet in monitor well MW-7 on March 8, 2010. Groundwater elevation data for the 2010 gauging events can be found in Table 1. Approximately 167 gallons (4.0 barrels) of PSH were recovered from the site during the reporting period. Approximately 2,224 gallons (approximately 53 barrels) of PSH has been recovered since project inception.

Groundwater Monitoring

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

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

The site monitor wells were gauged and sampled on February 9, May 12, August 18, and November 11, 2010. During each sampling event, the monitor wells were purged of a minimum of three well volumes of water or until the wells were dry using a PVC bailer or electrical Grundfos pump. Groundwater was allowed to recharge and samples were collected using disposable Teflon samplers. Water samples were placed in clean glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of at a licensed disposal facility.

Locations of the monitor wells and the inferred groundwater gradient, which were constructed from measurements collected during the four quarterly monitoring events, are depicted on Figures 2A through 2D, the Inferred Groundwater Gradient Maps. Groundwater elevation data for 2010 is provided as Table 1. Historic groundwater elevation data beginning at project inception is provided on the enclosed data disk.

The most recent Groundwater Gradient Map, Figure 2D, indicates a general gradient of approximately 0.0125 feet/foot to the southeast as measured between monitor well MW-4 and MW-22. This is consistent with data presented on Figures 2A through 2C from earlier in the year. The corrected groundwater elevations ranged between 3,487.15 to 3,491.54 feet above mean sea level, in monitor well MW-22 on November 11, 2010 and in monitor well MW-5 on September 29, 2010, respectively.

LABORATORY RESULTS

Monitor wells MW-4, MW-7 and MW-8, MW-14 and MW-15 and recovery wells RW-5 and RW-6 contained measurable PSH throughout the 2010 reporting period. Recovery well RW-1 contained measurable PSH during at least two quarters of the reporting period and were not sampled.

Groundwater samples obtained during the quarterly sampling events of 2010 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 2010 calendar year on recovery well RW-4. 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 2010 are summarized in Table 2 and the Historic PAH constituent concentrations are summarized in Table 3. Copies of the laboratory reports generated for 2010 are provided on the enclosed data disk. The quarterly groundwater sample results for BTEX constituent concentrations are depicted on Figures 3A through 3D.

Monitor well MW-1 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below laboratory method detection limits (MDL) and NMOCD regulatory standards of 0.01 mg/L for benzene, 0.75 mg/L for toluene, 0.75 mg/L for ethylbenzene and 0.62 for xylene during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below regulatory standards for the last thirty-seven consecutive quarters. PAH analysis was not conducted on samples from MW-1 during the 4th quarter sampling event.

Monitor well MW-2 is sampled on an annual schedule and analytical results indicate benzene, toluene, ethylbenzene and xylene concentrations were below the MDL and NMOCD regulatory standards during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below regulatory standards for the last thirty-seven consecutive quarters. PAH analysis was not conducted on samples from MW-2 during the 4th quarter sampling event.

Monitor well MW-3 is sampled on an annual schedule and analytical results indicate benzene, toluene, ethylbenzene and xylene concentrations were below the MDL and NMOCD regulatory standards, during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below regulatory standards for the last thirty-seven consecutive quarters. PAH analysis was not conducted on samples from MW-3 during the 4th quarter sampling event.

Monitor well MW-4 is monitored on a quarterly schedule. Monitor well MW-4 was not sampled during the 1st, 2nd, 3rd and 4th quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 0.06 feet, 0.19 feet, 0.26 feet and 0.41 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2010, respectively. PAH analysis was not conducted on samples from MW-4 during the 4th quarter sampling event.

Monitor well MW-5 is sampled on a quarterly schedule. Analytical results on groundwater samples collected indicate benzene concentrations ranged from <0.005 mg/L during the 4th quarter to 0.0696 mg/L during the 1st quarter of 2010. Benzene concentrations were above the NMOCD regulatory standard during the 1st and 2nd quarters of the reporting period. Toluene concentrations were below MDLs and NMOCD regulatory standards during all four quarters of the reporting period. Ethylbenzene concentrations ranged from <0.005 mg/L during the 4th quarter to 0.0058 mg/L during the 1st quarter of 2010. Ethylbenzene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 2nd quarter to 0.0138 mg/L during the 1st quarter of 2010. Xylene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. PAH analysis was not conducted on samples from MW-5 during the 4th quarter sampling event.

Monitor well MW-6 is monitored on a quarterly schedule. Analytical results on groundwater samples collected indicate benzene concentrations ranged from <0.100 mg/L during the 3rd quarter to 0.0255 mg/L during the 4th quarter of 2010. Benzene concentrations were above the NMOCD regulatory standard during the 1st and 4th quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of the reporting period. Ethylbenzene concentrations ranged from <0.005 mg/L during the 4th quarter to 0.0067 mg/L during the 1st quarter of 2010. Ethylbenzene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 2nd quarter to 0.0036 mg/L during the 1st quarter of 2010. Xylene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. PAH analysis was not conducted on samples from MW-6 during the 4th quarter sampling event.

Monitor well MW-7 is monitored on a quarterly schedule. Monitor well MW-7 was not sampled during the 1st, 2nd, 3rd and 4th quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 0.15 feet, 0.34 feet, 0.19 feet and 0.42 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2010, respectively. PAH analysis was not conducted on samples from MW-7 during the 4th quarter sampling event.

Monitor well MW-8 is monitored on a quarterly schedule. Monitor well MW-8 was not sampled during the 1st, 2nd, 3rd and 4th quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 0.18 feet, 0.18 feet, 0.28 feet and 0.64 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2010, respectively. PAH analysis was not conducted on samples from MW-8 during the 4th quarter sampling event.

Monitor well MW-9 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 3rd quarter to 0.0084 mg/L during the 1st quarter of 2010. Benzene concentrations were below the NMOCD regulatory standard during all four quarters of the reporting period. Toluene, ethylbenzene and xylene concentrations were below the MDL and the NMOCD regulatory standards during all four quarters of the reporting period. PAH analysis was not conducted on samples from MW-9 during the 4th quarter sampling event.

Monitor well MW-10 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.005 mg/L during the 4th quarter to 0.009 mg/L during the 2nd quarter of 2010. Benzene concentrations were below the NMOCD regulatory standard during all four quarters of the reporting period. Toluene, ethylbenzene and xylene concentrations were below the MDL and the NMOCD regulatory standards during all four quarters of the reporting period. PAH analysis was not conducted on samples from MW-10 during the 4th quarter sampling event.

Monitor well MW-11 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below regulatory standards for the last twenty-six consecutive quarters. PAH analysis was not conducted on samples from MW-11 during the 4th quarter sampling event.

Monitor well MW-12 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below regulatory standards for the last twenty-seven consecutive quarters. PAH analysis was not conducted on samples from MW-12 during the 4th quarter sampling event.

Monitor well MW-13 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below regulatory standards for the last twenty-seven consecutive quarters. PAH analysis was not conducted on samples from MW-13 during the 4th quarter sampling event.

Monitor well MW-14 is monitored on a quarterly schedule. Monitor well MW-14 was not sampled during the 1st, 2nd, 3rd and 4th quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 0.35 feet, 0.33 feet, 1.44 feet and 1.16 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2010, respectively. PAH analysis was not conducted on samples from MW-14 during the 4th quarter sampling event, due to the presence of PSH.

Monitor well MW-15 is monitored on a quarterly schedule. Monitor well MW-15 was not sampled during the 1st, 2nd, 3rd and 4th quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 0.12 feet, 0.02 feet, 0.02 feet and 0.06 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2010, respectively. PAH analysis was not conducted on samples from MW-15 during the 4th quarter sampling event, due to the presence of PSH.

Monitor well MW-16 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below regulatory standards for the last twenty-seven consecutive quarters. PAH analysis was not conducted on samples from MW-16 during the 4th quarter sampling event.

Monitor well MW-17 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below regulatory standards for the last twenty-seven consecutive quarters. PAH analysis was not conducted on samples from MW-17 during the 4th quarter sampling event.

Monitor well MW-18 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below MDL and NMOCD regulatory standards during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below regulatory standards for the last twenty-seven consecutive quarters. PAH analysis was not conducted on samples from MW-16 during the 4th quarter sampling event.

Monitor well MW-19 is monitored on a quarterly schedule. Analytical results on groundwater samples collected indicate benzene concentrations ranged from 0.134 mg/L during the 3rd quarter to 0.4740 mg/L during the 4th quarter of 2010. Benzene concentrations were above the NMOCD regulatory standard during all four quarters of the reporting period. Toluene concentrations were below MDLs and NMOCD regulatory standards during all four quarters of the reporting period. Ethylbenzene concentrations ranged from <0.100 mg/L during the 3rd and 4th quarters to 0.0546 mg/L during the 1st quarter of 2010. Ethylbenzene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from <0.100 mg/L during the 4th quarter to 0.1050 mg/L during the 3rd quarter of 2010. Xylene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. PAH analysis was not conducted on samples from MW-19 during the 4th quarter sampling event.

Monitor well MW-20 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.010 mg/L during the 3rd quarter to 0.0952 mg/L during the 1st quarter of 2010. Benzene concentrations were above the NMOCD regulatory standard during the 1st and 2nd quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of 2010. Ethylbenzene concentrations ranged from <0.001 mg/L during the 1st quarter to 0.0023 mg/L during the 2nd quarter of 2010. Ethylbenzene concentrations were below the NMOCD regulatory standard during all four quarters of the reporting period. Xylene concentrations ranged from <0.010 mg/L during the 3rd quarter to 0.0093 mg/L during the 2nd quarter of 2010. Xylene concentrations were below the NMOCD regulatory standard during all four quarters of the reporting period. PAH analysis was not conducted on samples from MW-20 during the 4th quarter sampling event.

Monitor well MW-21 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 3rd quarter to 0.0097 mg/L during the 1st quarter of 2010. Benzene concentrations were below the NMOCD regulatory standard during all four quarters of the reporting period. Toluene and ethylbenzene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of 2010. Xylene concentrations ranged from <0.001 mg/L during the 3rd quarter to 0.0113 mg/L during the 2nd quarter of 2010. Xylene concentrations were below the NMOCD regulatory standard during all four quarters of

the reporting period. PAH analysis was not conducted on samples from MW-21 during the 4th quarter sampling event.

Monitor well MW-22 is sampled on a semi-annual schedule. Analytical results on groundwater samples collected during the 2nd and 4th quarter events indicated benzene, toluene and ethylbenzene concentrations were below the MDL and NMOCD regulatory standards. Xylene concentrations ranged from <0.020 mg/L during the 4th quarter to 0.0057 mg/L during the 2nd quarter of 2010. Xylene concentrations were below NMOCD regulatory standards during the 2nd and 4th quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below regulatory standards for the last twenty-eight consecutive quarters. PAH analysis was not conducted on samples from MW-22 during the 4th quarter sampling event.

Monitor well MW-23 is sampled on a semi-annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards during the 2nd and 4th quarter sampling event. PAH analysis was not conducted on samples from MW-23 during the 4th quarter sampling event.

Monitor well MW-24 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below MDL and NMOCD regulatory standards during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below regulatory standards for the last twenty-seven consecutive quarters. PAH analysis was not conducted on samples from MW-24 during the 4th quarter sampling event.

Monitor well MW-25 is sampled on a semi-annual schedule and analytical results indicate BTEX constituent concentrations were below MDL and NMOCD regulatory standards during the 2nd and 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below regulatory standards for the last twenty-eight consecutive quarters. PAH analysis was not conducted on samples from MW-25 during the 4th quarter sampling event.

Monitor well MW-26 is sampled on a quarterly schedule. Analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 3rd quarter to 0.0049 mg/L during the 2nd quarter of 2010. Benzene concentrations were below the NMOCD regulatory standard during all four quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of 2010. Ethylbenzene concentrations ranged from <0.001 mg/L during the 1st quarter to 0.0022 mg/L during the 2nd quarter of 2010. Ethylbenzene concentrations were below the NMOCD regulatory standard during all four quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 3rd quarter to 0.0110 mg/L during the 2nd quarter of 2010. Xylene concentrations were below the NMOCD regulatory standard during all four quarters of the reporting period. PAH analysis was not conducted on samples from MW-26 during the 4th quarter sampling event.

Monitor well MW-27 is sampled on a semi-annual schedule and analytical results indicate BTEX constituent concentrations were below MDL and NMOCD regulatory standards during the 2nd and 4th quarter sampling event. The analytical results indicate BTEX constituent

concentrations have been below regulatory standards for the last thirty consecutive quarters. PAH analysis was not conducted on samples from MW-27 during the 4th quarter sampling event.

Monitor well MW-28 is sampled on an annual schedule. Analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below regulatory standards for the last twenty-eight consecutive quarters. PAH analysis was not conducted on samples from MW-27 during the 4th quarter sampling event.

Recovery well RW-1 is monitored on a quarterly schedule. Recovery well RW-1 was not sampled during the 3rd and 4th quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 0.02 feet and 0.06 feet were reported during the 3rd and 4th quarters of 2010, respectively. Analytical results indicate benzene concentrations ranged from 0.2520 mg/L during the 2nd quarter to 0.2760 mg/L during the 1st quarter of 2010. Benzene concentrations were above the NMOCD regulatory standard during the 1st and 2nd quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory standards during the 1st and 2nd quarters of 2010. Ethylbenzene concentrations ranged from 0.0364 mg/L during the 2nd quarter to 0.0546 mg/L during the 1st quarter of 2010. Ethylbenzene concentrations were below the NMOCD regulatory standard during the 1st and 2nd quarters of the reporting period. Xylene concentrations ranged from <0.010 mg/L during the 2nd quarter to 0.0714 mg/L during the 1st quarter of 2010. Xylene concentrations were below the NMOCD regulatory standard during the 1st and 2nd quarters of the reporting period. PAH analysis was not conducted on samples from RW-1 during the 4th quarter sampling event, due to the presence of PSH.

Recovery well RW-2 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.100 mg/L during the 3rd quarter to 0.1060 mg/L during the 1st quarter of 2010. Benzene concentrations were above the NMOCD regulatory standard during all four quarters of the reporting period. Toluene concentrations ranged from <0.001 mg/L during the 1st and 2nd quarters to 0.0199 mg/L during the 4th quarter of the reporting period. Toluene concentrations were below the NMOCD regulatory standards during all four quarters of 2010. Ethylbenzene concentrations ranged from <0.100 mg/L during the 3rd quarter to 0.0295 mg/L during the 4th quarter of 2010. Ethylbenzene concentrations were below the NMOCD regulatory standard during all four quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 2nd quarter to 0.0092 mg/L during the 1st quarter of 2010. Xylene concentrations were below the NMOCD regulatory standard during all four quarters of the reporting period. PAH analysis was not conducted on samples from RW-2 during the 4th quarter sampling event.

Recovery well RW-3 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.100 mg/L during the 3rd quarter to 0.3360 mg/L during the 4th quarter of 2010. Benzene concentrations were above the NMOCD regulatory standard during all four quarters of the reporting period. Toluene, ethyl-benzene and xylene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of 2010. PAH analysis was not conducted on samples from RW-3 during the 4th quarter sampling event.

Recovery well RW-4 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.1420 mg/L during the 3rd quarter to 0.4740 mg/L during the 4th quarter of 2010. Benzene concentrations were above the NMOCD regulatory standard during all four quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of 2010. Ethylbenzene concentrations ranged from <0.100 mg/L during the 3rd and 4th quarters to 0.0832 mg/L during the 1st quarter of 2010. Ethylbenzene concentrations were below the NMOCD regulatory standard during all four quarters of the reporting period. Xylene concentrations ranged from <0.100 mg/L during the 3rd and 4th quarters to 0.0641 mg/L during the 1st quarter of 2010. Xylene concentrations were below the NMOCD regulatory standard during all four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above MDLs for naphthalene (0.000887 mg/L), 1-methylnaphthalene (0.00489 mg/L), 2-methylnaphthalene (0.000475 mg/L), phenanthrene (0.00154 mg/L) and dibenzofuran (0.00111 mg/L), which are below WQCC standards.

Recovery well RW-5 is monitored on a quarterly schedule. Recovery well RW-5 was not sampled during the 1st, 2nd, 3rd and 4th quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 0.06 feet, 0.17 feet, 0.44 feet and 0.57 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2010, respectively. PAH analysis was not conducted on samples from RW-5 during the 4th quarter sampling event, due to the presence of PSH.

Recovery well RW-6 is monitored on a quarterly schedule. Recovery well RW-6 was not sampled during the 1st, 2nd, 3rd and 4th quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 0.05 feet, 0.08 feet, 0.27 feet and 0.61 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2010, respectively. PAH analysis was not conducted on samples from RW-6 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 2010 annual monitoring period. Currently, there are twenty-eight groundwater monitor wells (MW-1 through MW-28) and six product recovery wells (RW-1 through RW-6) on-site. A pneumatic product recovery system operated on-site, incorporating recovery well RW-6 and monitor wells MW-8, MW-14 and MW-15. The automated recovery system was decommissioned in the summer of 2007, due to declining PSH thickness, which cannot be efficiently recovered utilizing the automated recovery system. Currently, manual PSH recovery is performed on a weekly basis for monitor and recovery wells exhibiting PSH. Approximately 167 gallons (4.0 barrels) of PSH were recovered from the site during the reporting period. Approximately 2,224 gallons (approximately 53 barrels) of PSH has been recovered since project inception.

During the reporting period, six monitor wells (MW-4, MW-7, MW-8, MW-14 and MW-15) and three recovery wells (RW-1, RW-5 and RW-6) contained measurable PSH during at least two or more quarters of the 2010 reporting period.

The average thickness of PSH in monitor wells and recovery wells exhibiting PSH was 0.29 feet. The maximum thickness of PSH in monitor wells and recovery wells during the 2010 reporting period was 2.05 feet in monitor well MW-7 on March 8, 2010. In comparison, the maximum PSH thickness reported during the 2009 reporting period was 1.62 feet.

Groundwater elevation contours generated from water level measurements acquired indicated a general gradient of approximately 0.0125 feet/foot to the southeast.

Review of laboratory analytical results of the groundwater samples obtained during the 2010 monitoring period indicates the BTEX constituent concentrations are below applicable NMOCD standards in nineteen of the twenty-eight monitor wells currently on-site. Dissolved phase and phase separated hydrocarbon impact appears to be limited to monitor wells MW-4 through MW-8, MW-19 and MW-20 and recovery wells RW-1 through RW-6. Analytical results on groundwater samples collected indicate PAH concentrations are demonstrating a decreasing trend in RW-4.

ANTICIPATED ACTIONS

Quarterly gauging and sampling will continue in 2011. Manual product recovery will continue weekly and will be adjusted according to site conditions. An Annual Monitoring Report will be submitted to the NMOCD before April 1, 2012.

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

Soil remediation activities are scheduled to commence during the 2nd or 3rd quarter of 2011. A Soil Closure Request will be submitted to the NMOCD following the completion of these activities.

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.

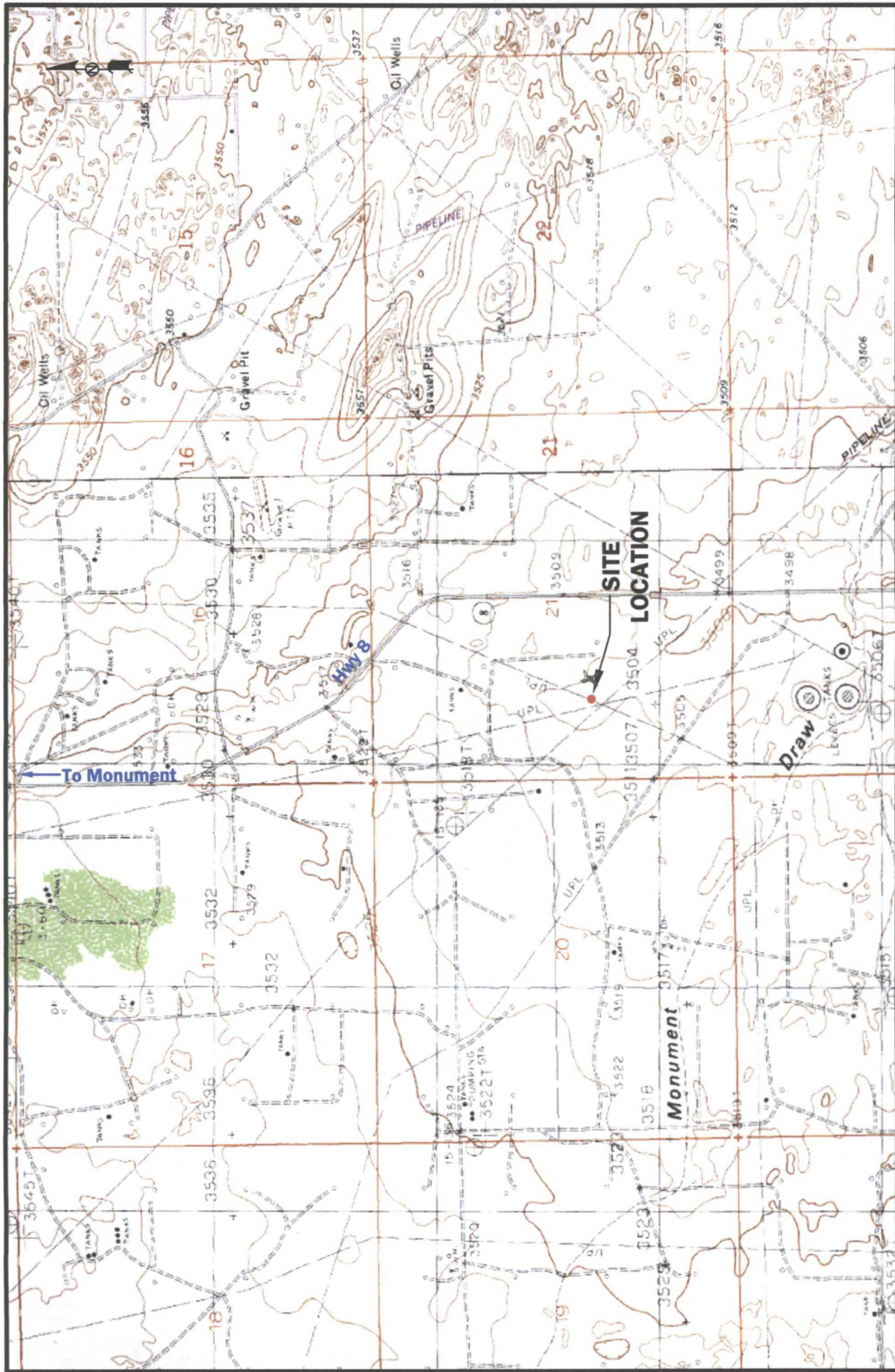
This report has been prepared for the benefit of Plains. The information contained in this report, including all exhibits and attachments, may not be used by any other party without the express consent of NOVA and/or Plains.

DISTRIBUTION

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New Mexico Energy, Minerals and Natural Resources Department
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Hobbs, NM 88240
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Midland, TX 79703
rrounsaville@novatraining.cc



Figures



LEGEND:

Figure 1
Site Location Map
TNM 97-17
Plains Marketing, L.P.
Lea County, NM

2057 Commerce Drive
Midland, Texas 79703
432.520.7720

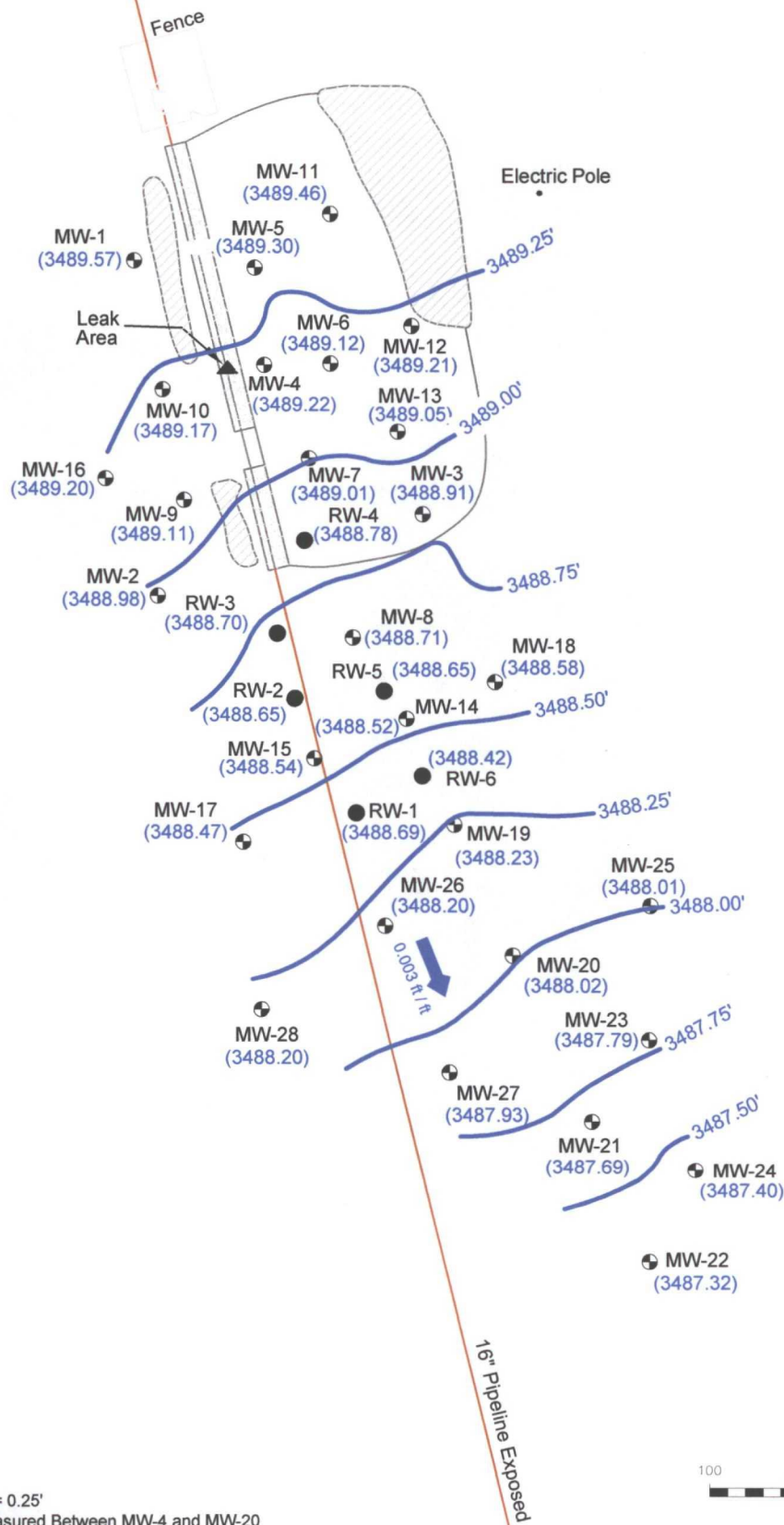


www.novasafetyandenvironmental.com

March 3, 2011 | Scale: 1" = 2000' | CAD By: TA | Checked By: RKR

LATITUDE & LONGITUDE COORDINATES: N 32° 33' 24.00" W 103° 15' 37.3"

NMOC Reference #AP-017



NOTE:
Contour Interval = 0.25'
GW Gradient Measured Between MW-4 and MW-20
RW-1 Not Used In The Construction Of This Map



NMOCD Reference # AP-017

Legend:

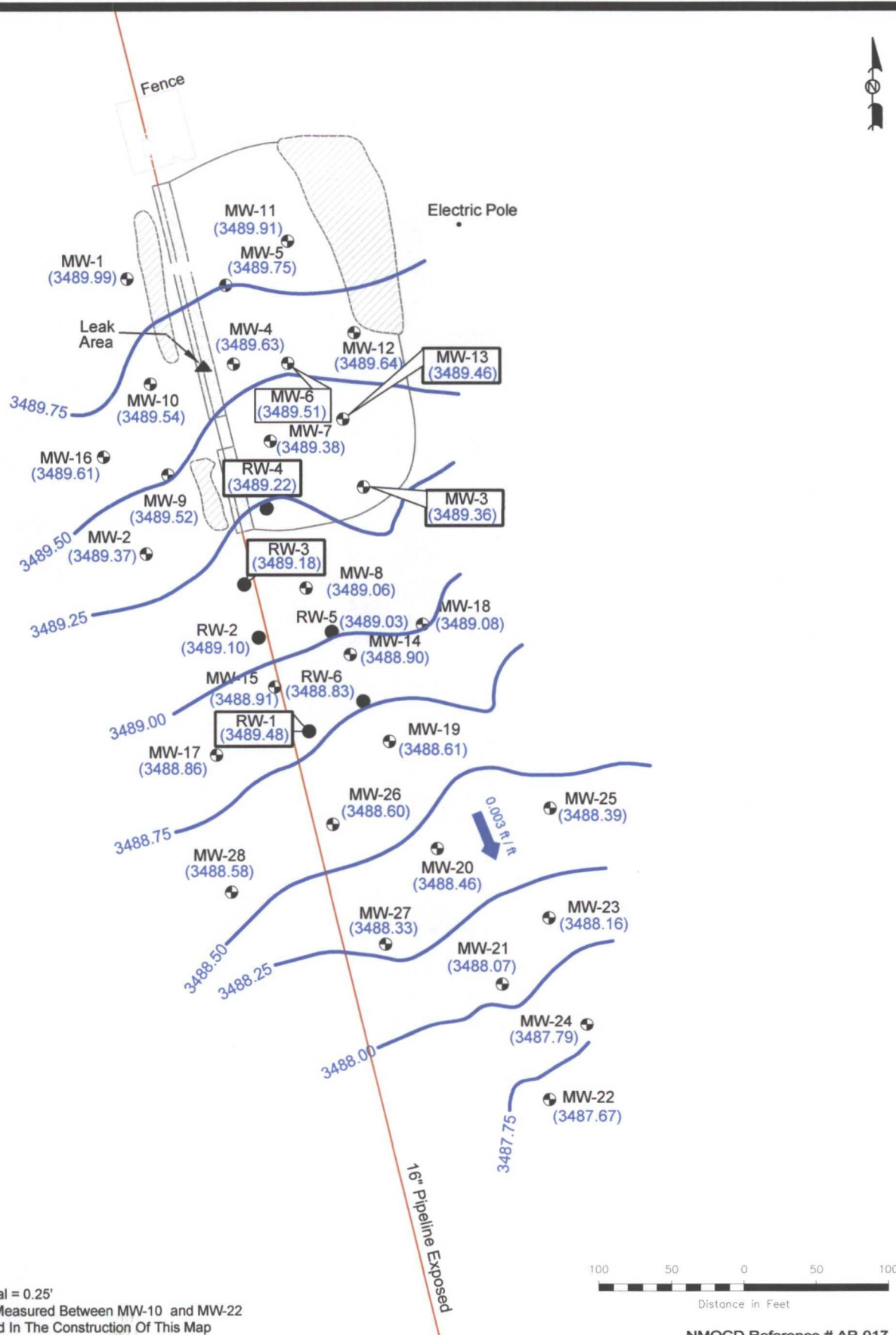
- | | | | |
|--|--|-----------|------------------------------|
| | Monitor Well Location | (3490.00) | Groundwater Elevation (feet) |
| | Recovery Well Location | | Stockpile Soil Area |
| | Pipeline | | Excavated Area |
| | Groundwater Elevation Contour Line | | |
| | Groundwater Gradient Direction and Magnitude | | |



Figure 2A
Inferred Groundwater
Gradient Map
(02/09/10)
Plains Pipeline, L.P.
TNM 97-17
Lea County, NM

NOVA Safety and Environmental

Scale: 1" = 100'	CAD By: SAT	Checked By: RKR
May 04, 2010		



NOTE:
 Contour Interval = 0.25'
 GW Gradient Measured Between MW-10 and MW-22
 RW-1 Not Used In The Construction Of This Map



NMOCD Reference # AP-017

Legend:

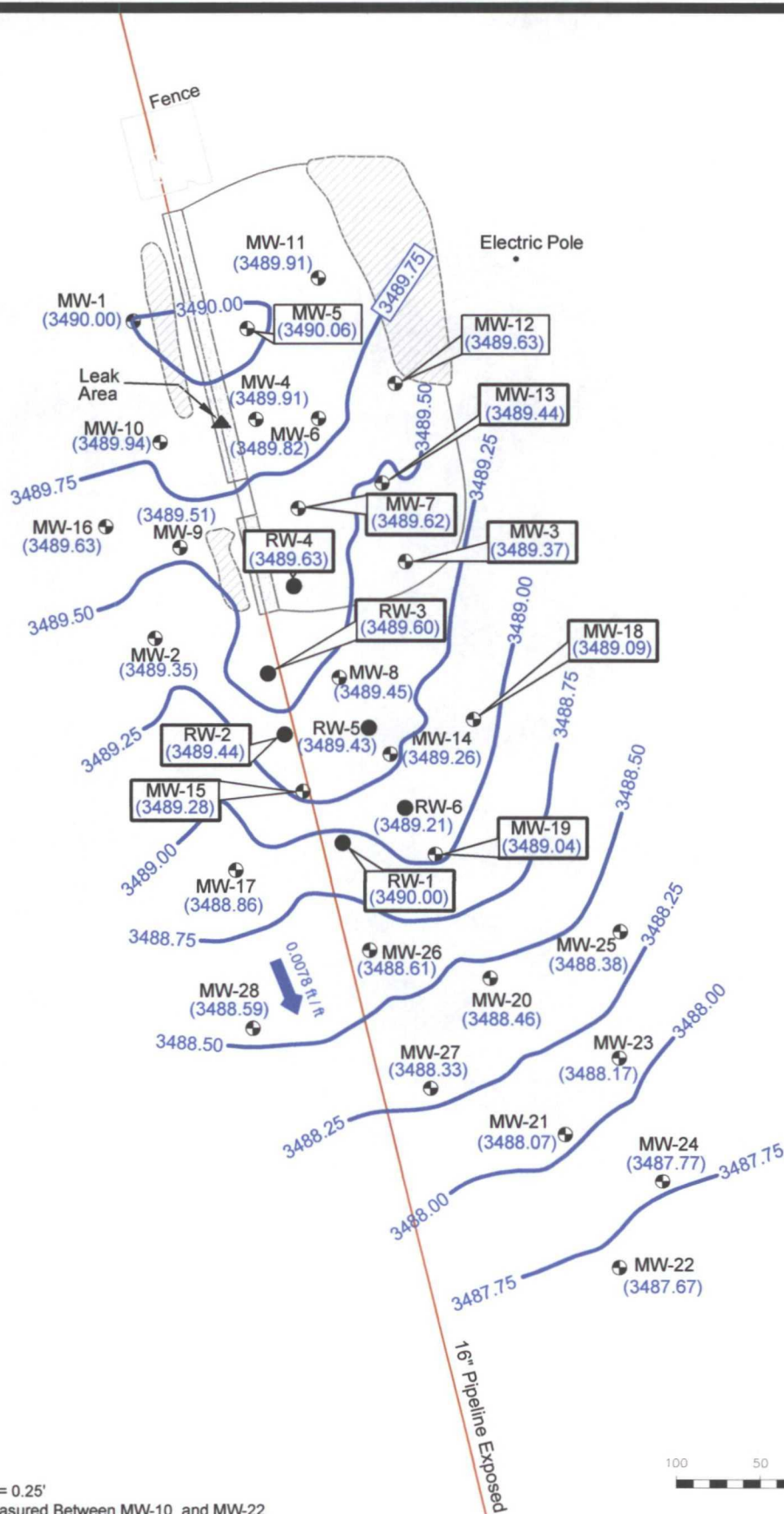
- Monitor Well Location
- Recovery Well Location
- Pipeline
- Groundwater Elevation Contour Line
- Groundwater Gradient Direction and Magnitude
- (3490.00) Groundwater Elevation (feet)
- Stockpile Soil Area
- Excavated Area



Figure 2B
 Inferred Groundwater Gradient Map
 (05/12/10)
 Plains Pipeline, L.P.
 TNM 97-17
 Lea County, NM

NOVA Safety and Environmental

Scale: 1" = 100' CAD By: SAT Checked By: RKR
 June 03, 2010



NOTE:
 Contour Interval = 0.25'
 GW Gradient Measured Between MW-10 and MW-22
 RW-1 Not Used In The Construction Of This Map



NMOCD Reference # AP-017

Legend:

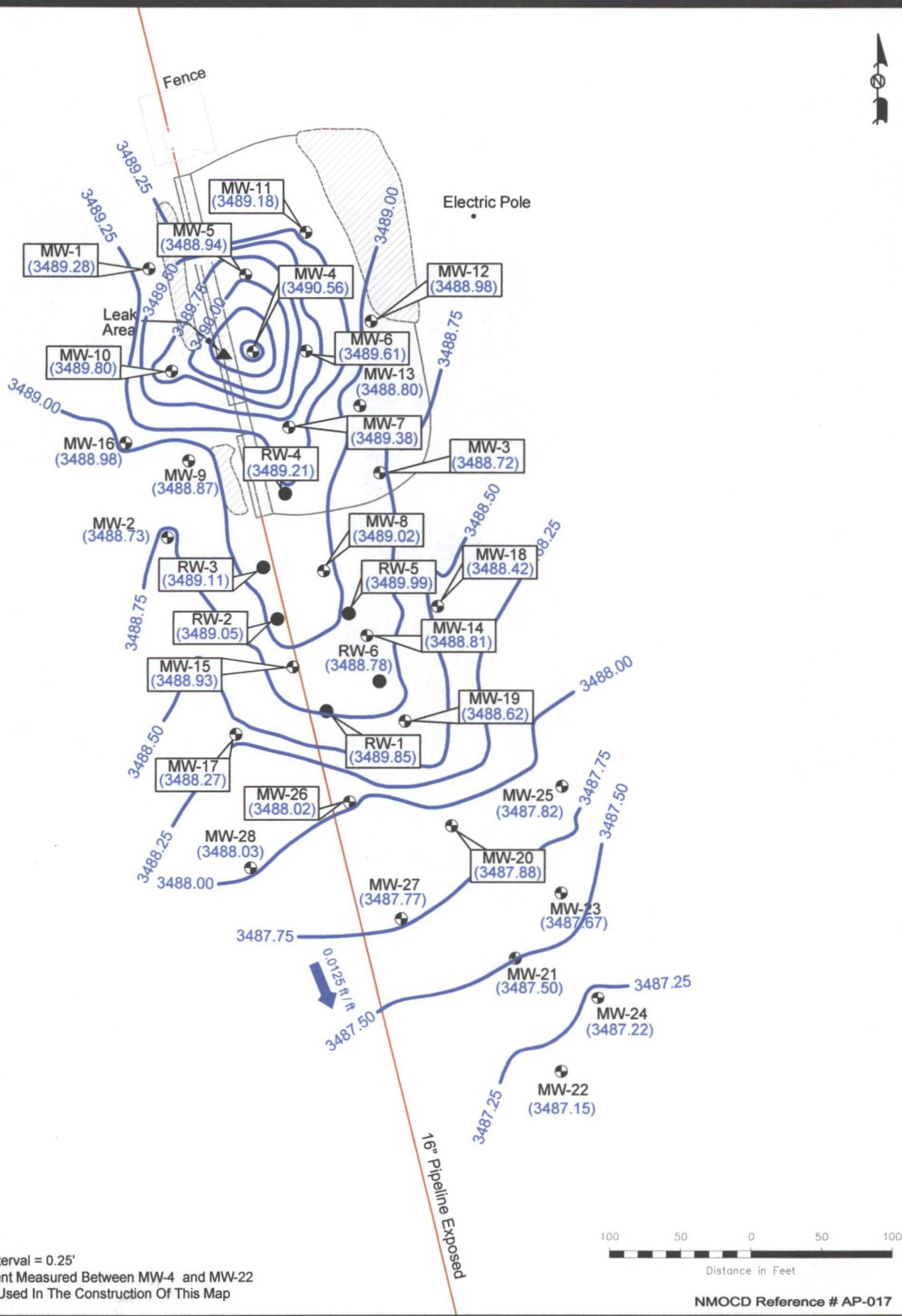
- Monitor Well Location (3490.00) Groundwater Elevation (feet)
- Recovery Well Location
- Pipeline
- Groundwater Elevation Contour Line
- Groundwater Gradient Direction and Magnitude
- Stockpile Soil Area
- Excavated Area



Figure 2C
 Inferred Groundwater Gradient Map
 (08/11/10)
 Plains Pipeline, L.P.
 TNM 97-17
 Lea County, NM

NOVA Safety and Environmental

Scale: 1" = 100' CAD By: TA Checked By: RKR
 September 20, 2010



NOTE:
 Contour Interval = 0.25'
 GW Gradient Measured Between MW-4 and MW-22
 RW-1 Not Used In The Construction Of This Map

NMOC Reference # AP-017

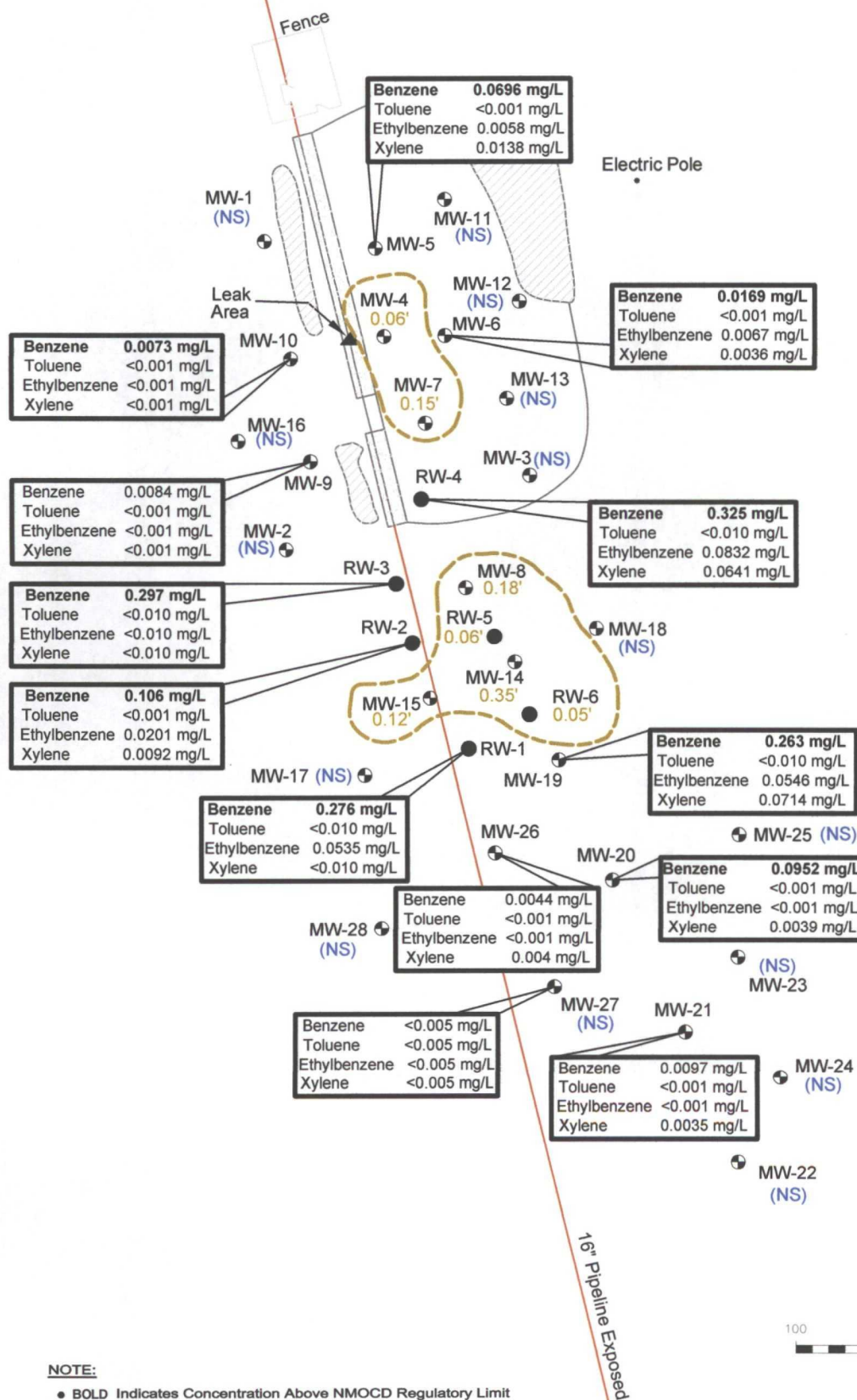
- Legend:**
- Monitor Well Location
 - Recovery Well Location
 - Pipeline
 - Groundwater Elevation Contour Line
 - 0.004 ft/ft
 - Groundwater Gradient Direction and Magnitude
 - (3490.00) Groundwater Elevation (feet)
 - Stockpile Soil Area
 - Excavated Area



Figure 2D
 Inferred Groundwater
 Gradient Map
 (11/11/10 - 11/12/10)
 Plains Pipeline, L.P.
 TNM 97-17
 Lea County, NM

NOVA Safety and Environmental

Scale: 1" = 100' CAD By: TA Checked By: RKR
 December 10, 2010



NOTE:

- BOLD Indicates Concentration Above NMOCD Regulatory Limit



NMOCD Reference # AP-017

Legend:

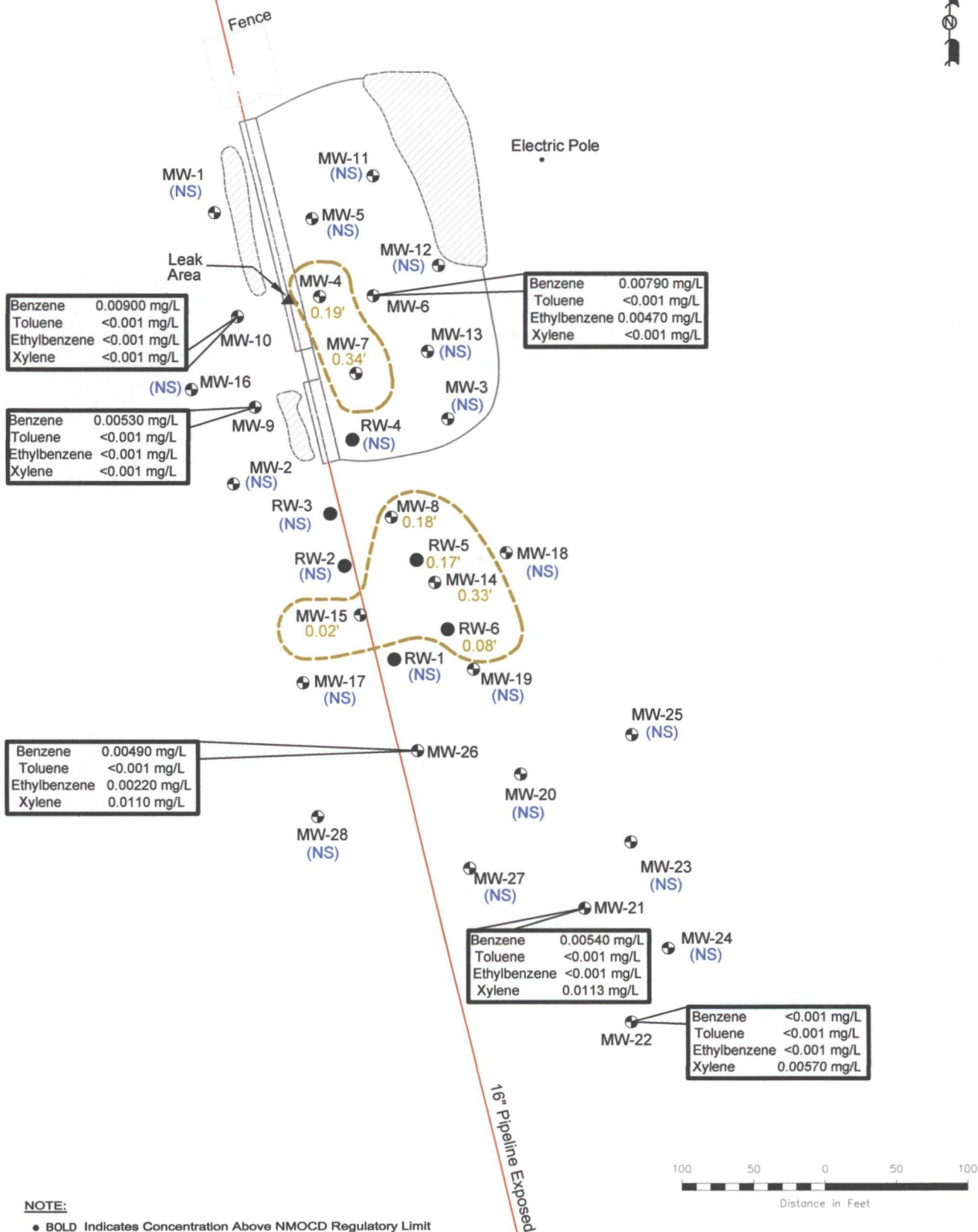
- Monitor Well Location
- Recovery Well Location
- Pipeline
- Inferred PSH Extent
- 0.18' Thickness of PSH (feet)
- <0.001 Constituent Concentration (mg/L)
- Stockpile Soil Area
- Excavated Area
- (NS) Not Sampled

Figure 3A
Groundwater Concentration
and Inferred PSH Extent
Map (02/09/10)
Plains Pipeline, L.P.
TNM 97-17
Lea County, NM

NOVA Safety and Environmental



Scale: 1" = 100' CAD By: SAT Checked By: RKR
May 04, 2010



Benzene 0.00900 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene <0.001 mg/L

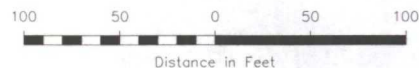
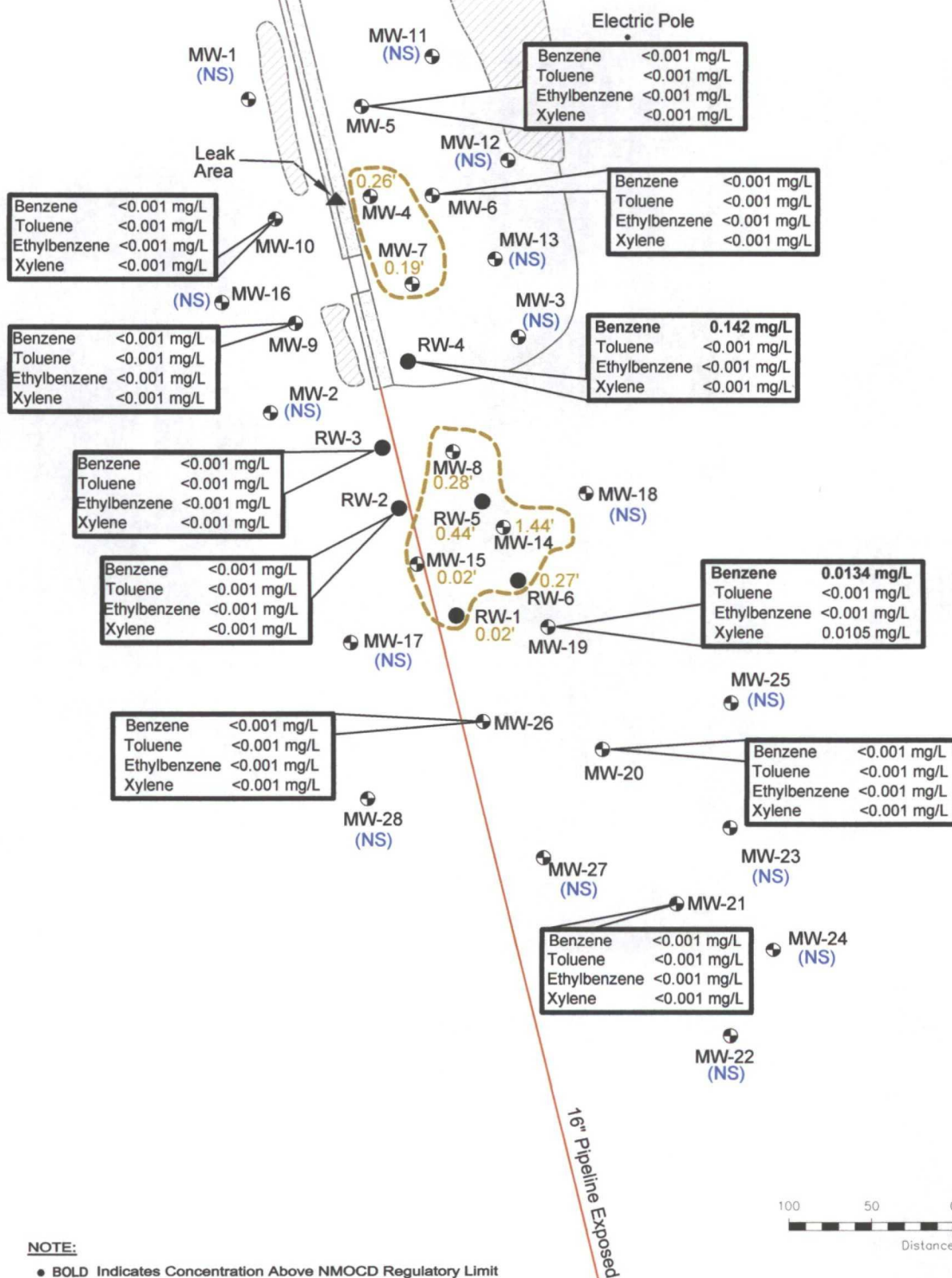
Benzene 0.00530 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene <0.001 mg/L

Benzene 0.00490 mg/L
Toluene <0.001 mg/L
Ethylbenzene 0.00220 mg/L
Xylene 0.0110 mg/L

Benzene 0.00790 mg/L
Toluene <0.001 mg/L
Ethylbenzene 0.00470 mg/L
Xylene <0.001 mg/L

Benzene 0.00540 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene 0.0113 mg/L

Benzene <0.001 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene 0.00570 mg/L



NMOCD Reference # AP-017

Legend:

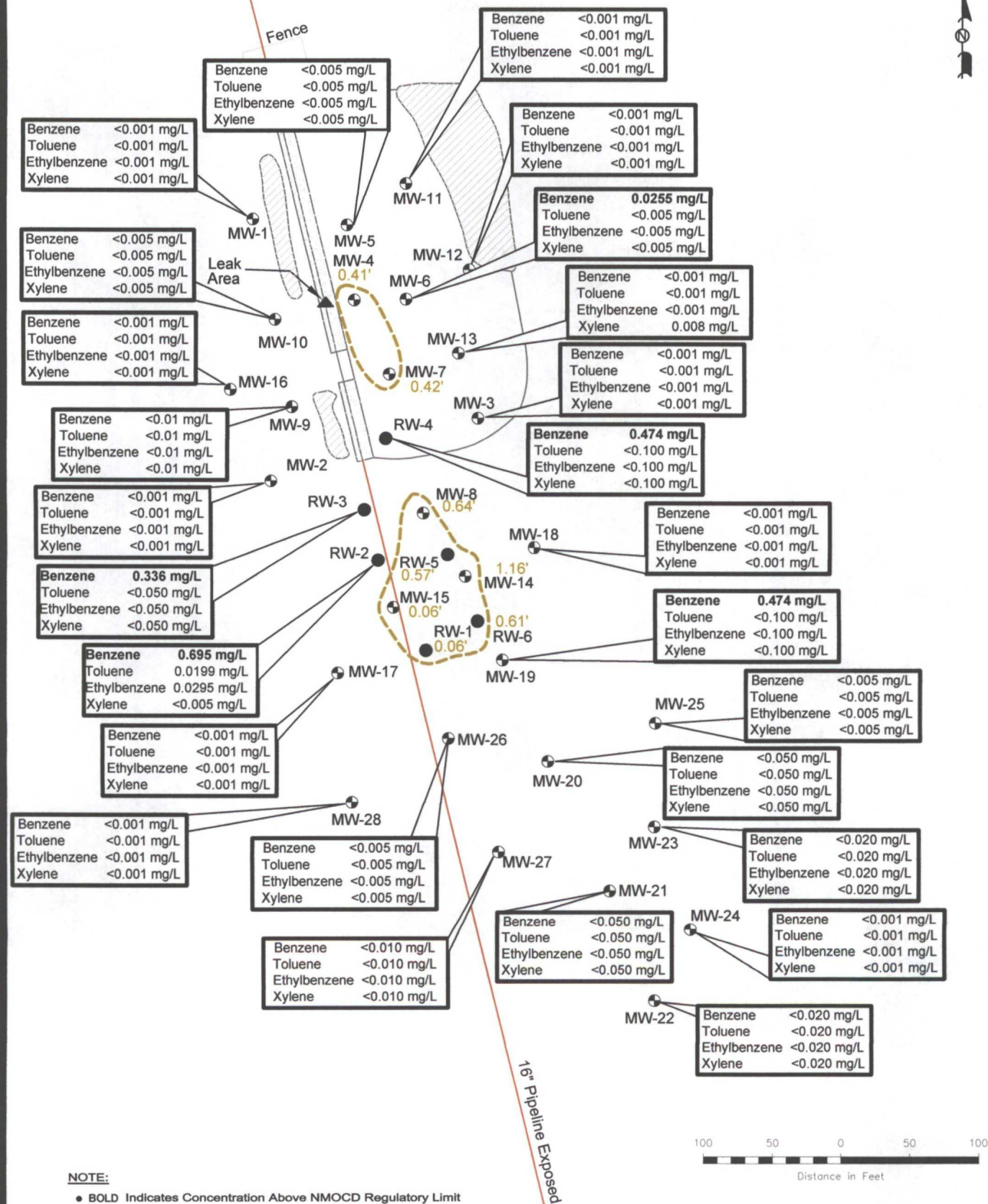
- Monitor Well Location
- Recovery Well Location
- Pipeline
- Inferred PSH Extent
- 0.18' Thickness of PSH (feet)
- <0.001 Constituent Concentration (mg/L)
- Stockpile Soil Area
- Excavated Area
- (NS) Not Sampled

Figure 3C
Groundwater Concentration and Inferred PSH Extent Map (08/11/10)
Plains Pipeline, L.P.
TNM 97-17
Lea County, NM

NOVA Safety and Environmental



Scale: 1" = 100' CAD By: TA Checked By: RKR
September 22, 2010



NOTE:

- BOLD Indicates Concentration Above NMOCD Regulatory Limit

Legend:

	Monitor Well Location	<0.001	Constituent Concentration (mg/L)
	Recovery Well Location		
	Pipeline		
	Inferred PSH Extent		
	Stockpile Soil Area		
	Excavated Area		
	Thickness of PSH (feet)	0.18'	
	Not Sampled	(NS)	

Figure 3D
Groundwater Concentration
and Inferred PSH Extent
Map (11/12/10)
Plains Pipeline, L.P.
TNM 97-17
Lea County, NM

NOVA Safety and Environmental



Scale: 1" = 100'	CAD By: TA	Checked By: RKR
December 21, 2010		



Tables

TABLE 1
GROUNDWATER ELEVATION DATA - 2010

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 1	01/04/10	3510.90	-	21.41	0.00	3489.49
MW - 1	02/09/10	3510.90	-	21.33	0.00	3489.57
MW - 1	05/12/10	3510.90	-	20.91	0.00	3489.99
MW - 1	08/11/10	3510.90	-	20.90	0.00	3490.00
MW - 1	11/11/10	3510.90	-	21.62	0.00	3489.28
MW - 2	01/04/10	3509.23	-	20.34	0.00	3488.89
MW - 2	02/09/10	3509.23	-	20.25	0.00	3488.98
MW - 2	05/12/10	3509.23	-	19.86	0.00	3489.37
MW - 2	08/11/10	3509.23	-	19.88	0.00	3489.35
MW - 2	11/11/10	3509.23	-	20.50	0.00	3488.73
MW - 3	01/04/10	3508.82	-	20.03	0.00	3488.79
MW - 3	02/09/10	3508.82	-	19.91	0.00	3488.91
MW - 3	05/12/10	3508.82	-	19.46	0.00	3489.36
MW - 3	08/11/10	3508.82	-	19.45	0.00	3489.37
MW - 3	11/11/10	3508.82	-	20.10	0.00	3488.72
MW - 4	01/04/10	3509.15	20.01	20.16	0.15	3489.12
MW - 4	01/14/10	3509.15	19.96	20.18	0.22	3489.16
MW - 4	01/20/10	3509.15	19.89	20.15	0.26	3489.22
MW - 4	01/25/10	3509.15	19.89	20.00	0.11	3489.24
MW - 4	01/27/10	3509.15	19.87	19.93	0.06	3489.27
MW - 4	02/01/10	3509.15	19.86	19.98	0.12	3489.27
MW - 4	02/08/10	3509.15	19.84	19.98	0.14	3489.29
MW - 4	02/09/10	3509.15	19.92	19.98	0.06	3489.22
MW - 4	02/19/10	3509.15	19.74	20.08	0.34	3489.36
MW - 4	02/26/10	3509.15	19.79	19.95	0.16	3489.34
MW - 4	03/01/10	3509.15	19.97	20.05	0.08	3489.17
MW - 4	03/04/10	3509.15	19.76	19.79	0.03	3489.39
MW - 4	03/08/10	3509.15	19.74	19.76	0.02	3489.41
MW - 4	03/11/10	3509.15	19.68	19.73	0.05	3489.46
MW - 4	03/15/10	3509.15	19.79	19.92	0.13	3489.34
MW - 4	03/17/10	3509.15	19.63	19.65	0.02	3489.52
MW - 4	03/22/10	3509.15	19.58	19.63	0.05	3489.56
MW - 4	03/29/10	3509.15	18.54	18.59	0.05	3490.60
MW - 4	04/05/10	3509.15	19.60	19.70	0.10	3489.54
MW - 4	04/14/10	3509.15	19.61	19.70	0.09	3489.53
MW - 4	04/16/10	3509.15	19.48	19.57	0.09	3489.66
MW - 4	04/19/10	3509.15	19.55	19.82	0.27	3489.56
MW - 4	04/28/10	3509.15	19.48	19.52	0.04	3489.66
MW - 4	05/05/10	3509.15	19.38	19.47	0.09	3489.76
MW - 4	05/12/10	3509.15	19.49	19.68	0.19	3489.63
MW - 4	05/14/10	3509.15	19.49	19.68	0.19	3489.63
MW - 4	05/21/10	3509.15	19.51	19.66	0.15	3489.62
MW - 4	05/26/10	3509.15	19.51	19.68	0.17	3489.61
MW - 4	06/04/10	3509.15	19.54	19.64	0.10	3489.60
MW - 4	06/07/10	3509.15	19.68	19.83	0.15	3489.45
MW - 4	06/12/10	3509.15	19.75	20.03	0.28	3489.36
MW - 4	06/24/10	3509.15	18.88	19.04	0.16	3490.25
MW - 4	06/30/10	3509.15	19.19	20.18	0.99	3489.81

TABLE 1
GROUNDWATER ELEVATION DATA - 2010

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	07/07/10	3509.15	19.44	19.75	0.31	3489.66
MW - 4	07/12/10	3509.15	17.91	18.53	0.62	3491.15
MW - 4	07/19/10	3509.15	19.54	19.77	0.23	3489.58
MW - 4	08/03/10	3509.15	19.24	19.41	0.17	3489.88
MW - 4	08/11/10	3509.15	19.20	19.46	0.26	3489.91
MW - 4	08/19/10	3509.15	19.19	19.29	0.10	3489.95
MW - 4	08/25/10	3509.15	19.26	19.65	0.39	3489.83
MW - 4	09/01/10	3509.15	19.29	19.74	0.45	3489.79
MW - 4	09/09/10	3509.15	19.37	19.92	0.55	3489.70
MW - 4	09/13/10	3509.15	19.21	19.44	0.23	3489.91
MW - 4	09/29/10	3509.15	19.44	19.79	0.35	3489.66
MW - 4	10/05/10	3509.15	19.23	19.45	0.22	3489.89
MW - 4	10/20/10	3509.15	19.26	19.43	0.17	3489.86
MW - 4	10/25/10	3509.15	19.25	19.41	0.16	3489.88
MW - 4	11/03/10	3509.15	18.73	19.01	0.28	3490.38
MW - 4	11/10/10	3509.15	18.53	18.94	0.41	3490.56
MW - 4	11/12/10	3509.15	18.53	18.94	0.41	3490.56
MW - 4	12/09/10	3509.15	19.25	19.51	0.26	3489.86
MW - 5	01/04/10	3509.96	-	20.68	0.00	3489.28
MW - 5	01/14/10	3509.96	-	20.71	0.00	3489.25
MW - 5	01/20/10	3509.96	-	20.58	0.00	3489.38
MW - 5	01/25/10	3509.96	-	20.60	0.00	3489.36
MW - 5	01/27/10	3509.96	-	20.87	0.00	3489.09
MW - 5	02/01/10	3509.96	-	20.58	0.00	3489.38
MW - 5	02/08/10	3509.96	-	20.55	0.00	3489.41
MW - 5	02/09/10	3509.96	-	20.66	0.00	3489.30
MW - 5	02/19/10	3509.96	-	20.58	0.00	3489.38
MW - 5	02/26/10	3509.96	-	20.51	0.00	3489.45
MW - 5	03/01/10	3509.96	-	20.58	0.00	3489.38
MW - 5	03/04/10	3509.96	-	20.47	0.00	3489.49
MW - 5	03/08/10	3509.96	-	20.50	0.00	3489.46
MW - 5	03/11/10	3509.96	-	20.35	0.00	3489.61
MW - 5	03/15/10	3509.96	-	20.44	0.00	3489.52
MW - 5	03/17/10	3509.96	-	20.34	0.00	3489.62
MW - 5	03/22/10	3509.96	-	20.27	0.00	3489.69
MW - 5	03/29/10	3509.96	-	20.24	0.00	3489.72
MW - 5	04/05/10	3509.96	-	20.29	0.00	3489.67
MW - 5	04/14/10	3509.96	-	20.25	0.00	3489.71
MW - 5	04/16/10	3509.96	-	20.19	0.00	3489.77
MW - 5	04/19/10	3509.96	-	20.27	0.00	3489.69
MW - 5	04/28/10	3509.96	-	20.23	0.00	3489.73
MW - 5	05/05/10	3509.96	-	20.09	0.00	3489.87
MW - 5	05/12/10	3509.96	-	20.21	0.00	3489.75
MW - 5	05/14/10	3509.96	-	20.21	0.00	3489.75
MW - 5	05/21/10	3509.96	-	20.23	0.00	3489.73
MW - 5	05/26/10	3509.96	-	20.26	0.00	3489.70
MW - 5	06/04/10	3509.96	-	20.25	0.00	3489.71
MW - 5	06/07/10	3509.96	-	20.45	0.00	3489.51
MW - 5	06/12/10	3509.96	-	20.49	0.00	3489.47
MW - 5	06/24/10	3509.96	-	20.65	0.00	3489.31

TABLE 1
GROUNDWATER ELEVATION DATA - 2010

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	07/07/10	3509.96	-	20.22	0.00	3489.74
MW - 5	07/12/10	3509.96	-	20.05	0.00	3489.91
MW - 5	07/19/10	3509.96	-	19.56	0.00	3490.40
MW - 5	08/03/10	3509.96	-	19.91	0.00	3490.05
MW - 5	08/11/10	3509.96	-	19.90	0.00	3490.06
MW - 5	08/19/10	3509.96	-	20.02	0.00	3489.94
MW - 5	08/25/10	3509.96	-	20.05	0.00	3489.91
MW - 5	09/01/10	3509.96	-	20.09	0.00	3489.87
MW - 5	09/09/10	3509.96	-	20.20	0.00	3489.76
MW - 5	09/13/10	3509.96	-	19.90	0.00	3490.06
MW - 5	09/29/10	3509.96	-	18.42	0.00	3491.54
MW - 5	10/05/10	3509.96	-	19.91	0.00	3490.05
MW - 5	10/20/10	3509.96	-	19.96	0.00	3490.00
MW - 5	10/25/10	3509.96	-	19.95	0.00	3490.01
MW - 5	11/03/10	3509.96	-	20.06	0.00	3489.90
MW - 5	11/10/10	3509.96	-	20.02	0.00	3489.94
MW - 5	11/12/10	3509.96	-	20.02	0.00	3489.94
MW - 5	12/09/10	3509.96	-	19.80	0.00	3490.16
MW - 6	01/04/10	3507.94	-	18.94	0.00	3489.00
MW - 6	01/14/10	3507.94	-	18.95	0.00	3488.99
MW - 6	01/20/10	3507.94	-	18.80	0.00	3489.14
MW - 6	01/25/10	3507.94	-	18.81	0.00	3489.13
MW - 6	01/27/10	3507.94	-	18.80	0.00	3489.14
MW - 6	02/01/10	3507.94	-	18.79	0.00	3489.15
MW - 6	02/08/10	3507.94	-	17.87	0.00	3490.07
MW - 6	02/09/10	3507.94	-	18.82	0.00	3489.12
MW - 6	02/19/10	3507.94	-	18.72	0.00	3489.22
MW - 6	02/26/10	3507.94	-	18.74	0.00	3489.20
MW - 6	03/01/10	3507.94	-	19.26	0.00	3488.68
MW - 6	03/04/10	3507.94	-	18.70	0.00	3489.24
MW - 6	03/08/10	3507.94	-	18.72	0.00	3489.22
MW - 6	03/11/10	3507.94	-	18.58	0.00	3489.36
MW - 6	03/15/10	3507.94	-	18.67	0.00	3489.27
MW - 6	03/17/10	3507.94	-	18.55	0.00	3489.39
MW - 6	03/22/10	3507.94	-	18.51	0.00	3489.43
MW - 6	03/29/10	3507.94	-	18.46	0.00	3489.48
MW - 6	04/05/10	3507.94	-	18.54	0.00	3489.40
MW - 6	04/14/10	3507.94	-	18.49	0.00	3489.45
MW - 6	04/16/10	3507.94	-	18.42	0.00	3489.52
MW - 6	04/19/10	3507.94	-	18.48	0.00	3489.46
MW - 6	04/28/10	3507.94	-	18.45	0.00	3489.49
MW - 6	05/05/10	3507.94	-	18.42	0.00	3489.52
MW - 6	05/12/10	3507.94	-	18.43	0.00	3489.51
MW - 6	05/14/10	3507.94	-	18.44	0.00	3489.50
MW - 6	05/21/10	3507.94	-	18.45	0.00	3489.49
MW - 6	05/26/10	3507.94	-	18.41	0.00	3489.53
MW - 6	06/04/10	3507.94	-	18.47	0.00	3489.47
MW - 6	06/07/10	3507.94	-	18.63	0.00	3489.31
MW - 6	06/12/10	3507.94	-	18.66	0.00	3489.28
MW - 6	06/24/10	3507.94	-	18.81	0.00	3489.13

TABLE 1
GROUNDWATER ELEVATION DATA - 2010

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	06/30/10	3507.94	-	18.90	0.00	3489.04
MW - 6	07/07/10	3507.94	-	18.56	0.00	3489.38
MW - 6	07/12/10	3507.94	-	18.30	0.00	3489.64
MW - 6	07/19/10	3507.94	-	18.18	0.00	3489.76
MW - 6	08/03/10	3507.94	-	18.11	0.00	3489.83
MW - 6	08/11/10	3507.94	-	18.12	0.00	3489.82
MW - 6	08/19/10	3507.94	-	18.15	0.00	3489.79
MW - 6	08/25/10	3507.94	-	18.20	0.00	3489.74
MW - 6	09/01/10	3507.94	-	18.24	0.00	3489.70
MW - 6	09/09/10	3507.94	-	18.33	0.00	3489.61
MW - 6	09/13/10	3507.94	-	18.13	0.00	3489.81
MW - 6	09/29/10	3507.94	-	18.42	0.00	3489.52
MW - 6	10/05/10	3507.94	-	18.13	0.00	3489.81
MW - 6	10/20/10	3507.94	-	19.52	0.00	3488.42
MW - 6	10/25/10	3507.94	-	19.51	0.00	3488.43
MW - 6	11/03/10	3507.94	-	18.27	0.00	3489.67
MW - 6	11/10/10	3507.94	-	18.33	0.00	3489.61
MW - 6	11/11/10	3507.94	-	18.33	0.00	3489.61
MW - 6	12/09/10	3507.94	-	18.16	0.00	3489.78
MW - 7	01/04/10	3507.08	18.13	18.42	0.29	3488.91
MW - 7	01/14/10	3507.08	18.13	18.45	0.32	3488.90
MW - 7	01/20/10	3507.08	18.02	18.44	0.42	3489.00
MW - 7	01/25/10	3507.08	18.16	18.31	0.15	3488.90
MW - 7	01/27/10	3507.08	18.03	18.16	0.13	3489.03
MW - 7	02/01/10	3507.08	18.00	18.17	0.17	3489.05
MW - 7	02/08/10	3507.08	17.98	18.15	0.17	3489.07
MW - 7	02/09/10	3507.08	18.05	18.20	0.15	3489.01
MW - 7	02/19/10	3507.08	17.92	18.26	0.34	3489.11
MW - 7	02/26/10	3507.08	17.95	18.12	0.17	3489.10
MW - 7	03/01/10	3507.08	18.19	18.30	0.11	3488.87
MW - 7	03/04/10	3507.08	17.89	18.01	0.12	3489.17
MW - 7	03/08/10	3507.08	17.92	19.97	2.05	3488.85
MW - 7	03/11/10	3507.08	17.88	17.94	0.06	3489.19
MW - 7	03/15/10	3507.08	17.88	18.03	0.15	3489.18
MW - 7	03/17/10	3507.08	17.79	17.89	0.10	3489.28
MW - 7	03/22/10	3507.08	17.75	17.83	0.08	3489.32
MW - 7	03/29/10	3507.08	17.71	17.96	0.25	3489.33
MW - 7	04/05/10	3507.08	17.76	17.89	0.13	3489.30
MW - 7	04/14/10	3507.08	17.75	17.86	0.11	3489.31
MW - 7	04/16/10	3507.08	17.62	17.76	0.14	3489.44
MW - 7	04/19/10	3507.08	17.72	17.83	0.11	3489.34
MW - 7	04/28/10	3507.08	17.66	17.77	0.11	3489.40
MW - 7	05/05/10	3507.08	17.52	17.66	0.14	3489.54
MW - 7	05/12/10	3507.08	17.65	17.99	0.34	3489.38
MW - 7	05/14/10	3507.08	17.65	17.99	0.34	3489.38
MW - 7	05/21/10	3507.08	17.65	17.97	0.32	3489.38
MW - 7	05/26/10	3507.08	17.63	17.96	0.33	3489.40
MW - 7	06/04/10	3507.08	17.67	17.97	0.30	3489.37
MW - 7	06/07/10	3507.08	17.78	18.15	0.37	3489.24
MW - 7	06/12/10	3507.08	17.84	18.27	0.43	3489.18

TABLE 1
GROUNDWATER ELEVATION DATA - 2010

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	06/24/10	3507.08	17.95	18.35	0.40	3489.07
MW - 7	06/30/10	3507.08	18.10	18.45	0.35	3488.93
MW - 7	07/07/10	3507.08	17.64	17.96	0.32	3489.39
MW - 7	07/12/10	3507.08	17.46	17.80	0.34	3489.57
MW - 7	07/19/10	3507.08	17.37	17.74	0.37	3489.65
MW - 7	08/03/10	3507.08	17.35	17.36	0.01	3489.73
MW - 7	08/11/10	3507.08	17.43	17.62	0.19	3489.62
MW - 7	08/19/10	3507.08	17.39	17.61	0.22	3489.66
MW - 7	08/25/10	3507.08	17.41	17.72	0.31	3489.62
MW - 7	09/01/10	3507.08	17.42	17.83	0.41	3489.60
MW - 7	09/09/10	3507.08	17.48	17.98	0.50	3489.53
MW - 7	09/13/10	3507.08	17.45	17.60	0.15	3489.61
MW - 7	09/29/10	3507.08	17.59	17.97	0.38	3489.43
MW - 7	10/05/10	3507.08	17.43	17.61	0.18	3489.62
MW - 7	10/20/10	3507.08	17.47	17.63	0.16	3489.59
MW - 7	10/25/10	3507.08	17.46	17.61	0.15	3489.60
MW - 7	11/03/10	3507.08	17.52	17.80	0.28	3489.52
MW - 7	11/10/10	3507.08	17.64	18.06	0.42	3489.38
MW - 7	11/12/10	3507.08	17.64	18.06	0.42	3489.38
MW - 7	12/09/10	3507.08	17.41	17.66	0.25	3489.63
MW - 8	01/04/10	3506.39	17.73	18.30	0.57	3488.57
MW - 8	01/14/10	3506.39	17.69	18.17	0.48	3488.63
MW - 8	01/20/10	3506.39	17.64	18.05	0.41	3488.69
MW - 8	01/25/10	3506.39	17.74	18.16	0.42	3488.59
MW - 8	01/27/10	3506.39	17.64	18.07	0.43	3488.69
MW - 8	02/01/10	3506.39	17.60	17.91	0.31	3488.74
MW - 8	02/08/10	3506.39	17.55	17.81	0.26	3488.80
MW - 8	02/09/10	3506.39	17.65	17.83	0.18	3488.71
MW - 8	02/19/10	3506.39	17.83	17.94	0.11	3488.54
MW - 8	02/26/10	3506.39	17.56	17.82	0.26	3488.79
MW - 8	03/01/10	3506.39	17.75	18.14	0.39	3488.58
MW - 8	03/04/10	3506.39	17.52	17.79	0.27	3488.83
MW - 8	03/08/10	3506.39	17.47	17.64	0.17	3488.89
MW - 8	03/11/10	3506.39	17.43	17.60	0.17	3488.93
MW - 8	03/15/10	3506.39	17.50	17.71	0.21	3488.86
MW - 8	03/17/10	3506.39	17.41	17.52	0.11	3488.96
MW - 8	03/22/10	3506.39	17.35	17.46	0.11	3489.02
MW - 8	03/29/10	3506.39	17.34	17.50	0.16	3489.03
MW - 8	04/05/10	3506.39	17.38	17.58	0.20	3488.98
MW - 8	04/14/10	3506.39	17.44	17.65	0.21	3488.92
MW - 8	04/16/10	3506.39	17.32	17.41	0.09	3489.06
MW - 8	04/19/10	3506.39	17.34	17.47	0.13	3489.03
MW - 8	04/28/10	3506.39	17.28	17.49	0.21	3489.08
MW - 8	05/05/10	3506.39	17.21	17.36	0.15	3489.16
MW - 8	05/12/10	3506.39	17.30	17.48	0.18	3489.06
MW - 8	05/14/10	3506.39	17.30	17.48	0.18	3489.06
MW - 8	05/21/10	3506.39	17.30	17.45	0.15	3489.07
MW - 8	05/26/10	3506.39	17.23	17.50	0.27	3489.12
MW - 8	06/04/10	3506.39	17.32	17.43	0.11	3489.05
MW - 8	06/07/10	3506.39	17.34	17.72	0.38	3488.99

TABLE 1

GROUNDWATER ELEVATION DATA - 2010

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 8	06/12/10	3506.39	17.39	17.78	0.39	3488.94
MW - 8	06/24/10	3506.39	17.49	17.91	0.42	3488.84
MW - 8	06/30/10	3506.39	17.65	17.99	0.34	3488.69
MW - 8	07/07/10	3506.39	17.08	17.43	0.35	3489.26
MW - 8	07/12/10	3506.39	16.91	17.17	0.26	3489.44
MW - 8	07/19/10	3506.39	16.88	17.20	0.32	3489.46
MW - 8	08/03/10	3506.39	17.12	17.13	0.01	3489.27
MW - 8	08/11/10	3506.39	16.90	17.18	0.28	3489.45
MW - 8	08/19/10	3506.39	16.89	17.21	0.32	3489.45
MW - 8	08/25/10	3506.39	16.97	17.32	0.35	3489.37
MW - 8	09/01/10	3506.39	16.95	17.24	0.29	3489.40
MW - 8	09/09/10	3506.39	17.03	17.55	0.52	3489.28
MW - 8	09/13/10	3506.39	16.92	17.15	0.23	3489.44
MW - 8	09/29/10	3506.39	17.09	17.67	0.58	3489.21
MW - 8	10/05/10	3506.39	16.91	17.17	0.26	3489.44
MW - 8	10/20/10	3506.39	17.22	17.95	0.73	3489.06
MW - 8	10/25/10	3506.39	17.24	17.96	0.72	3489.04
MW - 8	11/03/10	3506.39	16.91	17.16	0.25	3489.44
MW - 8	11/10/10	3506.39	17.27	17.91	0.64	3489.02
MW - 8	11/12/10	3506.39	17.27	17.91	0.64	3489.02
MW - 8	12/09/10	3506.39	16.91	17.17	0.26	3489.44
MW - 9	01/04/10	3509.36	-	20.41	0.00	3488.95
MW - 9	02/09/10	3509.36	-	20.25	0.00	3489.11
MW - 9	05/12/10	3509.36	-	19.84	0.00	3489.52
MW - 9	08/03/10	3509.36	-	19.58	0.00	3489.78
MW - 9	08/11/10	3509.36	-	19.85	0.00	3489.51
MW - 9	08/19/10	3509.36	-	19.62	0.00	3489.74
MW - 9	11/11/10	3509.36	-	20.49	0.00	3488.87
MW - 10	01/04/10	3509.91	-	20.80	0.00	3489.11
MW - 10	01/14/10	3509.91	-	20.80	0.00	3489.11
MW - 10	01/20/10	3509.91	-	20.70	0.00	3489.21
MW - 10	01/25/10	3509.91	-	20.72	0.00	3489.19
MW - 10	01/27/10	3509.91	-	20.70	0.00	3489.21
MW - 10	02/01/10	3509.91	-	20.67	0.00	3489.24
MW - 10	02/08/10	3509.91	-	20.66	0.00	3489.25
MW - 10	02/09/10	3509.91	-	20.74	0.00	3489.17
MW - 10	02/19/10	3509.91	-	20.53	0.00	3489.38
MW - 10	02/26/10	3509.91	-	19.61	0.00	3490.30
MW - 10	03/01/10	3509.91	-	20.70	0.00	3489.21
MW - 10	03/04/10	3509.91	-	20.56	0.00	3489.35
MW - 10	03/08/10	3509.91	-	20.58	0.00	3489.33
MW - 10	03/11/10	3509.91	-	20.47	0.00	3489.44
MW - 10	03/15/10	3509.91	-	20.54	0.00	3489.37
MW - 10	03/17/10	3509.91	-	20.45	0.00	3489.46
MW - 10	03/22/10	3509.91	-	20.41	0.00	3489.50
MW - 10	03/29/10	3509.91	-	20.37	0.00	3489.54
MW - 10	04/05/10	3509.91	-	20.42	0.00	3489.49
MW - 10	04/14/10	3509.91	-	20.39	0.00	3489.52
MW - 10	04/16/10	3509.91	-	20.92	0.00	3488.99

TABLE 1

GROUNDWATER ELEVATION DATA - 2010

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	04/19/10	3509.91	-	20.42	0.00	3489.49
MW - 10	04/28/10	3509.91	-	20.34	0.00	3489.57
MW - 10	05/05/10	3509.91	-	20.82	0.00	3489.09
MW - 10	05/12/10	3509.91	-	20.37	0.00	3489.54
MW - 10	05/14/10	3509.91	-	20.37	0.00	3489.54
MW - 10	05/21/10	3509.91	-	20.38	0.00	3489.53
MW - 10	05/26/10	3509.91	-	20.33	0.00	3489.58
MW - 10	06/04/10	3509.91	-	20.40	0.00	3489.51
MW - 10	06/07/10	3509.91	-	20.52	0.00	3489.39
MW - 10	06/12/10	3509.91	-	20.56	0.00	3489.35
MW - 10	06/24/10	3509.91	-	20.68	0.00	3489.23
MW - 10	07/07/10	3509.91	-	20.33	0.00	3489.58
MW - 10	07/12/10	3509.91	-	20.13	0.00	3489.78
MW - 10	07/19/10	3509.91	-	20.05	0.00	3489.86
MW - 10	08/03/10	3509.91	-	19.97	0.00	3489.94
MW - 10	08/11/10	3509.91	-	19.97	0.00	3489.94
MW - 10	08/19/10	3509.91	-	20.03	0.00	3489.88
MW - 10	08/25/10	3509.91	-	20.06	0.00	3489.85
MW - 10	09/01/10	3509.91	-	20.12	0.00	3489.79
MW - 10	09/09/10	3509.91	-	20.20	0.00	3489.71
MW - 10	09/13/10	3509.91	-	19.96	0.00	3489.95
MW - 10	09/29/10	3509.91	-	20.28	0.00	3489.63
MW - 10	10/05/10	3509.91	-	19.85	0.00	3490.06
MW - 10	10/20/10	3509.91	-	19.89	0.00	3490.02
MW - 10	10/25/10	3509.91	-	19.87	0.00	3490.04
MW - 10	11/03/10	3509.91	-	20.07	0.00	3489.84
MW - 10	11/10/10	3509.91	-	20.11	0.00	3489.80
MW - 10	11/11/10	3509.91	-	20.11	0.00	3489.80
MW - 10	12/09/10	3509.91	-	19.92	0.00	3489.99
MW - 11	01/04/10	3509.27	-	19.97	0.00	3489.30
MW - 11	02/09/10	3509.27	-	19.81	0.00	3489.46
MW - 11	05/12/10	3509.27	-	19.36	0.00	3489.91
MW - 11	08/11/10	3509.27	-	19.36	0.00	3489.91
MW - 11	11/11/10	3509.27	-	20.09	0.00	3489.18
MW - 12	01/04/10	3508.63	-	19.54	0.00	3489.09
MW - 12	02/09/10	3508.63	-	19.42	0.00	3489.21
MW - 12	05/12/10	3508.63	-	18.99	0.00	3489.64
MW - 12	08/11/10	3508.63	-	19.00	0.00	3489.63
MW - 12	11/11/10	3508.63	-	19.65	0.00	3488.98
MW - 13	01/04/10	3507.96	-	19.02	0.00	3488.94
MW - 13	02/09/10	3507.96	-	18.91	0.00	3489.05
MW - 13	05/12/10	3507.96	-	18.50	0.00	3489.46
MW - 13	08/11/10	3507.96	-	18.52	0.00	3489.44
MW - 13	11/11/10	3507.96	-	19.16	0.00	3488.80
MW - 14	01/04/10	3507.46	18.94	19.69	0.75	3488.41
MW - 14	01/14/10	3507.46	18.88	19.70	0.82	3488.46
MW - 14	01/20/10	3507.46	18.85	19.66	0.81	3488.49

TABLE 1

GROUNDWATER ELEVATION DATA - 2010

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 14	01/25/10	3507.46	18.84	19.20	0.36	3488.57
MW - 14	01/27/10	3507.46	18.85	19.47	0.62	3488.52
MW - 14	02/01/10	3507.46	18.86	19.33	0.47	3488.53
MW - 14	02/08/10	3507.46	18.79	19.21	0.42	3488.61
MW - 14	02/09/10	3507.46	18.89	19.24	0.35	3488.52
MW - 14	02/19/10	3507.46	18.72	19.23	0.51	3488.66
MW - 14	02/26/10	3507.46	18.79	19.22	0.43	3488.61
MW - 14	03/01/10	3507.46	18.82	19.19	0.37	3488.58
MW - 14	03/04/10	3507.46	18.72	19.13	0.41	3488.68
MW - 14	03/08/10	3507.46	18.72	19.05	0.33	3488.69
MW - 14	03/11/10	3507.46	18.69	18.96	0.27	3488.73
MW - 14	03/15/10	3507.46	18.72	19.16	0.44	3488.67
MW - 14	03/17/10	3507.46	18.66	18.92	0.26	3488.76
MW - 14	03/22/10	3507.46	18.68	18.89	0.21	3488.75
MW - 14	03/29/10	3507.46	18.58	18.90	0.32	3488.83
MW - 14	04/05/10	3507.46	18.58	19.03	0.45	3488.81
MW - 14	04/14/10	3507.46	18.58	18.96	0.38	3488.82
MW - 14	04/16/10	3507.46	18.51	18.93	0.42	3488.89
MW - 14	04/19/10	3507.46	18.55	18.90	0.35	3488.86
MW - 14	04/28/10	3507.46	18.48	18.79	0.31	3488.93
MW - 14	05/05/10	3507.46	18.43	18.75	0.32	3488.98
MW - 14	05/12/10	3507.46	18.51	18.84	0.33	3488.90
MW - 14	05/14/10	3507.46	18.51	18.84	0.33	3488.90
MW - 14	05/21/10	3507.46	18.53	18.82	0.29	3488.89
MW - 14	05/26/10	3507.46	18.49	18.85	0.36	3488.92
MW - 14	06/04/10	3507.46	18.55	18.81	0.26	3488.87
MW - 14	06/07/10	3507.46	18.66	19.15	0.49	3488.73
MW - 14	06/12/10	3507.46	18.69	19.25	0.56	3488.69
MW - 14	06/24/10	3507.46	18.92	19.61	0.69	3488.44
MW - 14	06/30/10	3507.46	18.87	19.40	0.53	3488.51
MW - 14	07/07/10	3507.46	18.12	19.51	1.39	3489.13
MW - 14	07/12/10	3507.46	18.01	19.53	1.52	3489.22
MW - 14	07/19/10	3507.46	17.96	19.47	1.51	3489.27
MW - 14	08/03/10	3507.46	17.91	19.38	1.47	3489.33
MW - 14	08/11/10	3507.46	17.98	19.42	1.44	3489.26
MW - 14	08/19/10	3507.46	18.09	18.72	0.63	3489.28
MW - 14	08/25/10	3507.46	18.15	19.10	0.95	3489.17
MW - 14	09/01/10	3507.46	18.18	18.81	0.63	3489.19
MW - 14	09/09/10	3507.46	18.27	19.22	0.95	3489.05
MW - 14	09/13/10	3507.46	17.97	19.40	1.43	3489.28
MW - 14	09/29/10	3507.46	18.40	19.35	0.95	3488.92
MW - 14	10/05/10	3507.46	17.95	19.37	1.42	3489.30
MW - 14	10/20/10	3507.46	18.69	19.40	0.71	3488.66
MW - 14	10/25/10	3507.46	18.69	19.40	0.71	3488.66
MW - 14	11/03/10	3507.46	18.02	19.46	1.44	3489.22
MW - 14	11/10/10	3507.46	18.48	19.46	0.98	3488.83
MW - 14	11/12/10	3507.46	18.48	19.64	1.16	3488.81
MW - 14	12/09/10	3507.46	17.94	18.44	0.50	3489.45
MW - 15	01/04/10	3506.48	18.05	18.19	0.14	3488.41
MW - 15	01/14/10	3506.48	17.96	18.04	0.08	3488.51

TABLE 1

GROUNDWATER ELEVATION DATA - 2010

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 LEA COUNTY, NEW MEXICO
 PLAINS MARKETING, L.P.
 NMOCD REFERENCE NUMBER AP-017

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 15	01/20/10	3506.48	17.94	18.05	0.11	3488.52
MW - 15	01/25/10	3506.48	18.07	18.23	0.16	3488.39
MW - 15	01/27/10	3506.48	17.92	18.05	0.13	3488.54
MW - 15	02/01/10	3506.48	17.92	18.05	0.13	3488.54
MW - 15	02/08/10	3506.48	17.84	17.97	0.13	3488.62
MW - 15	02/09/10	3506.48	17.92	18.04	0.12	3488.54
MW - 15	02/19/10	3506.48	18.06	18.21	0.15	3488.40
MW - 15	02/26/10	3506.48	17.86	18.04	0.18	3488.59
MW - 15	03/01/10	3506.48	18.12	18.24	0.12	3488.34
MW - 15	03/04/10	3506.48	17.83	17.97	0.14	3488.63
MW - 15	03/08/10	3506.48	17.78	17.90	0.12	3488.68
MW - 15	03/11/10	3506.48	17.70	17.80	0.10	3488.77
MW - 15	03/15/10	3506.48	17.80	17.91	0.11	3488.66
MW - 15	03/17/10	3506.48	17.71	17.76	0.05	3488.76
MW - 15	03/22/10	3506.48	17.68	17.93	0.25	3488.76
MW - 15	03/29/10	3506.48	17.64	17.70	0.06	3488.83
MW - 15	04/05/10	3506.48	17.68	17.76	0.08	3488.79
MW - 15	04/14/10	3506.48	17.68	17.73	0.05	3488.79
MW - 15	04/16/10	3506.48	17.61	17.73	0.12	3488.85
MW - 15	04/19/10	3506.48	17.63	17.69	0.06	3488.84
MW - 15	04/28/10	3506.48	17.58	17.62	0.04	3488.89
MW - 15	05/05/10	3506.48	17.52	17.61	0.09	3488.95
MW - 15	05/12/10	3506.48	17.57	17.59	0.02	3488.91
MW - 15	05/14/10	3506.48	17.57	17.59	0.02	3488.91
MW - 15	05/21/10	3506.48	17.49	17.51	0.02	3488.99
MW - 15	05/26/10	3506.48	-	17.64	0.00	3488.84
MW - 15	06/04/10	3506.48	-	17.55	0.00	3488.93
MW - 15	06/07/10	3506.48	-	17.85	0.00	3488.63
MW - 15	06/12/10	3506.48	-	17.80	0.00	3488.68
MW - 15	06/24/10	3506.48	-	18.00	0.00	3488.48
MW - 15	06/30/10	3506.48	-	18.01	0.00	3488.47
MW - 15	07/07/10	3506.48	-	17.40	0.00	3489.08
MW - 15	07/12/10	3506.48	-	17.31	0.00	3489.17
MW - 15	07/19/10	3506.48	-	17.28	0.00	3489.20
MW - 15	08/03/10	3506.48	17.20	17.22	0.02	3489.28
MW - 15	08/11/10	3506.48	17.20	17.22	0.02	3489.28
MW - 15	08/19/10	3506.48	17.14	17.25	0.11	3489.32
MW - 15	08/25/10	3506.48	17.20	17.38	0.18	3489.25
MW - 15	09/01/10	3506.48	17.21	17.46	0.25	3489.23
MW - 15	09/09/10	3506.48	17.29	17.69	0.40	3489.13
MW - 15	09/13/10	3506.48	17.19	17.21	0.02	3489.29
MW - 15	09/29/10	3506.48	17.39	17.98	0.59	3489.00
MW - 15	10/05/10	3506.48	17.21	17.22	0.01	3489.27
MW - 15	10/20/10	3506.48	17.47	18.35	0.88	3488.88
MW - 15	10/25/10	3506.48	17.49	18.32	0.83	3488.87
MW - 15	11/03/10	3506.48	17.21	17.24	0.03	3489.27
MW - 15	11/10/10	3506.48	17.54	17.60	0.06	3488.93
MW - 15	11/12/10	3506.48	17.54	17.60	0.06	3488.93
MW - 15	12/09/10	3506.48	17.26	17.31	0.05	3489.21
MW - 16	01/04/10	3509.38	-	20.36	0.00	3489.02

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WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 16	02/09/10	3509.38	-	20.18	0.00	3489.20
MW - 16	05/12/10	3509.38	-	19.75	0.00	3489.63
MW - 16	08/11/10	3509.38	-	19.75	0.00	3489.63
MW - 16	11/11/10	3509.38	-	20.40	0.00	3488.98
MW - 17	01/04/10	3507.56	-	19.24	0.00	3488.32
MW - 17	02/09/10	3507.56	-	19.09	0.00	3488.47
MW - 17	05/12/10	3507.56	-	18.70	0.00	3488.86
MW - 17	08/11/10	3507.56	-	18.70	0.00	3488.86
MW - 17	11/11/10	3507.56	-	19.29	0.00	3488.27
MW - 18	01/04/10	3509.12	-	20.67	0.00	3488.45
MW - 18	02/09/10	3509.12	-	20.54	0.00	3488.58
MW - 18	05/12/10	3509.12	-	20.04	0.00	3489.08
MW - 18	08/11/10	3509.12	-	20.03	0.00	3489.09
MW - 18	11/11/10	3509.12	-	20.70	0.00	3488.42
MW - 19	01/04/10	3507.28	-	19.09	0.00	3488.19
MW - 19	01/14/10	3507.28	-	19.07	0.00	3488.21
MW - 19	01/20/10	3507.28	-	18.98	0.00	3488.30
MW - 19	01/25/10	3507.28	-	18.98	0.00	3488.30
MW - 19	01/27/10	3507.28	-	18.98	0.00	3488.30
MW - 19	02/01/10	3507.28	-	0.00	0.00	3507.28
MW - 19	02/08/10	3507.28	-	19.09	0.00	3488.19
MW - 19	02/09/10	3507.28	-	19.05	0.00	3488.23
MW - 19	02/19/10	3507.28	-	18.92	0.00	3488.36
MW - 19	02/26/10	3507.28	-	18.92	0.00	3488.36
MW - 19	03/01/10	3507.28	-	18.97	0.00	3488.31
MW - 19	03/04/10	3507.28	-	18.88	0.00	3488.40
MW - 19	03/08/10	3507.28	-	18.90	0.00	3488.38
MW - 19	03/11/10	3507.28	-	18.79	0.00	3488.49
MW - 19	03/15/10	3507.28	-	18.86	0.00	3488.42
MW - 19	03/17/10	3507.28	-	18.78	0.00	3488.50
MW - 19	03/22/10	3507.28	-	18.73	0.00	3488.55
MW - 19	03/29/10	3507.28	-	18.68	0.00	3488.60
MW - 19	04/05/10	3507.28	-	18.74	0.00	3488.54
MW - 19	04/14/10	3507.28	-	18.71	0.00	3488.57
MW - 19	04/16/10	3507.28	-	18.64	0.00	3488.64
MW - 19	04/19/10	3507.28	-	18.72	0.00	3488.56
MW - 19	04/28/10	3507.28	-	18.62	0.00	3488.66
MW - 19	05/05/10	3507.28	-	18.59	0.00	3488.69
MW - 19	05/12/10	3507.28	-	18.67	0.00	3488.61
MW - 19	05/14/10	3507.28	-	18.68	0.00	3488.60
MW - 19	05/21/10	3507.28	-	18.68	0.00	3488.60
MW - 19	05/26/10	3507.28	-	18.61	0.00	3488.67
MW - 19	06/04/10	3507.28	-	18.66	0.00	3488.62
MW - 19	06/07/10	3507.28	-	18.75	0.00	3488.53
MW - 19	06/12/10	3507.28	-	18.80	0.00	3488.48
MW - 19	06/24/10	3507.28	-	18.93	0.00	3488.35
MW - 19	06/30/10	3507.28	-	19.04	0.00	3488.24
MW - 19	07/07/10	3507.28	-	18.57	0.00	3488.71

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WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 19	07/12/10	3507.28	-	18.32	0.00	3488.96
MW - 19	07/19/10	3507.28	-	18.24	0.00	3489.04
MW - 19	08/03/10	3507.28	-	18.23	0.00	3489.05
MW - 19	08/11/10	3507.28	-	18.24	0.00	3489.04
MW - 19	08/19/10	3507.28	-	18.29	0.00	3488.99
MW - 19	08/25/10	3507.28	-	18.31	0.00	3488.97
MW - 19	09/01/10	3507.28	-	18.34	0.00	3488.94
MW - 19	09/09/10	3507.28	-	18.41	0.00	3488.87
MW - 19	09/13/10	3507.28	-	18.23	0.00	3489.05
MW - 19	09/29/10	3507.28	-	18.50	0.00	3488.78
MW - 19	10/05/10	3507.28	-	18.26	0.00	3489.02
MW - 19	10/20/10	3507.28	-	18.60	0.00	3488.68
MW - 19	10/25/10	3507.28	-	18.62	0.00	3488.66
MW - 19	11/03/10	3507.28	-	18.28	0.00	3489.00
MW - 19	11/10/10	3507.28	-	18.66	0.00	3488.62
MW - 19	11/12/10	3507.28	-	18.66	0.00	3488.62
MW - 19	12/09/10	3507.28	-	18.21	0.00	3489.07
MW - 20	02/09/10	3508.43	-	20.41	0.00	3488.02
MW - 20	05/12/10	3508.43	-	19.97	0.00	3488.46
MW - 20	08/03/10	3508.43	-	19.62	0.00	3488.81
MW - 20	08/11/10	3508.43	-	19.97	0.00	3488.46
MW - 20	08/19/10	3508.43	-	19.66	0.00	3488.77
MW - 20	11/12/10	3508.43	-	20.55	0.00	3487.88
MW - 21	01/04/10	3506.98	-	19.50	0.00	3487.48
MW - 21	02/09/10	3506.98	-	19.29	0.00	3487.69
MW - 21	05/12/10	3506.98	-	18.91	0.00	3488.07
MW - 21	08/11/10	3506.98	-	18.91	0.00	3488.07
MW - 21	11/11/10	3506.98	-	19.48	0.00	3487.50
MW - 22	01/04/10	3505.61	-	18.46	0.00	3487.15
MW - 22	02/09/10	3505.61	-	18.29	0.00	3487.32
MW - 22	05/12/10	3505.61	-	17.94	0.00	3487.67
MW - 22	08/11/10	3505.61	-	17.94	0.00	3487.67
MW - 22	11/11/10	3505.61	-	18.46	0.00	3487.15
MW - 23	01/04/10	3509.79	-	22.13	0.00	3487.66
MW - 23	02/09/10	3509.79	-	22.00	0.00	3487.79
MW - 23	05/12/10	3509.79	-	21.63	0.00	3488.16
MW - 23	08/11/10	3509.79	-	21.62	0.00	3488.17
MW - 23	11/11/10	3509.79	-	22.12	0.00	3487.67
MW - 24	01/04/10	3509.68	-	22.42	0.00	3487.26
MW - 24	02/09/10	3509.68	-	22.28	0.00	3487.40
MW - 24	05/12/10	3509.68	-	21.89	0.00	3487.79
MW - 24	08/11/10	3509.68	-	21.91	0.00	3487.77
MW - 24	11/11/10	3509.68	-	22.46	0.00	3487.22
MW - 25	01/04/10	3509.65	-	21.77	0.00	3487.88
MW - 25	02/09/10	3509.65	-	21.64	0.00	3488.01

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WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 25	05/12/10	3509.65	-	21.26	0.00	3488.39
MW - 25	08/11/10	3509.65	-	21.27	0.00	3488.38
MW - 25	11/11/10	3509.65	-	21.83	0.00	3487.82
MW - 26	01/04/10	3507.49	-	19.46	0.00	3488.03
MW - 26	02/09/10	3507.49	-	19.29	0.00	3488.20
MW - 26	05/12/10	3507.49	-	18.89	0.00	3488.60
MW - 26	08/11/10	3507.49	-	18.88	0.00	3488.61
MW - 26	11/11/10	3507.49	-	19.47	0.00	3488.02
MW - 27	01/04/10	3507.66	-	19.87	0.00	3487.79
MW - 27	02/09/10	3507.66	-	19.73	0.00	3487.93
MW - 27	05/12/10	3507.66	-	19.33	0.00	3488.33
MW - 27	08/11/10	3507.66	-	19.33	0.00	3488.33
MW - 27	11/11/10	3507.66	-	19.89	0.00	3487.77
MW - 28	01/04/10	3508.37	-	20.31	0.00	3488.06
MW - 28	02/09/10	3508.37	-	20.17	0.00	3488.20
MW - 28	05/12/10	3508.37	-	19.79	0.00	3488.58
MW - 28	08/11/10	3508.37	-	19.78	0.00	3488.59
MW - 28	11/11/10	3508.37	-	20.34	0.00	3488.03
RW - 1	01/14/10	3507.27	-	19.09	0.00	3489.03
RW - 1	01/20/10	3507.27	-	19.14	0.00	3488.98
RW - 1	01/25/10	3507.27	-	19.27	0.00	3488.85
RW - 1	01/27/10	3507.27	-	19.15	0.00	3488.97
RW - 1	02/01/10	3507.27	-	19.21	0.00	3488.91
RW - 1	02/08/10	3507.27	-	19.04	0.00	3489.08
RW - 1	02/09/10	3507.27	-	19.43	0.00	3488.69
RW - 1	02/19/10	3507.27	-	19.81	0.00	3488.31
RW - 1	02/26/10	3507.27	-	18.95	0.00	3489.17
RW - 1	03/01/10	3507.27	-	19.27	0.00	3488.85
RW - 1	03/04/10	3507.27	-	18.89	0.00	3489.23
RW - 1	03/08/10	3507.27	-	18.94	0.00	3489.18
RW - 1	03/11/10	3507.27	-	18.82	0.00	3489.30
RW - 1	03/15/10	3507.27	-	18.84	0.00	3489.28
RW - 1	03/17/10	3507.27	-	18.83	0.00	3489.29
RW - 1	03/22/10	3507.27	-	18.76	0.00	3489.36
RW - 1	03/29/10	3507.27	-	18.69	0.00	3489.43
RW - 1	04/05/10	3507.27	-	18.71	0.00	3489.41
RW - 1	04/14/10	3507.27	-	18.69	0.00	3489.43
RW - 1	04/16/10	3507.27	-	18.63	0.00	3489.49
RW - 1	04/19/10	3507.27	-	18.70	0.00	3489.42
RW - 1	04/28/10	3507.27	-	18.64	0.00	3489.48
RW - 1	05/05/10	3507.27	-	18.58	0.00	3489.54
RW - 1	05/12/10	3507.27	-	18.64	0.00	3489.48
RW - 1	05/14/10	3507.27	-	18.64	0.00	3489.48
RW - 1	05/21/10	3507.27	-	18.45	0.00	3489.67
RW - 1	05/26/10	3507.27	-	18.59	0.00	3489.53
RW - 1	06/04/10	3507.27	-	18.49	0.00	3489.63
RW - 1	06/07/10	3507.27	-	18.68	0.00	3489.44

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LEA COUNTY, NEW MEXICO
PLAINS MARKETING, L.P.
NMOCD REFERENCE NUMBER AP-017

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	06/12/10	3507.27	-	18.74	0.00	3489.38
RW - 1	06/24/10	3507.27	-	18.90	0.00	3489.22
RW - 1	06/30/10	3507.27	-	18.42	0.00	3489.70
RW - 1	07/07/10	3507.27	-	18.60	0.00	3489.52
RW - 1	07/12/10	3507.27	-	18.22	0.00	3489.90
RW - 1	07/19/10	3507.27	-	18.33	0.00	3489.79
RW - 1	08/03/10	3507.27	18.08	18.10	0.02	3490.00
RW - 1	08/11/10	3507.27	18.08	18.10	0.02	3490.00
RW - 1	08/19/10	3507.27	18.11	18.12	0.01	3489.99
RW - 1	08/25/10	3507.27	18.19	18.26	0.07	3489.79
RW - 1	09/01/10	3507.27	18.2	18.29	0.09	3489.74
RW - 1	09/09/10	3507.27	18.3	18.41	0.11	3489.60
RW - 1	09/13/10	3507.27	18.08	18.10	0.02	3490.00
RW - 1	09/29/10	3507.27	18.38	18.50	0.12	3489.50
RW - 1	10/05/10	3507.27	18.06	18.11	0.05	3489.96
RW - 1	10/20/10	3507.27	18.5	18.94	0.44	3488.74
RW - 1	10/25/10	3507.27	18.52	18.93	0.41	3488.78
RW - 1	11/03/10	3507.27	18.06	18.09	0.03	3490.00
RW - 1	11/10/10	3507.27	18.15	18.21	0.06	3489.85
RW - 1	11/12/10	3507.27	18.15	18.21	0.06	3489.85
RW - 1	12/09/10	3507.27	18.02	18.13	0.11	3489.88
RW - 2	01/14/10	3507.45	-	18.85	0.00	3488.60
RW - 2	01/20/10	3507.45	-	18.71	0.00	3488.74
RW - 2	01/25/10	3507.45	-	18.94	0.00	3488.51
RW - 2	01/27/10	3507.45	-	18.70	0.00	3488.75
RW - 2	02/01/10	3507.45	-	18.64	0.00	3488.81
RW - 2	02/08/10	3507.45	-	18.72	0.00	3488.73
RW - 2	02/09/10	3507.45	-	18.80	0.00	3488.65
RW - 2	02/19/10	3507.45	-	18.61	0.00	3488.84
RW - 2	02/26/10	3507.45	-	18.64	0.00	3488.81
RW - 2	03/01/10	3507.45	-	18.94	0.00	3488.51
RW - 2	03/04/10	3507.45	-	18.65	0.00	3488.80
RW - 2	03/08/10	3507.45	-	18.66	0.00	3488.79
RW - 2	03/11/10	3507.45	-	18.48	0.00	3488.97
RW - 2	03/15/10	3507.45	-	18.66	0.00	3488.79
RW - 2	03/17/10	3507.45	-	18.52	0.00	3488.93
RW - 2	03/22/10	3507.45	-	18.43	0.00	3489.02
RW - 2	03/29/10	3507.45	-	18.40	0.00	3489.05
RW - 2	04/05/10	3507.45	-	18.49	0.00	3488.96
RW - 2	04/14/10	3507.45	-	18.49	0.00	3488.96
RW - 2	04/16/10	3507.45	-	18.39	0.00	3489.06
RW - 2	04/19/10	3507.45	-	18.46	0.00	3488.99
RW - 2	04/28/10	3507.45	-	18.38	0.00	3489.07
RW - 2	05/05/10	3507.45	-	18.29	0.00	3489.16
RW - 2	05/12/10	3507.45	-	18.35	0.00	3489.10
RW - 2	05/14/10	3507.45	-	18.37	0.00	3489.08
RW - 2	05/21/10	3507.45	-	18.37	0.00	3489.08
RW - 2	05/26/10	3507.45	-	18.36	0.00	3489.09
RW - 2	06/04/10	3507.45	-	18.39	0.00	3489.06
RW - 2	06/07/10	3507.45	-	18.53	0.00	3488.92

TABLE 1

GROUNDWATER ELEVATION DATA - 2010

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LEA COUNTY, NEW MEXICO
PLAINS MARKETING, L.P.
NMOCD REFERENCE NUMBER AP-017

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 2	06/12/10	3507.45	-	18.53	0.00	3488.92
RW - 2	06/24/10	3507.45	-	18.66	0.00	3488.79
RW - 2	07/07/10	3507.45	-	18.12	0.00	3489.33
RW - 2	07/12/10	3507.45	-	17.98	0.00	3489.47
RW - 2	07/19/10	3507.45	-	17.95	0.00	3489.50
RW - 2	08/03/10	3507.45	-	17.99	0.00	3489.46
RW - 2	08/11/10	3507.45	-	18.01	0.00	3489.44
RW - 2	08/19/10	3507.45	-	17.89	0.00	3489.56
RW - 2	08/25/10	3507.45	-	17.99	0.00	3489.46
RW - 2	09/01/10	3507.45	-	18.09	0.00	3489.36
RW - 2	09/09/10	3507.45	-	18.14	0.00	3489.31
RW - 2	09/13/10	3507.45	-	18.01	0.00	3489.44
RW - 2	09/29/10	3507.45	-	18.30	0.00	3489.15
RW - 2	10/05/10	3507.45	-	18.03	0.00	3489.42
RW - 2	10/20/10	3507.45	-	18.07	0.00	3489.38
RW - 2	10/25/10	3507.45	-	18.08	0.00	3489.37
RW - 2	11/03/10	3507.45	-	17.98	0.00	3489.47
RW - 2	11/10/10	3507.45	-	18.40	0.00	3489.05
RW - 2	11/12/10	3507.45	-	18.40	0.00	3489.05
RW - 2	12/09/10	3507.45	-	18.03	0.00	3489.42
RW - 3	01/04/10	3507.86	-	19.25	0.00	3488.61
RW - 3	01/14/10	3507.86	-	19.18	0.00	3488.68
RW - 3	01/20/10	3507.86	-	19.09	0.00	3488.77
RW - 3	01/25/10	3507.86	-	19.24	0.00	3488.62
RW - 3	01/27/10	3507.86	-	19.08	0.00	3488.78
RW - 3	02/01/10	3507.86	-	19.15	0.00	3488.71
RW - 3	02/08/10	3507.86	-	19.05	0.00	3488.81
RW - 3	02/09/10	3507.86	-	19.16	0.00	3488.70
RW - 3	02/19/10	3507.86	-	19.01	0.00	3488.85
RW - 3	02/26/10	3507.86	-	19.00	0.00	3488.86
RW - 3	03/01/10	3507.86	-	19.27	0.00	3488.59
RW - 3	03/04/10	3507.86	-	18.97	0.00	3488.89
RW - 3	03/08/10	3507.86	-	19.01	0.00	3488.85
RW - 3	03/11/10	3507.86	-	18.85	0.00	3489.01
RW - 3	03/15/10	3507.86	-	18.95	0.00	3488.91
RW - 3	03/17/10	3507.86	-	18.85	0.00	3489.01
RW - 3	03/22/10	3507.86	-	18.80	0.00	3489.06
RW - 3	03/29/10	3507.86	-	17.77	0.00	3490.09
RW - 3	04/05/10	3507.86	-	18.84	0.00	3489.02
RW - 3	04/14/10	3507.86	-	18.79	0.00	3489.07
RW - 3	04/16/10	3507.86	-	18.72	0.00	3489.14
RW - 3	04/19/10	3507.86	-	18.82	0.00	3489.04
RW - 3	04/28/10	3507.86	-	18.73	0.00	3489.13
RW - 3	05/05/10	3507.86	-	18.63	0.00	3489.23
RW - 3	05/12/10	3507.86	-	18.68	0.00	3489.18
RW - 3	05/14/10	3507.86	-	18.69	0.00	3489.17
RW - 3	05/21/10	3507.86	-	18.68	0.00	3489.18
RW - 3	05/26/10	3507.86	-	18.69	0.00	3489.17
RW - 3	06/04/10	3507.86	-	18.69	0.00	3489.17
RW - 3	06/07/10	3507.86	-	18.83	0.00	3489.03

TABLE 1

GROUNDWATER ELEVATION DATA - 2010

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 PLAINS MARKETING, L.P.
 NMOCD REFERENCE NUMBER AP-017

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 3	06/12/10	3507.86	-	18.88	0.00	3488.98
RW - 3	06/24/10	3507.86	-	19.02	0.00	3488.84
RW - 3	07/07/10	3507.86	-	18.55	0.00	3489.31
RW - 3	07/12/10	3507.86	-	18.45	0.00	3489.41
RW - 3	07/19/10	3507.86	-	18.33	0.00	3489.53
RW - 3	08/03/10	3507.86	-	18.29	0.00	3489.57
RW - 3	08/11/10	3507.86	-	18.26	0.00	3489.60
RW - 3	08/19/10	3507.86	-	18.30	0.00	3489.56
RW - 3	08/25/10	3507.86	-	18.38	0.00	3489.48
RW - 3	09/01/10	3507.86	-	18.41	0.00	3489.45
RW - 3	09/09/10	3507.86	-	18.45	0.00	3489.41
RW - 3	09/13/10	3507.86	-	18.28	0.00	3489.58
RW - 3	09/29/10	3507.86	-	18.59	0.00	3489.27
RW - 3	10/05/10	3507.86	-	18.27	0.00	3489.59
RW - 3	10/20/10	3507.86	-	18.30	0.00	3489.56
RW - 3	10/25/10	3507.86	-	18.32	0.00	3489.54
RW - 3	11/03/10	3507.86	-	18.37	0.00	3489.49
RW - 3	11/10/10	3507.86	-	18.75	0.00	3489.11
RW - 3	11/12/10	3507.86	-	18.75	0.00	3489.11
RW - 3	12/09/10	3507.86	-	18.29	0.00	3489.57
RW - 4	01/04/10	3507.22	-	18.48	0.00	3488.74
RW - 4	01/14/10	3507.22	-	18.48	0.00	3488.74
RW - 4	01/20/10	3507.22	-	18.35	0.00	3488.87
RW - 4	01/25/10	3507.22	-	18.49	0.00	3488.73
RW - 4	01/27/10	3507.22	-	18.36	0.00	3488.86
RW - 4	02/01/10	3507.22	-	18.24	0.00	3488.98
RW - 4	02/08/10	3507.22	-	18.24	0.00	3488.98
RW - 4	02/09/10	3507.22	-	18.44	0.00	3488.78
RW - 4	02/19/10	3507.22	-	18.21	0.00	3489.01
RW - 4	02/26/10	3507.22	-	18.27	0.00	3488.95
RW - 4	03/01/10	3507.22	-	18.46	0.00	3488.76
RW - 4	03/04/10	3507.22	-	18.24	0.00	3488.98
RW - 4	03/08/10	3507.22	-	18.27	0.00	3488.95
RW - 4	03/11/10	3507.22	-	18.53	0.00	3488.69
RW - 4	03/15/10	3507.22	-	18.25	0.00	3488.97
RW - 4	03/17/10	3507.22	-	18.10	0.00	3489.12
RW - 4	03/22/10	3507.22	-	18.07	0.00	3489.15
RW - 4	03/29/10	3507.22	-	18.05	0.00	3489.17
RW - 4	04/05/10	3507.22	-	18.10	0.00	3489.12
RW - 4	04/14/10	3507.22	-	18.05	0.00	3489.17
RW - 4	04/16/10	3507.22	-	17.99	0.00	3489.23
RW - 4	04/19/10	3507.22	-	18.08	0.00	3489.14
RW - 4	04/28/10	3507.22	-	17.99	0.00	3489.23
RW - 4	05/05/10	3507.22	-	17.90	0.00	3489.32
RW - 4	05/12/10	3507.22	-	18.00	0.00	3489.22
RW - 4	05/14/10	3507.22	-	18.01	0.00	3489.21
RW - 4	05/21/10	3507.22	-	18.00	0.00	3489.22
RW - 4	05/26/10	3507.22	-	17.92	0.00	3489.30
RW - 4	06/04/10	3507.22	-	18.03	0.00	3489.19
RW - 4	06/07/10	3507.22	-	18.08	0.00	3489.14

TABLE 1
GROUNDWATER ELEVATION DATA - 2010

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NMOCD REFERENCE NUMBER AP-017

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 4	06/12/10	3507.22	-	18.12	0.00	3489.10
RW - 4	06/24/10	3507.22	-	18.23	0.00	3488.99
RW - 4	07/07/10	3507.22	-	17.96	0.00	3489.26
RW - 4	07/12/10	3507.22	-	17.74	0.00	3489.48
RW - 4	07/19/10	3507.22	-	17.68	0.00	3489.54
RW - 4	08/03/10	3507.22	-	17.59	0.00	3489.63
RW - 4	08/11/10	3507.22	-	17.59	0.00	3489.63
RW - 4	08/19/10	3507.22	-	17.58	0.00	3489.64
RW - 4	08/25/10	3507.22	-	17.66	0.00	3489.56
RW - 4	09/01/10	3507.22	-	17.73	0.00	3489.49
RW - 4	09/09/10	3507.22	-	17.91	0.00	3489.31
RW - 4	09/13/10	3507.22	-	17.61	0.00	3489.61
RW - 4	09/29/10	3507.22	-	17.90	0.00	3489.32
RW - 4	10/05/10	3507.22	-	17.63	0.00	3489.59
RW - 4	10/20/10	3507.22	-	17.65	0.00	3489.57
RW - 4	10/25/10	3507.22	-	17.65	0.00	3489.57
RW - 4	11/03/10	3507.22	-	17.62	0.00	3489.60
RW - 4	11/10/10	3507.22	-	18.01	0.00	3489.21
RW - 4	11/12/10	3507.22	-	18.01	0.00	3489.21
RW - 4	12/09/10	3507.22	-	17.62	0.00	3489.60
RW - 5	01/04/10	3506.91	18.32	18.51	0.19	3488.56
RW - 5	01/14/10	3506.91	18.34	18.54	0.20	3488.54
RW - 5	01/20/10	3506.91	18.25	18.41	0.16	3488.64
RW - 5	01/25/10	3506.91	18.33	18.38	0.05	3488.57
RW - 5	01/27/10	3506.91	18.22	18.35	0.13	3488.67
RW - 5	02/01/10	3506.91	18.26	18.55	0.29	3488.61
RW - 5	02/08/10	3506.91	18.15	18.33	0.18	3488.73
RW - 5	02/09/10	3506.91	18.25	18.31	0.06	3488.65
RW - 5	02/19/10	3506.91	18.04	18.38	0.34	3488.82
RW - 5	02/26/10	3506.91	18.15	18.30	0.15	3488.74
RW - 5	03/01/10	3506.91	18.33	18.57	0.24	3488.54
RW - 5	03/04/10	3506.91	18.12	18.20	0.08	3488.78
RW - 5	03/08/10	3506.91	18.12	18.18	0.06	3488.78
RW - 5	03/11/10	3506.91	17.99	18.04	0.05	3488.91
RW - 5	03/15/10	3506.91	18.10	18.23	0.13	3488.79
RW - 5	03/17/10	3506.91	18.00	18.08	0.08	3488.90
RW - 5	03/22/10	3506.91	17.86	18.13	0.27	3489.01
RW - 5	03/29/10	3506.91	17.91	18.00	0.09	3488.99
RW - 5	04/05/10	3506.91	17.97	18.06	0.09	3488.93
RW - 5	04/14/10	3506.91	17.96	18.08	0.12	3488.93
RW - 5	04/16/10	3506.91	17.92	18.03	0.11	3488.97
RW - 5	04/19/10	3506.91	17.96	18.10	0.14	3488.93
RW - 5	04/28/10	3506.91	17.89	17.97	0.08	3489.01
RW - 5	05/05/10	3506.91	17.77	17.87	0.10	3489.13
RW - 5	05/12/10	3506.91	17.85	18.02	0.17	3489.03
RW - 5	05/14/10	3506.91	17.85	18.03	0.18	3489.03
RW - 5	05/21/10	3506.91	17.84	18.00	0.16	3489.05
RW - 5	05/26/10	3506.91	17.82	18.02	0.20	3489.06
RW - 5	06/04/10	3506.91	17.87	18.01	0.14	3489.02
RW - 5	06/07/10	3506.91	18.00	18.16	0.16	3488.89

TABLE 1
GROUNDWATER ELEVATION DATA - 2010

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LEA COUNTY, NEW MEXICO
PLAINS MARKETING, L.P.
NMOCD REFERENCE NUMBER AP-017

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 5	06/12/10	3506.91	18.00	18.21	0.21	3488.88
RW - 5	06/24/10	3506.91	18.05	18.35	0.30	3488.82
RW - 5	06/30/10	3506.91	18.29	18.42	0.13	3488.60
RW - 5	07/07/10	3506.91	17.46	17.68	0.22	3489.42
RW - 5	07/12/10	3506.91	17.36	17.91	0.55	3489.47
RW - 5	07/19/10	3506.91	17.41	17.85	0.44	3489.43
RW - 5	08/03/10	3506.91	17.34	18.12	0.78	3489.45
RW - 5	08/11/10	3506.91	17.41	17.85	0.44	3489.43
RW - 5	08/19/10	3506.91	17.59	17.70	0.11	3489.30
RW - 5	08/25/10	3506.91	17.54	17.83	0.29	3489.33
RW - 5	09/01/10	3506.91	17.57	17.85	0.28	3489.30
RW - 5	09/09/10	3506.91	17.62	18.06	0.44	3489.22
RW - 5	09/13/10	3506.91	17.43	17.85	0.42	3489.42
RW - 5	09/29/10	3506.91	17.68	18.16	0.48	3489.16
RW - 5	10/05/10	3506.91	17.45	17.84	0.39	3489.40
RW - 5	10/20/10	3506.91	17.52	18.30	0.78	3489.27
RW - 5	10/25/10	3506.91	17.53	18.31	0.78	3489.26
RW - 5	11/03/10	3506.91	17.42	17.81	0.39	3489.43
RW - 5	11/10/10	3506.91	17.83	18.40	0.57	3488.99
RW - 5	11/12/10	3506.91	17.83	18.40	0.57	3488.99
RW - 5	12/09/10	3506.91	17.40	17.76	0.36	3489.46
RW - 6	01/04/10	3507.45	19.12	19.32	0.20	3488.30
RW - 6	01/14/10	3507.45	19.08	19.29	0.21	3488.34
RW - 6	01/20/10	3507.45	19.00	19.15	0.15	3488.43
RW - 6	01/25/10	3507.45	18.94	19.14	0.20	3488.48
RW - 6	01/27/10	3507.45	19.00	19.14	0.14	3488.43
RW - 6	02/01/10	3507.45	18.99	19.10	0.11	3488.44
RW - 6	02/08/10	3507.45	18.95	19.07	0.12	3488.48
RW - 6	02/08/10	3507.45	-	17.28	0.00	3490.17
RW - 6	02/09/10	3507.45	19.02	19.07	0.05	3488.42
RW - 6	02/19/10	3507.45	18.81	19.02	0.21	3488.61
RW - 6	02/26/10	3507.45	18.94	19.10	0.16	3488.49
RW - 6	03/01/10	3507.45	19.10	19.30	0.20	3488.32
RW - 6	03/04/10	3507.45	18.86	18.97	0.11	3488.57
RW - 6	03/08/10	3507.45	18.88	18.94	0.06	3488.56
RW - 6	03/11/10	3507.45	18.75	18.89	0.14	3488.68
RW - 6	03/15/10	3507.45	18.84	19.00	0.16	3488.59
RW - 6	03/17/10	3507.45	18.82	18.89	0.07	3488.62
RW - 6	03/22/10	3507.45	18.71	18.82	0.11	3488.72
RW - 6	03/29/10	3507.45	18.67	18.75	0.08	3488.77
RW - 6	04/05/10	3507.45	17.97	18.06	0.09	3489.47
RW - 6	04/14/10	3507.45	18.74	18.87	0.13	3488.69
RW - 6	04/16/10	3507.45	18.62	18.72	0.10	3488.82
RW - 6	04/19/10	3507.45	18.72	18.78	0.06	3488.72
RW - 6	04/28/10	3507.45	18.64	18.73	0.09	3488.80
RW - 6	05/05/10	3507.45	18.56	18.68	0.12	3488.87
RW - 6	05/12/10	3507.45	18.61	18.69	0.08	3488.83
RW - 6	05/14/10	3507.45	18.61	18.70	0.09	3488.83
RW - 6	05/21/10	3507.45	18.64	18.71	0.07	3488.80
RW - 6	05/26/10	3507.45	18.60	18.65	0.05	3488.84

TABLE 1

GROUNDWATER ELEVATION DATA - 2010

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 6	06/04/10	3507.45	18.66	18.72	0.06	3488.78
RW - 6	06/07/10	3507.45	18.78	18.90	0.12	3488.65
RW - 6	06/12/10	3507.45	18.85	19.00	0.15	3488.58
RW - 6	06/24/10	3507.45	18.96	19.11	0.15	3488.47
RW - 6	06/30/10	3507.45	19.00	19.14	0.14	3488.43
RW - 6	07/07/10	3507.45	18.41	18.88	0.47	3488.97
RW - 6	07/12/10	3507.45	18.45	18.60	0.15	3488.98
RW - 6	07/19/10	3507.45	18.18	18.47	0.29	3489.23
RW - 6	08/03/10	3507.45	18.18	18.63	0.45	3489.20
RW - 6	08/11/10	3507.45	18.20	18.47	0.27	3489.21
RW - 6	08/19/10	3507.45	18.22	18.50	0.28	3489.19
RW - 6	08/25/10	3507.45	18.25	18.60	0.35	3489.15
RW - 6	09/01/10	3507.45	18.27	18.70	0.43	3489.12
RW - 6	09/09/10	3507.45	18.33	18.86	0.53	3489.04
RW - 6	09/13/10	3507.45	18.18	18.45	0.27	3489.23
RW - 6	09/29/10	3507.45	18.52	18.95	0.43	3488.87
RW - 6	10/05/10	3507.45	18.19	18.47	0.28	3489.22
RW - 6	10/20/10	3507.45	18.59	19.04	0.45	3488.79
RW - 6	10/25/10	3507.45	18.58	19.07	0.49	3488.80
RW - 6	11/03/10	3507.45	18.31	18.57	0.26	3489.10
RW - 6	11/10/10	3507.45	18.58	19.19	0.61	3488.78
RW - 6	11/12/10	3507.45	18.58	19.19	0.61	3488.78
RW - 6	12/09/10	3507.45	18.21	18.52	0.31	3489.19

* Complete Historical Tables are presented on the attached CD.

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-17

LEA COUNTY, NM

NMOCD REFERENCE NUMBER AP-017

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p, -XYLENES	o -XYLENE
NMOCD Regulatory Limit		0.010	0.75	0.75	0.62	
MW - 1	02/09/10	Not Sampled on Current Sample Schedule				
MW - 1	05/12/10	Not Sampled on Current Sample Schedule				
MW - 1	08/11/10	Not Sampled on Current Sample Schedule				
MW - 1	11/11/10	<0.001	<0.001	<0.001	<0.001	
MW - 2	02/09/10	Not Sampled on Current Sample Schedule				
MW - 2	05/12/10	Not Sampled on Current Sample Schedule				
MW - 2	08/11/10	Not Sampled on Current Sample Schedule				
MW - 2	11/11/10	<0.001	<0.001	<0.001	<0.001	
MW - 3	02/09/10	Not Sampled on Current Sample Schedule				
MW - 3	05/12/10	Not Sampled on Current Sample Schedule				
MW - 3	08/11/10	Not Sampled on Current Sample Schedule				
MW - 3	11/11/10	<0.001	<0.001	<0.001	<0.001	
MW - 4	02/09/10	Not Sampled Due to PSH in Well				
MW - 4	05/12/10	Not Sampled Due to PSH in Well				
MW - 4	08/11/10	Not Sampled Due to PSH in Well				
MW - 4	11/11/10	Not Sampled Due to PSH in Well				
MW - 5	02/09/10	0.0696	<0.001	0.0058	0.0138	
MW - 5	05/12/10	0.0173	<0.001	0.0051	<0.001	
MW - 5	08/11/10	<0.100	<0.100	<0.100	<0.100	
MW - 5	11/11/10	<0.005	<0.005	<0.005	<0.005	
MW - 6	02/09/10	0.0169	<0.001	0.0067	0.0036	
MW - 6	05/13/10	0.0079	<0.001	0.0047	<0.001	
MW - 6	08/11/10	<0.100	<0.100	<0.100	<0.100	
MW - 6	11/11/10	0.0255	<0.005	<0.005	<0.005	
MW - 7	02/09/10	Not Sampled Due to PSH in Well				
MW - 7	05/12/10	Not Sampled Due to PSH in Well				
MW - 7	08/11/10	Not Sampled Due to PSH in Well				
MW - 7	11/11/10	Not Sampled Due to PSH in Well				
MW - 8	02/09/10	Not Sampled Due to PSH in Well				
MW - 8	05/12/10	Not Sampled Due to PSH in Well				
MW - 8	08/11/10	Not Sampled Due to PSH in Well				
MW - 8	11/11/10	Not Sampled Due to PSH in Well				

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-17

LEA COUNTY, NM

NMOCD REFERENCE NUMBER AP-017

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p, -XYLENES	o -XYLENE
NMOCD Regulatory Limit		0.010	0.75	0.75	0.62	
MW - 9	02/09/10	0.0084	<0.001	<0.001	<0.001	
MW - 9	05/13/10	0.0053	<0.001	<0.001	<0.001	
MW - 9	08/11/10	<0.001	<0.001	<0.001	<0.001	
MW - 9	11/11/10	<0.010	<0.010	<0.010	<0.010	
MW - 10	02/09/10	0.0073	<0.001	<0.001	<0.001	
MW - 10	05/13/10	0.0090	<0.001	<0.001	<0.001	
MW - 10	08/11/10	<0.100	<0.100	<0.100	<0.100	
MW - 10	11/11/10	<0.005	<0.005	<0.005	<0.005	
MW - 11	02/09/10	Not Sampled on Current Sample Schedule				
MW - 11	05/13/10	Not Sampled on Current Sample Schedule				
MW - 11	08/11/10	Not Sampled on Current Sample Schedule				
MW - 11	11/11/10	<0.001	<0.001	<0.001	<0.001	
MW - 12	02/09/10	Not Sampled on Current Sample Schedule				
MW - 12	05/13/10	Not Sampled on Current Sample Schedule				
MW - 12	08/11/10	Not Sampled on Current Sample Schedule				
MW - 12	11/11/10	<0.001	<0.001	<0.001	<0.001	
MW - 13	02/09/10	Not Sampled on Current Sample Schedule				
MW - 13	05/13/10	Not Sampled on Current Sample Schedule				
MW - 13	08/11/10	Not Sampled on Current Sample Schedule				
MW - 13	11/11/10	<0.001	<0.001	<0.001	0.0080	
MW - 14	02/09/10	Not Sampled Due to PSH in Well				
MW - 14	05/13/10	Not Sampled Due to PSH in Well				
MW - 14	08/11/10	Not Sampled Due to PSH in Well				
MW - 14	11/11/10	Not Sampled Due to PSH in Well				
MW - 15	02/09/10	Not Sampled Due to PSH in Well				
MW - 15	05/13/10	Not Sampled Due to PSH in Well				
MW - 15	08/11/10	Not Sampled Due to PSH in Well				
MW - 15	11/11/10	Not Sampled Due to PSH in Well				
MW - 16	02/09/10	Not Sampled on Current Sample Schedule				
MW - 16	05/13/10	Not Sampled on Current Sample Schedule				
MW - 16	08/11/10	Not Sampled on Current Sample Schedule				
MW - 16	11/11/10	<0.001	<0.001	<0.001	<0.001	

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-17

LEA COUNTY, NM

NMOCD REFERENCE NUMBER AP-017

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p, -XYLENES	o -XYLENE
NMOCD Regulatory Limit		0.010	0.75	0.75	0.62	
MW - 17	02/09/10	Not Sampled on Current Sample Schedule				
MW - 17	05/13/10	Not Sampled on Current Sample Schedule				
MW - 17	08/11/10	Not Sampled on Current Sample Schedule				
MW - 17	11/11/10	<0.001	<0.001	<0.001	<0.001	
MW - 18	02/09/10	Not Sampled on Current Sample Schedule				
MW - 18	05/13/10	Not Sampled on Current Sample Schedule				
MW - 18	08/11/10	Not Sampled on Current Sample Schedule				
MW - 18	11/11/10	<0.001	<0.001	<0.001	<0.001	
MW - 19	02/09/10	0.2630	<0.010	0.0546	0.0714	
MW - 19	05/13/10	0.1920	<0.001	0.0455	0.0768	
MW - 19	08/11/10	0.1340	<0.100	<0.100	0.1050	
MW - 19	11/11/10	0.4740	<0.100	<0.100	<0.100	
MW - 20	02/09/10	0.0952	<0.001	<0.001	0.0039	
MW - 20	05/13/10	0.0508	<0.001	0.0023	0.0093	
MW - 20	08/11/10	<0.010	<0.010	<0.010	<0.010	
MW - 20	11/11/10	<0.050	<0.050	<0.050	<0.050	
MW - 21	02/09/10	0.0097	<0.001	<0.001	0.0035	
MW - 21	05/13/10	0.0054	<0.001	<0.001	0.0113	
MW - 21	08/11/10	<0.001	<0.001	<0.001	<0.001	
MW - 21	11/11/10	<0.050	<0.050	<0.050	<0.050	
MW - 22	02/09/10	Not Sampled on Current Sample Schedule				
MW - 22	05/13/10	<0.001	<0.001	<0.001	0.0057	
MW - 22	08/11/10	Not Sampled on Current Sample Schedule				
MW - 22	11/11/10	<0.020	<0.020	<0.020	<0.020	
MW - 23	02/09/10	Not Sampled on Current Sample Schedule				
MW - 23	05/13/10	<0.001	<0.001	<0.001	<0.001	
MW - 23	08/11/10	Not Sampled on Current Sample Schedule				
MW - 23	11/11/10	<0.020	<0.020	<0.020	<0.020	
MW - 24	02/09/10	Not Sampled on Current Sample Schedule				
MW - 24	05/13/10	Not Sampled on Current Sample Schedule				
MW - 24	08/11/10	Not Sampled on Current Sample Schedule				
MW - 24	11/11/10	<0.001	<0.001	<0.001	<0.001	

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-17

LEA COUNTY, NM

NMOCD REFERENCE NUMBER AP-017

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030					
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p, -XYLENES	o -XYLENE	
NMOCD Regulatory Limit		0.010	0.75	0.75	0.62		
MW - 25	02/09/10	Not Sampled on Current Sample Schedule					
MW - 25	05/13/10	<0.001	<0.001	<0.001	<0.001		
MW - 25	08/11/10	Not Sampled on Current Sample Schedule					
MW - 25	11/11/10	<0.005	<0.005	<0.005	<0.005		
MW - 26	02/09/10	0.0044	<0.001	<0.001	0.0040		
MW - 26	05/13/10	0.0049	<0.001	0.0022	0.0110		
MW - 26	08/11/10	<0.001	<0.001	<0.001	<0.001		
MW - 26	11/11/10	<0.005	<0.005	<0.005	<0.005		
MW - 27	02/09/10	Not Sampled on Current Sample Schedule					
MW - 27	05/13/10	<0.001	<0.001	<0.001	<0.001		
MW - 27	08/11/10	Not Sampled on Current Sample Schedule					
MW - 27	11/11/10	<0.010	<0.010	<0.010	<0.010		
MW - 28	02/09/10	Not Sampled on Current Sample Schedule					
MW - 28	05/13/10	Not Sampled on Current Sample Schedule					
MW - 28	08/11/10	Not Sampled on Current Sample Schedule					
MW - 28	11/11/10	<0.001	<0.001	<0.001	<0.001		
RW - 1	02/09/10	0.2760	<0.010	0.0546	0.0714		
RW - 1	05/13/10	0.2520	<0.001	0.0364	<0.001		
RW - 1	08/11/10	Not Sampled Due to PSH in Well					
RW - 1	11/11/10	Not Sampled Due to PSH in Well					
RW - 2	02/09/10	0.1060	<0.001	0.0201	0.0092		
RW - 2	05/13/10	0.0579	<0.001	0.0128	<0.001		
RW - 2	08/11/10	<0.100	<0.100	<0.100	<0.100		
RW - 2	11/11/10	0.0695	0.0199	0.0295	<0.005		
RW - 3	02/09/10	0.2970	<0.010	<0.010	<0.010		
RW - 3	05/13/10	0.1830	<0.010	<0.010	<0.010		
RW - 3	08/11/10	<0.100	<0.100	<0.100	<0.100		
RW - 3	11/11/10	0.3360	<0.050	<0.050	<0.050		
RW - 4	02/09/10	0.3250	<0.010	0.0832	0.0641		
RW - 4	05/13/10	0.3240	<0.010	0.0679	0.0638		
RW - 4	08/11/10	0.1420	<0.100	<0.100	<0.100		
RW - 4	11/11/10	0.4740	<0.100	<0.100	<0.100		

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-17

LEA COUNTY, NM

NMOCD REFERENCE NUMBER AP-017

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p, -XYLENES	o -XYLENE
NMOCD Regulatory Limit		0.010	0.75	0.75	0.62	
RW - 5	02/09/10	Not Sampled Due to PSH in Well				
RW - 5	05/13/10	Not Sampled Due to PSH in Well				
RW - 5	08/11/10	Not Sampled Due to PSH in Well				
RW - 5	11/11/10	Not Sampled Due to PSH in Well				
RW - 6	02/09/10	Not Sampled Due to PSH in Well				
RW - 6	05/13/10	Not Sampled Due to PSH in Well				
RW - 6	08/11/10	Not Sampled Due to PSH in Well				
RW - 6	11/11/10	Not Sampled Due to PSH in Well				

* Complete Historical Tables are presented on the attached CD.

TABLE 3

TNM 97-17

NMOC D REFERENCE NUMBER AP-017

[illegible]

TABLE 3

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

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

SAMPLE LOCATION		SAMPLE DATE		EPA SW846-8270C, 3510																									
				Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[e]h,lperylene	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.				---	--	---	0.0001 mg/L	0.0007 mg/L	0.0002 mg/L	---	0.0002 mg/L	0.0002 mg/L	0.0002 mg/L	0.0003 mg/L	---	0.0004 mg/L	---	---	---	0.03 mg/L			---						
MW-8		11/12/08	11/18/09	<0.00186	<0.00185	0.00454	<0.00186	<0.00186	<0.00186	<0.00186	<0.00186	<0.00186	<0.00186	<0.00186	<0.00186	<0.00186	0.0045	<0.00186	<0.00185	0.012	0.0261	0.0168	<0.00186						
		11/18/09	11/11/10	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	0.0486	<0.00185	<0.00185	0.038	0.249	0.123	<0.00185						
				Not Sampled as part of Quarterly Monitoring Event.																									
MW-9		11/12/08	11/18/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.000746	<0.000183	0.000341							
		11/18/09	11/11/10	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184							
				Not Sampled as part of Quarterly Monitoring Event.																									
MW-10		11/12/08	11/18/09	<0.000922	<0.000926	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.00296	<0.000922	<0.000926	0.00477	<0.000922	<0.000922							
		11/18/09	11/11/10	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	0.00418	<0.000926	<0.000926	0.00958	<0.000926	0.00441							
				Not Sampled as part of Quarterly Monitoring Event.																									
MW-11		11/12/08	11/17/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184							
		11/17/09	11/11/10	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184							
				Not Sampled as part of Quarterly Monitoring Event.																									
MW-12		11/12/08	11/17/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184							
		11/17/09	11/11/10	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184							
				Not Sampled as part of Quarterly Monitoring Event.																									
MW-13		11/12/08	11/17/09	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199							
		11/17/09	11/11/10	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183							
				Not Sampled as part of Quarterly Monitoring Event.																									
MW-14		11/12/08	11/18/09	<0.0184	<0.00461	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	0.0402	<0.0184	<0.00461	0.0377	0.147	0.137	<0.0184						
		11/18/09	11/11/10	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	0.102	<0.00461	0.124	0.628	0.346	0.0603							
				Not Sampled as part of Quarterly Monitoring Event.																									

TABLE 3

TNNM 97-17

NMOC D REFERENCE NUMBER AP-017

7/10 in period of 2000-2003

[illegible]

TABLE 3

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-17

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER AP-017

All water concentrations are reported in mg/L

EPA SW846-8270C, 3510

SAMPLE LOCATION	SAMPLE DATE	Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[e]h[1]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	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.		0.0001 mg/L	0.0007 mg/L	0.0002 mg/L	0.0002 mg/L	0.0002 mg/L	0.0002 mg/L	0.0002 mg/L	0.0002 mg/L	0.0002 mg/L	0.0003 mg/L	0.0004 mg/L	0.0004 mg/L	0.0004 mg/L	0.0004 mg/L	0.0004 mg/L	0.0004 mg/L	0.0004 mg/L	0.0004 mg/L
MW-22	11/12/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
	11/17/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																	
MW-23	11/12/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
	11/17/09	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																	
MW-24	11/12/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
	11/17/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																	
MW-25	11/12/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
	11/17/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																	
MW-26	11/12/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
	11/18/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																	
MW-27	11/12/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
	11/17/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																	
MW-28	11/12/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
	11/18/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
	11/11/10	Not Sampled as part of Quarterly Monitoring Event.																	

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-17

LEA COUNTY, NEW MEXICO

NMOC D REFERENCE NUMBER AP-017

[illegible]



Appendices

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

District I - (505) 393-6161
P.O. Box 1980
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 South First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

State of New Mexico
Enc. Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Form C-141
Originated 2/13/97

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

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name Texas-New Mexico Pipe Line Company	Contact Edwin H. Gripp	
Address Box 60028, San Angelo, TX 76906	Telephone No. (915) 947-9000	
Facility Name Vacuum Jet to Jet Main Line	Facility Type pipe line	
Surface Owner Willard Bush	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	21	20S	37E					Lea

NATURE OF RELEASE

Type of Release Down crude	Volume of Release 170 barrels	Volume Recovered 160 barrels
Source of Release 8" pipeline on scraper trap bypass	Date and Hour of Occurrence Unknown	Date and Hour of Discovery 8-13-97 3:00 PM
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Willard Bush	
By Whom? Johnny W. Chapman	Date and Hour 8-13-97 4:45 pm CST	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse	

If a Watercourse was Impacted, Describe Fully:

Describe Cause of Problem and Remedial Action Taken:

External Corrosion
Leak successfully plugged off

Describe Area Affected and Cleanup Action Taken:

Approximately 360 sq. ft. Scraper trap area
Contaminated soil was removed

Describe General Conditions Prevailing (Temperature, Precipitation, etc.):

Clear 90°

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>E. H. Gripp</i>		OIL CONSERVATION DIVISION	
Printed Name: Edwin H. Gripp		Approved by: District Supervisor	
Title: District Manager		Approval Date:	
Date: 8-14-97	Phone: 915-947-9001	Conditions of Approval:	Expiration Date:
			Attached: ☐

* Attach Additional Sheets If Necessary

State Corp. Commission
Pipe Line Division

Hazardous Waste Section
NM Environmental Improvement Div.

TNM-97-17

IWC FAS