GW - 140

MONITORING REPORTS

DATE: 2010

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MAR 29 2011

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

March 23, 2011

Mr. Edward Hansen
New Mexico Oil Conservation Division
Environmental Bureau
1220 South St. Francis Drive
Santa Fe, New Mexico 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 SPS-11

NW ¼ SE ¼ of SECTION 18, TOWNSHIP 18 SOUTH, RANGE 36 EAST
LEA COUNTY, NEW MEXICO
PLAINS SRS NUMBER: TNM-SPS-11
NMOCD Reference GW-0140

PREPARED FOR:

PLAINS MARKETING, L.P.
333 CLAY STREET, SUITE 1600
HOUSTON, TEXAS 77002

NOVA
safety and environmental

PREPARED BY:

NOVA Safety and Environmental
2057 Commerce
Midland, Texas 79703

March 2011

Ronald K. Rounsaville
Senior Project Manager

Brittan K. Byerly, P.G.
President

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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 SPS-11 Release Site (the site), which was formerly the responsibility of Texas New Mexico Pipeline Company (TNM) and EOTT Energy Corporation (EOTT) which became Link Energy, is now the responsibility of Plains. This report is intended to be viewed as a complete document with text, figures, tables and appendices. The report presents the results of the quarterly groundwater monitoring events conducted in calendar year 2010 only. However, historical data tables as well as 2010 laboratory analytical reports are included on the enclosed data disk. Historic information prior to August 19, 1999 does not appear on the enclosed data disk because this data is unavailable. For reference, the Site Location Map is provided as Figure 1.

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. Groundwater samples from monitor wells containing a thickness of PSH greater than 0.01 foot were not sampled during 2010.

SITE DESCRIPTION AND BACKGROUND INFORMATION

The site is located approximately 15 miles west of the town of Hobbs, New Mexico in the NW ¼ of the SE ¼ of Section 18, Township 18 South, Range 36 East. Observations in the field indicate the surface topography in the area of the site to be nearly flat. Ground cover consists of low grasses with few mesquite bushes. The predominant land usage is in the production of oil and gas and as livestock pasture.

According to the Site Investigation and Remedial Action Plan prepared by TNM and dated January 25, 1993, water from a utility well (SPS-11) belonging to Southwestern Public Service Company (SPS) was sampled on April 2, 1991. The analytical results indicated benzene concentrations were above the Environmental Protection Agency (EPA) drinking water standards. The water well was taken out of service in April 1991. A TNM pipeline adjacent to the water well was identified and a hydrocarbon surface stain was observed in the vicinity of utility well SPS-11. The staining was reportedly the result of a pipeline release prior to 1975. No detailed information from the previous pipeline owners or consultants with respect to the release date, volume of crude oil released, or pipeline repair is available, at this time. The Release Notification and Corrective Action (Form C-141) is provided as Appendix B.

Initial site investigation actions were performed for TNM and EOTT by previous consultants. A total of twenty-five soil borings/groundwater monitoring wells (MW-1 through MW-25) were installed prior to October 1999, and six monitor wells were installed between May 2000 and December 2001. In 2004, two additional monitor wells (MW-32 and MW-33) were installed.

In March 2006, one soil boring (SB-106) was advanced and two monitor wells (MW-34 and MW-35) were installed. In September 2006, one soil boring (SB-206) was advanced and three monitor wells (MW-36, MW-37, and MW-38) were installed.

On November 27, 2007, two additional monitor wells (MW-39 and MW-40) were installed to further delineate the down gradient impact to groundwater.

Of the forty monitor wells installed at the site since project inception, two monitor wells (MW-5 and MW-8) could not be located in the available historic data. Monitor wells MW-20, MW-22, and MW-27 were plugged and abandoned September 14, 2005, after review of relevance and approval from the NMOCD.

There are currently thirty-five monitor wells on site.

FIELD ACTIVITIES

Product Recovery Efforts

Based on gauging data collected during the reporting period, a measurable thickness of PSH was detected in monitor wells MW-1, MW-4 and MW-7. The maximum thickness of PSH in the monitor wells was 3.37 feet as recorded in monitor well MW-1 on November 11, 2010. The average thickness of PSH in monitor wells exhibiting PSH is 1.44 feet. PSH data for the 2010 gauging events can be found in Table 1. PSH recovery is performed on a weekly schedule by manual recovery methods. Approximately 445 gallons (10.6 barrels) of PSH were recovered from the site during this reporting period.

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 correspondences dated June 22, 2005 and May 2, 2006.

NMOCD Approved Sampling Schedule					
MW-1	Quarterly	MW-15	Quarterly	MW-29	Quarterly
MW-2	Annually	MW-16	Quarterly	MW-30	Annually
MW-3	Annually	MW-17	Quarterly	MW-31	Annually
MW-4	Quarterly	MW-18	Semi-Annually	MW-32	Quarterly
MW-5	-	MW-19	Annually	MW-33	Quarterly
MW-6	Quarterly	MW-20	Plugged and Abandoned	MW-34	Quarterly
MW-7	Quarterly	MW-21	Annually	MW-35	Quarterly
MW-8	-	MW-22	Plugged and Abandoned	MW-36	Quarterly
MW-9	Quarterly	MW-23	Quarterly	MW-37	Quarterly
MW-10	Quarterly	MW-24	Quarterly	MW-38	Quarterly
MW-11	Quarterly	MW-25	Annually	MW-39	Quarterly
MW-12	Quarterly	MW-26	Quarterly	MW-40	Quarterly
MW-13	Annually	MW-27	Plugged and Abandoned		
MW-14	Quarterly	MW-28	Quarterly		

The site monitor wells were gauged and sampled on February 22, June 3, August 26, and November 30, 2010. During each sampling event, monitor wells were purged of a minimum of

three well volumes of water or until the wells failed to produce water. Purging was performed using a disposable polyethylene bailer for each well or electrical Grundfos pump and dedicated tubing. Groundwater was allowed to recharge and samples were collected using disposable Teflon samplers. Water samples were placed in clean glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of at a licensed disposal facility.

Locations of the monitor wells and the inferred groundwater gradient, which were constructed from measurements collected during quarterly sampling events performed in 2010, 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 is provided on the enclosed data disk.

The most recent Inferred Groundwater Gradient Map, Figure 2D, indicates a general gradient of approximately 0.0219 feet/foot to the southeast as measured between monitor wells MW-25 and MW-38. This is consistent with data presented on Figures 2A through 2C from earlier in the year. The corrected groundwater elevations ranged between 3,794.22 and 3,804.99 feet above mean sea level, in monitor well MW-35 on August 26, 2010 and in monitor well MW-25 on November 30, 2010, respectively. PSH data for the 2010 gauging events can be found in Table 1 and on Figures 3A through 3D.

LABORATORY RESULTS

Based on the results of the groundwater monitoring and sampling activities over the past several years, it is reasonable to believe that the SPS-11 site appears to be composed of three separate release incidents. Each area is defined by impacted soil and groundwater but the areas are separated by clean wells supported by analytical data. For discussion purposes, we have identified the area to the northwest as "Area 1" and it consists of monitor wells MW-6, MW-9, MW-12, MW-13, MW-14, MW-15, MW-16, MW-23, MW-24 and MW-25. "Area 2" is the central area and it consists of monitor wells MW-1, MW-2, MW-3, MW-4, MW-7, MW-10, MW-11, MW-18, MW-19, MW-21, MW-39 and PW-2. "Area 3" is the area to the southeast and it consists of monitor wells MW-17, MW-26, MW-28, MW-29, MW-30, MW-31, MW-32, MW-33, MW-34, MW-35, MW-36, MW-38 and MW-40.

Monitor wells MW-1, MW-4 and MW-7 contained measurable PSH throughout the reporting period and were not sampled during the four quarters of 2010.

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 MW-14. Based upon historic PAH analytical data, only those wells exhibiting elevated constituent concentrations above WQCC standards will be 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.

Area 1 Wells

Monitor well MW-6 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during all four quarters of the reporting period. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-9 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.0408 mg/L during the 4th quarter to 0.2230 mg/L during the 2nd quarter of 2010. Benzene concentrations were above NMOCD regulatory standards during all four quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory standard during all four quarters of the reporting period. Ethyl-benzene concentrations ranged from <0.001 mg/L during the 4th quarter to 0.306 mg/L during the 1st quarter of 2010. Ethyl-benzene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 3rd and 4th quarters to 0.277 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 during the 4th quarter sampling event.

Monitor well MW-12 is sampled on a quarterly schedule and analytical results indicate benzene, toluene and xylene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of the reporting period. Ethyl-benzene concentrations ranged from <0.001 mg/L during the 1st, 2nd and 4th quarters to 0.0096 mg/L during the 3rd quarter of 2010. Ethyl-benzene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. PAH analysis was not conducted 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 the NMOCD regulatory standard for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last thirty-four consecutive quarters. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-14 is sampled on a quarterly schedule. Analytical results indicate benzene concentrations ranged from 5.380 mg/L during the 2nd quarter to 6.460 mg/L during the 4th quarter of 2010. Benzene concentrations were above NMOCD regulatory standards during all four quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of the reporting period. Ethyl-benzene concentrations ranged from <0.050 mg/L during the 3rd quarter to 0.362 mg/L during the 4th quarter of 2010. Ethyl-benzene concentrations were below the NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking

Water Standards for naphthalene (0.0313 mg/L), 1-methylnaphthalene (0.0206 mg/L) and 2-methylnaphthalene (0.0165 mg/L). Additional PAH constituents detected above MDLs include fluorene (0.0116 mg/L), phenanthrene (0.000769 mg/L) and dibenzofuran (0.00132 mg/L), which are below WQCC standards.

Monitor well MW-15 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 1st and 4th quarters to 0.0034 mg/L during the 3rd quarter of 2010. Benzene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Toluene, ethyl-benzene and xylene concentrations were below the MDL and the NMOCD regulatory standard during all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last thirty-six consecutive quarters. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-16 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.0035 mg/L during the 2nd quarter to 0.0283 mg/L during the 1st quarter of 2010. Benzene concentrations were above NMOCD regulatory standards during the 1st quarter of the reporting period. Toluene concentrations ranged from 0.0018 mg/L during the 3rd quarter to 0.324 mg/L during the 1st quarter of 2010. Toluene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Ethyl-benzene concentrations ranged from <0.001 mg/L during the 2nd and 3rd quarters to 0.0068 mg/L during the 1st quarter of 2010. Ethyl-benzene concentrations were below the NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 3rd quarter to 0.0125 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 during the 4th quarter sampling event.

Monitor well MW-23 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory standard for each BTEX constituent during all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last forty-six consecutive quarters. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-24 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 3rd and 4th quarters to 0.0034 mg/L during the 2nd quarter of 2010. Benzene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Toluene concentrations ranged from <0.001 mg/L during the 3rd and 4th quarters to 0.0051 mg/L during the 1st quarter of 2010. Toluene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Ethyl-benzene concentrations ranged from <0.001 mg/L during the 3rd and 4th quarters to 0.0057 mg/L during the 2nd quarter of 2010. Ethyl-benzene concentrations were below the NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 3rd and 4th quarters to 0.009 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 during the 4th quarter sampling event.

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

Area 2 Wells

Monitor well MW-1 is monitored on a quarterly schedule. Monitor well MW-1 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 0.65 feet, 0.85 feet, 1.10 feet and 1.30 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2010, respectively. PAH analysis was not conducted during the 4th quarter sampling event.

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

Monitor well MW-3 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory standard for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last thirty-four consecutive quarters. PAH analysis was not conducted 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 in the monitor well. PSH thicknesses of 2.31 feet, 2.44 feet, 1.64 feet and 2.42 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2010, respectively. PAH analysis was not conducted 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 0.77 feet, 0.89 feet, 1.17 feet and 1.26 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2010, respectively. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-10 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during all four quarters of the reporting period. The analytical results indicate

BTEX constituent concentrations have been below NMOCD regulatory standards for the last nineteen consecutive quarters. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-11 is sampled on a quarterly schedule. Analytical results indicate benzene concentrations ranged from 3.240 mg/L during the 1st quarter to 4.570 mg/L during the 4th quarter of 2010. Benzene concentrations were above NMOCD regulatory standards during all four quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of the reporting period. Ethyl-benzene concentrations ranged from 0.654 mg/L during the 3rd quarter to 1.01 mg/L during the 4th quarter of 2010. Ethyl-benzene concentrations were above the NMOCD regulatory standards during the 4th quarter of the reporting period. Xylene concentrations ranged from <0.050 mg/L during the 1st and 2nd quarters to 0.510 mg/L during the 4th quarter of 2010. Xylene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-18 is sampled on a semi-annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory standard for each BTEX constituent during the 2nd and 4th quarter sampling events. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last forty consecutive quarters. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-19 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory standard for each BTEX constituent during the 4th quarter of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-seven consecutive quarters. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-21 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory standard for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-eight consecutive quarters. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-39 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory standard for each BTEX constituent during all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last thirteen consecutive quarters. PAH analysis was not conducted during the 4th quarter sampling event.

Area 3 Wells

Monitor well MW-17 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 4th quarter to 0.0143 mg/L during the 1st quarter of 2010. Benzene concentrations were above NMOCD regulatory standards during the 1st quarter of the reporting period. Toluene concentrations ranged from <0.001 mg/L during the 1st and 4th quarters to 0.0019 mg/L during the 2nd quarter of 2010. Toluene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Ethyl-benzene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 2nd and 4th quarters to 0.0056 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 during the 4th quarter sampling event.

Monitor well MW-26 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.1090 mg/L during the 3rd quarter to 0.4020 mg/L during the 2nd quarter of 2010. Benzene concentrations were above NMOCD regulatory standards during all four quarters of the reporting period. Toluene concentrations ranged from 0.0136 mg/L during the 4th quarter to 0.0917 mg/L during the 1st quarter of 2010. Toluene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Ethyl-benzene concentrations ranged from <0.001 mg/L during the 3rd quarter to 0.0656 mg/L during the 1st quarter of 2010. Ethyl-benzene concentrations were below the NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from 0.0163 mg/L during the 4th quarter to 0.0603 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 during the 4th quarter sampling event.

Monitor well MW-28 is sampled on a quarterly schedule. Analytical results indicate benzene concentrations ranged from 0.4420 mg/L during the 2nd quarter to 1.010 mg/L during the 4th quarter of 2010. Benzene concentrations were above NMOCD regulatory standards during all four quarters of the reporting period. Toluene concentrations ranged from <0.001 mg/L during the 2nd quarter to 0.0383 mg/L during the 1st quarter of 2010. Toluene concentrations were below the NMOCD regulatory standards during all four quarters of the reporting period. Ethyl-benzene concentrations ranged from 0.0241 mg/L during the 2nd quarter to 0.800 mg/L during the 1st quarter of 2010. Ethyl-benzene concentrations were above the NMOCD regulatory standards during the 1st quarter of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 2nd quarter to 0.112 mg/L during the 1st quarter of 2010. Xylene concentrations were below the NMOCD regulatory standards during all four quarters of the reporting period. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-29 is sampled on a quarterly schedule. Analytical results indicate benzene concentrations ranged from 0.556 mg/L during the 4th quarter to 0.854 mg/L during the 1st quarter of 2010. Benzene concentrations were above NMOCD regulatory standards during all four quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of the reporting period. Ethyl-benzene concentrations ranged from 0.102 mg/L during the 3rd quarter to 0.152 mg/L during the 1st

quarter of 2010. Ethyl-benzene concentrations were below the NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from <0.010 mg/L during the 4th quarter to 0.1320 mg/L during the 1st quarter of 2010. Xylene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of the reporting period. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-30 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory standard for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-eight consecutive quarters. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-31 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory standard for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-eight consecutive quarters. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-32 is sampled on a quarterly schedule. Analytical results indicate benzene concentrations ranged from 0.960 mg/L during the 3rd quarter to 1.580 mg/L during the 1st quarter of 2010. Benzene concentrations were above NMOCD regulatory standards during all four quarters of the reporting period. Toluene concentrations ranged from <0.010 mg/L during the 1st, 3rd and 4th quarters to 0.025 mg/L during the 2nd quarter of 2010. Toluene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Ethyl-benzene concentrations ranged from <0.010 mg/L during the 3rd quarter to 0.0562 mg/L during the 1st quarter of 2010. Ethyl-benzene concentrations were below the NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from <0.010 mg/L during the 3rd and 4th quarters to 0.681 mg/L during the 1st quarter of 2010. Xylene concentrations were above NMOCD regulatory standards during the 1st quarter of the reporting period. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-33 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory standard for each BTEX constituent during all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-four consecutive quarters. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-34 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory standard for each BTEX constituent during all four quarters of the reporting period. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-35 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.0011 mg/L during the 3rd quarter to 0.0104 mg/L during the 1st quarter of 2010. Benzene concentrations were above NMOCD regulatory standards during the 1st quarter of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of the reporting period. Ethyl-benzene concentrations ranged from <0.001 mg/L during the 2nd, 3rd and 4th quarters to 0.0044 mg/L during the 1st quarter of 2010. Ethyl-benzene concentrations were below the NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from 0.010 mg/L during the 4th quarter to 0.0194 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 during the 4th quarter sampling event.

Monitor well MW-36 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.0064 mg/L during the 4th quarter to 0.0769 mg/L during the 1st quarter of 2010. Benzene concentrations were above NMOCD regulatory standards during the 1st, 2nd and 3rd quarters of the reporting period. Toluene, ethyl-benzene and xylene concentrations were below the MDL and the NMOCD regulatory standard for each BTEX constituent during all four quarters of the reporting period. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-37 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory standard for each BTEX constituent during all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last eighteen consecutive quarters. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-38 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory standard for each BTEX constituent during all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last eighteen consecutive quarters. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-40 is sampled on a quarterly schedule and was inadvertently not sampled during the 2nd and 3rd quarters of the reporting period. Analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 4th quarter to 0.1470 mg/L during the 1st quarter of 2010. Benzene concentrations were above NMOCD regulatory standards during the 1st quarter of the reporting period. Toluene, ethyl-benzene and xylene concentrations were below the MDL and the NMOCD regulatory standard during the 1st and 4th quarters of the reporting period. PAH analysis was not conducted during the 4th quarter sampling event.

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 and sampling activities during the annual reporting period of 2010. Currently, there are thirty-five groundwater monitor wells (MW-1 through MW-40, excluding MW-5, MW-8, MW-20, MW-22, and MW-27, which have been plugged) in three apparent separate plumes on site. The most recent Groundwater Gradient Map indicates a general gradient of approximately 0.0219 feet/foot to the southeast.

Based on gauging data collected during the reporting period, measurable thicknesses of PSH was detected only in Area 2 in monitor wells MW-1, MW-4 and MW-7 and were not sampled during the monitoring period. The maximum thickness of PSH in monitor well was 3.37 feet as recorded in monitor well MW-1 on November 11, 2010. The average thickness of PSH in monitor wells exhibiting PSH is 1.44 feet. PSH data for the 2010 gauging events can be found in Table 1. PSH recovery is performed on a weekly schedule by manual recovery methods.

Review of laboratory analytical results from samples collected from monitor wells within Area 1 indicates BTEX constituent concentrations are below NMOCD regulatory standards in five of the ten monitor wells within Area 1. Review of PAH analysis indicates an increasing trend in constituent concentrations in monitor well MW-14.

Review of laboratory analytical results from samples collected from monitor wells within Area 2 indicates BTEX constituent concentrations are below NMOCD regulatory standards in seven of the eleven monitor wells within Area 2. PAH analysis was not conducted on groundwater samples collected from Area 2 monitor wells.

Review of laboratory analytical results from samples collected from monitor wells within Area 3 indicates BTEX constituent concentrations are below NMOCD regulatory standards in six of the fourteen monitor wells within Area 3. PAH analysis was not conducted on groundwater samples collected from Area 3 monitor wells.

ANTICIPATED ACTIONS

Groundwater monitoring and weekly PSH recovery will continue in 2011. 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 monitor well MW-14, which has historically exhibited elevated constituents near or above the WQCC standards.

Plains is currently requesting site access to install an additional delineation monitor well east of the monitor well MW-40.

LIMITATIONS

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

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

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

DISTRIBUTION

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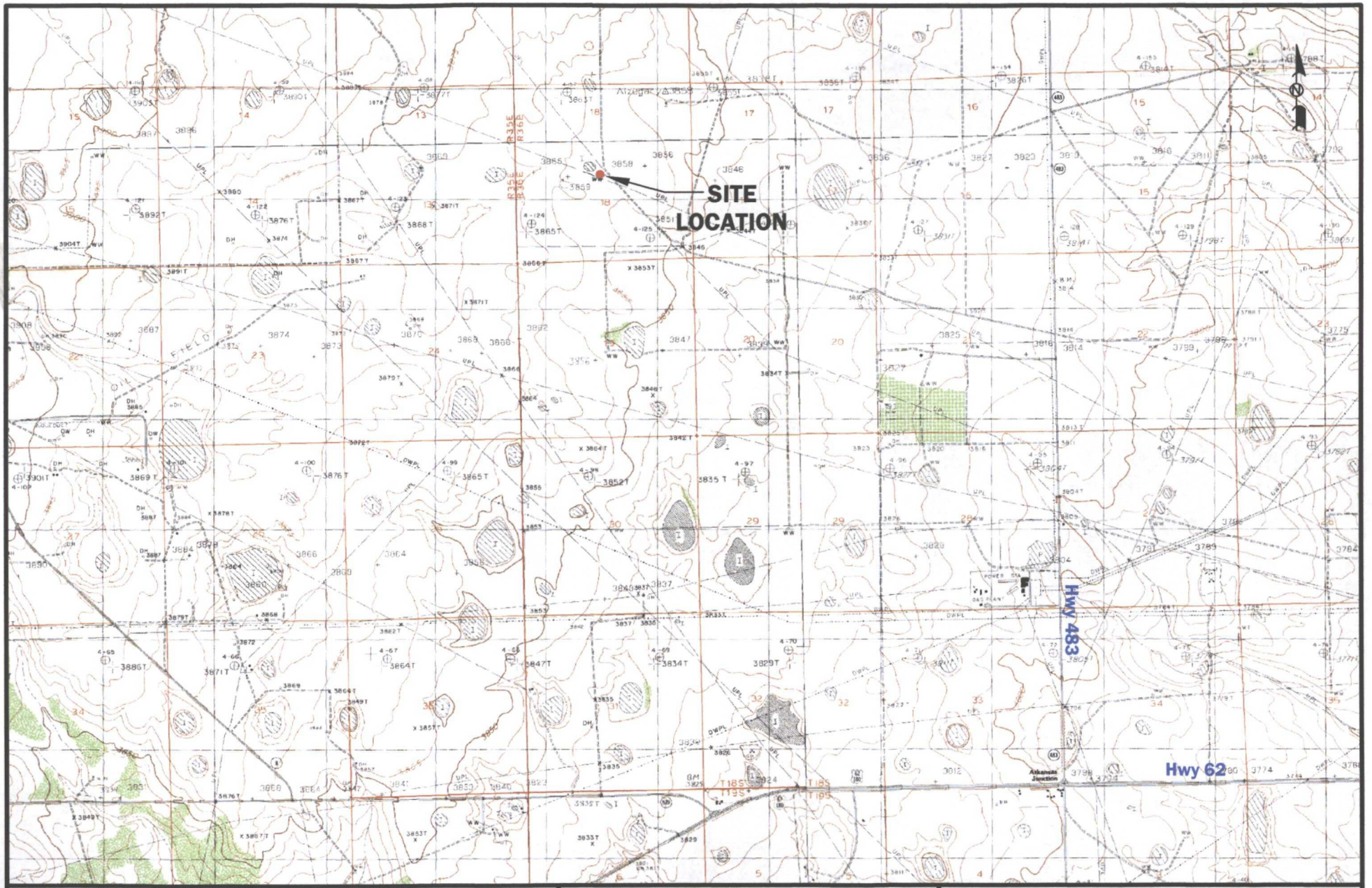
Figures



LEGEND:

4000 2000 0 2000 4000

Distance in Feet

NMOCD Reference #GW-0140

Figure 1
Site Location Map
TNM SPS-11
Plains Marketing, L.P.
Lea County, NM

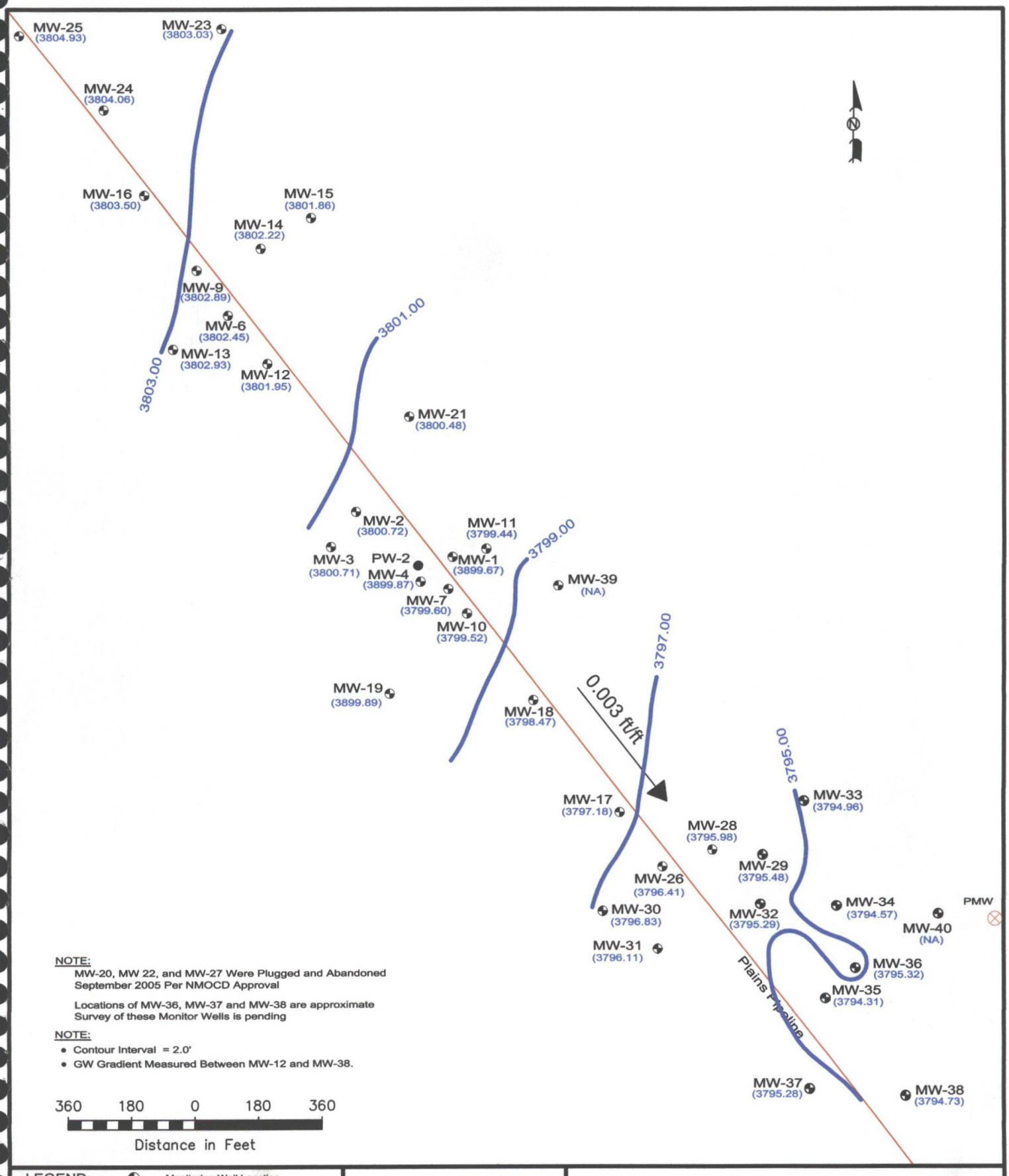
NOVA safety and environmental

2057 Commerce Drive
Midland, Texas 79703
432.520.7720

www.novasafetyandenvironmental.com

March 3, 2011	Scale: 1" = 4000'	CAD By: TA	Checked By: RKR

LATITUDE & LONGITUDE COORDINATES: N 32° 44' 50.3" W 103° 23' 36.5"



NOTE:
MW-20, MW 22, and MW-27 Were Plugged and Abandoned September 2005 Per NMOCD Approval

Locations of MW-36, MW-37 and MW-38 are approximate Survey of these Monitor Wells is pending

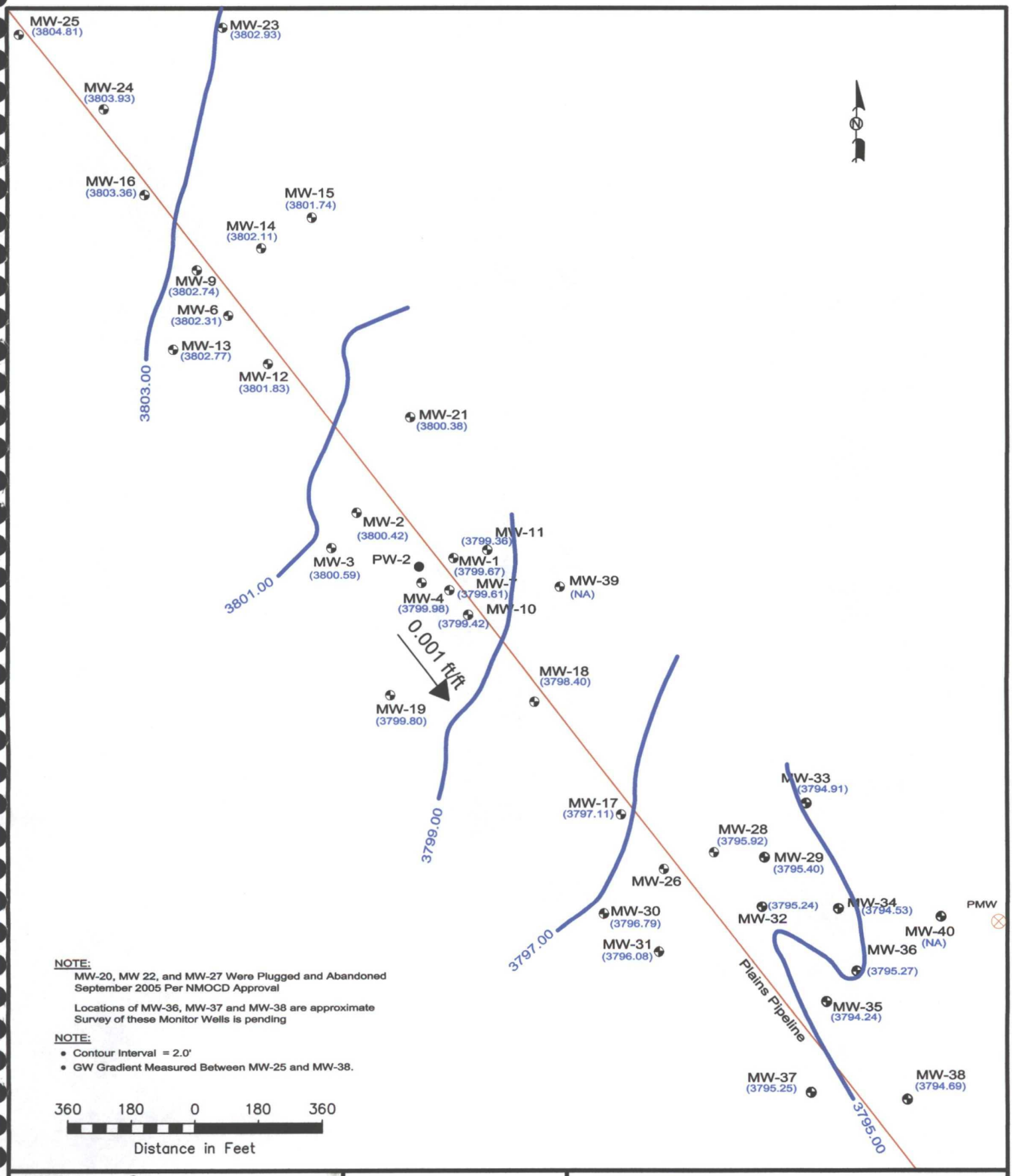
NOTE:
- Contour Interval = 2.0'
- GW Gradient Measured Between MW-12 and MW-38.

LEGEND:
- Monitoring Well Location
- Soil Boring Location
- Producing Well Location
- PMW — Proposed Monitoring Well Location
- 0.001 ft/ft — Groundwater Gradient and Magnitude
- Groundwater Gradient Contour Line
- (3801.46) — Groundwater Elevation (feet)

Figure 2A
Inferred Groundwater Gradient Map
(02/22/2010)
Plains Marketing, L.P.
TNM SPS-11
Lea County, NM

NOVA safety and environmental
2057 Commerce Drive
Midland, Texas 79703
432.520.7720
www.novasafetyandenvironmental.com

Scale: 1" = 360'	Drawn By: SAT	Checked By: RKR
May 17, 2010	NW1/4 SE1/4 Sec 18 T18S R36E	Lat. N32° 44' 50.3" Long. W103° 23' 38.5"



NOTE:

MW-20, MW 22, and MW-27 Were Plugged and Abandoned September 2005 Per NMOCD Approval

Locations of MW-36, MW-37 and MW-38 are approximate Survey of these Monitor Wells is pending

NOTE:

- Contour Interval = 2.0'
- GW Gradient Measured Between MW-25 and MW-38.

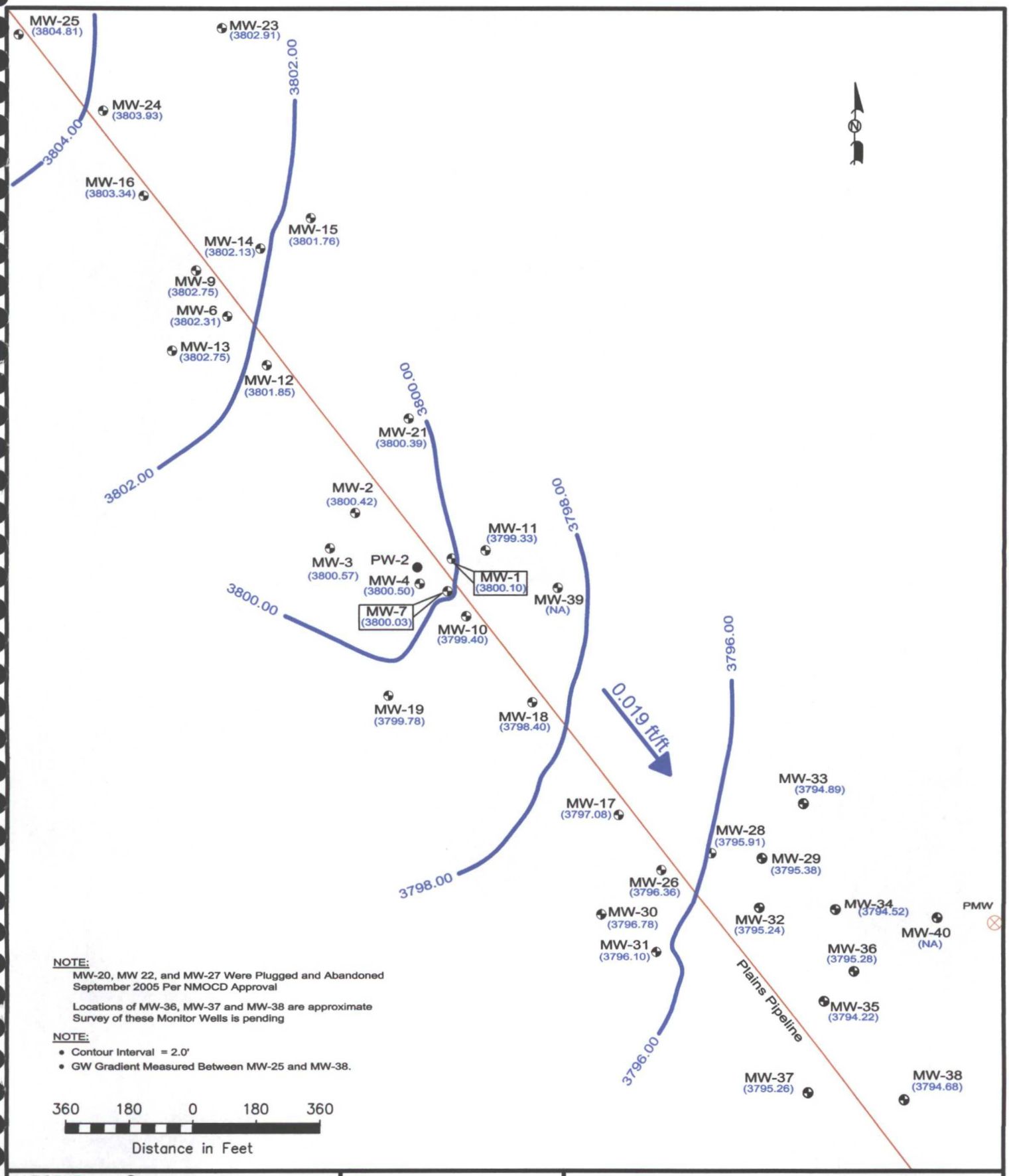
LEGEND:

- Monitoring Well Location
- Soil Boring Location
- Producing Well Location
- PMW Proposed Monitoring Well Location
- 0.001 ft/ft Groundwater Gradient and Magnitude
- Groundwater Gradient Contour Line
- (3801.46) Groundwater Elevation (feet)

Figure 2B
Inferred Groundwater
Groundwater Gradient Map
(06/03/2010)
Plains Marketing, L.P.
TNM SPS-11
Lea County, NM

NOVA safety and environmental
2057 Commerce Drive
Midland, Texas 79703
432.520.7720
www.novasafetyandenvironmental.com

Scale: 1" = 360'	Drawn By: SAT	Checked By: RKR
June 16, 2010	NW1/4 SE1/4 Sec 18 T18S R36E	Lat. N32° 44' 50.3" Long. W103° 23' 38.5"



NOTE:

MW-20, MW 22, and MW-27 Were Plugged and Abandoned September 2005 Per NMOCD Approval

Locations of MW-36, MW-37 and MW-38 are approximate Survey of these Monitor Wells is pending

NOTE:

- Contour Interval = 2.0'
- GW Gradient Measured Between MW-25 and MW-38.

LEGEND:

- Monitoring Well Location
- Soil Boring Location
- Producing Well Location
- PMW Proposed Monitoring Well Location
- 0.001 ft/ft Groundwater Gradient and Magnitude
- (3801.46) Groundwater Gradient Contour Line / Groundwater Elevation (feet)

Figure 2C
Inferred Groundwater Groundwater Gradient Map
(08/26/2010)
Plains Marketing, L.P.
TNM SPS-11
Lea County, NM

NOVA safety and environmental
2057 Commerce Drive
Midland, Texas 79703
432.520.7720
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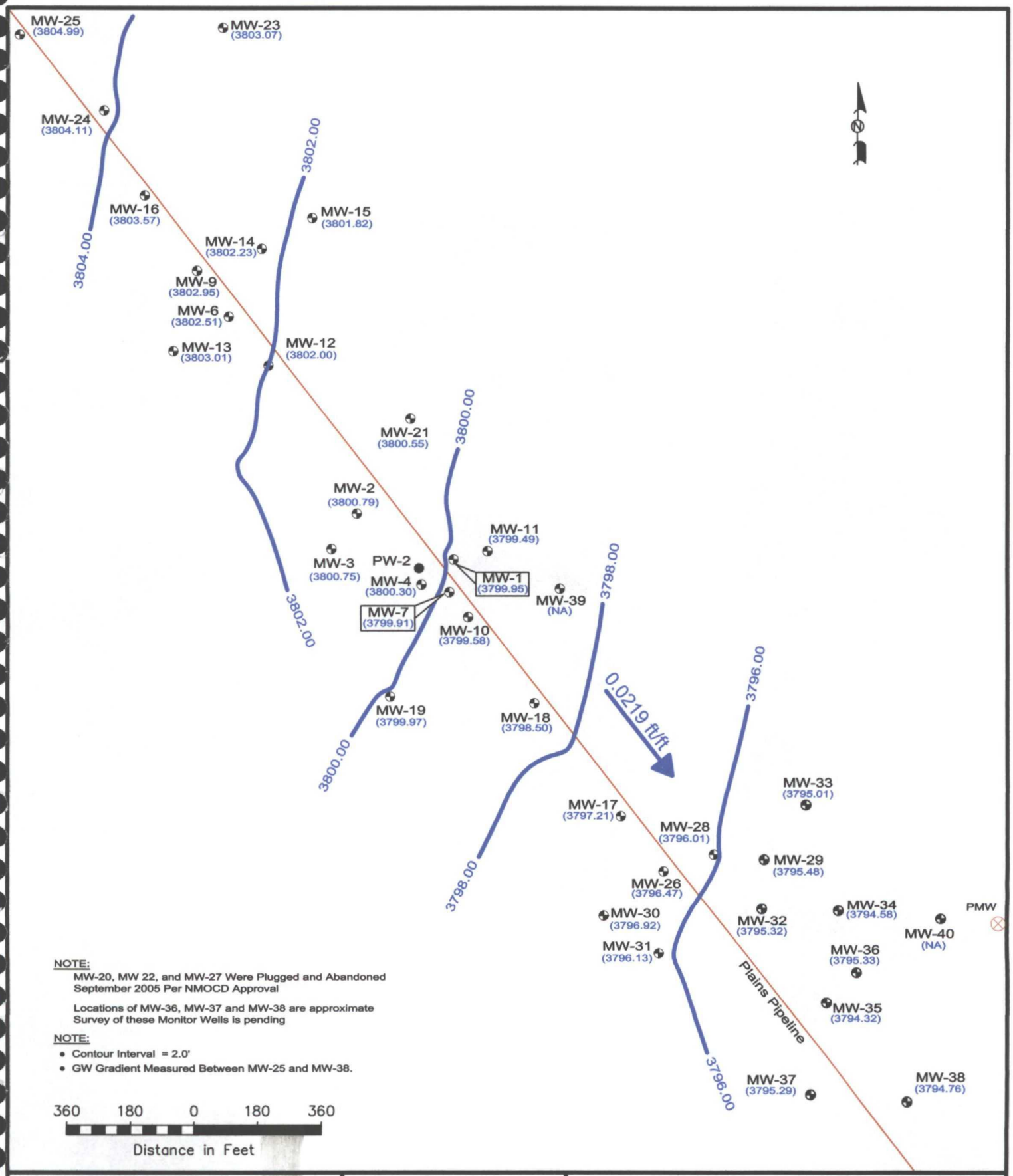
Scale: 1" = 360'	Drawn By: TA	Checked By: RKR
September 13, 2010	NW1/4 SE1/4 Sec 18 T18S R36E	Lat. N32° 44' 50.3" Long. W103° 23' 38.5"



NOTE:

MW-20, MW 22, and MW-27 Were Plugged and Abandoned September 2005 Per NMOCD Approval

Locations of MW-36, MW-37 and MW-38 are approximate Survey of these Monitor Wells is pending

NOTE:

- Contour Interval = 2.0'
- GW Gradient Measured Between MW-25 and MW-38.

LEGEND:

- Monitoring Well Location
- Soil Boring Location
- Producing Well Location
- PMW Proposed Monitoring Well Location
- 0.001 ft/ft Groundwater Gradient and Magnitude
- (3801.46) Groundwater Gradient Contour Line / Groundwater Elevation (feet)

Figure 2D
Inferred Groundwater Groundwater Gradient Map
(11/30/2010 - 12/1/2010)
Plains Marketing, L.P.
TNM SPS-11
Lea County, NM

NOVA safety and environmental
2057 Commerce Drive
Midland, Texas 79703
432.520.7720
www.novasafetyandenvironmental.com

Scale: 1" = 360'	Drawn By: TA	Checked By: RKR
January 6, 2010	NW1/4 SE1/4 Sec 18 T18S R36E	Lat. N32° 44' 50.3" Long. W103° 23' 38.5"

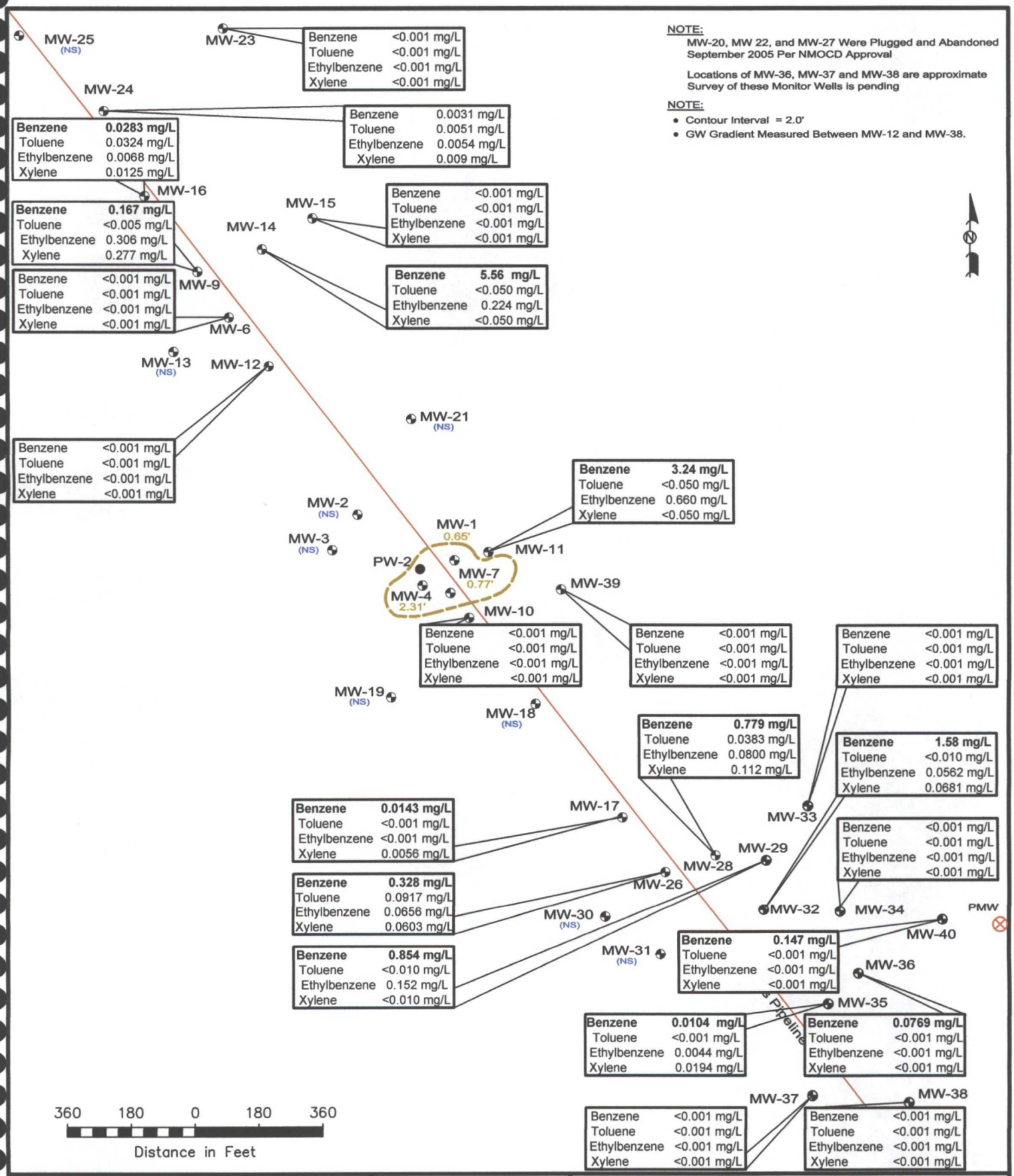
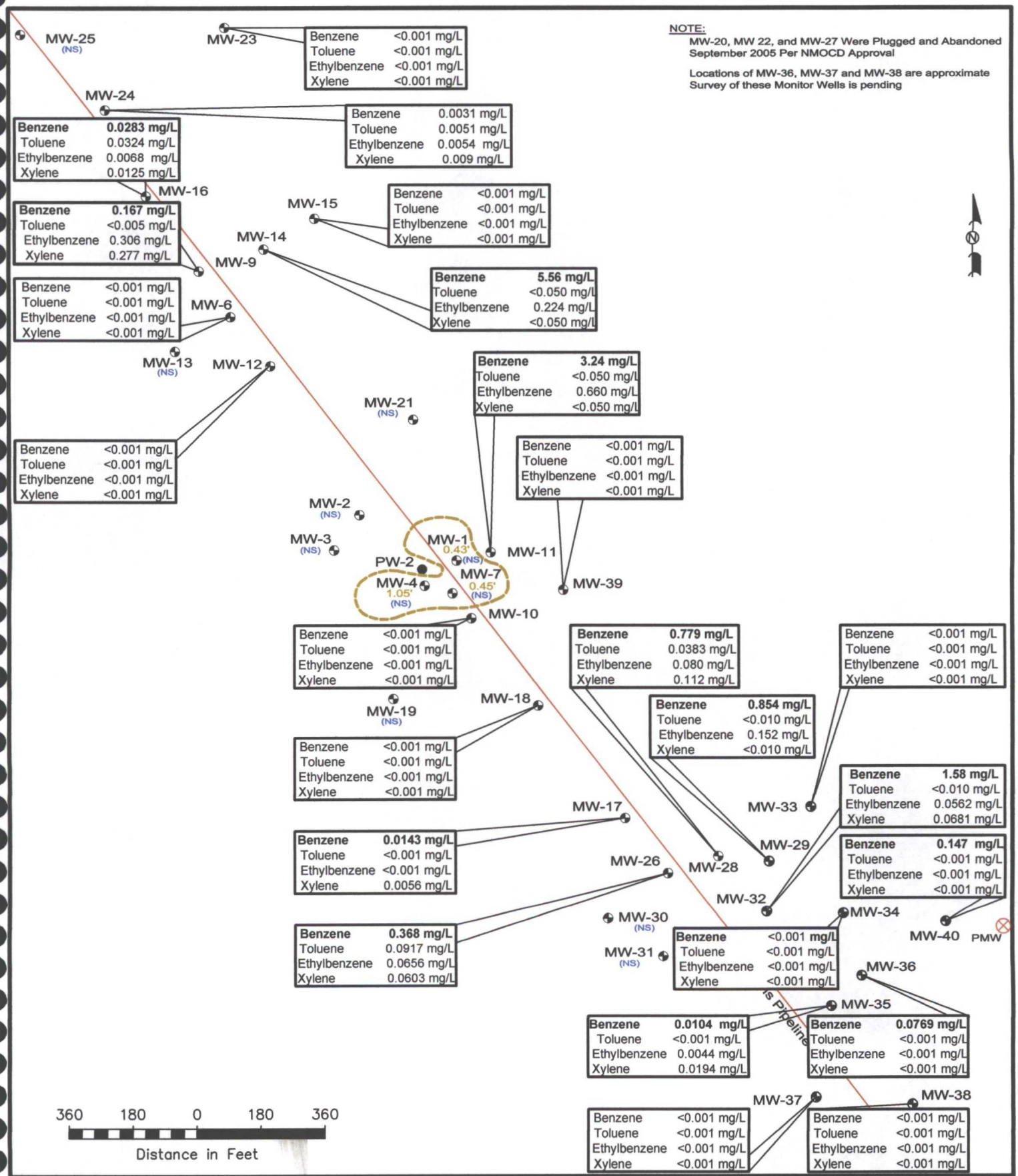


Figure 3A
Groundwater Concentration and Inferred PSH Extent Map (2/22/10)
Plains Marketing, L.P.
TNM SPS-11
Lea County, NM

NOVA safety and environmental
2057 Commerce Drive
Midland, Texas 79703
432.520.7720
www.novasafetyandenvironmental.com

Scale: 1" = 360'	Drawn By: SAT	Checked By: RKR
May 17, 2010	NW1/4 SE1/4 Sec 18 T18S R36E	Lat. N32° 44' 50.3" Long. W103° 23' 38.5"


NOTE:
MW-20, MW 22, and MW-27 Were Plugged and Abandoned September 2005 Per NMOCD Approval
Locations of MW-36, MW-37 and MW-38 are approximate Survey of these Monitor Wells is pending
MW-25 (NS)
MW-23
Benzene <0.001 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene <0.001 mg/L
MW-24
Benzene 0.0283 mg/L
Toluene 0.0324 mg/L
Ethylbenzene 0.0068 mg/L
Xylene 0.0125 mg/L
Benzene 0.0031 mg/L
Toluene 0.0051 mg/L
Ethylbenzene 0.0054 mg/L
Xylene 0.009 mg/L
MW-16
Benzene 0.167 mg/L
Toluene <0.005 mg/L
Ethylbenzene 0.306 mg/L
Xylene 0.277 mg/L
MW-15
Benzene <0.001 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene <0.001 mg/L
MW-14
MW-9
Benzene 5.56 mg/L
Toluene <0.050 mg/L
Ethylbenzene 0.224 mg/L
Xylene <0.050 mg/L
Benzene <0.001 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene <0.001 mg/L
MW-6
MW-13 (NS)
MW-12
Benzene 3.24 mg/L
Toluene <0.050 mg/L
Ethylbenzene 0.660 mg/L
Xylene <0.050 mg/L
MW-21 (NS)
Benzene <0.001 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene <0.001 mg/L
Benzene <0.001 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene <0.001 mg/L
MW-2 (NS)
MW-3 (NS)
MW-1 0.43' (NS)
PW-2
MW-4 1.05' (NS)
MW-7 0.45' (NS)
MW-11
MW-39
MW-10
Benzene <0.001 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene <0.001 mg/L
Benzene 0.779 mg/L
Toluene 0.0383 mg/L
Ethylbenzene 0.080 mg/L
Xylene 0.112 mg/L
Benzene <0.001 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene <0.001 mg/L
MW-19 (NS)
MW-18
Benzene 0.854 mg/L
Toluene <0.010 mg/L
Ethylbenzene 0.152 mg/L
Xylene <0.010 mg/L
Benzene <0.001 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene <0.001 mg/L
Benzene 1.58 mg/L
Toluene <0.010 mg/L
Ethylbenzene 0.0562 mg/L
Xylene 0.0681 mg/L
MW-33
MW-17
Benzene 0.0143 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene 0.0056 mg/L
MW-29
MW-26
MW-28
Benzene 0.147 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene <0.001 mg/L
MW-32
MW-30 (NS)
MW-34
MW-40 PMW
Benzene 0.368 mg/L
Toluene 0.0917 mg/L
Ethylbenzene 0.0656 mg/L
Xylene 0.0603 mg/L
MW-31 (NS)
Benzene <0.001 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene <0.001 mg/L
MW-36
MW-35
Benzene 0.0104 mg/L
Toluene <0.001 mg/L
Ethylbenzene 0.0044 mg/L
Xylene 0.0194 mg/L
Benzene 0.0769 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene <0.001 mg/L
MW-37
MW-38
Benzene <0.001 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene <0.001 mg/L
Benzene <0.001 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene <0.001 mg/L
360 180 0 180 360
Distance in Feet
LEGEND:
Monitoring Well Location
Soil Boring Location
Producing Well Location
PMW Proposed Monitoring Well Location
(NS) Not Sampled
Inferred PSH Extent
<0.001 Constituent Concentration (mg/L)
0.01' PSH Thickness (Feet)
Figure 3B
Inferred PSH Extent and BTEX Concentration Map
(06/03/2010)
Plains Marketing, L.P.
TNM SPS-11
Lea County, NM
NOVA
safety and environmental
2057 Commerce Drive
Midland, Texas 79703
432.520.7720
www.novasafetyandenvironmental.com
Scale: 1" = 360'
Drawn By: SAT
Checked By: RKR
June 16, 2010
NW1/4 SE1/4 Sec 18 T18S R36E
Lat. N32° 44' 50.3" Long. W103° 23' 38.5"

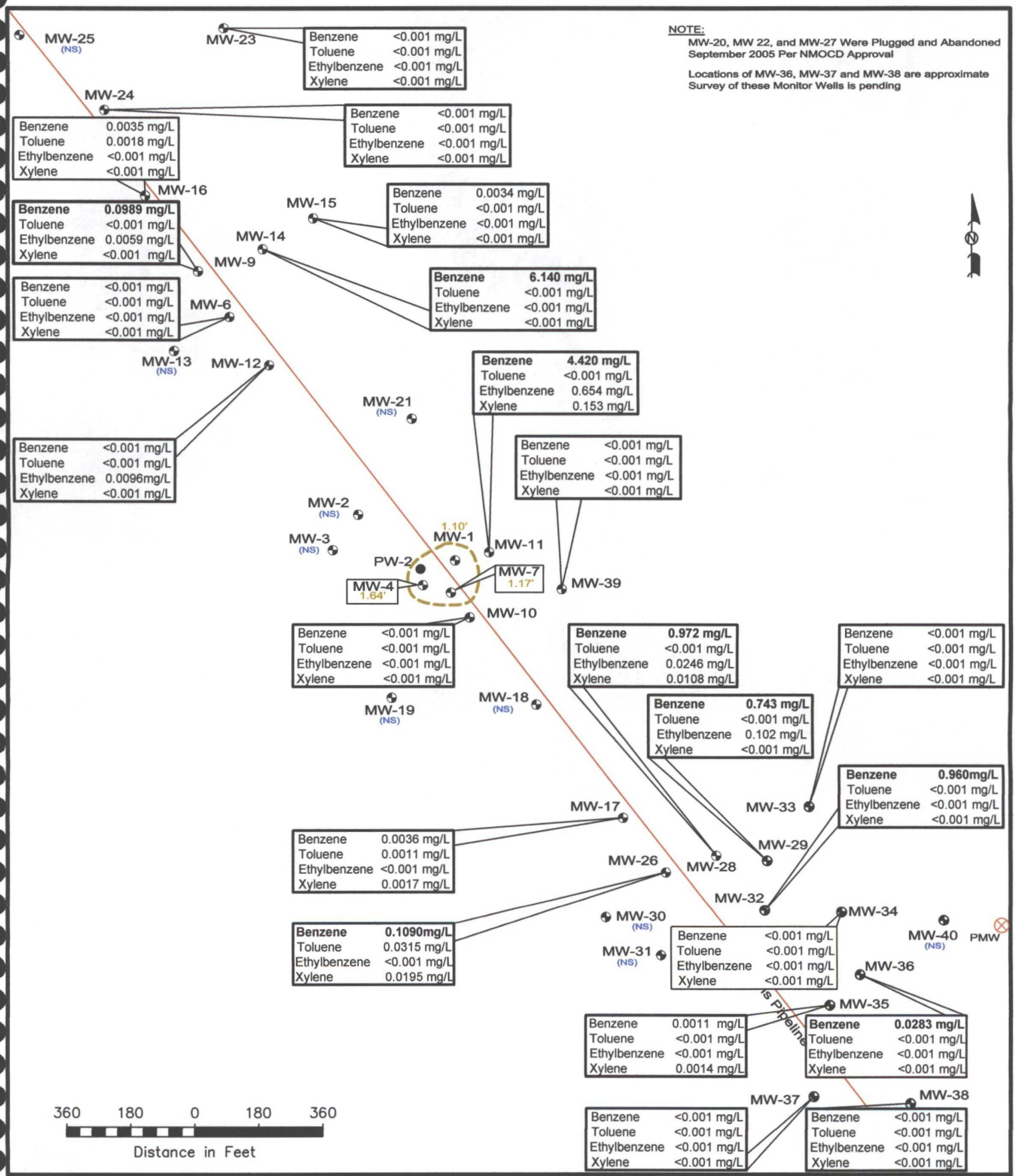
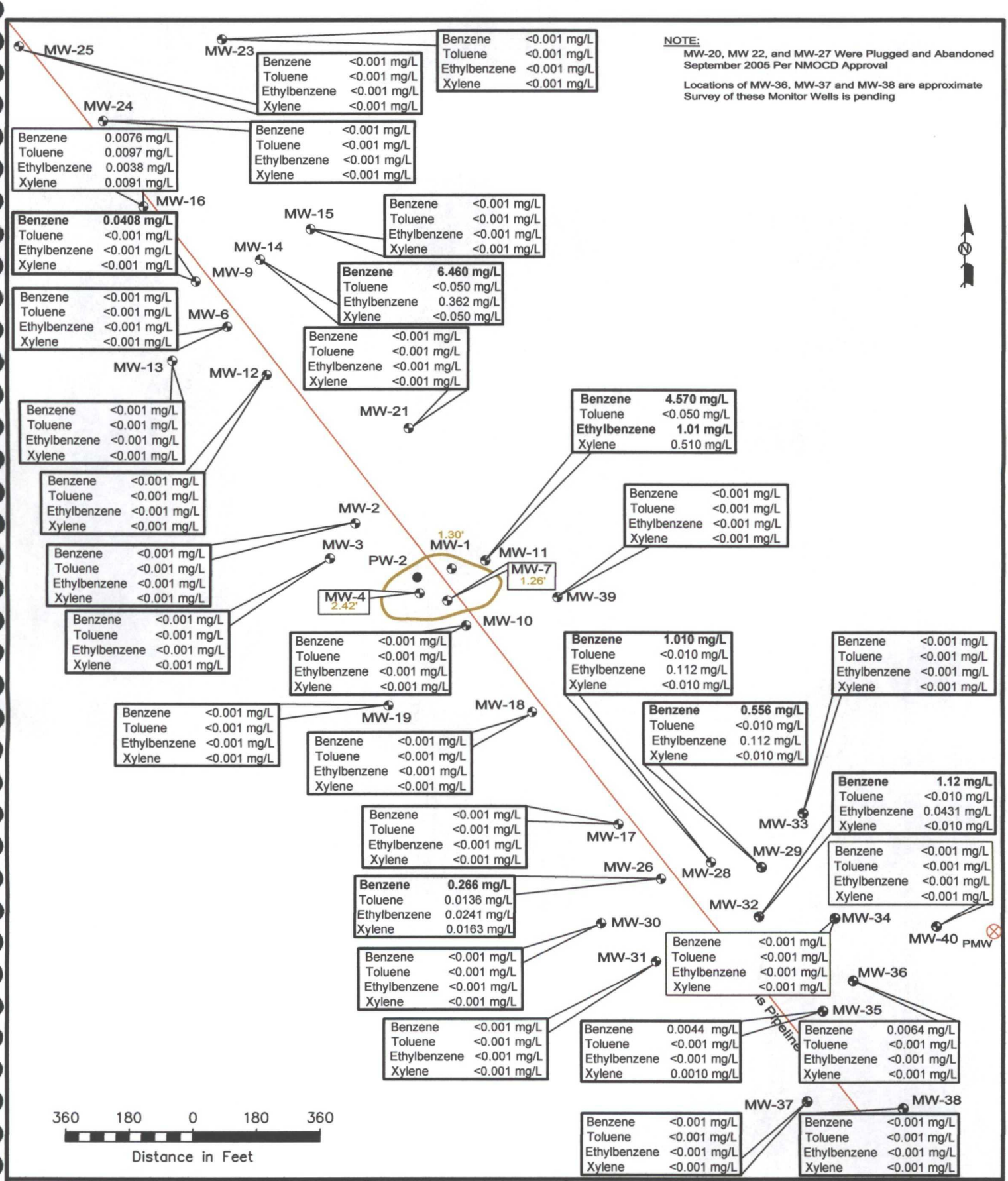


Figure 3C
Inferred PSH Extent and BTEX Concentration Map
(08/26/2010)
Plains Marketing, L.P.
TNM SPS-11
Lea County, NM

NOVA safety and environmental
2057 Commerce Drive
Midland, Texas 79703
432.520.7720
www.novasafetyandenvironmental.com

Scale: 1" = 360'	Drawn By: ta	Checked By: RKR
September 14, 2010	NW1/4 SE1/4 Sec 18 T18S R36E	Lat. N32° 44' 50.3" Long. W103° 23' 38.5"


NOTE:
MW-20, MW 22, and MW-27 Were Plugged and Abandoned September 2005 Per NMOCD Approval
Locations of MW-36, MW-37 and MW-38 are approximate Survey of these Monitor Wells is pending
MW-25
MW-23
Benzene <0.001 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene <0.001 mg/L
MW-24
Benzene 0.0076 mg/L
Toluene 0.0097 mg/L
Ethylbenzene 0.0038 mg/L
Xylene 0.0091 mg/L
MW-16
Benzene 0.0408 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene <0.001 mg/L
MW-15
MW-14
MW-9
Benzene 6.460 mg/L
Toluene <0.050 mg/L
Ethylbenzene 0.362 mg/L
Xylene <0.050 mg/L
MW-6
MW-13
MW-12
MW-21
Benzene 4.570 mg/L
Toluene <0.050 mg/L
Ethylbenzene 1.01 mg/L
Xylene 0.510 mg/L
MW-2
MW-3
PW-2
MW-1
1.30'
MW-11
MW-7
1.26'
MW-4
2.42'
MW-39
MW-10
MW-19
MW-18
Benzene 1.010 mg/L
Toluene <0.010 mg/L
Ethylbenzene 0.112 mg/L
Xylene <0.010 mg/L
Benzene 0.556 mg/L
Toluene <0.010 mg/L
Ethylbenzene 0.112 mg/L
Xylene <0.010 mg/L
MW-33
Benzene 1.12 mg/L
Toluene <0.010 mg/L
Ethylbenzene 0.0431 mg/L
Xylene <0.010 mg/L
MW-17
MW-29
MW-28
MW-26
Benzene 0.266 mg/L
Toluene 0.0136 mg/L
Ethylbenzene 0.0241 mg/L
Xylene 0.0163 mg/L
MW-32
MW-34
MW-40 PMW
MW-30
MW-31
MW-36
MW-35
Benzene 0.0044 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene 0.0010 mg/L
Benzene 0.0064 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene <0.001 mg/L
MW-37
MW-38
Benzene <0.001 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene <0.001 mg/L
N
360 180 0 180 360
Distance in Feet
LEGEND:
Monitoring Well Location
Soil Boring Location
Producing Well Location
PMW Proposed Monitoring Well Location
(NS) Not Sampled
Inferred PSH Extent
<0.001 Constituent Concentration (mg/L)
0.01' PSH Thickness (Feet)
Figure 3D
Inferred PSH Extent and
BTEX Concentration Map
(11/30/2010 - 12/1/2010)
Plains Marketing, L.P.
TNM SPS-11
Lea County, NM
NOVA
safety and environmental
2057 Commerce Drive
Midland, Texas 79703
432.520.7720
www.novasafetyandenvironmental.com
Scale: 1" = 360'
Drawn By: TA
Checked By: RKR
December 27, 2010
NW1/4 SE1/4 Sec 18 T18S R36E
Lat. N32° 44' 50.3" Long. W103° 23' 38.5"

Tables

TABLE 1

GROUNDWATER ELEVATION DATA - 2010

TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	01/06/10	3859.08	59.20	59.85	0.65	3799.78
MW - 1	01/19/10	3859.08	59.21	59.83	0.62	3799.78
MW - 1	02/02/10	3859.08	59.05	60.94	1.89	3799.75
MW - 1	02/19/10	3859.08	59.18	60.90	1.72	3799.64
MW - 1	*02/22/10*	3859.08	59.31	59.96	0.65	3799.67
MW - 1	03/02/10	3859.08	59.24	60.49	1.25	3799.65
MW - 1	03/09/10	3859.08	59.33	60.05	0.72	3799.64
MW - 1	03/11/10	3859.08	59.36	60.03	0.67	3799.62
MW - 1	03/16/10	3859.08	59.08	60.92	1.84	3799.72
MW - 1	03/18/10	3859.08	59.22	60.00	0.78	3799.74
MW - 1	03/24/10	3859.08	59.34	60.03	0.69	3799.64
MW - 1	03/31/10	3859.08	59.34	59.99	0.65	3799.64
MW - 1	04/08/10	3859.08	59.07	60.90	1.83	3799.74
MW - 1	04/15/10	3859.08	59.09	60.89	1.80	3799.72
MW - 1	04/28/10	3859.08	59.12	60.63	1.51	3799.73
MW - 1	05/06/10	3859.08	59.10	60.65	1.55	3799.75
MW - 1	05/13/10	3859.08	59.13	60.60	1.47	3799.73
MW - 1	05/19/10	3859.08	59.11	60.58	1.47	3799.75
MW - 1	05/27/10	3859.08	59.09	61.08	1.99	3799.69
MW - 1	*06/04/10*	3859.08	59.28	60.13	0.85	3799.67
MW - 1	07/02/10	3859.08	59.19	60.88	1.69	3799.64
MW - 1	07/09/10	3859.08	59.06	60.96	1.90	3799.74
MW - 1	07/14/10	3859.08	58.95	59.67	0.72	3800.02
MW - 1	07/22/10	3859.08	58.82	59.67	0.85	3800.13
MW - 1	07/29/10	3859.08	58.78	59.81	1.03	3800.15
MW - 1	08/05/10	3859.08	58.74	60.17	1.43	3800.13
MW - 1	08/12/10	3859.08	58.80	59.82	1.02	3800.13
MW - 1	08/18/10	3859.08	58.82	59.82	1.00	3800.11
MW - 1	*08/26/10*	3859.08	58.82	59.92	1.10	3800.10
MW - 1	09/02/10	3859.08	58.75	60.46	1.71	3800.07
MW - 1	09/08/10	3859.08	58.83	59.91	1.08	3800.09
MW - 1	09/30/10	3859.08	58.91	60.27	1.36	3799.97
MW - 1	10/07/10	3859.08	58.93	60.25	1.32	3799.95
MW - 1	10/14/10	3859.08	58.95	60.23	1.28	3799.94
MW - 1	10/21/10	3859.08	58.93	60.26	1.33	3799.95
MW - 1	11/04/10	3859.08	58.75	60.94	2.19	3800.00
MW - 1	11/11/10	3859.08	58.73	62.10	3.37	3799.84
MW - 1	*11/30/10*	3859.08	58.94	60.24	1.30	3799.95
MW - 1	12/08/10	3859.08	58.84	60.63	1.79	3799.97
MW - 1	12/16/10	3859.08	58.76	60.59	1.83	3800.05
MW - 1	12/22/10	3859.08	59.41	61.13	1.72	3799.41
MW - 2	01/06/10	3860.76	-	59.94	0.00	3800.82
MW - 2	*02/22/10*	3860.76	-	60.04	0.00	3800.72
MW - 2	*06/04/10*	3860.76	-	60.34	0.00	3800.42
MW - 2	*08/26/10*	3860.76	-	60.34	0.00	3800.42
MW - 2	*11/30/10*	3860.76	-	59.97	0.00	3800.79

TABLE 1

GROUNDWATER ELEVATION DATA - 2010

TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 3	01/06/10	3861.15	-	60.39	0.00	3800.76
MW - 3	*02/22/10*	3861.15	-	60.44	0.00	3800.71
MW - 3	*06/04/10*	3861.15	-	60.56	0.00	3800.59
MW - 3	*08/26/10*	3861.15	-	60.58	0.00	3800.57
MW - 3	*11/30/10*	3861.15	-	60.40	0.00	3800.75
MW - 4	01/06/10	3859.62	59.28	60.82	1.54	3800.11
MW - 4	01/19/10	3859.62	59.26	60.82	1.56	3800.13
MW - 4	02/02/10	3859.62	59.21	61.70	2.49	3800.04
MW - 4	02/19/10	3859.62	59.25	61.84	2.59	3799.98
MW - 4	*02/22/10*	3859.62	59.40	61.71	2.31	3799.87
MW - 4	03/02/10	3859.62	59.25	61.89	2.64	3799.97
MW - 4	03/09/10	3859.62	59.39	61.16	1.77	3799.96
MW - 4	03/11/10	3859.62	59.41	61.09	1.68	3799.96
MW - 4	03/16/10	3859.62	59.25	61.64	2.39	3800.01
MW - 4	03/18/10	3859.62	59.28	61.12	1.84	3800.06
MW - 4	03/24/10	3859.62	59.42	61.06	1.64	3799.95
MW - 4	03/31/10	3859.62	59.40	61.05	1.65	3799.97
MW - 4	04/08/10	3859.62	59.24	61.05	1.81	3800.11
MW - 4	04/15/10	3859.62	59.25	61.06	1.81	3800.10
MW - 4	04/28/10	3859.62	59.20	61.80	2.60	3800.03
MW - 4	05/06/10	3859.62	59.24	61.82	2.58	3799.99
MW - 4	05/13/10	3859.62	59.28	61.77	2.49	3799.97
MW - 4	*05/19/10*	3859.62	59.30	61.75	2.45	3799.95
MW - 4	05/27/10	3859.62	59.18	62.26	3.08	3799.98
MW - 4	*06/04/10*	3859.62	59.27	61.71	2.44	3799.98
MW - 4	07/02/10	3859.62	59.21	62.17	2.96	3799.97
MW - 4	07/09/10	3859.62	59.17	61.50	2.33	3800.10
MW - 4	07/14/10	3859.62	58.90	60.44	1.54	3800.49
MW - 4	07/22/10	3859.62	58.79	60.47	1.68	3800.58
MW - 4	07/29/10	3859.62	58.79	60.75	1.96	3800.54
MW - 4	08/05/10	3859.62	58.75	61.10	2.35	3800.52
MW - 4	08/12/10	3859.62	58.79	60.76	1.97	3800.53
MW - 4	08/18/10	3859.62	58.85	60.73	1.88	3800.49
MW - 4	*08/26/10*	3859.62	58.87	60.51	1.64	3800.50
MW - 4	09/02/10	3859.62	58.89	60.98	2.09	3800.42
MW - 4	09/08/10	3859.62	58.86	60.52	1.66	3800.51
MW - 4	09/30/10	3859.62	58.96	61.63	2.67	3800.26
MW - 4	10/07/10	3859.62	58.95	61.39	2.44	3800.30
MW - 4	10/14/10	3859.62	58.96	61.37	2.41	3800.30
MW - 4	10/21/10	3859.62	58.97	61.37	2.40	3800.29
MW - 4	11/04/10	3859.62	59.26	61.42	2.16	3800.04
MW - 4	11/11/10	3859.62	58.98	62.23	3.25	3800.15
MW - 4	*11/30/10*	3859.62	58.96	61.38	2.42	3800.30
MW - 4	12/08/10	3859.62	58.95	60.51	1.56	3800.44
MW - 4	12/16/10	3859.62	58.91	60.72	1.81	3800.44
MW - 4	12/22/10	3859.62	58.74	60.91	2.17	3800.55

TABLE 1

GROUNDWATER ELEVATION DATA - 2010

TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 6	01/06/10	3862.47	-	59.96	0.00	3802.51
MW - 6	*02/22/10*	3862.47	-	60.02	0.00	3802.45
MW - 6	*06/04/10*	3862.47	-	60.16	0.00	3802.31
MW - 6	*08/26/10*	3862.47	-	60.16	0.00	3802.31
MW - 6	*11/30/10*	3862.47	-	59.96	0.00	3802.51
MW - 7	01/06/10	3859.31	59.50	60.05	0.55	3799.73
MW - 7	01/19/10	3859.31	59.52	60.07	0.55	3799.71
MW - 7	02/02/10	3859.31	59.49	60.37	0.88	3799.69
MW - 7	02/19/10	3859.31	59.57	60.62	1.05	3799.58
MW - 7	*02/22/10*	3859.31	59.59	60.36	0.77	3799.60
MW - 7	03/02/10	3859.31	59.58	60.53	0.95	3799.59
MW - 7	03/09/10	3859.31	59.65	60.21	0.56	3799.58
MW - 7	03/11/10	3859.31	59.68	60.11	0.43	3799.57
MW - 7	03/16/10	3859.31	59.56	60.33	0.77	3799.63
MW - 7	03/18/10	3859.31	59.85	60.06	0.21	3799.43
MW - 7	03/24/10	3859.31	59.66	60.25	0.59	3799.56
MW - 7	03/31/10	3859.31	59.66	60.24	0.58	3799.56
MW - 7	04/08/10	3859.31	59.52	60.48	0.96	3799.65
MW - 7	04/15/10	3859.31	59.54	60.33	0.79	3799.65
MW - 7	04/28/10	3859.31	59.53	60.45	0.92	3799.64
MW - 7	05/06/10	3859.31	59.56	60.47	0.91	3799.61
MW - 7	05/13/10	3859.31	59.60	60.46	0.86	3799.58
MW - 7	*05/19/10*	3859.31	59.58	60.47	0.89	3799.60
MW - 7	05/27/10	3859.31	59.46	61.06	1.60	3799.61
MW - 7	*06/04/10*	3859.31	59.54	60.62	1.08	3799.61
MW - 7	07/02/10	3859.31	59.55	60.88	1.33	3799.56
MW - 7	07/09/10	3859.31	59.59	60.18	0.59	3799.63
MW - 7	07/14/10	3859.31	59.39	59.45	0.06	3799.91
MW - 7	07/22/10	3859.31	59.16	59.60	0.44	3800.08
MW - 7	07/29/10	3859.31	59.16	59.74	0.58	3800.06
MW - 7	08/05/10	3859.31	58.14	58.81	0.67	3801.07
MW - 7	08/12/10	3859.31	59.12	59.98	0.86	3800.06
MW - 7	08/18/10	3859.31	59.14	60.03	0.89	3800.04
MW - 7	*08/26/10*	3859.31	59.10	60.27	1.17	3800.03
MW - 7	09/02/10	3859.31	59.07	60.65	1.58	3800.00
MW - 7	09/08/10	3859.31	59.09	60.25	1.16	3800.05
MW - 7	09/30/10	3859.31	59.21	60.45	1.24	3799.91
MW - 7	10/07/10	3859.31	59.21	60.43	1.22	3799.92
MW - 7	10/14/10	3859.31	59.22	60.44	1.22	3799.91
MW - 7	10/21/10	3859.31	59.19	60.45	1.26	3799.93
MW - 7	11/04/10	3859.31	59.21	60.95	1.74	3799.84
MW - 7	11/11/10	3859.31	59.05	62.23	3.18	3799.78
MW - 7	*11/30/10*	3859.31	59.21	60.47	1.26	3799.91
MW - 7	12/08/10	3859.31	59.13	61.22	2.09	3799.87
MW - 7	12/16/10	3859.31	59.22	61.35	2.13	3799.77
MW - 7	12/22/10	3859.31	59.12	60.78	1.66	3799.94

TABLE 1

GROUNDWATER ELEVATION DATA - 2010

TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 9	01/06/10	3861.88	-	59.90	0.00	3801.98
MW - 9	*02/22/10*	3861.88	-	58.99	0.00	3802.89
MW - 9	05/06/10	3861.88	-	59.90	0.00	3801.98
MW - 9	05/13/10	3861.88	-	59.89	0.00	3801.99
MW - 9	*05/19/10*	3861.88	-	59.88	0.00	3802.00
MW - 9	*06/04/10*	3861.88	-	59.14	0.00	3802.74
MW - 9	*08/26/10*	3861.88	-	59.13	0.00	3802.75
MW - 9	*11/30/10*	3861.88	-	58.93	0.00	3802.95
MW - 10	01/06/10	3860.58	-	61.02	0.00	3799.56
MW - 10	*02/22/10*	3860.58	-	61.06	0.00	3799.52
MW - 10	*06/04/10*	3860.58	-	61.16	0.00	3799.42
MW - 10	*08/26/10*	3860.58	-	61.18	0.00	3799.40
MW - 10	*11/30/10*	3860.58	-	61.00	0.00	3799.58
MW - 11	01/06/10	3860.00	-	60.51	0.00	3799.49
MW - 11	*02/22/10*	3860.00	-	60.56	0.00	3799.44
MW - 11	05/06/10	3860.00	-	60.51	0.00	3799.49
MW - 11	05/13/10	3860.00	-	60.53	0.00	3799.47
MW - 11	*05/19/10*	3860.00	-	60.54	0.00	3799.46
MW - 11	*06/04/10*	3860.00	-	60.64	0.00	3799.36
MW - 11	*08/26/10*	3860.00	-	60.67	0.00	3799.33
MW - 11	*11/30/10*	3860.00	-	60.51	0.00	3799.49
MW - 12	01/06/10	3863.10	-	69.07	0.00	3794.03
MW - 12	*02/22/10*	3863.10	-	61.15	0.00	3801.95
MW - 12	*06/04/10*	3863.10	-	61.27	0.00	3801.83
MW - 12	*08/26/10*	3863.10	-	61.25	0.00	3801.85
MW - 12	*11/30/10*	3863.10	-	61.10	0.00	3802.00
MW - 13	01/06/10	3862.44	-	59.46	0.00	3802.98
MW - 13	*02/22/10*	3862.44	-	59.51	0.00	3802.93
MW - 13	*06/04/10*	3862.44	-	59.67	0.00	3802.77
MW - 13	*08/26/10*	3862.44	-	59.69	0.00	3802.75
MW - 13	*11/30/10*	3862.44	-	59.43	0.00	3803.01
MW - 14	01/06/10	3862.95	-	60.66	0.00	3802.29
MW - 14	*02/22/10*	3862.95	-	60.73	0.00	3802.22
MW - 14	05/06/10	3862.95	-	60.66	0.00	3802.29
MW - 14	05/13/10	3862.95	-	60.64	0.00	3802.31
MW - 14	*05/19/10*	3862.95	-	60.63	0.00	3802.32
MW - 14	*06/04/10*	3862.95	-	60.84	0.00	3802.11
MW - 14	*08/26/10*	3862.95	-	60.82	0.00	3802.13
MW - 14	*11/30/10*	3862.95	-	60.72	0.00	3802.23

TABLE 1

GROUNDWATER ELEVATION DATA - 2010

TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 15	01/06/10	3861.70	-	59.80	0.00	3801.90
MW - 15	*02/22/10*	3861.70	-	59.84	0.00	3801.86
MW - 15	*06/04/10*	3861.70	-	59.96	0.00	3801.74
MW - 15	*08/26/10*	3861.70	-	59.94	0.00	3801.76
MW - 15	*11/30/10*	3861.70	-	59.88	0.00	3801.82
MW - 16	01/06/10	3863.15	-	59.57	0.00	3803.58
MW - 16	*02/22/10*	3863.15	-	59.65	0.00	3803.50
MW - 16	*06/04/10*	3863.15	-	59.79	0.00	3803.36
MW - 16	*08/26/10*	3863.15	-	59.81	0.00	3803.34
MW - 16	*11/30/10*	3863.15	-	59.58	0.00	3803.57
MW - 17	01/06/10	3859.17	-	61.97	0.00	3797.20
MW - 17	*02/22/10*	3859.17	-	61.99	0.00	3797.18
MW - 17	*06/04/10*	3859.17	-	62.06	0.00	3797.11
MW - 17	*08/26/10*	3859.17	-	62.09	0.00	3797.08
MW - 17	*11/30/10*	3859.17	-	61.96	0.00	3797.21
MW - 18	01/06/10	3859.98	-	61.49	0.00	3798.49
MW - 18	*02/22/10*	3859.98	-	61.51	0.00	3798.47
MW - 18	*06/04/10*	3859.98	-	61.58	0.00	3798.40
MW - 18	*08/26/10*	3859.98	-	61.58	0.00	3798.40
MW - 18	*11/30/10*	3859.98	-	61.48	0.00	3798.50
MW - 19	01/06/10	3862.30	-	62.36	0.00	3799.94
MW - 19	*02/22/10*	3862.30	-	62.41	0.00	3799.89
MW - 19	*06/04/10*	3862.30	-	62.50	0.00	3799.80
MW - 19	*08/26/10*	3862.30	-	62.52	0.00	3799.78
MW - 19	*11/30/10*	3862.30	-	62.33	0.00	3799.97
MW - 21	01/06/10	3862.30	-	61.77	0.00	3800.53
MW - 21	*02/22/10*	3862.30	-	61.82	0.00	3800.48
MW - 21	*06/04/10*	3862.30	-	61.92	0.00	3800.38
MW - 21	*08/26/10*	3862.30	-	61.91	0.00	3800.39
MW - 21	*11/30/10*	3862.30	-	61.75	0.00	3800.55
MW - 23	01/06/10	3862.44	-	59.39	0.00	3803.05
MW - 23	*02/22/10*	3862.44	-	59.41	0.00	3803.03
MW - 23	*06/04/10*	3862.44	-	59.51	0.00	3802.93
MW - 23	*08/26/10*	3862.44	-	59.53	0.00	3802.91
MW - 23	*11/30/10*	3862.44	-	59.37	0.00	3803.07
MW - 24	01/06/10	3864.36	-	60.23	0.00	3804.13
MW - 24	*02/22/10*	3864.36	-	60.30	0.00	3804.06
MW - 24	*06/04/10*	3864.36	-	60.43	0.00	3803.93
MW - 24	*08/26/10*	3864.36	-	60.43	0.00	3803.93
MW - 24	*11/30/10*	3864.36	-	60.25	0.00	3804.11

TABLE 1

GROUNDWATER ELEVATION DATA - 2010

TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 25	01/06/10	3864.16	-	59.20	0.00	3804.96
MW - 25	*02/22/10*	3864.16	-	59.23	0.00	3804.93
MW - 25	*06/04/10*	3864.16	-	59.35	0.00	3804.81
MW - 25	*08/26/10*	3864.16	-	59.35	0.00	3804.81
MW - 25	*11/30/10*	3864.16	-	59.17	0.00	3804.99
MW - 26	01/06/10	3858.79	-	62.34	0.00	3796.45
MW - 26	*02/22/10*	3858.79	-	62.38	0.00	3796.41
MW - 26	05/06/10	3858.79	-	62.34	0.00	3796.45
MW - 26	05/13/10	3858.79	-	62.34	0.00	3796.45
MW - 26	*05/19/10*	3858.79	-	62.34	0.00	3796.45
MW - 26	*06/04/10*	3858.79	-	62.43	0.00	3796.36
MW - 26	*08/26/10*	3858.79	-	62.43	0.00	3796.36
MW - 26	*11/30/10*	3858.79	-	62.32	0.00	3796.47
MW - 28	01/06/10	3858.60	-	62.58	0.00	3796.02
MW - 28	*02/22/10*	3858.60	-	62.62	0.00	3795.98
MW - 28	05/06/10	3858.60	-	62.58	0.00	3796.02
MW - 28	05/13/10	3858.60	-	62.60	0.00	3796.00
MW - 28	*05/19/10*	3858.60	-	62.61	0.00	3795.99
MW - 28	*06/04/10*	3858.60	-	62.68	0.00	3795.92
MW - 28	*08/26/10*	3858.60	-	62.69	0.00	3795.91
MW - 28	*11/30/10*	3858.60	-	62.59	0.00	3796.01
MW - 29	01/06/10	3858.54	-	63.02	0.00	3795.52
MW - 29	*02/22/10*	3858.54	-	63.06	0.00	3795.48
MW - 29	05/06/10	3858.54	-	63.02	0.00	3795.52
MW - 29	05/13/10	3858.54	-	63.01	0.00	3795.53
MW - 29	*05/19/10*	3858.54	-	63.00	0.00	3795.54
MW - 29	*06/04/10*	3858.54	-	63.14	0.00	3795.40
MW - 29	*08/26/10*	3858.54	-	63.16	0.00	3795.38
MW - 29	*11/30/10*	3858.54	-	63.06	0.00	3795.48
MW - 30	01/06/10	3858.35	-	61.46	0.00	3796.89
MW - 30	*02/22/10*	3858.35	-	61.52	0.00	3796.83
MW - 30	*06/04/10*	3858.35	-	61.56	0.00	3796.79
MW - 30	*08/26/10*	3858.35	-	61.57	0.00	3796.78
MW - 30	*11/30/10*	3858.35	-	61.43	0.00	3796.92
MW - 31	01/06/10	3858.52	-	62.39	0.00	3796.13
MW - 31	*02/22/10*	3858.52	-	62.41	0.00	3796.11
MW - 31	*06/04/10*	3858.52	-	62.44	0.00	3796.08
MW - 31	*08/26/10*	3858.52	-	62.42	0.00	3796.10
MW - 31	*11/30/10*	3858.52	-	62.39	0.00	3796.13

TABLE 1

GROUNDWATER ELEVATION DATA - 2010

TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 32	01/06/10	3858.07	-	62.76	0.00	3795.31
MW - 32	*02/22/10*	3858.07	-	62.78	0.00	3795.29
MW - 32	05/06/10	3858.07	-	62.76	0.00	3795.31
MW - 32	05/13/10	3858.07	-	62.74	0.00	3795.33
MW - 32	*05/19/10*	3858.07	-	62.76	0.00	3795.31
MW - 32	*06/04/10*	3858.07	-	62.83	0.00	3795.24
MW - 32	*08/26/10*	3858.07	-	62.83	0.00	3795.24
MW - 32	*11/30/10*	3858.07	-	62.75	0.00	3795.32
MW - 33	01/06/10	3858.36	-	63.34	0.00	3795.02
MW - 33	*02/22/10*	3858.36	-	63.40	0.00	3794.96
MW - 33	*06/04/10*	3858.36	-	63.45	0.00	3794.91
MW - 33	*08/26/10*	3858.36	-	63.47	0.00	3794.89
MW - 33	*11/30/10*	3858.36	-	63.35	0.00	3795.01
MW - 34	01/06/10	3857.91	-	63.32	0.00	3794.59
MW - 34	02/02/10	3857.91	-		0.00	3857.91
MW - 34	*02/22/10*	3857.91	-	63.34	0.00	3794.57
MW - 34	05/06/10	3857.91	-	63.46	0.00	3794.45
MW - 34	05/13/10	3857.91	-	63.47	0.00	3794.44
MW - 34	*05/19/10*	3857.91	-	63.46	0.00	3794.45
MW - 34	*06/04/10*	3857.91	-	63.38	0.00	3794.53
MW - 34	*08/26/10*	3857.91	-	63.39	0.00	3794.52
MW - 34	*11/30/10*	3857.91	-	63.33	0.00	3794.58
MW - 35	01/06/10	3857.16	-	62.81	0.00	3794.35
MW - 35	*02/22/10*	3857.16	-	62.85	0.00	3794.31
MW - 35	05/06/10	3857.16	-	62.81	0.00	3794.35
MW - 35	05/13/10	3857.16	-	62.83	0.00	3794.33
MW - 35	*05/19/10*	3857.16	-	62.85	0.00	3794.31
MW - 35	*06/04/10*	3857.16	-	62.92	0.00	3794.24
MW - 35	*08/26/10*	3857.16	-	62.94	0.00	3794.22
MW - 35	*11/30/10*	3857.16	-	62.84	0.00	3794.32
MW - 36	01/06/10	3858.80	-	63.46	0.00	3795.34
MW - 36	*02/22/10*	3858.80	-	63.48	0.00	3795.32
MW - 36	05/06/10	3858.80	-	63.46	0.00	3795.34
MW - 36	05/13/10	3858.80	-	63.45	0.00	3795.35
MW - 36	*05/19/10*	3858.80	-	63.42	0.00	3795.38
MW - 36	*06/04/10*	3858.80	-	63.53	0.00	3795.27
MW - 36	*08/26/10*	3858.80	-	63.52	0.00	3795.28
MW - 36	*11/30/10*	3858.80	-	63.47	0.00	3795.33
MW - 37	01/06/10	3857.69	-	62.40	0.00	3795.29
MW - 37	*02/22/10*	3857.69	-	62.41	0.00	3795.28
MW - 37	*06/04/10*	3857.69	-	62.44	0.00	3795.25
MW - 37	*08/26/10*	3857.69	-	62.43	0.00	3795.26
MW - 37	*11/30/10*	3857.69	-	62.40	0.00	3795.29

TABLE 1

GROUNDWATER ELEVATION DATA - 2010

TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 38	01/06/10	3855.95	-	61.17	0.00	3794.78
MW - 38	*02/22/10*	3855.95	-	61.22	0.00	3794.73
MW - 38	*06/04/10*	3855.95	-	61.26	0.00	3794.69
MW - 38	*08/26/10*	3855.95	-	61.27	0.00	3794.68
MW - 38	*11/30/10*	3855.95	-	61.19	0.00	3794.76
MW - 39	01/06/10		-	62.05	0.00	-62.05
MW - 39	*02/22/10*		-	62.08	0.00	-62.08
MW - 39	*06/04/10*		-	62.16	0.00	-62.16
MW - 39	*08/26/10*		-	62.19	0.00	-62.19
MW - 39	*11/30/10*		-	62.03	0.00	-62.03
MW - 40	01/06/10		-	64.07	0.00	-64.07
MW - 40	*02/22/10*		-	64.09	0.00	-64.09
MW - 40	05/06/10		-	64.07	0.00	-64.07
MW - 40	05/13/10		-	64.06	0.00	-64.06
MW - 40	*05/19/10*		-	64.09	0.00	-64.09
MW - 40	*06/04/10*		-	64.12	0.00	-64.12
MW - 40	*08/26/10*		-	64.14	0.00	-64.14
MW - 40	*11/30/10*		-	64.09	0.00	-64.09

** Complete Historical Data Tables are presented on the attached CD.*

TABLE 2
CONCENTRATIONS OF BTEX IN GROUNDWATER

TNM - SPS 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY LIMIT		0.010	0.75	0.75	0.62	
MW - 1	02/22/10	Not Sampled Due to PSH in Well				
MW - 1	06/03/10	Not Sampled Due to PSH in Well				
MW - 1	08/26/10	Not Sampled Due to PSH in Well				
MW - 1	11/30/10	Not Sampled Due to PSH in Well				
MW - 2	02/22/10	Not Sampled on Current Sample Schedule				
MW - 2	06/03/10	Not Sampled on Current Sample Schedule				
MW - 2	08/26/10	Not Sampled on Current Sample Schedule				
MW - 2	11/30/10	<0.001	<0.001	<0.001	<0.001	
MW - 3	02/22/10	Not Sampled on Current Sample Schedule				
MW - 3	06/03/10	Not Sampled on Current Sample Schedule				
MW - 3	08/26/10	Not Sampled on Current Sample Schedule				
MW - 3	11/30/10	<0.001	<0.001	<0.001	<0.001	
MW - 4	02/22/10	Not Sampled Due to PSH in Well				
MW - 4	06/03/10	Not Sampled Due to PSH in Well				
MW - 4	08/26/10	Not Sampled Due to PSH in Well				
MW - 4	11/30/10	Not Sampled Due to PSH in Well				
MW - 6	02/22/10	<0.001	<0.001	<0.001	<0.001	
MW - 6	06/03/10	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/26/10	<0.001	<0.001	<0.001	<0.001	
MW - 6	11/30/10	<0.001	<0.001	<0.001	<0.001	
MW - 7	02/22/10	Not Sampled Due to PSH in Well				
MW - 7	06/03/10	Not Sampled Due to PSH in Well				
MW - 7	08/26/10	Not Sampled Due to PSH in Well				
MW - 7	11/30/10	Not Sampled Due to PSH in Well				
MW - 9	02/22/10	**0.1670**	<0.005	0.306	0.277	
MW - 9	06/03/10	**0.2230**	<0.005	0.0367	<0.005	
MW - 9	08/26/10	**0.0989**	<0.001	0.0059	<0.001	
MW - 9	11/30/10	**0.0408**	<0.001	<0.001	<0.001	
MW - 10	02/22/10	<0.001	<0.001	<0.001	<0.001	
MW - 10	06/03/10	<0.001	<0.001	<0.001	<0.001	
MW - 10	08/26/10	<0.001	<0.001	<0.001	<0.001	
MW - 10	11/30/10	<0.001	<0.001	<0.001	<0.001	

TABLE 2
CONCENTRATIONS OF BTEX IN GROUNDWATER

TNM - SPS 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140
All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY LIMIT		**0.010**	**0.75**	**0.75**	**0.62**	
MW - 11	02/22/10	**3.240**	<0.050	0.66	<0.050	
MW - 11	06/03/10	**3.470**	<0.050	0.676	<0.050	
MW - 11	08/26/10	**4.420**	<0.050	0.654	0.153	
MW - 11	11/30/10	**4.570**	<0.050	**1.01**	0.51	
MW - 12	02/22/10	<0.001	<0.001	<0.001	<0.001	
MW - 12	06/03/10	<0.001	<0.001	<0.001	<0.001	
MW - 12	08/26/10	<0.001	<0.001	0.0096	<0.001	
MW - 12	11/30/10	<0.001	<0.001	<0.001	<0.001	
MW - 13	02/22/10	Not Sampled on Current Sample Schedule				
MW - 13	06/03/10	Not Sampled on Current Sample Schedule				
MW - 13	08/26/10	Not Sampled on Current Sample Schedule				
MW - 13	11/30/10	<0.001	<0.001	<0.001	<0.001	
MW - 14	02/22/10	**5.560**	<0.050	0.224	<0.050	
MW - 14	06/03/10	**5.380**	<0.050	0.159	<0.050	
MW - 14	08/26/10	**6.140**	<0.050	<0.050	<0.050	
MW - 14	11/30/10	**6.460**	<0.050	0.362	<0.050	
MW - 15	02/22/10	<0.001	<0.001	<0.001	<0.001	
MW - 15	06/03/10	0.0021	<0.001	<0.001	<0.001	
MW - 15	08/26/10	0.0034	<0.001	<0.001	<0.001	
MW - 15	11/30/10	<0.001	<0.001	<0.001	<0.001	
MW - 16	02/22/10	**0.0283**	0.324	0.0068	0.0125	
MW - 16	06/03/10	0.0053	0.0065	<0.001	0.0031	
MW - 16	08/26/10	0.0035	0.0018	<0.001	<0.001	
MW - 16	11/30/10	0.0076	0.0097	0.0038	0.0091	
MW - 17	02/22/10	**0.0143**	<0.001	<0.001	0.0056	
MW - 17	06/03/10	0.0062	0.0019	<0.001	<0.001	
MW - 17	08/26/10	0.0036	0.0011	<0.001	0.0017	
MW - 17	11/30/10	<0.001	<0.001	<0.001	<0.001	
MW - 18	02/22/10	Not Sampled on Current Sample Schedule				
MW - 18	06/03/10	<0.001	<0.001	<0.001	<0.001	
MW - 18	08/26/10	Not Sampled on Current Sample Schedule				
MW - 18	11/30/10	<0.001	<0.001	<0.001	<0.001	

TABLE 2
CONCENTRATIONS OF BTEX IN GROUNDWATER

TNM - SPS 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY LIMIT		0.010	0.75	0.75	0.62	
MW - 19	02/22/10	Not Sampled on Current Sample Schedule				
MW - 19	06/03/10	Not Sampled on Current Sample Schedule				
MW - 19	08/26/10	Not Sampled on Current Sample Schedule				
MW - 19	11/30/10	<0.001	<0.001	<0.001	<0.001	
MW - 21	02/22/10	Not Sampled on Current Sample Schedule				
MW - 21	06/03/10	Not Sampled on Current Sample Schedule				
MW - 21	08/26/10	Not Sampled on Current Sample Schedule				
MW - 21	11/30/10	<0.001	<0.001	<0.001	<0.001	
MW - 23	02/22/10	<0.001	<0.001	<0.001	<0.001	
MW - 23	06/03/10	<0.001	<0.001	<0.001	<0.001	
MW - 23	08/26/10	<0.001	<0.001	<0.001	<0.001	
MW - 23	11/30/10	<0.001	<0.001	<0.001	<0.001	
MW - 24	02/22/10	0.0031	0.0051	0.0054	0.009	
MW - 24	06/03/10	0.0034	0.0033	0.0057	0.0047	
MW - 24	08/26/10	<0.001	<0.001	<0.001	<0.001	
MW - 24	11/30/10	<0.001	<0.001	<0.001	<0.001	
MW - 25	02/22/10	Not Sampled on Current Sample Schedule				
MW - 25	06/03/10	Not Sampled on Current Sample Schedule				
MW - 25	08/26/10	Not Sampled on Current Sample Schedule				
MW - 25	11/30/10	<0.001	<0.001	<0.001	<0.001	
MW - 26	02/22/10	**0.3280**	0.0917	0.0656	0.0603	
MW - 26	06/03/10	**0.4020**	0.0587	0.0504	0.0296	
MW - 26	08/26/10	**0.1090**	0.0315	<0.001	0.0195	
MW - 26	11/30/10	**0.2660**	0.0136	0.0241	0.0163	
MW - 28	02/22/10	**0.7790**	0.0383	**0.800**	0.112	
MW - 28	06/03/10	**0.4420**	<0.001	0.0241	<0.001	
MW - 28	08/26/10	**0.9720**	<0.010	0.0246	0.0108	
MW - 28	11/30/10	**1.0100**	<0.010	0.112	<0.010	
MW - 29	02/22/10	**0.854**	<0.010	0.152	<0.010	
MW - 29	06/03/10	**0.812**	<0.010	0.134	<0.010	
MW - 29	08/26/10	**0.743**	<0.010	0.102	<0.010	
MW - 29	11/30/10	**0.556**	<0.010	0.112	<0.010	

TABLE 2
CONCENTRATIONS OF BTEX IN GROUNDWATER

TNM - SPS 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140
All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY LIMIT		0.010	0.75	0.75	0.62	
MW - 30	02/22/10	Not Sampled on Current Sample Schedule				
MW - 30	06/03/10	Not Sampled on Current Sample Schedule				
MW - 30	08/26/10	Not Sampled on Current Sample Schedule				
MW - 30	11/30/10	<0.001	<0.001	<0.001	<0.001	
MW - 31	02/22/10	Not Sampled on Current Sample Schedule				
MW - 31	06/03/10	Not Sampled on Current Sample Schedule				
MW - 31	08/26/10	Not Sampled on Current Sample Schedule				
MW - 31	11/30/10	<0.001	<0.001	<0.001	<0.001	
MW - 32	02/22/10	**1.580**	<0.010	0.0562	**0.681**	
MW - 32	06/03/10	**1.170**	0.025	0.0322	0.0391	
MW - 32	08/26/10	**0.960**	<0.010	<0.010	<0.010	
MW - 32	11/30/10	**1.120**	<0.010	0.0431	<0.010	
MW - 33	02/22/10	<0.001	<0.001	<0.001	<0.001	
MW - 33	06/03/10	<0.001	<0.001	<0.001	<0.001	
MW - 33	08/26/10	<0.001	<0.001	<0.001	<0.001	
MW - 33	11/30/10	<0.001	<0.001	<0.001	<0.001	
MW - 34	02/22/10	<0.001	<0.001	<0.001	<0.001	
MW - 34	06/03/10	<0.001	<0.001	<0.001	<0.001	
MW - 34	08/26/10	<0.001	<0.001	<0.001	<0.001	
MW - 34	11/30/10	<0.001	<0.001	<0.001	<0.001	
MW - 35	02/22/10	**0.0104**	<0.001	0.0044	0.0194	
MW - 35	06/03/10	0.0079	<0.001	<0.001	0.0067	
MW - 35	08/26/10	0.0011	<0.001	<0.001	0.0014	
MW - 35	11/30/10	0.0044	<0.001	<0.001	0.010	
MW - 36	02/22/10	**0.0769**	<0.001	<0.001	<0.001	
MW - 36	06/03/10	**0.0545**	<0.001	<0.001	<0.001	
MW - 36	08/26/10	**0.0283**	<0.001	<0.001	<0.001	
MW - 36	11/30/10	0.0064	<0.001	<0.001	<0.001	
MW - 37	02/22/10	<0.001	<0.001	<0.001	<0.001	
MW - 37	06/03/10	<0.001	<0.001	<0.001	<0.001	
MW - 37	08/26/10	<0.001	<0.001	<0.001	<0.001	
MW - 37	11/30/10	<0.001	<0.001	<0.001	<0.001	

TABLE 2
CONCENTRATIONS OF BTEX IN GROUNDWATER

TNM - SPS 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY LIMIT		0.010	0.75	0.75	0.62	
MW - 38	02/22/10	<0.001	<0.001	<0.001	<0.001	
MW - 38	06/03/10	<0.001	<0.001	<0.001	<0.001	
MW - 38	08/26/10	<0.001	<0.001	<0.001	<0.001	
MW - 38	11/30/10	<0.001	<0.001	<0.001	<0.001	
MW - 39	02/22/10	<0.001	<0.001	<0.001	<0.001	
MW - 39	06/03/10	<0.001	<0.001	<0.001	<0.001	
MW - 39	08/26/10	<0.001	<0.001	<0.001	<0.001	
MW - 39	11/30/10	<0.001	<0.001	<0.001	<0.001	
MW - 40	02/22/10	**0.1470**	<0.001	<0.001	<0.001	
MW - 40	06/03/10	Not Sampled.				
MW - 40	08/26/10	Not Sampled.				
MW - 40	11/30/10	<0.001	<0.001	<0.001	<0.001	

** Complete Historical Data Tables are presented on the attached CD.*

TABLE 3

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM SPS-11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																	
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		–	–	–	0.0001 mg/L	0.0007 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-1	12/11/08	Not Sampled Due to Insufficient Water Volume																		
	12/10/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.0105	<0.000184	0.0155	<0.000184	**0.0744**	**0.140**	**0.130**	0.0111
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
	12/09/09	<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
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	12/11/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
	12/09/09	<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
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4	12/11/08	Not Sampled Due to Insufficient Water Volume																		
	12/10/09	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	0.0766	<0.00183	**0.226**	**0.616**	**0.578**	0.0478
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	12/11/08	<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	0.000207	<0.000184	<0.000184	<0.000184
	12/09/09	<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
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	12/11/08	<0.000917	<0.000917	0.00181	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	0.0188	<0.000917	0.0287	<0.000917	**0.109**	**0.232**	**0.197**	0.0205
	12/10/09	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	0.461	<0.00463	**1.27**	**3.48**	**3.24**	0.284
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-9	12/11/08	<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	0.000278	0.000431	<0.000184	0.000624
	12/10/09	<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	0.00149	0.0013	0.00042	0.000837
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	12/11/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
	12/10/09	<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
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 3

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM SPS-11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		–	–	–	0.0001 mg/L	0.0007 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-11	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.000386	<0.000183	0.00228	0.00306	0.000266	0.00105
	12/10/09	<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	0.00621	0.00664	0.00103	0.00103
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	12/11/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
	12/09/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-13	12/11/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
	12/09/09	<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
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-14	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.00138	<0.000183	0.00105	<0.000183	**0.0374**	**0.0259**	**0.0207**	0.00177
	12/10/09	<0.000184	<0.000184	0.00103	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00101	<0.000184	0.00746	0.0121	0.00844	0.00113
	11/30/10	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.0116	<0.000184	0.000769	<0.000184	**0.0313**	**0.0206**	**0.0165**	0.00132
MW-15	12/11/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
	12/09/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	12/11/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
	12/10/09	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-17	12/11/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
	12/10/09	<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
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-18	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
	12/09/09	<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
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 3

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM SPS-11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		—	—	—	0.0001 mg/L	0.0007 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-19	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
	12/09/09	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-21	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
	12/09/09	<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
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	12/11/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
	12/09/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	12/11/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
	12/09/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
	12/09/09	<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
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-26	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.00106	0.000552	0.000224	<0.000183
	12/10/09	<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	0.00128	<0.000184	<0.000184	<0.000184
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-28	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.000215	<0.000183	<0.000183	<0.000183	0.00247	0.00148	0.000516	0.000618
	12/10/09	<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	0.00315	0.00217	0.000988	0.000758
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-29	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.000628	<0.000183	0.000394	<0.000183	0.00944	0.00384	0.00161	0.000995
	12/10/09	<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	0.0136	0.00668	0.00332	0.00125
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 3

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM SPS-11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
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Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		—	—	—	0.0001 mg/L	0.0007 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-30	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
	12/09/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-31	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
	12/09/09	<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
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-32	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.000357	<0.000183	<0.000183	<0.000183	0.000798	0.000604	<0.000183	0.000688
	12/10/09	<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	0.00284	0.00181	<0.000184	0.000877
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-33	12/11/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
	12/09/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-34	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
	12/10/09	<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
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-35	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
	12/10/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-36	12/11/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000315	<0.000184	0.00744	0.0012	0.000186	0.000517
	12/10/09	<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	0.000516	<0.000185	<0.000185	<0.000185
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-37	12/11/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
	12/09/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 3

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM SPS-11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		—	—	—	0.0001 mg/L	0.0007 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-38	12/11/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
	12/09/09	<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
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-39	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
	12/09/09	<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
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-40	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
	12/10/09	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		

Appendices

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

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

OPERATOR

x Initial Report ☐ Final Report

Name of Company	Plains Pipeline, LP	Contact:	Camille Reynolds
Address:	3705 E. Hwy 158, Midland, TX 79706	Telephone No.	505-441-0965
Facility Name	SPS #11	Facility Type:	Pipeline

Surface Owner:	Mineral Owner	Lease No.
New Mexico State Land Office		

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
F	18	18S	36E					Lea

Latitude 32 degrees 44' 50.3" **Longitude** 103 degrees 23' 36.5"

NATURE OF RELEASE

Type of Release:	Volume of Release:	Volume Recovered
Source of Release:	Date and Hour of Occurrence Unknown	Date and Hour of Discovery
Was Immediate Notice Given? Yes ☐ No ☐ Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
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.*

Describe Area Affected and Cleanup Action Taken.*
NOTE: Texas-New Mexico Pipeline was the owner/operator of the pipeline system at the time of the release, initial response information is unavailable .

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature:	OIL CONSERVATION DIVISION	
Printed Name: Camille Reynolds	Approved by District Supervisor:	
Title: Remediation Coordinator	Approval Date:	Expiration Date:
E-mail Address: cjreynolds@paalp.com	Conditions of Approval:	Attached ☐
Date: 3/21/2005 Phone: (505)441-0965		

* Attach Additional Sheets If Necessary