

GW - 140

MONITORING REPORTS

DATE:

2009



**2009
ANNUAL MONITORING REPORT**

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Environmental Bureau
Oil Conservation Division

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

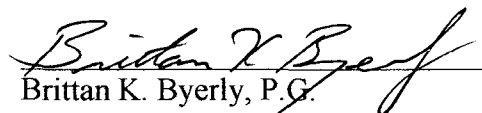


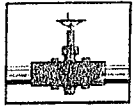
PREPARED BY:

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March 2010


Ronald K. Rounsaville
Senior Project Manager


Brittan K. Byerly, P.G.
President



PLAINS
ALL AMERICAN

March 22, 2010

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

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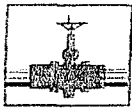
Re: Plains All American – 2009 Annual Monitoring Reports
12 Sites in Lea County, New Mexico

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 |
| SPS-11 | GW-0140 | Section 18, Township 18 South, Range 36 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 |

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.



PLAINS
ALL AMERICAN

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

Sincerely,

Jason Henry
Remediation Coordinator
Plains All American

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MAR 25 2000

Environmental Bureau
Oil Conservation Division

CC: Larry Johnson, NMOCD, Hobbs, NM

Enclosures

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FIGURES

Figure 1 – Site Location Map

Figure 2A – Inferred Groundwater Gradient Map – February 26-27, 2009

2B – Inferred Groundwater Gradient Map – May 21-22, 2009

2C – Inferred Groundwater Gradient Map – August 18, 2009

2D – Inferred Groundwater Gradient Map – December 9-10, 2009

Figure 3A – Groundwater Concentration and Inferred PSH Extent Map – February 26-27, 2009

3B – Groundwater Concentration and Inferred PSH Extent Map – May 22-22, 2009

3C – Groundwater Concentration and Inferred PSH Extent Map – August 18, 2009

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TABLES

Table 1 – 2009 Groundwater Elevation Data

Table 2 – 2009 Concentrations of BTEX and TPH in Groundwater

Table 3 – 2009 Concentrations of PAH in Groundwater

APPENDICES

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

ENCLOSED ON DATA DISK

2009 Annual Monitoring Report

2009 Tables 1, 2 and 3 – Groundwater Elevation, BTEX, TPH and PAH Concentration Data

2009 Figures 1, 2A-2D, and 3A-3D

Electronic Copies of Laboratory Reports

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

INTRODUCTION

On behalf of Plains Marketing, L.P. (Plains), NOVA Safety and Environmental (NOVA) is pleased to submit this Annual Monitoring Report in compliance with the New Mexico Oil Conservation Division (NMOCD) letter of May 1998 requiring submittal of an Annual Monitoring Report by April 1 of each year. Beginning on May 29, 2004, project management responsibilities were assumed by NOVA. The TNM 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 2009 only. However, historical data tables as well as 2009 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 2009 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 sampled during the 4th quarter of 2009, as per a NMOCD directive.

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, MW-7 and former producing well PW-2. The maximum thickness of PSH in the monitor or producing wells was 2.80 feet as recorded in monitor well MW-4 on January 2, 2009. The average thickness of PSH in monitor wells exhibiting PSH and the out-of-service producing well is 1.03 feet. PSH data for the 2009 gauging events can be found in Table 1. PSH recovery is performed on a weekly schedule by manual recovery methods.

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 26-27, May 21-22, August 18, and December 9-10, 2009. 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 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 2009, are depicted on Figures 2A through 2D, the Inferred Groundwater Gradient Maps. Groundwater elevation data for 2009 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 0.003 feet/foot to the southeast as measured between monitor wells MW-12 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 3,792.67 and 3,805.72 feet above mean sea level, in monitor well MW-38 on May 21, 2009 and in monitor well MW-14 on January 8, 2009, respectively. PSH data for the 2009 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 first three quarters of 2009.

Groundwater samples obtained during the quarterly sampling events of 2009 were delivered to TraceAnalysis, Inc. in Midland, Texas for determination of Benzene, Toluene, Ethylbenzene and Xylene (BTEX) constituent concentrations by EPA Method 8021B, and Polynuclear Aromatic Hydrocarbons (PAH) concentrations by EPA Method 8270C. Monitoring wells containing measurable amounts of PSH were analyzed for Total Petroleum Hydrocarbons (TPH) concentrations by EPA Method 8015M. A listing of BTEX and TPH constituent concentrations for 2009 are summarized in Table 2 and the PAH constituent concentrations for 2009 are

summarized in Table 3. Copies of the laboratory reports generated for 2009 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 during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-9 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.0551 mg/L during the 4th quarter to 0.2070 mg/L during the 3rd quarter of 2009. 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 <0.005 mg/L during the 2nd quarter to 0.0113 mg/L during the 4th quarter of 2009. Ethyl-benzene concentrations were below 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 MDLs for naphthalene (0.00149 mg/L), 1-methylnaphthalene (0.0013 mg/L), 2-methylnaphthalene (0.00042 mg/L) and dibenzofuran (0.000837 mg/L), which are below WQCC standards.

Monitor well MW-12 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 2nd, 3rd and 4th quarters to 0.0111 mg/L during the 1st quarter of 2009. 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 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, 3rd and 4th quarters to 0.0237 mg/L during the 1st quarter of 2009. Xylene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

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-three consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-14 is sampled on a quarterly schedule and was inadvertently not sampled during the 1st quarter sampling event. Analytical results indicate benzene concentrations ranged

from 3.500 mg/L during the 3rd quarter to 5.400 mg/L during the 4th quarter of 2009. Benzene concentrations were above NMOCD regulatory standards during the 2nd, 3rd and 4th quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory standards during the 2nd, 3rd and 4th quarters of the reporting period. Ethyl-benzene concentrations ranged from 0.236 mg/L during the 3rd quarter to 0.286 mg/L during the 2nd quarter of 2009. Ethyl-benzene concentrations were below the NMOCD regulatory standards during the 2nd, 3rd and 4th quarters of the reporting period. Xylene concentrations were below the MDL and NMOCD regulatory standards during the 2nd, 3rd and 4th quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above MDLs for naphthalene (0.00746 mg/L), 1-methylnaphthalene (0.0121 mg/L), 2-methylnaphthalene (0.00844 mg/L), anthracene (0.00103 mg/L), phenanthrene (0.00101 mg/L) and dibenzofuran (0.00113 mg/L), which are below WQCC standards.

Monitor well MW-15 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 thirty-two consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-16 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.0033 mg/L during the 4th quarter to 0.0481 mg/L during the 1st quarter of 2009. Benzene concentrations were above NMOCD regulatory standards during the 1st and 2nd quarters of the reporting period. Toluene concentrations ranged from 0.0022 mg/L during the 4th quarter to 0.0666 mg/L during the 1st quarter of 2009. 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 0.018 mg/L during the 1st quarter of 2009. 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 4th quarter to 0.0379 mg/L during the 1st quarter of 2009. Xylene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

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-two consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-24 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 4th quarter to 0.0178 mg/L during the 1st quarter of 2009. 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 4th quarter to 0.0282 mg/L during the 1st quarter of 2009. 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 4th quarter to 0.0262 mg/L during the 1st quarter of 2009. 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 4th quarter to 0.0448 mg/L during the 1st quarter of 2009. Xylene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

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-seven consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Area 2 Wells

Monitor well MW-1 is monitored on a quarterly schedule. Monitor well MW-1 was not sampled during the 1st, 2nd and 3rd quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 0.71 feet, 0.43 feet and 0.74 feet were reported during the 1st, 2nd and 3rd quarters of 2009, respectively. Benzene concentrations were above the NMOCD regulatory standard during the 4th quarter of the reporting period with a concentration of 2.690 mg/L. Toluene concentrations were below NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 0.578 mg/L. Ethyl-benzene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 1.28 mg/L. Xylene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 1.26 mg/L. Analytical results indicated a total TPH result of 56.9 mg/L. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for naphthalene (0.0744 mg/L), 1-methylnaphthalene (0.140 mg/L) and 2-methylnaphthalene (0.130 mg/L). Additional PAH constituents detected above MDLs include fluorene (0.0105 mg/L), phenanthrene (0.0155 mg/L) and dibenzofuran (0.0111 mg/L), which are below WQCC standards.

Monitor well MW-2 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below laboratory method detection limits (MDL) and NMOCD regulatory standards of 0.01 mg/L for benzene, 0.75 mg/L for toluene, 0.75 mg/L for ethylbenzene and 0.62 for xylene during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below regulatory standards for the last twenty-seven consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

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-three consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-4 is monitored on a quarterly schedule. Monitor well MW-4 was not sampled during the 1st, 2nd and 3rd quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 2.00 feet, 1.05 feet and 2.25 feet were reported during the 1st, 2nd and 3rd quarters of 2009, respectively. Benzene concentrations were above the NMOCD regulatory standard during the 4th quarter of the reporting period with a concentration of 1.110 mg/L. Toluene concentrations were below NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 0.272 mg/L. Ethyl-benzene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 1.670 mg/L. Xylene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 1.970 mg/L. Analytical results indicated a total TPH result of 280.0 mg/L. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for naphthalene (0.226 mg/L), 1-methylnaphthalene (0.616 mg/L) and 2-methylnaphthalene (0.578 mg/L). Additional PAH constituents detected above MDLs include phenanthrene (0.0766 mg/L) and dibenzofuran (0.0478 mg/L), which are below WQCC standards.

Monitor well MW-7 is monitored on a quarterly schedule. Monitor well MW-7 was not sampled during the 1st, 2nd and 3rd quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 0.76 feet, 0.45 feet and 0.63 feet were reported during the 1st, 2nd and 3rd quarters of 2009, respectively. Benzene concentrations were above the NMOCD regulatory standard during the 4th quarter of the reporting period with a concentration of 2.470 mg/L. Toluene concentrations were below NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 0.681 mg/L. Ethyl-benzene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 2.11 mg/L. Xylene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 1.480 mg/L. Analytical results indicated a total TPH result of 173.4 mg/L. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for naphthalene (1.27 mg/L), 1-methylnaphthalene (3.48 mg/L) and 2-methylnaphthalene (3.24 mg/L). Additional PAH constituents detected above MDLs include phenanthrene (0.461 mg/L) and dibenzofuran (0.284 mg/L), which are below WQCC standards.

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. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-11 is sampled on a quarterly schedule and was inadvertently not sampled during the 1st quarter sampling event. Analytical results indicate benzene concentrations ranged from 2.450 mg/L during the 2nd quarter to 3.430 mg/L during the 4th quarter of 2009. Benzene concentrations were above NMOCD regulatory standards during the 2nd, 3rd and 4th quarters of

the reporting period. Toluene concentrations were below the NMOCD regulatory standards during the 2nd, 3rd and 4th quarters of the reporting period. Ethyl-benzene concentrations ranged from 0.499 mg/L during the 2nd quarter to 0.665 mg/L during the 4th quarter of 2009. Ethyl-benzene concentrations were below the NMOCD regulatory standards during the 2nd, 3rd and 4th quarters of the reporting period. Xylene concentrations ranged from <0.050 mg/L during the 4th quarter to 0.342 mg/L during the 3rd quarter of 2009. Xylene concentrations were below NMOCD regulatory standards during the 2nd, 3rd and 4th quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above MDLs for naphthalene (0.00621 mg/L), 1-methylnaphthalene (0.00664 mg/L), 2-methylnaphthalene (0.00103 mg/L) and dibenzofuran (0.00103 mg/L), which are below WQCC standards.

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 thirty-eight consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

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-six consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

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-seven consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

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 nine consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Area 3 Wells

Monitor well MW-17 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.0015 mg/L during the 4th quarter to 0.0173 mg/L during the 1st quarter of 2009. 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 2nd, 3rd and 4th quarters to 0.0119 mg/L during the 1st quarter of 2009. Toluene concentrations

were below NMOCD regulatory standards during all four quarters of the reporting period. Ethylbenzene concentrations ranged from <0.001 mg/L during the 2nd, 3rd and 4th quarters to 0.0092 mg/L during the 1st quarter of 2009. Ethylbenzene 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 2nd and 4th quarters to 0.0258 mg/L during the 1st quarter of 2009. Xylene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-26 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.3680 mg/L during the 2nd quarter to 0.5030 mg/L during the 1st quarter of 2009. Benzene concentrations were above NMOCD regulatory standards all four quarters of the reporting period. Toluene concentrations ranged from 0.0310 mg/L during the 4th quarter to 0.231 mg/L during the 1st quarter of 2009. Toluene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0408 mg/L during the 4th quarter to 0.148 mg/L during the 1st quarter of 2009. Ethylbenzene 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 quarter to 0.178 mg/L during the 1st quarter of 2009. Xylene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above MDLs for naphthalene (0.00128 mg/L), which is below WQCC standards.

Monitor well MW-28 is sampled on a quarterly schedule and was inadvertently not sampled during the 1st quarter sampling event. Analytical results indicate benzene concentrations ranged from 0.8950 mg/L during the 4th quarter to 1.250 mg/L during the 1st quarter of 2009. Benzene concentrations were above NMOCD regulatory standards during the 2nd, 3rd and 4th quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory standards during the 2nd, 3rd and 4th quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0639 mg/L during the 4th quarter to 0.158 mg/L during the 2nd quarter of 2009. Ethylbenzene concentrations were below the NMOCD regulatory standards during the 2nd, 3rd and 4th quarters of the reporting period. Xylene concentrations were below the MDL and NMOCD regulatory standards during the 2nd, 3rd and 4th quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above MDLs for naphthalene (0.00315 mg/L), 1-methylnaphthalene (0.00217 mg/L), 2-methylnaphthalene (0.000988 mg/L) and dibenzofuran (0.000758 mg/L), which are below WQCC standards.

Monitor well MW-29 is sampled on a quarterly schedule and was inadvertently not sampled during the 1st quarter sampling event. Analytical results indicate benzene concentrations ranged from 1.000 mg/L during the 4th quarter to 1.180 mg/L during the 3rd quarter of 2009. Benzene concentrations were above NMOCD regulatory standards during the 2nd, 3rd and 4th quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory standards during the 2nd, 3rd and 4th quarters of the reporting period. Ethylbenzene concentrations ranged from 0.236 mg/L during the 4th quarter to 0.316 mg/L during the 3rd quarter of 2009. Ethylbenzene concentrations were below the NMOCD regulatory standards

during the 2nd, 3rd and 4th 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 2009. Xylene concentrations were below the NMOCD regulatory standards during the 2nd, 3rd and 4th quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above MDLs for naphthalene (0.0136 mg/L), 1-methylnaphthalene (0.00668 mg/L), 2-methylnaphthalene (0.00332 mg/L) and dibenzofuran (0.00125 mg/L), which are below WQCC standards.

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-seven consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

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-seven consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-32 is sampled on a quarterly schedule and was inadvertently not sampled during the 1st quarter sampling event. Analytical results indicate benzene concentrations ranged from 1.660 mg/L during the 4th quarter to 2.430 mg/L during the 2nd quarter of 2009. Benzene concentrations were above NMOCD regulatory standards the 2nd, 3rd and 4th quarters of the reporting period. Toluene concentrations ranged from <0.010 mg/L during the 3rd quarter to 0.115 mg/L during the 2nd quarter of 2009. Toluene concentrations were below NMOCD regulatory standards during the 2nd, 3rd and 4th quarters of the reporting period. Ethyl-benzene concentrations ranged from 0.0478 mg/L during the 4th quarter to 0.166 mg/L during the 2nd quarter of 2009. Ethyl-benzene concentrations were below the NMOCD regulatory standards during the 2nd, 3rd and 4th quarters of the reporting period. Xylene concentrations ranged from <0.010 mg/L during the 3rd and 4th quarters to 0.257 mg/L during the 2nd quarter of 2009. Xylene concentrations were below NMOCD regulatory standards during the 2nd, 3rd and 4th quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above MDLs for naphthalene (0.00284 mg/L), 1-methylnaphthalene (0.00181 mg/L) and dibenzofuran (0.000877 mg/L), which are below WQCC standards.

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 consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-34 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 4th quarter to 0.4200 mg/L during the 1st quarter of 2009. Benzene concentrations were above NMOCD regulatory standards 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 during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-35 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.0098 mg/L during the 4th quarter to 0.0560 mg/L during the 2nd quarter of 2009. Benzene concentrations were above NMOCD regulatory standards 1st, 2nd and 3rd quarters of the reporting period. Toluene concentrations ranged from <0.001 mg/L during the 3rd and 4th quarters to 0.0126 mg/L during the 1st quarter of 2009. 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 0.0305 mg/L during the 1st quarter of 2009. 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 4th quarter to 0.0711 mg/L during the 1st quarter of 2009. Xylene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-36 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.0305 mg/L during the 4th quarter to 0.2670 mg/L during the 1st quarter of 2009. Benzene concentrations were above 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 for each BTEX constituent during all four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above MDLs for naphthalene (0.000516 mg/L), which is below WQCC standards.

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 fourteen consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-38 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 1st, 2nd and 3rd quarters to 0.0070 mg/L during the 4th quarter of 2009. Benzene concentrations were above 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 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 fourteen

consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-40 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.0795 mg/L during the 4th quarter to 0.2240 mg/L during the 2nd quarter of 2009. Benzene concentrations were above NMOCD regulatory standards during all four quarters of the reporting period. Toluene and ethyl-benzene concentrations were below the MDL and the NMOCD regulatory standard during all four quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 4th quarter to 0.0613 mg/L during the 2nd quarter of 2009. Xylene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

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 2009. 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) in three apparent separate plumes on site. The most recent Groundwater Gradient Map indicates a general gradient of approximately 0.003 feet/foot to the southeast.

Based on gauging data collected during the reporting period, a measurable thickness of PSH was only detected in Area 2 in monitor wells MW-1, MW-4, MW-7 and former producing well PW-2. The maximum thickness of PSH in monitor or producing well was 2.80 feet as recorded in monitor well MW-4 on January 2, 2009. The average thickness of PSH in monitor wells exhibiting PSH and the out-of-service producing well is 1.03 feet. PSH data for the 2009 gauging events can be found in Table 1. PSH recovery is performed on a weekly schedule by manual recovery methods.

Monitor wells MW-1, MW-4 and MW-7 contained measurable PSH and were not sampled during the 1st, 2nd and 3rd quarters of the reporting period. Monitor wells MW-7 contained measurable PSH during the 4th quarter of the reporting period and was sampled as per the NMOCD directive.

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 one monitor well (MW-9), a decreasing trend in two monitor wells (MW-6 and MW-14) and non-detect concentrations in seven monitor wells (MW-12, MW-13, MW-15, MW-16, MW-23, MW-24 and MW-25).

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. Review of PAH analysis indicates an increasing trend in constituent concentrations in four monitor wells (MW-1, MW-4, MW-7 and MW-11), and non-detect concentrations in seven monitor wells (MW-2, MW-3, MW-10, MW-18, MW-19, MW-21 and MW-39).

Review of laboratory analytical results from samples collected from monitor wells within Area 3 indicates BTEX constituent concentrations are below NMOCD regulatory standards in five of the fourteen monitor wells within Area 3. Review of PAH analysis indicates an increasing trend in constituent concentrations in three monitor wells (MW-28, MW-29 and MW-32), a decreasing trend in two monitor wells (MW-26 and MW-36) and non-detect concentrations in nine monitor wells (MW-17, MW-30, MW-31, MW-33, MW-34, MW-35, MW-37, MW-38 and MW-40).

ANTICIPATED ACTIONS

Groundwater monitoring and weekly PSH recovery will continue in 2010. An Annual Monitoring Report will be submitted to the NMOCD before April 1, 2011.

Based on the results of the PAH analysis over the past several years, NOVA recommends that further PAH analysis be conducted only on those monitor wells (MW-1, MW-4, MW-7, MW-9, MW-11, MW-14, MW-26, MW-28, MW-29 and MW-32) which have 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.

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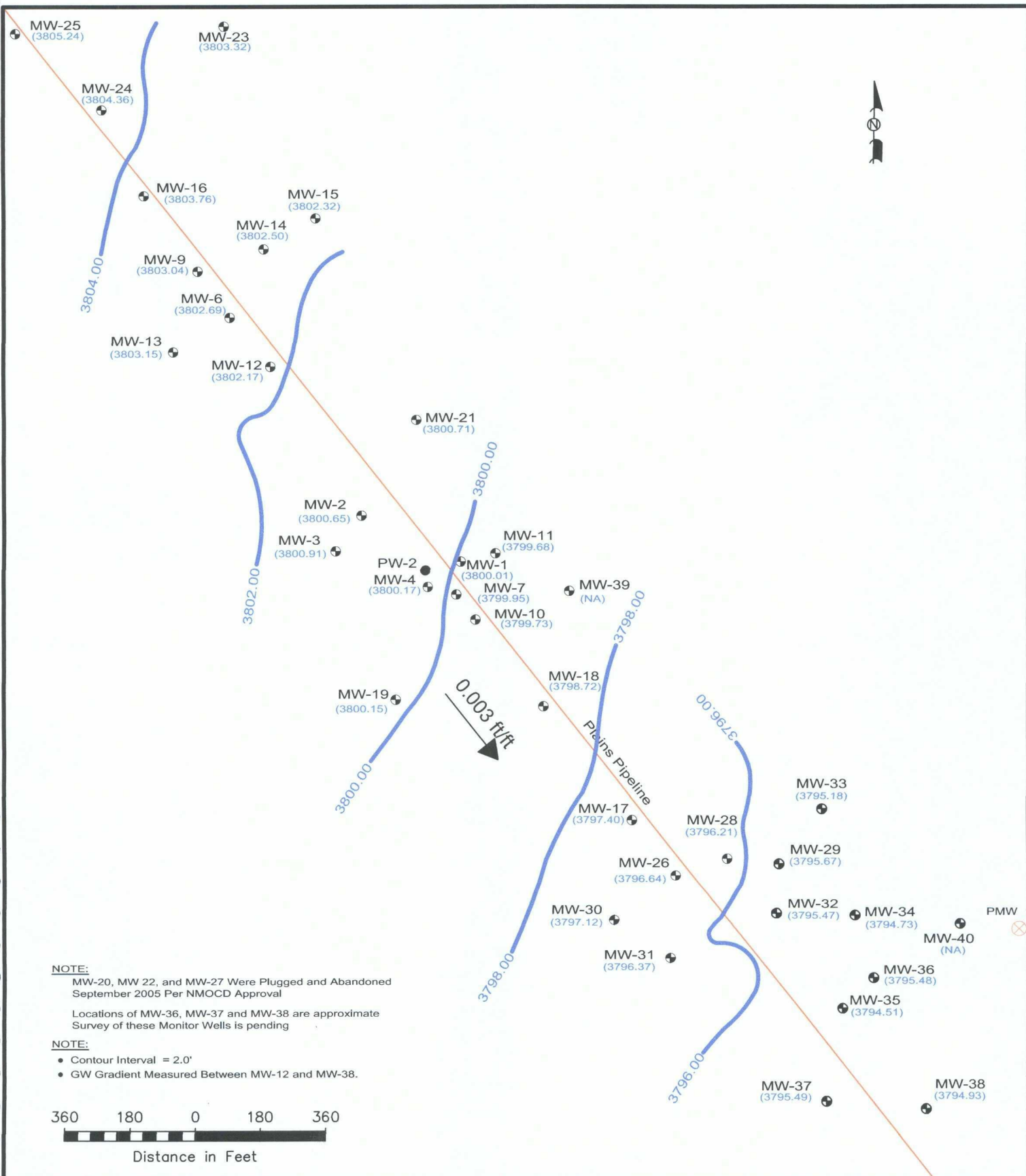
Figures



Figure 1
Site Location Map

Plains Marketing, L.P.
SPS-11
Lea County, NM

NMOCD Reference # GW-0140



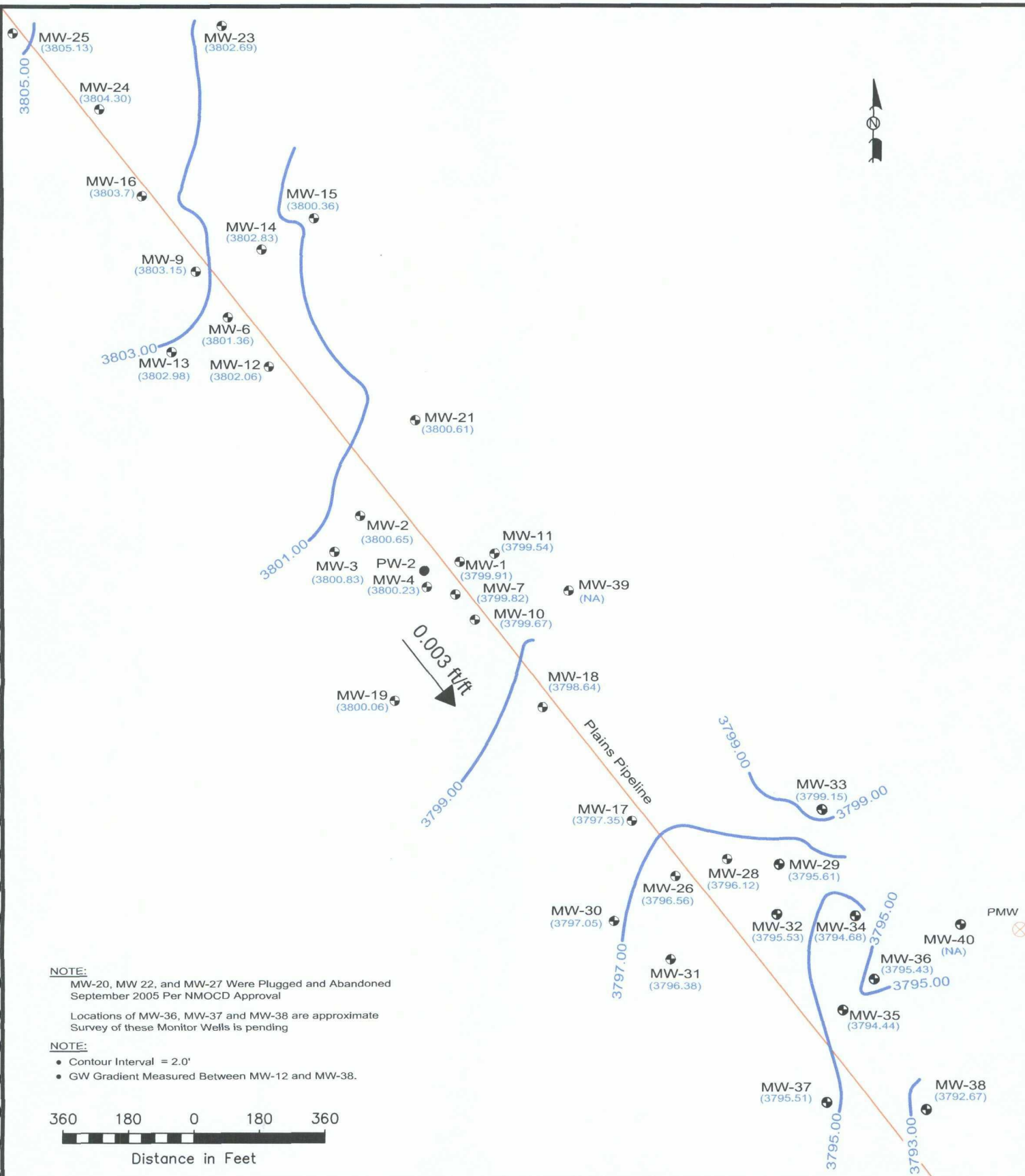
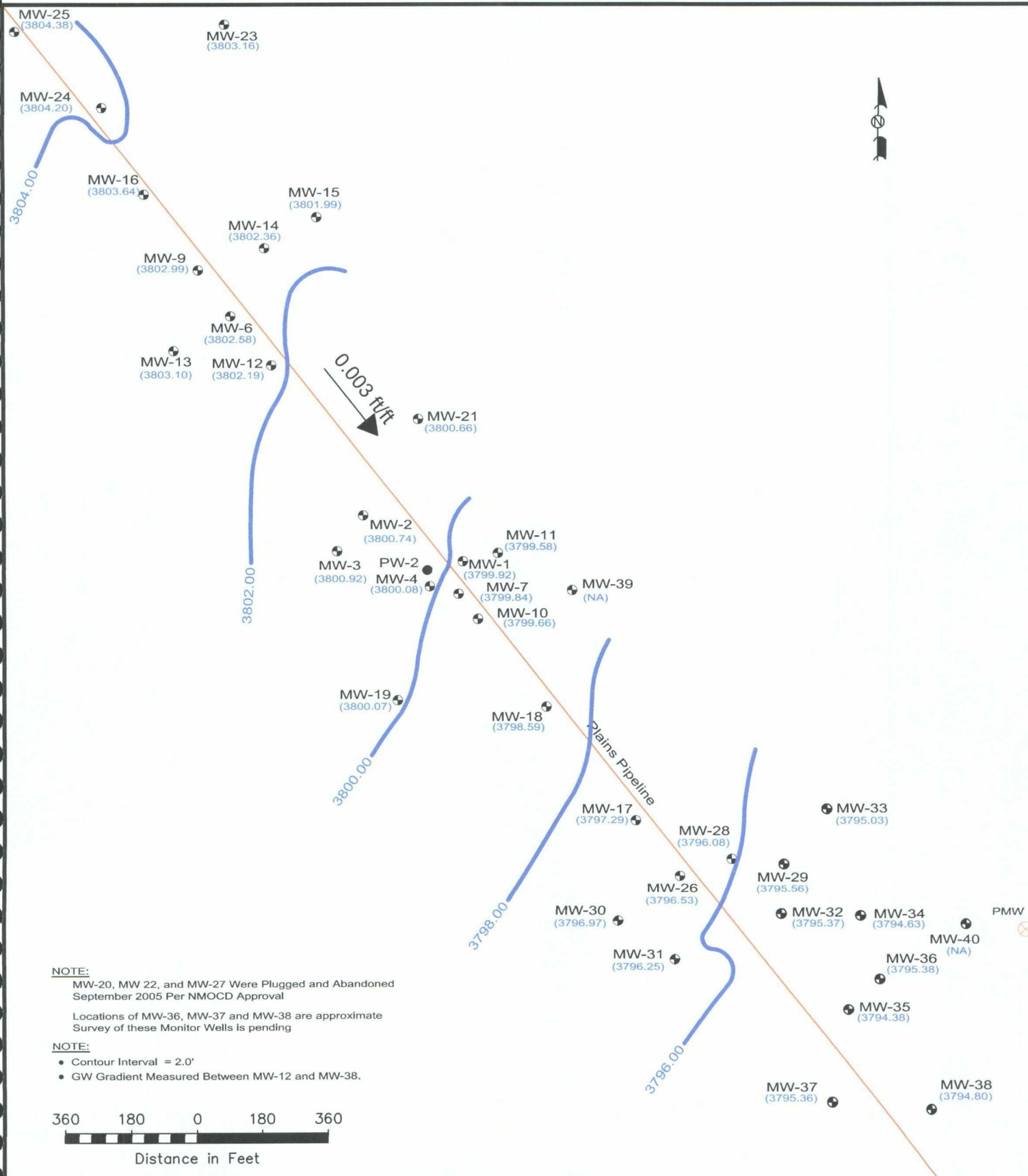


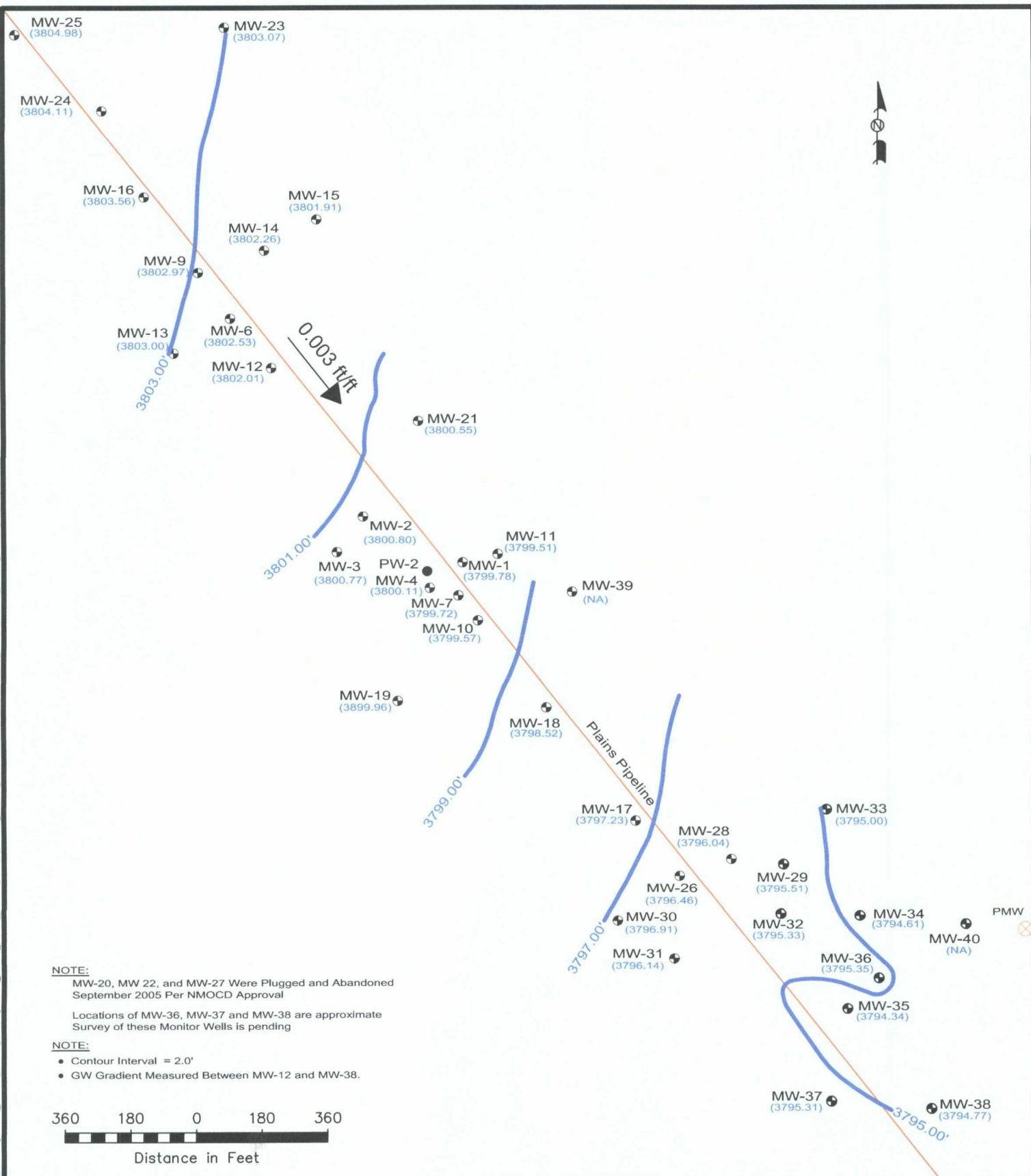
Figure 2B
Inferred Groundwater
Groundwater Gradient Map
(05/21/2009)
Plains Marketing, L.P.
TNM SPS-11
Lea County, NM



2057 Commerce Drive
Midland, Texas 79703
432.520.7720
www.novasafetyandenvironmental.com

| | | |
|------------------|------------------------------|---|
| Scale: 1" = 360' | Drawn By: SAT | Checked By: TJL |
| June 6, 2009 | NW1/4 SE1/4 Sec 18 T18S R36E | Lat. N32° 44' 50.3" Long. W103° 23' 38.5" |





LEGEND:

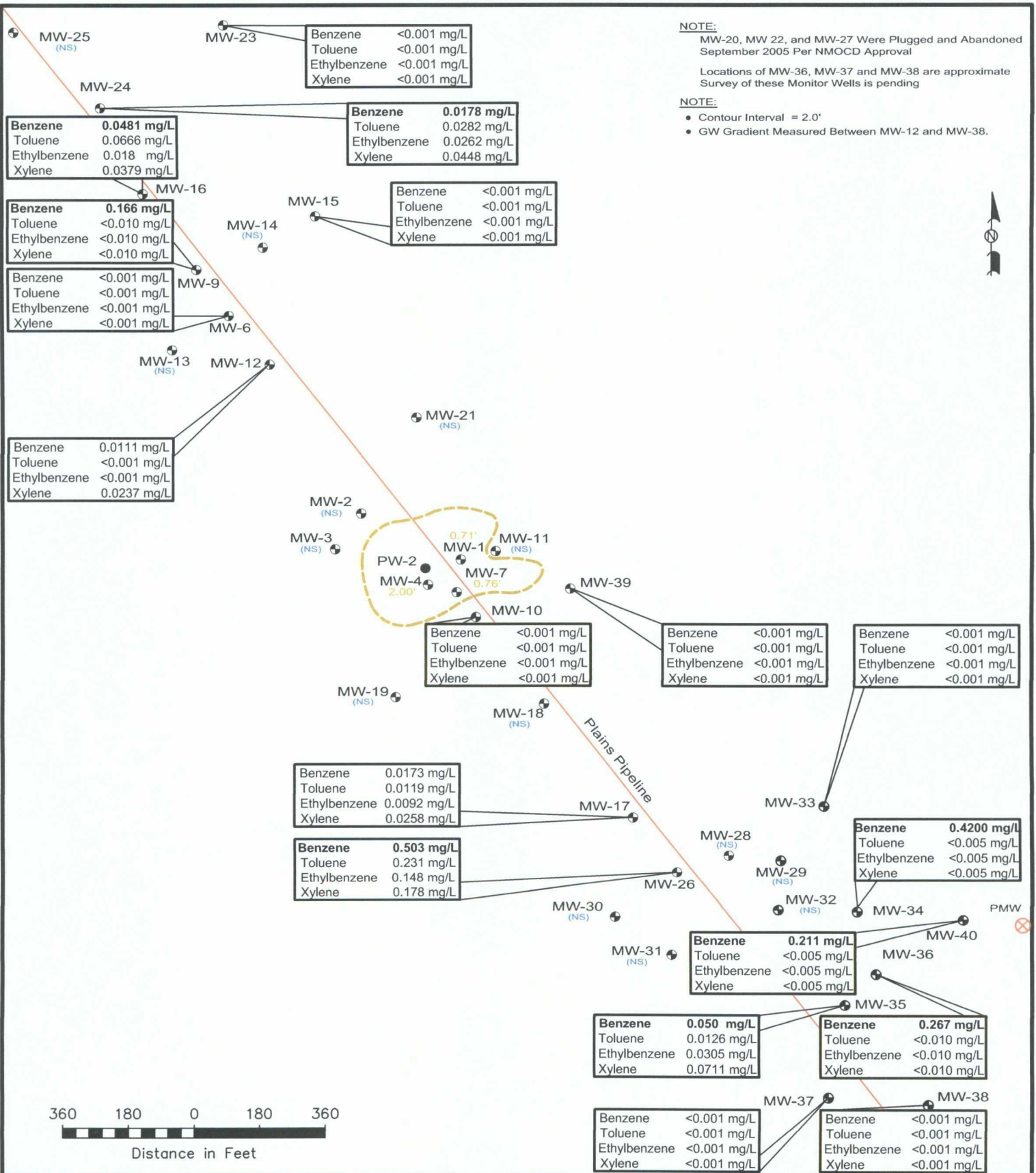
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- Soil Boring Location
- Producing Well Location
- Proposed Monitoring Well Location
- Groundwater Gradient and Magnitude
- Groundwater Gradient Contour Line
- Groundwater Elevation Line

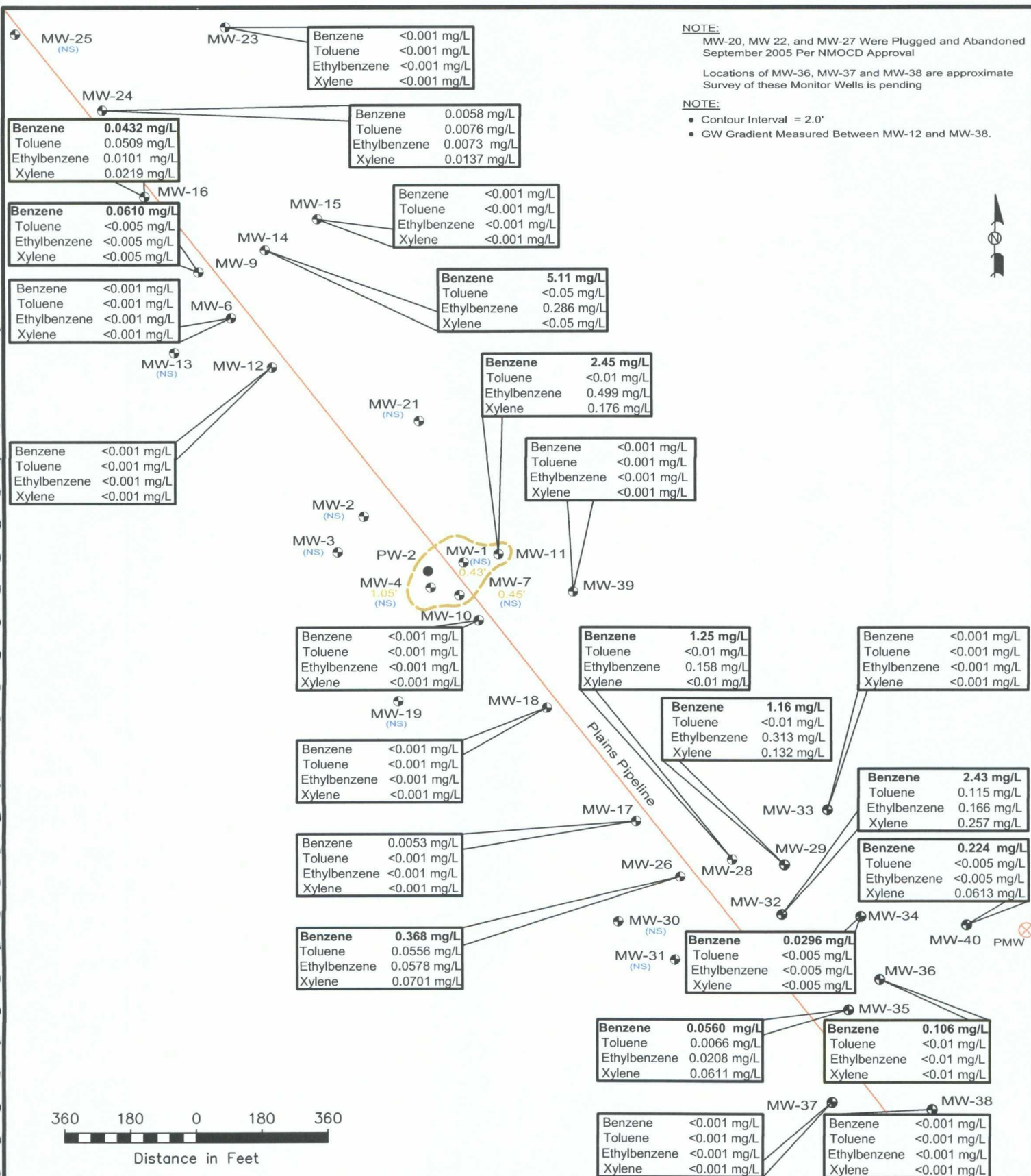
Figure 2D
Inferred Groundwater
Gradient Map
(12/09/09) through (12/10/09)
Plains Marketing, L.P.
TNM SPS-11
Lea County, NM

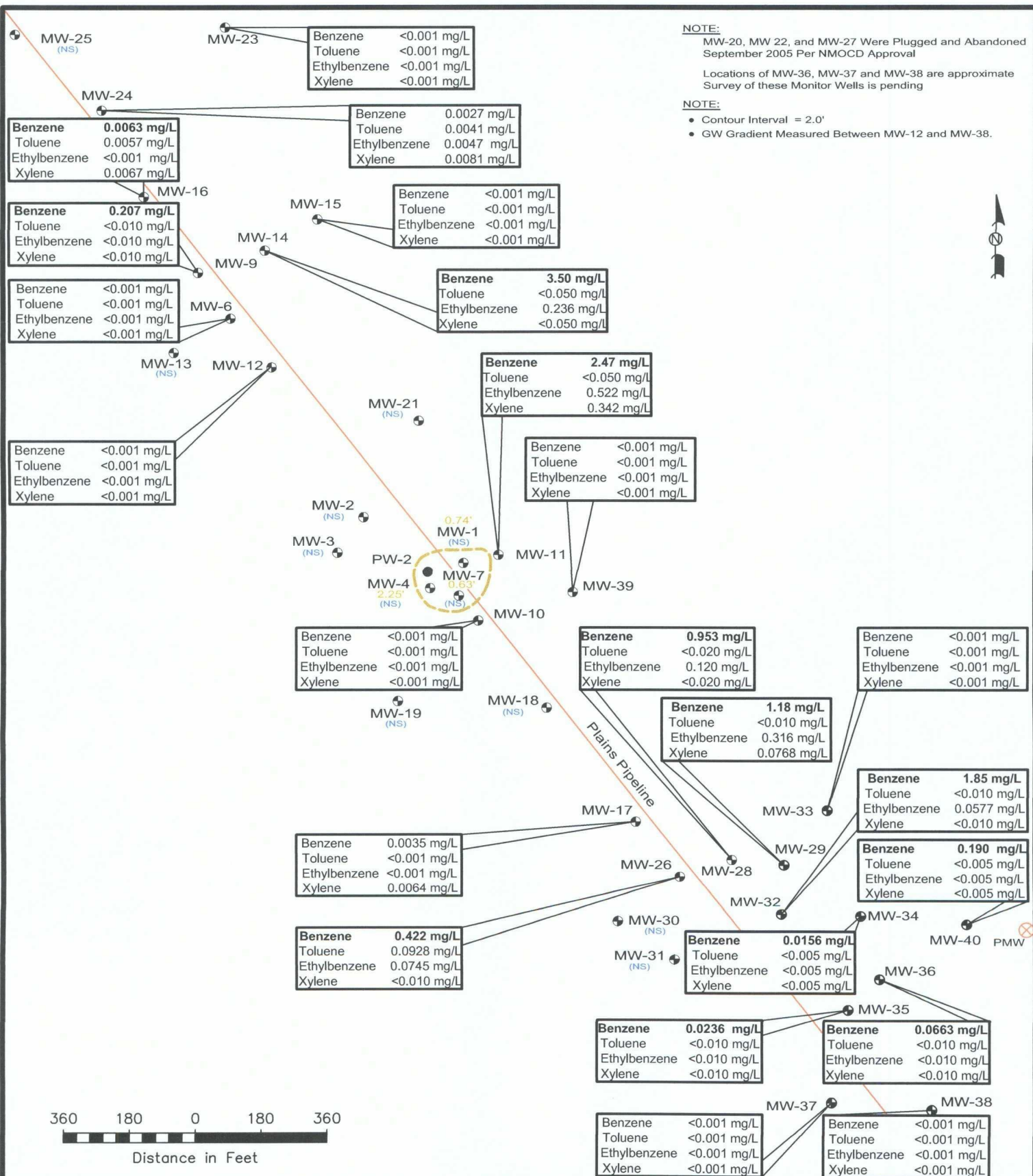


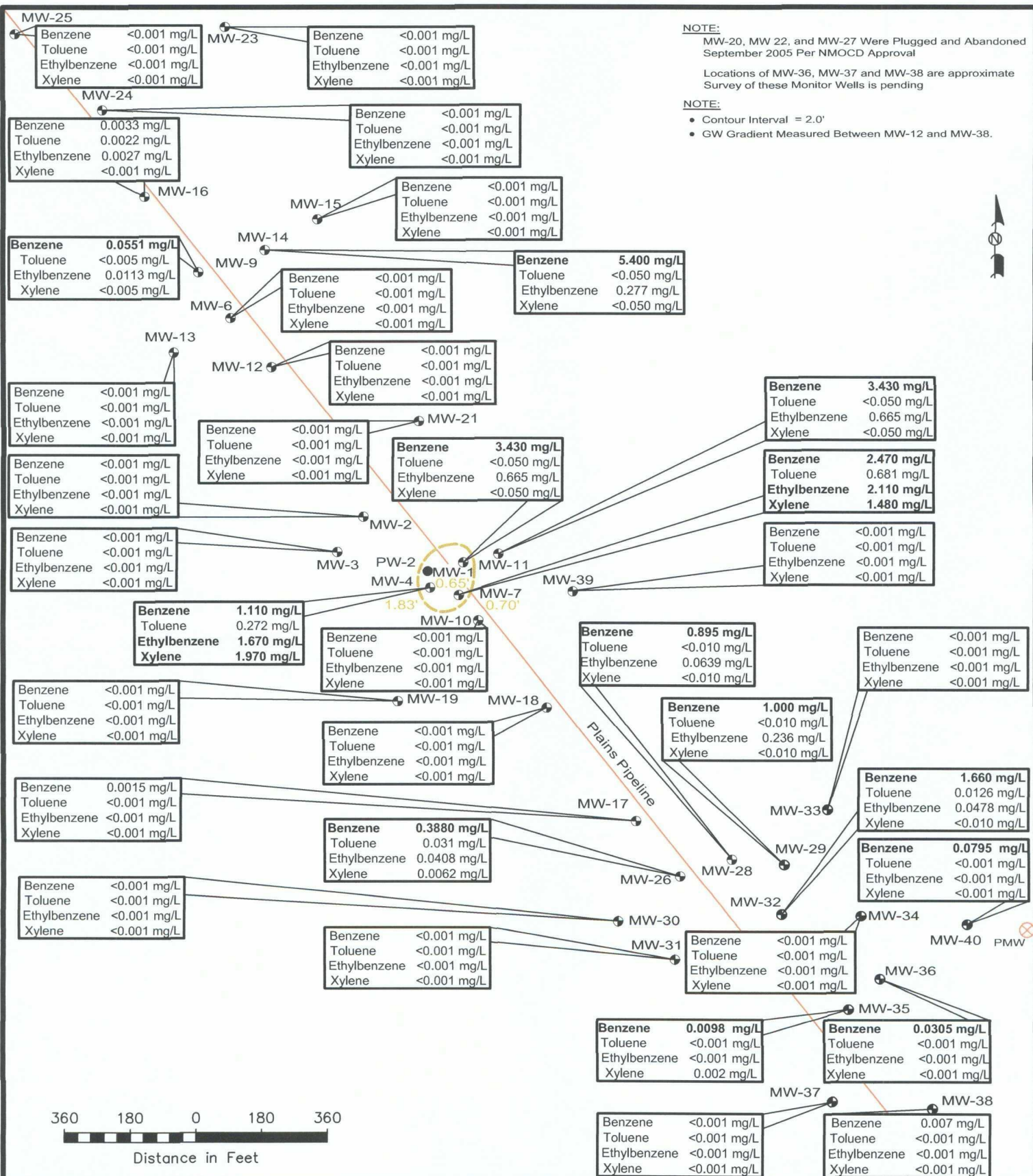
2057 Commerce Drive
Midland, Texas 79703
432.520.7720
www.novasafetyandenvironmental.com

| | | |
|------------------|------------------------------|---|
| Scale: 1" = 360' | Drawn By: SAT | Checked By: RKR |
| January 20, 2010 | NW1/4 SE1/4 Sec 18 T18S R36E | Lat. N32° 44' 50.3" Long. W103° 23' 38.5" |









Tables

TABLE 1

2009 - GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.

SPS - 11

LEA COUNTY, NEW MEXICO

NMOC 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 | 01/02/09 | 3859.08 | 58.75 | 60.73 | 1.98 | 3800.03 |
| MW - 1 | 01/08/09 | 3859.08 | 58.95 | 59.66 | 0.71 | 3800.02 |
| MW - 1 | 01/14/09 | 3859.08 | 59.02 | 59.61 | 0.59 | 3799.97 |
| MW - 1 | 02/12/09 | 3859.08 | 58.62 | 60.60 | 1.98 | 3800.16 |
| MW - 1 | 02/19/09 | 3859.08 | 58.81 | 60.81 | 2.00 | 3799.97 |
| MW - 1 | 02/26/09 | 3859.08 | 58.96 | 59.67 | 0.71 | 3800.01 |
| MW - 1 | 03/04/09 | 3859.08 | 58.92 | 60.00 | 1.08 | 3800.00 |
| MW - 1 | 03/16/09 | 3859.08 | 59.06 | 60.04 | 0.98 | 3799.87 |
| MW - 1 | 03/19/09 | 3859.08 | 58.85 | 60.57 | 1.72 | 3799.97 |
| MW - 1 | 03/24/09 | 3859.08 | 58.82 | 60.79 | 1.97 | 3799.96 |
| MW - 1 | 04/08/09 | 3859.08 | 59.05 | 60.06 | 1.01 | 3799.88 |
| MW - 1 | 04/15/09 | 3859.08 | 58.89 | 60.47 | 1.58 | 3799.95 |
| MW - 1 | 04/17/09 | 3859.08 | 59.04 | 60.04 | 1.00 | 3799.89 |
| MW - 1 | 04/21/09 | 3859.08 | 59.02 | 60.01 | 0.99 | 3799.91 |
| MW - 1 | 04/29/09 | 3859.08 | 58.94 | 60.24 | 1.30 | 3799.95 |
| MW - 1 | 05/06/09 | 3859.08 | 59.03 | 59.77 | 0.74 | 3799.94 |
| MW - 1 | 05/20/09 | 3859.08 | 59.00 | 60.15 | 1.15 | 3799.91 |
| MW - 1 | 05/22/09 | 3859.08 | 59.11 | 59.54 | 0.43 | 3799.91 |
| MW - 1 | 05/27/09 | 3859.08 | 59.02 | 59.97 | 0.95 | 3799.92 |
| MW - 1 | 06/01/09 | 3859.08 | 59.00 | 60.16 | 1.16 | 3799.91 |
| MW - 1 | 06/09/09 | 3859.08 | 59.08 | 59.81 | 0.73 | 3799.89 |
| MW - 1 | 06/17/09 | 3859.08 | 59.02 | 60.05 | 1.03 | 3799.91 |
| MW - 1 | 06/23/09 | 3859.08 | 59.04 | 60.02 | 0.98 | 3799.89 |
| MW - 1 | 06/30/09 | 3859.08 | 58.91 | 60.62 | 1.71 | 3799.91 |
| MW - 1 | 07/10/09 | 3859.08 | 59.02 | 60.01 | 0.99 | 3799.91 |
| MW - 1 | 07/13/09 | 3859.08 | 59.08 | 59.53 | 0.45 | 3799.93 |
| MW - 1 | 07/17/09 | 3859.08 | 59.00 | 60.01 | 1.01 | 3799.93 |
| MW - 1 | 07/24/09 | 3859.08 | 59.01 | 59.91 | 0.90 | 3799.94 |
| MW - 1 | 07/28/09 | 3859.08 | 59.08 | 59.54 | 0.46 | 3799.93 |
| MW - 1 | 08/04/09 | 3859.08 | 59.00 | 59.91 | 0.91 | 3799.94 |
| MW - 1 | 08/12/09 | 3859.08 | 59.02 | 59.94 | 0.92 | 3799.92 |
| MW - 1 | 08/18/09 | 3859.08 | 59.05 | 59.79 | 0.74 | 3799.92 |
| MW - 1 | 08/20/09 | 3859.08 | 59.03 | 59.84 | 0.81 | 3799.93 |
| MW - 1 | 08/26/09 | 3859.08 | 59.04 | 59.95 | 0.91 | 3799.90 |
| MW - 1 | 09/02/09 | 3859.08 | 59.02 | 59.86 | 0.84 | 3799.93 |
| MW - 1 | 09/09/09 | 3859.08 | 59.05 | 59.73 | 0.68 | 3799.93 |
| MW - 1 | 09/14/09 | 3859.08 | 59.08 | 59.63 | 0.55 | 3799.92 |
| MW - 1 | 09/21/09 | 3859.08 | 59.09 | 59.69 | 0.60 | 3799.90 |
| MW - 1 | 10/01/09 | 3859.08 | 59.06 | 59.94 | 0.88 | 3799.89 |
| MW - 1 | 10/08/09 | 3859.08 | 59.04 | 59.81 | 0.77 | 3799.92 |
| MW - 1 | 10/14/09 | 3859.08 | 59.10 | 59.68 | 0.58 | 3799.89 |
| MW - 1 | 10/21/09 | 3859.08 | 59.01 | 60.53 | 1.52 | 3799.84 |
| MW - 1 | 10/28/09 | 3859.08 | 59.08 | 59.97 | 0.89 | 3799.87 |
| MW - 1 | 10/29/09 | 3859.08 | 59.17 | 59.47 | 0.30 | 3799.87 |
| MW - 1 | 11/04/09 | 3859.08 | 59.12 | 59.70 | 0.58 | 3799.87 |
| MW - 1 | 11/11/09 | 3859.08 | 59.15 | 59.85 | 0.70 | 3799.83 |
| MW - 1 | 11/19/09 | 3859.08 | 59.14 | 59.85 | 0.71 | 3799.83 |
| MW - 1 | 12/02/09 | 3859.08 | 59.10 | 60.25 | 1.15 | 3799.81 |
| MW - 1 | 12/10/09 | 3859.08 | 59.20 | 59.85 | 0.65 | 3799.78 |
| | | | | | | |

TABLE 1

2009 - GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.

SPS - 11

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 - 2 | 02/27/09 | 3860.76 | - | 60.11 | 0.00 | 3800.65 |
| MW - 2 | 05/21/09 | 3860.76 | - | 60.11 | 0.00 | 3800.65 |
| MW - 2 | 08/18/09 | 3860.76 | - | 60.02 | 0.00 | 3800.74 |
| MW - 2 | 12/09/09 | 3860.76 | - | 59.96 | 0.00 | 3800.80 |
| | | | | | | |
| MW - 3 | 02/27/09 | 3861.15 | - | 60.24 | 0.00 | 3800.91 |
| MW - 3 | 05/21/09 | 3861.15 | - | 60.32 | 0.00 | 3800.83 |
| MW - 3 | 08/18/09 | 3861.15 | - | 60.23 | 0.00 | 3800.92 |
| MW - 3 | 12/09/09 | 3861.15 | - | 60.38 | 0.00 | 3800.77 |
| | | | | | | |
| MW - 4 | 01/02/09 | 3859.62 | 58.92 | 61.72 | 2.80 | 3800.28 |
| MW - 4 | 01/08/09 | 3859.62 | 59.07 | 60.41 | 1.34 | 3800.35 |
| MW - 4 | 01/14/09 | 3859.62 | 59.10 | 60.09 | 0.99 | 3800.37 |
| MW - 4 | 02/12/09 | 3859.62 | 59.23 | 61.21 | 1.98 | 3800.09 |
| MW - 4 | 02/19/09 | 3859.62 | 59.95 | 61.33 | 1.38 | 3799.46 |
| MW - 4 | 02/26/09 | 3859.62 | 59.15 | 61.15 | 2.00 | 3800.17 |
| MW - 4 | 03/04/09 | 3859.62 | 60.00 | 61.38 | 1.38 | 3799.41 |
| MW - 4 | 03/16/09 | 3859.62 | 59.98 | 61.29 | 1.31 | 3799.44 |
| MW - 4 | 03/19/09 | 3859.62 | 58.93 | 61.52 | 2.59 | 3800.30 |
| MW - 4 | 03/24/09 | 3859.62 | 58.94 | 61.61 | 2.67 | 3800.28 |
| MW - 4 | 04/08/09 | 3859.62 | 59.99 | 61.30 | 1.31 | 3799.43 |
| MW - 4 | 04/15/09 | 3859.62 | 58.96 | 61.39 | 2.43 | 3800.30 |
| MW - 4 | 04/17/09 | 3859.62 | 59.97 | 61.26 | 1.29 | 3799.46 |
| MW - 4 | 04/21/09 | 3859.62 | 59.95 | 61.23 | 1.28 | 3799.48 |
| MW - 4 | 04/29/09 | 3859.62 | 59.00 | 61.30 | 2.30 | 3800.28 |
| MW - 4 | 05/06/09 | 3859.62 | 59.48 | 61.38 | 1.90 | 3799.86 |
| MW - 4 | 05/20/09 | 3859.62 | 59.07 | 61.17 | 2.10 | 3800.24 |
| MW - 4 | 05/22/09 | 3859.62 | 59.23 | 60.28 | 1.05 | 3800.23 |
| MW - 4 | 05/27/09 | 3859.62 | 59.07 | 61.02 | 1.95 | 3800.26 |
| MW - 4 | 06/01/09 | 3859.62 | 59.16 | 60.59 | 1.43 | 3800.25 |
| MW - 4 | 06/09/09 | 3859.62 | 59.36 | 60.89 | 1.53 | 3800.03 |
| MW - 4 | 06/17/09 | 3859.62 | 59.03 | 61.12 | 2.09 | 3800.28 |
| MW - 4 | 06/23/09 | 3859.62 | 59.94 | 61.26 | 1.32 | 3799.48 |
| MW - 4 | 06/30/09 | 3859.62 | 59.06 | 61.06 | 2.00 | 3800.26 |
| MW - 4 | 07/10/09 | 3859.62 | 59.26 | 61.11 | 1.85 | 3800.08 |
| MW - 4 | 07/13/09 | 3859.62 | 59.15 | 60.26 | 1.11 | 3800.30 |
| MW - 4 | 07/17/09 | 3859.62 | 59.27 | 61.10 | 1.83 | 3800.08 |
| MW - 4 | 07/24/09 | 3859.62 | 59.05 | 60.90 | 1.85 | 3800.29 |
| MW - 4 | 07/28/09 | 3859.62 | 59.13 | 60.32 | 1.19 | 3800.31 |
| MW - 4 | 08/04/09 | 3859.62 | 59.03 | 60.90 | 1.87 | 3800.31 |
| MW - 4 | 08/12/09 | 3859.62 | 59.02 | 60.90 | 1.88 | 3800.32 |
| MW - 4 | 08/18/09 | 3859.62 | 59.20 | 61.45 | 2.25 | 3800.08 |
| MW - 4 | 08/20/09 | 3859.62 | 59.00 | 61.28 | 2.28 | 3800.28 |
| MW - 4 | 08/26/09 | 3859.62 | 59.05 | 61.00 | 1.95 | 3800.28 |
| MW - 4 | 09/02/09 | 3859.62 | 59.02 | 61.10 | 2.08 | 3800.29 |
| MW - 4 | 09/09/09 | 3859.62 | 59.10 | 60.75 | 1.65 | 3800.27 |
| MW - 4 | 09/14/09 | 3859.62 | 59.13 | 60.51 | 1.38 | 3800.28 |
| MW - 4 | 09/21/09 | 3859.62 | 59.12 | 60.69 | 1.57 | 3800.26 |
| MW - 4 | 10/01/09 | 3859.62 | 59.10 | 60.97 | 1.87 | 3800.24 |

TABLE 1

2009 - GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
SPS - 11
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 - 4 | 10/08/09 | 3859.62 | 59.39 | 60.05 | 0.66 | 3800.13 |
| MW - 4 | 10/14/09 | 3859.62 | 59.14 | 60.66 | 1.52 | 3800.25 |
| MW - 4 | 10/21/09 | 3859.62 | 59.08 | 61.45 | 2.37 | 3800.18 |
| MW - 4 | 10/28/09 | 3859.62 | 59.12 | 61.08 | 1.96 | 3800.21 |
| MW - 4 | 10/29/09 | 3859.62 | 59.29 | 60.35 | 1.06 | 3800.17 |
| MW - 4 | 11/04/09 | 3859.62 | 59.31 | 60.25 | 0.94 | 3800.17 |
| MW - 4 | 11/11/09 | 3859.62 | 59.19 | 60.75 | 1.56 | 3800.20 |
| MW - 4 | 11/19/09 | 3859.62 | 59.19 | 60.76 | 1.57 | 3800.19 |
| MW - 4 | 12/02/09 | 3859.62 | 59.13 | 61.25 | 2.12 | 3800.17 |
| MW - 4 | 12/10/09 | 3859.62 | 59.24 | 61.07 | 1.83 | 3800.11 |
| | | | | | | |
| MW - 6 | 02/26/09 | 3862.47 | - | 59.78 | 0.00 | 3802.69 |
| MW - 6 | 05/21/09 | 3862.47 | - | 61.11 | 0.00 | 3801.36 |
| MW - 6 | 08/18/09 | 3862.47 | - | 59.89 | 0.00 | 3802.58 |
| MW - 6 | 12/09/09 | 3862.47 | - | 59.94 | 0.00 | 3802.53 |
| | | | | | | |
| MW - 7 | 01/02/09 | 3859.31 | 59.16 | 60.26 | 1.10 | 3799.99 |
| MW - 7 | 01/08/09 | 3859.31 | 59.24 | 59.78 | 0.54 | 3799.99 |
| MW - 7 | 01/14/09 | 3859.31 | 59.34 | 59.70 | 0.36 | 3799.92 |
| MW - 7 | 02/12/09 | 3859.31 | 59.23 | 60.22 | 0.99 | 3799.93 |
| MW - 7 | 02/19/09 | 3859.31 | 59.21 | 60.30 | 1.09 | 3799.94 |
| MW - 7 | 02/26/09 | 3859.31 | 59.25 | 60.01 | 0.76 | 3799.95 |
| MW - 7 | 03/04/09 | 3859.31 | 59.32 | 60.39 | 1.07 | 3799.83 |
| MW - 7 | 03/16/09 | 3859.31 | 59.39 | 60.43 | 1.04 | 3799.76 |
| MW - 7 | 03/19/09 | 3859.31 | 59.22 | 60.42 | 1.20 | 3799.91 |
| MW - 7 | 03/24/09 | 3859.31 | 59.23 | 60.48 | 1.25 | 3799.89 |
| MW - 7 | 04/08/09 | 3859.31 | 59.40 | 60.41 | 1.01 | 3799.76 |
| MW - 7 | 04/15/09 | 3859.31 | 59.28 | 60.32 | 1.04 | 3799.87 |
| MW - 7 | 04/17/09 | 3859.31 | 59.42 | 60.36 | 0.94 | 3799.75 |
| MW - 7 | 04/21/09 | 3859.31 | 59.43 | 60.34 | 0.91 | 3799.74 |
| MW - 7 | 04/29/09 | 3859.31 | 59.26 | 60.56 | 1.30 | 3799.86 |
| MW - 7 | 05/06/09 | 3859.31 | 59.33 | 60.02 | 0.69 | 3799.88 |
| MW - 7 | 05/20/09 | 3859.31 | 59.33 | 60.17 | 0.84 | 3799.85 |
| MW - 7 | 05/22/09 | 3859.31 | 59.42 | 59.87 | 0.45 | 3799.82 |
| MW - 7 | 05/27/09 | 3859.31 | 59.35 | 60.10 | 0.75 | 3799.85 |
| MW - 7 | 06/01/09 | 3859.31 | 59.40 | 59.77 | 0.37 | 3799.85 |
| MW - 7 | 06/09/09 | 3859.31 | 59.42 | 59.78 | 0.36 | 3799.84 |
| MW - 7 | 06/17/09 | 3859.31 | 59.41 | 59.73 | 0.32 | 3799.85 |
| MW - 7 | 06/23/09 | 3859.31 | 59.43 | 60.39 | 0.96 | 3799.74 |
| MW - 7 | 06/30/09 | 3859.31 | 59.40 | 59.77 | 0.37 | 3799.85 |
| MW - 7 | 07/10/09 | 3859.31 | 59.35 | 59.95 | 0.60 | 3799.87 |
| MW - 7 | 07/13/09 | 3859.31 | 59.36 | 59.79 | 0.43 | 3799.89 |
| MW - 7 | 07/17/09 | 3859.31 | 59.37 | 59.94 | 0.57 | 3799.85 |
| MW - 7 | 07/24/09 | 3859.31 | 59.34 | 60.01 | 0.67 | 3799.87 |
| MW - 7 | 07/28/09 | 3859.31 | 59.37 | 59.73 | 0.36 | 3799.89 |
| MW - 7 | 08/04/09 | 3859.31 | 59.32 | 59.82 | 0.50 | 3799.92 |
| MW - 7 | 08/12/09 | 3859.31 | 59.36 | 60.00 | 0.64 | 3799.85 |
| MW - 7 | 08/18/09 | 3859.31 | 59.38 | 60.01 | 0.63 | 3799.84 |
| MW - 7 | 08/20/09 | 3859.31 | 59.35 | 60.04 | 0.69 | 3799.86 |

TABLE 1

2009 - GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.

SPS - 11

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 - 7 | 08/26/09 | 3859.31 | 59.35 | 60.08 | 0.73 | 3799.85 |
| MW - 7 | 09/02/09 | 3859.31 | 59.35 | 60.04 | 0.69 | 3799.86 |
| MW - 7 | 09/09/09 | 3859.31 | 59.40 | 59.78 | 0.38 | 3799.85 |
| MW - 7 | 09/14/09 | 3859.31 | 59.39 | 59.79 | 0.40 | 3799.86 |
| MW - 7 | 09/21/09 | 3859.31 | 59.40 | 59.90 | 0.50 | 3799.84 |
| MW - 7 | 10/01/09 | 3859.31 | 59.38 | 60.07 | 0.69 | 3799.83 |
| MW - 7 | 10/08/09 | 3859.31 | 59.42 | 59.78 | 0.36 | 3799.84 |
| MW - 7 | 10/14/09 | 3859.31 | 59.42 | 59.89 | 0.47 | 3799.82 |
| MW - 7 | 10/21/09 | 3859.31 | 59.42 | 60.05 | 0.63 | 3799.80 |
| MW - 7 | 10/28/09 | 3859.31 | 59.41 | 59.99 | 0.58 | 3799.81 |
| MW - 7 | 10/29/09 | 3859.31 | 59.46 | 59.87 | 0.41 | 3799.79 |
| MW - 7 | 11/04/09 | 3859.31 | 59.45 | 59.90 | 0.45 | 3799.79 |
| MW - 7 | 11/11/09 | 3859.31 | 58.45 | 59.96 | 1.51 | 3800.63 |
| MW - 7 | 11/19/09 | 3859.31 | 59.45 | 59.99 | 0.54 | 3799.78 |
| MW - 7 | 12/02/09 | 3859.31 | 59.47 | 60.16 | 0.69 | 3799.74 |
| MW - 7 | 12/10/09 | 3859.31 | 59.49 | 60.19 | 0.70 | 3799.72 |
| | | | | | | |
| MW - 9 | 02/26/09 | 3861.88 | - | 58.84 | 0.00 | 3803.04 |
| MW - 9 | 05/22/09 | 3861.88 | - | 58.73 | 0.00 | 3803.15 |
| MW - 9 | 08/18/09 | 3861.88 | - | 58.89 | 0.00 | 3802.99 |
| MW - 9 | 12/10/09 | 3861.88 | - | 58.91 | 0.00 | 3802.97 |
| | | | | | | |
| MW - 10 | 02/26/09 | 3860.58 | - | 60.85 | 0.00 | 3799.73 |
| MW - 10 | 05/21/09 | 3860.58 | - | 60.91 | 0.00 | 3799.67 |
| MW - 10 | 08/18/09 | 3860.58 | - | 60.92 | 0.00 | 3799.66 |
| MW - 10 | 12/09/09 | 3860.58 | - | 61.01 | 0.00 | 3799.57 |
| | | | | | | |
| MW - 11 | 02/26/09 | 3860.00 | - | 60.32 | 0.00 | 3799.68 |
| MW - 11 | 05/22/09 | 3860.00 | - | 60.46 | 0.00 | 3799.54 |
| MW - 11 | 08/18/09 | 3860.00 | - | 60.42 | 0.00 | 3799.58 |
| MW - 11 | 12/10/09 | 3860.00 | - | 60.49 | 0.00 | 3799.51 |
| | | | | | | |
| MW - 12 | 02/26/09 | 3863.10 | - | 60.93 | 0.00 | 3802.17 |
| MW - 12 | 05/21/09 | 3863.10 | - | 61.04 | 0.00 | 3802.06 |
| MW - 12 | 08/18/09 | 3863.10 | - | 60.91 | 0.00 | 3802.19 |
| MW - 12 | 12/09/09 | 3863.10 | - | 61.09 | 0.00 | 3802.01 |
| | | | | | | |
| MW - 13 | 02/27/09 | 3862.44 | - | 59.29 | 0.00 | 3803.15 |
| MW - 13 | 05/21/09 | 3862.44 | - | 59.46 | 0.00 | 3802.98 |
| MW - 13 | 08/18/09 | 3862.44 | - | 59.34 | 0.00 | 3803.10 |
| MW - 13 | 12/09/09 | 3862.44 | - | 59.44 | 0.00 | 3803.00 |
| | | | | | | |
| MW - 14 | 01/02/09 | 3862.95 | - | 60.41 | 0.00 | 3802.54 |
| MW - 14 | 01/08/09 | 3862.95 | - | 57.23 | 0.00 | 3805.72 |
| MW - 14 | 02/12/09 | 3862.95 | - | 60.44 | 0.00 | 3802.51 |
| MW - 14 | 02/19/09 | 3862.95 | - | 60.46 | 0.00 | 3802.49 |
| MW - 14 | 02/26/09 | 3862.95 | - | 60.45 | 0.00 | 3802.50 |
| MW - 14 | 03/04/09 | 3862.95 | - | 60.57 | 0.00 | 3802.38 |
| MW - 14 | 03/16/09 | 3862.95 | - | 60.60 | 0.00 | 3802.35 |
| MW - 14 | 03/19/09 | 3862.95 | - | 60.63 | 0.00 | 3802.32 |

TABLE 1

2009 - GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 SPS - 11
 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 - 14 | 03/24/09 | 3862.95 | - | 60.53 | 0.00 | 3802.42 |
| MW - 14 | 04/08/09 | 3862.95 | - | 60.62 | 0.00 | 3802.33 |
| MW - 14 | 04/15/09 | 3862.95 | - | 60.51 | 0.00 | 3802.44 |
| MW - 14 | 04/17/09 | 3862.95 | - | 60.58 | 0.00 | 3802.37 |
| MW - 14 | 04/21/09 | 3862.95 | - | 60.56 | 0.00 | 3802.39 |
| MW - 14 | 04/29/09 | 3862.95 | - | 60.54 | 0.00 | 3802.41 |
| MW - 14 | 05/06/09 | 3862.95 | - | 60.54 | 0.00 | 3802.41 |
| MW - 14 | 05/22/09 | 3862.95 | - | 60.62 | 0.00 | 3802.33 |
| MW - 14 | 06/01/09 | 3862.95 | - | 60.56 | 0.00 | 3802.39 |
| MW - 14 | 06/09/09 | 3862.95 | - | 60.62 | 0.00 | 3802.33 |
| MW - 14 | 06/23/09 | 3862.95 | - | 60.56 | 0.00 | 3802.39 |
| MW - 14 | 06/30/09 | 3862.95 | - | 60.59 | 0.00 | 3802.36 |
| MW - 14 | 07/10/09 | 3862.95 | - | 60.53 | 0.00 | 3802.42 |
| MW - 14 | 07/17/09 | 3862.95 | - | 60.52 | 0.00 | 3802.43 |
| MW - 14 | 07/24/09 | 3862.95 | - | 60.54 | 0.00 | 3802.41 |
| MW - 14 | 08/04/09 | 3862.95 | - | 60.52 | 0.00 | 3802.43 |
| MW - 14 | 08/18/09 | 3862.95 | - | 60.59 | 0.00 | 3802.36 |
| MW - 14 | 08/26/09 | 3862.95 | - | 62.50 | 0.00 | 3800.45 |
| MW - 14 | 10/08/09 | 3862.95 | - | 60.52 | 0.00 | 3802.43 |
| MW - 14 | 12/10/09 | 3862.95 | - | 60.69 | 0.00 | 3802.26 |
| | | | | | | |
| MW - 15 | 02/26/09 | 3861.70 | - | 59.38 | 0.00 | 3802.32 |
| MW - 15 | 05/21/09 | 3861.70 | - | 61.34 | 0.00 | 3800.36 |
| MW - 15 | 08/18/09 | 3861.70 | - | 59.71 | 0.00 | 3801.99 |
| MW - 15 | 12/09/09 | 3861.70 | - | 59.79 | 0.00 | 3801.91 |
| | | | | | | |
| MW - 16 | 02/26/09 | 3863.15 | - | 59.39 | 0.00 | 3803.76 |
| MW - 16 | 05/21/09 | 3863.15 | - | 59.48 | 0.00 | 3803.67 |
| MW - 16 | 08/18/09 | 3863.15 | - | 59.51 | 0.00 | 3803.64 |
| MW - 16 | 12/10/09 | 3863.15 | - | 59.59 | 0.00 | 3803.56 |
| | | | | | | |
| MW - 17 | 02/26/09 | 3859.17 | - | 61.77 | 0.00 | 3797.40 |
| MW - 17 | 05/21/09 | 3859.17 | - | 61.82 | 0.00 | 3797.35 |
| MW - 17 | 08/18/09 | 3859.17 | - | 61.88 | 0.00 | 3797.29 |
| MW - 17 | 12/10/09 | 3859.17 | - | 61.94 | 0.00 | 3797.23 |
| | | | | | | |
| MW - 18 | 02/27/09 | 3859.98 | - | 61.26 | 0.00 | 3798.72 |
| MW - 18 | 05/21/09 | 3859.98 | - | 61.34 | 0.00 | 3798.64 |
| MW - 18 | 08/18/09 | 3859.98 | - | 61.39 | 0.00 | 3798.59 |
| MW - 18 | 12/09/09 | 3859.98 | - | 61.46 | 0.00 | 3798.52 |
| | | | | | | |
| MW - 19 | 02/27/09 | 3862.30 | - | 62.15 | 0.00 | 3800.15 |
| MW - 19 | 05/21/09 | 3862.30 | - | 62.24 | 0.00 | 3800.06 |
| MW - 19 | 08/18/09 | 3862.30 | - | 62.23 | 0.00 | 3800.07 |
| MW - 19 | 12/09/09 | 3862.30 | - | 62.34 | 0.00 | 3799.96 |
| | | | | | | |
| MW - 21 | 02/27/09 | 3862.30 | - | 61.59 | 0.00 | 3800.71 |
| MW - 21 | 05/21/09 | 3862.30 | - | 61.69 | 0.00 | 3800.61 |
| MW - 21 | 08/18/09 | 3862.30 | - | 61.64 | 0.00 | 3800.66 |
| MW - 21 | 12/09/09 | 3862.30 | - | 61.75 | 0.00 | 3800.55 |
| | | | | | | |

TABLE 1

2009 - GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 SPS - 11
 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 - 23 | 02/26/09 | 3862.44 | - | 59.12 | 0.00 | 3803.32 |
| MW - 23 | 05/21/09 | 3862.44 | - | 59.75 | 0.00 | 3802.69 |
| MW - 23 | 08/18/09 | 3862.44 | - | 59.28 | 0.00 | 3803.16 |
| MW - 23 | 12/09/09 | 3862.44 | - | 59.37 | 0.00 | 3803.07 |
| MW - 24 | 02/26/09 | 3864.36 | - | 60.00 | 0.00 | 3804.36 |
| MW - 24 | 05/21/09 | 3864.36 | - | 60.06 | 0.00 | 3804.30 |
| MW - 24 | 08/18/09 | 3864.36 | - | 60.16 | 0.00 | 3804.20 |
| MW - 24 | 12/09/09 | 3864.36 | - | 60.25 | 0.00 | 3804.11 |
| MW - 25 | 02/27/09 | 3864.16 | - | 58.92 | 0.00 | 3805.24 |
| MW - 25 | 05/21/09 | 3864.16 | - | 59.03 | 0.00 | 3805.13 |
| MW - 25 | 08/18/09 | 3864.16 | - | 59.78 | 0.00 | 3804.38 |
| MW - 25 | 12/09/09 | 3864.16 | - | 59.18 | 0.00 | 3804.98 |
| MW - 26 | 02/27/09 | 3858.79 | - | 62.15 | 0.00 | 3796.64 |
| MW - 26 | 05/22/09 | 3858.79 | - | 62.23 | 0.00 | 3796.56 |
| MW - 26 | 08/18/09 | 3858.79 | - | 62.26 | 0.00 | 3796.53 |
| MW - 26 | 12/10/09 | 3858.79 | - | 62.33 | 0.00 | 3796.46 |
| MW - 28 | 02/26/09 | 3858.60 | - | 62.39 | 0.00 | 3796.21 |
| MW - 28 | 05/22/09 | 3858.60 | - | 62.48 | 0.00 | 3796.12 |
| MW - 28 | 08/18/09 | 3858.60 | - | 62.52 | 0.00 | 3796.08 |
| MW - 28 | 12/10/09 | 3858.60 | - | 62.56 | 0.00 | 3796.04 |
| MW - 29 | 02/27/09 | 3858.54 | - | 62.87 | 0.00 | 3795.67 |
| MW - 29 | 05/22/09 | 3858.54 | - | 62.93 | 0.00 | 3795.61 |
| MW - 29 | 08/18/09 | 3858.54 | - | 62.98 | 0.00 | 3795.56 |
| MW - 29 | 12/10/09 | 3858.54 | - | 63.03 | 0.00 | 3795.51 |
| MW - 30 | 02/27/09 | 3858.35 | - | 61.23 | 0.00 | 3797.12 |
| MW - 30 | 05/21/09 | 3858.35 | - | 61.30 | 0.00 | 3797.05 |
| MW - 30 | 08/18/09 | 3858.35 | - | 61.38 | 0.00 | 3796.97 |
| MW - 30 | 12/09/09 | 3858.35 | - | 61.44 | 0.00 | 3796.91 |
| MW - 31 | 02/27/09 | 3858.52 | - | 62.15 | 0.00 | 3796.37 |
| MW - 31 | 05/21/09 | 3858.52 | - | 62.14 | 0.00 | 3796.38 |
| MW - 31 | 08/18/09 | 3858.52 | - | 62.27 | 0.00 | 3796.25 |
| MW - 31 | 12/09/09 | 3858.52 | - | 62.38 | 0.00 | 3796.14 |
| MW-32 | 02/26/09 | 3858.07 | - | 62.60 | 0.00 | 3795.47 |
| MW-32 | 05/22/09 | 3858.07 | - | 62.54 | 0.00 | 3795.53 |
| MW-32 | 08/18/09 | 3858.07 | - | 62.70 | 0.00 | 3795.37 |
| MW-32 | 12/10/09 | 3858.07 | - | 62.74 | 0.00 | 3795.33 |
| MW-33 | 02/26/09 | 3858.36 | - | 63.23 | 0.00 | 3795.13 |
| MW-33 | 05/21/09 | 3858.36 | - | 59.21 | 0.00 | 3799.15 |
| MW-33 | 08/18/09 | 3858.36 | - | 63.33 | 0.00 | 3795.03 |
| MW-33 | 12/09/09 | 3858.36 | - | 63.36 | 0.00 | 3795.00 |

TABLE 1

2009 - GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 SPS - 11
 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-34 | 02/27/09 | 3857.91 | - | 63.18 | 0.00 | 3794.73 |
| MW-34 | 05/22/09 | 3857.91 | - | 63.23 | 0.00 | 3794.68 |
| MW-34 | 08/18/09 | 3857.91 | - | 63.28 | 0.00 | 3794.63 |
| MW-34 | 12/10/09 | 3857.91 | - | 63.30 | 0.00 | 3794.61 |
| | | | | | | |
| MW-35 | 02/26/09 | 3857.16 | - | 62.65 | 0.00 | 3794.51 |
| MW-35 | 05/22/09 | 3857.16 | - | 62.72 | 0.00 | 3794.44 |
| MW-35 | 08/18/09 | 3857.16 | - | 62.78 | 0.00 | 3794.38 |
| MW-35 | 12/10/09 | 3857.16 | - | 62.82 | 0.00 | 3794.34 |
| | | | | | | |
| MW-36 | 02/27/09 | 3858.80 | - | 63.32 | 0.00 | 3795.48 |
| MW-36 | 05/22/09 | 3858.80 | - | 63.37 | 0.00 | 3795.43 |
| MW-36 | 08/18/09 | 3858.80 | - | 63.42 | 0.00 | 3795.38 |
| MW-36 | 12/10/09 | 3858.80 | - | 63.45 | 0.00 | 3795.35 |
| | | | | | | |
| MW-37 | 02/26/09 | 3857.69 | - | 62.20 | 0.00 | 3795.49 |
| MW-37 | 05/21/09 | 3857.69 | - | 62.18 | 0.00 | 3795.51 |
| MW-37 | 08/18/09 | 3857.69 | - | 62.33 | 0.00 | 3795.36 |
| MW-37 | 12/09/09 | 3857.69 | - | 62.38 | 0.00 | 3795.31 |
| | | | | | | |
| MW-38 | 02/26/09 | 3855.95 | - | 61.02 | 0.00 | 3794.93 |
| MW-38 | 05/21/09 | 3855.95 | - | 63.28 | 0.00 | 3792.67 |
| MW-38 | 08/18/09 | 3855.95 | - | 61.15 | 0.00 | 3794.80 |
| MW-38 | 12/09/09 | 3855.95 | - | 61.18 | 0.00 | 3794.77 |
| | | | | | | |
| MW-39 | 02/26/09 | | - | 61.89 | 0.00 | |
| MW-39 | 05/21/09 | | - | 61.95 | 0.00 | |
| MW-39 | 08/18/09 | | - | 61.95 | 0.00 | |
| MW-39 | 12/09/09 | | - | 62.02 | 0.00 | |
| | | | | | | |
| MW-40 | 02/27/09 | | - | 63.94 | 0.00 | |
| MW-40 | 05/22/09 | | - | 63.99 | 0.00 | |
| MW-40 | 08/18/09 | | - | 64.05 | 0.00 | |
| MW-40 | 12/10/09 | | - | 64.08 | 0.00 | |
| | | | | | | |
| PW-2 | 01/02/09 | | 57.20 | 57.26 | 0.06 | |
| PW-2 | 01/08/09 | | 52.17 | 52.23 | 0.06 | |
| PW-2 | 02/19/09 | | 57.16 | 57.35 | 0.19 | |
| PW-2 | 03/04/09 | | 57.26 | 57.39 | 0.13 | |
| PW-2 | 03/16/09 | | 57.28 | 57.42 | 0.14 | |
| PW-2 | 03/19/09 | | 57.19 | 57.23 | 0.04 | |
| PW-2 | 03/24/09 | | 57.18 | 57.56 | 0.38 | |
| PW-2 | 04/08/09 | | 57.30 | 57.41 | 0.11 | |
| PW-2 | 04/17/09 | | 57.28 | 57.41 | 0.13 | |
| PW-2 | 04/21/09 | | 57.27 | 57.40 | 0.13 | |
| PW-2 | 04/29/09 | | 57.20 | 57.34 | 0.14 | |

TABLE 1**2009 - GROUNDWATER ELEVATION DATA****PLAINS MARKETING, L.P.****SPS - 11****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 |
|------------------------|--------------------------|--------------------------------------|-----------------------------|---------------------------|--------------------------|---|
| PW-2 | 05/06/09 | | 57.22 | 57.44 | 0.22 | |
| PW-2 | 05/27/09 | | 57.28 | 57.30 | 0.02 | |
| PW-2 | 06/01/09 | | 57.28 | 57.34 | 0.06 | |
| PW-2 | 06/17/09 | | 57.29 | 57.34 | 0.05 | |
| PW-2 | 06/23/09 | | 57.26 | 57.43 | 0.17 | |
| PW-2 | 06/30/09 | | 57.28 | 57.34 | 0.06 | |
| PW-2 | 07/13/09 | | 57.21 | 57.29 | 0.08 | |
| PW-2 | 09/09/09 | | 57.20 | 57.49 | 0.29 | |
| PW-2 | 10/01/09 | | 57.29 | 59.42 | 2.13 | |
| | | | | | | |

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

TABLE 2
2009 - CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

| SAMPLE LOCATION | SAMPLE DATE | SW 846-8015M GRO/DRO | | SW 846-8260b | | | | |
|-------------------------|-------------|--|--|--|---------|-------------------|-------------------|---------------|
| | | GRO C ₆ -C ₁₂ mg/L | DRO >C ₁₂ -C ₃₅ mg/L | BENZENE | TOLUENE | ETHYL- BENZENE | m, p - XYLENES | o - XYLENE |
| NMOC D REGULATORY LIMIT | | | | 0.0100 | 0.75 | 0.75 | 0.62 | |
| MW - 1 | 02/26/09 | | | Not Sampled Due to PSH in Well | | | | |
| MW - 1 | 05/22/09 | | | Not Sampled Due to PSH in Well | | | | |
| MW - 1 | 08/18/09 | | | Not Sampled Due to PSH in Well | | | | |
| MW - 1 | 12/10/09 | 16.6 | 40.3 | 2.690 | 0.578 | 1.28 | 1.26 | |
| MW - 2 | 02/26/09 | | | Not Sampled on Current Sample Schedule | | | | |
| MW - 2 | 05/22/09 | | | Not Sampled on Current Sample Schedule | | | | |
| MW - 2 | 08/18/09 | | | Not Sampled on Current Sample Schedule | | | | |
| MW - 2 | 12/09/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |
| MW - 3 | 02/26/09 | | | Not Sampled on Current Sample Schedule | | | | |
| MW - 3 | 05/22/09 | | | Not Sampled on Current Sample Schedule | | | | |
| MW - 3 | 08/18/09 | | | Not Sampled on Current Sample Schedule | | | | |
| MW - 3 | 12/09/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |
| MW - 4 | 02/26/09 | | | Not Sampled Due to PSH in Well | | | | |
| MW - 4 | 05/22/09 | | | Not Sampled Due to PSH in Well | | | | |
| MW - 4 | 08/18/09 | | | Not Sampled Due to PSH in Well | | | | |
| MW - 4 | 12/10/09 | 20.0 | 260.0 | 1.110 | 0.272 | 1.670 | 1.970 | |
| MW - 6 | 02/26/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |
| MW - 6 | 05/21/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |
| MW - 6 | 08/18/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |
| MW - 6 | 12/09/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |
| MW - 7 | 02/26/09 | | | Not Sampled Due to PSH in Well | | | | |
| MW - 7 | 05/22/09 | | | Not Sampled Due to PSH in Well | | | | |
| MW - 7 | 08/18/09 | | | Not Sampled Due to PSH in Well | | | | |
| MW - 7 | 12/10/09 | 20.4 | 153.0 | 2.470 | 0.681 | 2.110 | 1.480 | |
| MW - 9 | 02/27/09 | | | 0.1660 | <0.010 | <0.010 | <0.010 | |
| MW - 9 | 05/22/09 | | | 0.0610 | <0.005 | <0.005 | <0.005 | |
| MW - 9 | 08/18/09 | | | 0.2070 | <0.010 | <0.010 | <0.010 | |
| MW - 9 | 12/10/09 | | | 0.0551 | <0.005 | 0.0113 | <0.005 | |
| MW - 10 | 02/26/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |
| MW - 10 | 05/21/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |
| MW - 10 | 08/18/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |
| MW - 10 | 12/09/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |

TABLE 2
2009 - CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

| SAMPLE LOCATION | SAMPLE DATE | SW 846-8015M GRO/DRO | | SW 846-8260b | | | | |
|------------------------|-------------|--|--|--|---------|-------------------|-------------------|---------------|
| | | GRO C ₆ -C ₁₂ mg/L | DRO >C ₁₂ -C ₃₅ mg/L | BENZENE | TOLUENE | ETHYL- BENZENE | m, p - XYLENES | o - XYLENE |
| NMOCD REGULATORY LIMIT | | | | 0.0100 | 0.75 | 0.75 | 0.62 | |
| MW - 11 | 02/26/09 | | | Well Not Sampled | | | | |
| MW - 11 | 05/22/09 | | | 2.450 | <0.001 | 0.499 | 0.176 | |
| MW - 11 | 08/18/09 | | | 2.470 | <0.050 | 0.522 | 0.342 | |
| MW - 11 | 12/10/09 | | | 3.430 | <0.050 | 0.665 | <0.050 | |
| MW - 12 | 02/27/09 | | | 0.0111 | <0.001 | <0.001 | 0.0237 | |
| MW - 12 | 05/21/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |
| MW - 12 | 08/18/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |
| MW - 12 | 12/09/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |
| MW - 13 | 02/26/09 | | | Not Sampled on Current Sample Schedule | | | | |
| MW - 13 | 05/21/09 | | | Not Sampled on Current Sample Schedule | | | | |
| MW - 13 | 08/18/09 | | | Not Sampled on Current Sample Schedule | | | | |
| MW - 13 | 12/09/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |
| MW - 14 | 02/26/09 | | | Well Not Sampled | | | | |
| MW - 14 | 05/22/09 | | | 5.110 | <0.005 | 0.286 | <0.005 | |
| MW - 14 | 08/18/09 | | | 3.500 | <0.050 | 0.236 | <0.050 | |
| MW - 14 | 12/10/09 | | | 5.400 | <0.050 | 0.277 | <0.050 | |
| MW - 15 | 02/26/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |
| MW - 15 | 05/21/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |
| MW - 15 | 08/18/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |
| MW - 15 | 12/09/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |
| MW - 16 | 02/27/09 | | | 0.0481 | 0.0666 | 0.018 | 0.0379 | |
| MW - 16 | 05/21/09 | | | 0.0432 | 0.0509 | 0.0101 | 0.0219 | |
| MW - 16 | 08/18/09 | | | 0.0063 | 0.0057 | <0.001 | 0.0067 | |
| MW - 16 | 12/10/09 | | | 0.0033 | 0.0022 | 0.0027 | <0.001 | |
| MW - 17 | 02/26/09 | | | 0.0173 | 0.0119 | 0.0092 | 0.0258 | |
| MW - 17 | 05/21/09 | | | 0.0053 | <0.001 | <0.001 | <0.001 | |
| MW - 17 | 08/18/09 | | | 0.0035 | <0.001 | <0.001 | 0.0064 | |
| MW - 17 | 12/10/09 | | | 0.0015 | <0.001 | <0.001 | <0.001 | |
| MW - 18 | 02/26/09 | | | Not Sampled on Current Sample Schedule | | | | |
| MW - 18 | 05/21/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |
| MW - 18 | 08/18/09 | | | Not Sampled on Current Sample Schedule | | | | |
| MW - 18 | 12/09/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |

TABLE 2
2009 - CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

| SAMPLE LOCATION | SAMPLE DATE | SW 846-8015M GRO/DRO | | SW 846-8260b | | | | |
|------------------------|-------------|--|--|--|---------|-------------------|-------------------|---------------|
| | | GRO C ₆ -C ₁₂ mg/L | DRO >C ₁₂ -C ₃₅ mg/L | BENZENE | TOLUENE | ETHYL- BENZENE | m, p - XYLENES | o - XYLENE |
| NMOCD REGULATORY LIMIT | | | | 0.0100 | 0.75 | 0.75 | 0.62 | |
| MW - 19 | 02/26/09 | | | Not Sampled on Current Sample Schedule | | | | |
| MW - 19 | 05/21/09 | | | Not Sampled on Current Sample Schedule | | | | |
| MW - 19 | 08/18/09 | | | Not Sampled on Current Sample Schedule | | | | |
| MW - 19 | 12/09/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |
| MW - 21 | 02/26/09 | | | Not Sampled on Current Sample Schedule | | | | |
| MW - 21 | 05/21/09 | | | Not Sampled on Current Sample Schedule | | | | |
| MW - 21 | 08/18/09 | | | Not Sampled on Current Sample Schedule | | | | |
| MW - 21 | 12/09/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |
| MW - 23 | 02/26/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |
| MW - 23 | 05/21/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |
| MW - 23 | 08/18/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |
| MW - 23 | 12/09/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |
| MW - 24 | 02/26/09 | | | 0.0178 | 0.0282 | 0.0262 | 0.0448 | |
| MW - 24 | 05/21/09 | | | 0.0058 | 0.0076 | 0.0073 | 0.0137 | |
| MW - 24 | 08/18/09 | | | 0.0027 | 0.0041 | 0.0047 | 0.0081 | |
| MW - 24 | 12/09/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |
| MW - 25 | 02/26/09 | | | Not Sampled on Current Sample Schedule | | | | |
| MW - 25 | 05/21/09 | | | Not Sampled on Current Sample Schedule | | | | |
| MW - 25 | 08/18/09 | | | Not Sampled on Current Sample Schedule | | | | |
| MW - 25 | 12/09/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |
| MW - 26 | 02/27/09 | | | 0.5030 | 0.231 | 0.148 | 0.178 | |
| MW - 26 | 05/22/09 | | | 0.3680 | 0.0556 | 0.0579 | 0.0701 | |
| MW - 26 | 08/18/09 | | | 0.4220 | 0.0928 | 0.0745 | <0.010 | |
| MW - 26 | 12/10/09 | | | 0.3880 | 0.031 | 0.0408 | 0.0062 | |
| MW - 28 | 02/27/09 | | | Well Not Sampled | | | | |
| MW - 28 | 05/22/09 | | | 1.2500 | <0.001 | 0.158 | <0.001 | |
| MW - 28 | 08/18/09 | | | 0.9530 | <0.020 | 0.12 | <0.0200 | |
| MW - 28 | 12/10/09 | | | 0.8950 | <0.010 | 0.0639 | <0.010 | |
| MW - 29 | 02/27/09 | | | Well Not Sampled | | | | |
| MW - 29 | 05/22/09 | | | 1.160 | <0.001 | 0.313 | 0.132 | |
| MW - 29 | 08/18/09 | | | 1.180 | <0.010 | 0.316 | 0.0768 | |
| MW - 29 | 12/10/09 | | | 1.000 | <0.010 | 0.236 | <0.010 | |

TABLE 2
2009 - CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

| SAMPLE LOCATION | SAMPLE DATE | SW 846-8015M GRO/DRO | | SW 846-8260b | | | | |
|------------------------|-------------|--|--|--|---------|-------------------|-------------------|---------------|
| | | GRO C ₆ -C ₁₂ mg/L | DRO >C ₁₂ -C ₃₅ mg/L | BENZENE | TOLUENE | ETHYL- BENZENE | m, p - XYLENES | o - XYLENE |
| NMOCD REGULATORY LIMIT | | | | 0.0100 | 0.75 | 0.75 | 0.62 | |
| MW - 30 | 02/26/09 | | | Not Sampled on Current Sample Schedule | | | | |
| MW - 30 | 05/22/09 | | | Not Sampled on Current Sample Schedule | | | | |
| MW - 30 | 08/18/09 | | | Not Sampled on Current Sample Schedule | | | | |
| MW - 30 | 12/09/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |
| MW - 31 | 02/26/09 | | | Not Sampled on Current Sample Schedule | | | | |
| MW - 31 | 05/22/09 | | | Not Sampled on Current Sample Schedule | | | | |
| MW - 31 | 08/18/09 | | | Not Sampled on Current Sample Schedule | | | | |
| MW - 31 | 12/09/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |
| MW - 32 | 02/26/09 | | | Well Not Sampled | | | | |
| MW - 32 | 05/22/09 | | | 2.430 | 0.115 | 0.166 | 0.257 | |
| MW - 32 | 08/18/09 | | | 1.850 | <0.010 | 0.0577 | <0.010 | |
| MW - 32 | 12/10/09 | | | 1.660 | 0.0126 | 0.0478 | <0.010 | |
| MW - 33 | 02/26/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |
| MW - 33 | 05/21/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |
| MW - 33 | 08/18/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |
| MW - 33 | 12/09/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |
| MW - 34 | 02/27/09 | | | 0.4200 | <0.005 | <0.005 | <0.005 | |
| MW - 34 | 05/22/09 | | | 0.0296 | <0.005 | <0.005 | <0.005 | |
| MW - 34 | 08/18/09 | | | 0.0156 | <0.005 | <0.005 | <0.005 | |
| MW - 34 | 12/10/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |
| MW - 35 | 02/27/09 | | | 0.0500 | 0.0126 | 0.0305 | 0.0711 | |
| MW - 35 | 05/22/09 | | | 0.0560 | 0.0066 | 0.0208 | 0.0208 | |
| MW - 35 | 08/18/09 | | | 0.0236 | <0.001 | <0.001 | <0.001 | |
| MW - 35 | 12/10/09 | | | 0.0098 | <0.001 | <0.001 | 0.002 | |
| MW - 36 | 02/27/09 | | | 0.2670 | <0.010 | <0.010 | <0.010 | |
| MW - 36 | 05/22/09 | | | 0.1060 | <0.010 | <0.010 | <0.010 | |
| MW - 36 | 08/18/09 | | | 0.0663 | <0.010 | <0.010 | <0.010 | |
| MW - 36 | 12/10/09 | | | 0.0305 | <0.001 | <0.001 | <0.001 | |
| MW - 37 | 02/26/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |
| MW - 37 | 05/21/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |
| MW - 37 | 08/18/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |
| MW - 37 | 12/09/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |

TABLE 2
2009 - CONCENTRATIONS OF BTEX IN GROUNDWATER

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

All concentrations are reported in mg/L

| SAMPLE LOCATION | SAMPLE DATE | SW 846-8015M GRO/DRO | | SW 846-8260b | | | | |
|------------------------|-------------|--|--|--------------|---------|-------------------|-------------------|---------------|
| | | GRO C ₆ -C ₁₂ mg/L | DRO >C ₁₂ -C ₃₅ mg/L | BENZENE | TOLUENE | ETHYL- BENZENE | m, p - XYLENES | o - XYLENE |
| NMOCD REGULATORY LIMIT | | | | 0.0100 | 0.75 | 0.75 | 0.62 | |
| MW - 38 | 02/26/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |
| MW - 38 | 05/21/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |
| MW - 38 | 08/18/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |
| MW - 38 | 12/09/09 | | | 0.0070 | <0.001 | <0.001 | <0.001 | |
| | | | | | | | | |
| MW - 39 | 02/26/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |
| MW - 39 | 05/21/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |
| MW - 39 | 08/18/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |
| MW - 39 | 12/09/09 | | | <0.001 | <0.001 | <0.001 | <0.001 | |
| | | | | | | | | |
| MW - 40 | 02/27/09 | | | 0.2110 | <0.005 | <0.005 | <0.005 | |
| MW - 40 | 05/22/09 | | | 0.2240 | <0.005 | <0.005 | 0.0613 | |
| MW - 40 | 08/18/09 | | | 0.1900 | <0.005 | <0.005 | <0.005 | |
| MW - 40 | 12/10/09 | | | 0.0795 | <0.001 | <0.001 | <0.001 | |
| | | | | | | | | |

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

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

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

| EPA SW846-8270C, 3510 | | | | | | | | | | | | | | | | | | | | | |
|---|--|-------------|--------------|----------------------------------|------------|-------------------|---------------|---------------------|---------------------|---------------------|-------------|-----------------------|--------------|------------------------|-------------|--------------|-----------|---------------------|---------------------|--------------|-----------|
| SAMPLE LOCATION | | SAMPLE DATE | Acenaphthene | Acenaphthylene | Anthracene | Benz[a]anthracene | Benz[a]pyrene | Benz[b]fluoranthene | Benz[e,h,i]perylene | Benz[k]fluoranthene | Chrysene | Dibenz[a,h]anthracene | Fluoranthene | Indeno[1,2,3-cd]pyrene | Naphthalene | Phenanthrene | Pyrene | 1-Methylnaphthalene | 2-Methylnaphthalene | Dibenzofuran | |
| Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A. | | | — | — | — | 0.0002 mg/L | 0.0002 mg/L | 0.0002 mg/L | — | 0.0002 mg/L | 0.0002 mg/L | 0.0003 mg/L | — | 0.0004 mg/L | 0.03 mg/L | — | — | — | 0.03 mg/L | — | |
| | | | Not Sampled | Due to Insufficient Water Volume | <0.000184 | <0.000184 | <0.000184 | <0.000184 | <0.000184 | <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 |
| | | | 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 |
| | | | 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 |
| | | | 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 |
| | | | 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 |
| | | | 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 |
| | | | 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 |
| | | | 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 |
| MW-4 | | | Not Sampled | Due to Insufficient Water Volume | <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 | <0.00183 | <0.00183 | <0.00183 | |
| | | | 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 | <0.00183 | <0.00183 | <0.00183 | <0.00183 | <0.00183 |
| | | | 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 |
| | | | 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 |
| | | | 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 | <0.000917 | <0.000917 | <0.000917 | <0.000917 | <0.000917 | <0.000917 | <0.000917 |
| | | | 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 | <0.00463 | <0.00463 | <0.00463 | <0.00463 | <0.00463 |
| | | | 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 |
| | | | 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 |
| | | | 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 | <0.000917 | <0.000917 | <0.000917 | <0.000917 | <0.000917 | <0.000917 | <0.000917 |
| | | | 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 | <0.00463 | <0.00463 | <0.00463 | <0.00463 | <0.00463 |
| 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 | <0.000917 | <0.000917 | <0.000917 | <0.000917 | <0.000917 | <0.000917 | |
| | | | 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 | <0.00463 | <0.00463 | <0.00463 | <0.00463 | <0.00463 |
| | | | 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 |
| | | | 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 |
| | | | 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 | <0.000917 | <0.000917 | <0.000917 | <0.000917 | <0.000917 | <0.000917 | <0.000917 |
| | | | 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 | <0.00463 | <0.00463 | <0.00463 | <0.00463 | <0.00463 |
| | | | 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 |
| | | | 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 |
| | | | 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 | <0.000917 | <0.000917 | <0.000917 | <0.000917 | <0.000917 | <0.000917 | <0.000917 |
| | | | 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 | <0.00463 | <0.00463 | <0.00463 | <0.00463 | <0.00463 |
| 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 | <0.000184 | <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 |
| | | | 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 | <0.000917 | <0.000917 | <0.000917 | <0.000917 | <0.000917 | <0.000917 | <0.000917 |
| | | | 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 | <0.00463 | <0.00463 | <0.00463 | <0.00463 | <0.00463 |
| | | | 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 |
| | | | 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 |
| | | | 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 | <0.000917 | <0.000917 | <0.000917 | <0.000917 | <0.000917 | <0.000917 | <0.000917 |
| | | | 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 | <0.00463 | <0.00463 | <0.00463 | <0.00463 | <0.00463 |
| | | | 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 |
| | | | 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 |
| 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 | |
| | | | 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 |
| | | | 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 | <0.000917 | <0.000917 | <0.000917 | <0.000917 | <0.000917 | <0.000917 | <0.000917 |
| | | | 12/10/09 | <0.00463 | <0.00463 | <0.00 | | | | | | | | | | | | | | | |

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOC D REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

[illegible]

TABLE 3

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

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

All water concentrations are reported in mg/L

EPA SW846-9270C, 3510

| SAMPLE LOCATION | SAMPLE DATE | Acenaphthene | Acenaphthylene | Anthracene | Benzo[a]anthracene | Benzo[a]pyrene | Benzo[b]fluoranthene | Benzo[k]fluoranthene | Chrysene | Dibenz[a,h]anthracene | Fluoranthene | Indeno[1,2,3-cd]pyrene | Naphthalene | Phenanthrene | Pyrene | 1-Methylnaphthalene | 2-Methylnaphthalene | Dibenzofuran |
|---|-------------|--------------|----------------|------------|--------------------|----------------|----------------------|----------------------|-------------|-----------------------|--------------|------------------------|-------------|--------------|-----------|---------------------|---------------------|--------------|
| Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A. | | — | — | — | 0.0002 mg/L | — | 0.0002 mg/L | 0.0002 mg/L | 0.0002 mg/L | 0.0003 mg/L | — | — | 0.0004 mg/L | 0.03 mg/L | — | — | 0.03 mg/L | — |
| MW-25 | 12/1/08 | <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 |
| | 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 |
| MW-26 | 12/1/08 | <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 |
| | 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 |
| MW-28 | 12/1/08 | <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 |
| | 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 |
| MW-29 | 12/1/08 | <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 |
| | 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 |
| MW-30 | 12/1/08 | <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 |
| | 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 |
| MW-31 | 12/1/08 | <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 |
| | 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 |
| MW-32 | 12/1/08 | <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 |
| | 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 |
| MW-33 | 12/1/08 | <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 |
| | 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 |
| MW-34 | 12/1/08 | <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 |
| | 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 |
| MW-35 | 12/1/08 | <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 |
| | 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 |

TABLE 3

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOC REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

EPA SW846-8270C, 3510

| SAMPLE LOCATION | SAMPLE DATE | Acenaphthene | Acenaphthylene | Anthracene | Benzo[a]anthracene | Benzo[a]pyrene | Benzo[b]fluoranthene | Benzo[k]fluoranthene | Chrysene | Dibenz[a,h]anthracene | Fluoranthene | Indeno[1,2,3-cd]pyrene | Naphthalene | Phenanthrene | Pyrene | 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 | 0.0003 mg/L | — | — | 0.0004 mg/L | 0.03 mg/L | — | — | 0.03 mg/L | — |
| | MW-36 | <0.000184 | <0.000184 | <0.000184 | <0.000184 | <0.000184 | <0.000184 | <0.000184 | <0.000184 | <0.000184 | <0.000184 | <0.000184 | <0.000184 | <0.000184 | <0.000184 | <0.000184 | <0.000184 | <0.000184 |
| | 12/11/08 | <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 |
| | 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 |
| | | | | | | | | | | | | | | | | | | |
| | MW-37 | <0.000184 | <0.000184 | <0.000184 | <0.000184 | <0.000184 | <0.000184 | <0.000184 | <0.000184 | <0.000184 | <0.000184 | <0.000184 | <0.000184 | <0.000184 | <0.000184 | <0.000184 | <0.000184 | <0.000184 |
| | 12/11/08 | <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 |
| | 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 |
| | | | | | | | | | | | | | | | | | | |
| | MW-38 | <0.000184 | <0.000184 | <0.000184 | <0.000184 | <0.000184 | <0.000184 | <0.000184 | <0.000184 | <0.000184 | <0.000184 | <0.000184 | <0.000184 | <0.000184 | <0.000184 | <0.000184 | <0.000184 | <0.000184 |
| | 12/11/08 | <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 |
| | 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 |
| | | | | | | | | | | | | | | | | | | |
| | MW-39 | <0.000183 | <0.000183 | <0.000183 | <0.000183 | <0.000183 | <0.000183 | <0.000183 | <0.000183 | <0.000183 | <0.000183 | <0.000183 | <0.000183 | <0.000183 | <0.000183 | <0.000183 | <0.000183 | <0.000183 |
| | 12/11/08 | <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 |
| | 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 |
| | | | | | | | | | | | | | | | | | | |
| | MW-40 | <0.000183 | <0.000183 | <0.000183 | <0.000183 | <0.000183 | <0.000183 | <0.000183 | <0.000183 | <0.000183 | <0.000183 | <0.000183 | <0.000183 | <0.000183 | <0.000183 | <0.000183 | <0.000183 | <0.000183 |
| | 12/11/08 | <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 |
| | 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 |

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

☒ 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: New Mexico State Land Office | Mineral Owner | Lease No. |
|--|---------------|-----------|

LOCATION OF RELEASE

| | | | | | | | | |
|------------------|---------------|-----------------|--------------|---------------|------------------|---------------|----------------|---------------|
| Unit Letter F | Section 18 | Township 18S | Range 36E | Feet from the | North/South Line | Feet from the | East/West Line | County 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 <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom? | |
| By Whom? | Date and Hour | |
| Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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.

OIL CONSERVATION DIVISION

| | | | |
|--------------------------------------|----------------------------------|------------------|-----------------------------------|
| Signature: | Approved by District Supervisor: | | |
| Printed Name: Camille Reynolds | | | |
| Title: Remediation Coordinator | Approval Date: | Expiration Date: | |
| E-mail Address: cjreynolds@paalp.com | Conditions of Approval: | | Attached <input type="checkbox"/> |
| Date: 3/21/2005 | Phone: (505)441-0965 | | |

* Attach Additional Sheets If Necessary