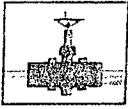


AP - 7

Darr Angell #4

**ANNUAL  
MONITORING REPORT**

**YEAR(S):**  
2010



**PLAINS  
ALL AMERICAN**

RECEIVED

March 23, 2011

MAR 29 2011

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

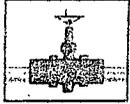
Oil Conservation Division  
1220 S. St. Francis Drive  
Santa Fe, NM 87505

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

Dear Mr. Hansen:

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

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



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

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

Sincerely,

Jason Henry  
Remediation Coordinator  
Plains All American

CC: Geoff Leking, NMOCD, Hobbs, NM

Enclosures



2010  
ANNUAL MONITORING REPORT

**DARR ANGELL #4**  
LEA COUNTY, NEW MEXICO  
NW ¼ NE ¼ SECTION 11, TOWNSHIP 15 SOUTH, RANGE 37 EAST  
SW ¼ SE ¼ SECTION 2, TOWNSHIP 15 SOUTH, RANGE 37 EAST  
PLAINS SRS NUMBER: 2001-10876  
NMOCD Reference AP-007

PREPARED FOR:

**PLAINS MARKETING, L.P.**  
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HOUSTON, TEXAS 77002



PREPARED BY:

**NOVA Safety and Environmental**  
2057 Commerce  
Midland, Texas 79703

March 2011

Ronald K. Rounsaville  
Senior Project Manager

Brittan K. Byerly, P.G.  
President

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## ENCLOSED ON DATA DISK

2010 Annual Monitoring Report

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

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

Electronic Copies of Laboratory Reports

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

## INTRODUCTION

On behalf of Plains Marketing, L.P., (Plains), NOVA Safety and Environmental (NOVA) is pleased to submit this Annual Monitoring Report in compliance with the New Mexico Oil Conservation Division (NMOCD) letter of May 1998, requiring submittal of an Annual Monitoring Report by April 1<sup>st</sup> of each year. Beginning on May 29, 2004, project management responsibilities for the Darr Angell #4 Pipeline Release Site (the site) were assumed by NOVA. The site, formerly the responsibility of Enron Oil Trading and Transportation (EOTT), is now the responsibility of Plains. This report is intended to be viewed as a complete document with text, figures, tables, and appendices. This report presents the results of the quarterly groundwater monitoring events conducted in calendar year 2010 only. However, historic data tables as well as 2010 laboratory analytical reports are provided on the enclosed disk. For reference, the Site Location Map is provided as Figure 1.

Groundwater monitoring was conducted during each quarter of 2010 to assess the levels and extent of dissolved phase constituents and Phase Separated Hydrocarbon (PSH). Each groundwater monitoring event consisted of measuring static water levels in monitor wells, checking for the presence of PSH on the water column and purging and sampling of each well exhibiting sufficient recharge. Groundwater from monitor wells containing a thickness of PSH greater than 0.01 foot were not sampled.

## SITE DESCRIPTION AND BACKGROUND INFORMATION

The legal description of the site is NW  $\frac{1}{4}$  NE  $\frac{1}{4}$  Section 11, Township 15 South, Range 37 East and SW  $\frac{1}{4}$  SE  $\frac{1}{4}$  Section 2, Township 15 South, Range 37 East. The Darr Angell #4 Release Site is the result of two separate releases originally discovered by EOTT Energy. The dates of discovery are November 9, 1999 and February 2, 2001. According to the 2001 release notification report, an estimated 150 barrels of crude oil was released with 95 barrels recovered. These releases occurred from an 8-inch EOTT pipeline and were attributed to structural failure associated with internal pipeline corrosion. The Release Notification and Corrective Action (Form C-141) is provided in Appendix A.

Following completion of pipeline repair actions, approximately 2,364 cubic yards (cy) of soil was excavated and stockpiled on-site. Of this volume, approximately 684 cubic yards of heavily impacted soil was transported to the Goo-Yea Landfarm (Permit # NM-01-0015) for disposal. Beginning in May 2001, an additional 6,650 cubic yards (cy) of soil was excavated. Stockpiled soil was treated mechanically with a soil shredding machine and fertilizer was incorporated to enhance biodegradation. Previous consultants completed the initial soil remediation and groundwater investigation activities.

In July 2008, monitor well MW-1 was properly plugged and abandoned and replaced with monitor well MW-1A. Currently, sixteen groundwater monitor wells (MW-1A through MW-16) and thirteen product recovery wells (RW-1 through RW-13) are on-site. A pneumatic product recovery system operated onsite throughout 2010. Manual PSH recovery techniques were utilized on a weekly schedule for monitor and recovery wells (exhibiting PSH) not connected to the automated recovery system.

## FIELD ACTIVITIES

### Product Recovery Efforts

A measurable thickness of PSH was recorded in ten recovery wells (RW-1 through RW-4 and RW-7 through RW-12) throughout the reporting period. The average thickness of PSH in the recovery wells displaying PSH was 1.15 feet. The maximum thickness of PSH in monitor wells or recovery wells was 6.13 feet as recorded in monitor well RW-11 on June 1 and August 24, 2010. PSH data for the 2010 gauging events can be found in Table 1. Approximately 750 gallons (17.9 barrels) of PSH was recovered from the site by automated and manual methods during the 2010 reporting period. Total recovery since project inception is approximately 13,277 gallons (316 barrels). Recovered PSH was reintroduced into the Plains transportation system at the 34 Junction South Station, near Lovington, New Mexico.

During the 2010 reporting period, automated recovery pumps were located in recovery wells RW-1, RW-2, RW-3, RW-10 and RW-11. Monitor or recovery wells containing PSH and not connected to the automated recovery system are manually bailed on a weekly schedule.

### 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 correspondence dated June 21, 2005.

|       |               |       |           |       |           |
|-------|---------------|-------|-----------|-------|-----------|
| MW-1A | Annually      | MW-11 | Annually  | RW-4  | Quarterly |
| MW-2  | Annually      | MW-12 | Annually  | RW-5  | Quarterly |
| MW-3  | Quarterly     | MW-13 | Annually  | RW-6  | Quarterly |
| MW-4  | Annually      | MW-14 | Quarterly | RW-7  | Quarterly |
| MW-5  | Annually      | MW-15 | Quarterly | RW-8  | Quarterly |
| MW-6  | Quarterly     | MW-16 | Quarterly | RW-9  | Quarterly |
| MW-7  | Annually      |       |           | RW10  | Quarterly |
| MW-8  | Quarterly     | RW-1  | Quarterly | RW-11 | Quarterly |
| MW-9  | Semi-Annually | RW-2  | Quarterly | RW-12 | Quarterly |
| MW-10 | Quarterly     | RW-3  | Quarterly | RW-13 | Quarterly |

The site monitor wells were gauged and sampled on February 17, June 1, August 24, and November 23 2010. During each sampling event, monitor wells were purged of a minimum of three well volumes of water or until the wells failed to produce water. Purging was performed using a disposable polyethylene bailer for each well or electrical Grundfos pump and dedicated tubing. Groundwater was allowed to recharge and samples were collected using disposable Teflon samplers. Water samples were placed in clean glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of at a licensed disposal facility.

Locations of the monitor wells and the inferred groundwater gradient, which were constructed from measurements collected during each quarterly sampling event of 2010, are depicted on the Inferred Groundwater Gradient Maps, Figures 2A-2D. Groundwater elevation data for 2010 is

provided as Table 1. Historic groundwater elevation data beginning at project inception is provided on the enclosed data disk.

The most recent Inferred Groundwater Gradient Map, Figure 2D, indicates a general gradient of approximately 0.005 feet/foot to the southeast as measured between RW-3 and MW-15. This is consistent with data presented on Figures 2A through 2C from earlier in the year. The corrected groundwater elevations ranged between 3729.21 and 3731.65 feet above mean sea level, in MW-15 and RW-3 on January 13, 2010, respectively.

## LABORATORY RESULTS

Recovery wells RW-1 through RW-4 and RW-7 through RW-12 contained measurable PSH throughout the reporting period and were not sampled during 2010. Monitor well MW-13 was not sampled in the 4<sup>th</sup> quarter due to insufficient groundwater volume in the well.

Groundwater samples obtained during the quarterly sampling events of 2010 were delivered to Trace Analysis, Inc. in Midland, Texas for determination of Benzene, Toluene, Ethylbenzene and Xylene (BTEX) constituent concentrations by EPA Method 8021B. Polynuclear Aromatic Hydrocarbons (PAH) analysis was conducted during the 2010 calendar year on recovery well RW-6. Based upon historic PAH analytical data, only those wells exhibiting elevated constituent concentrations above WQCC standards are sampled, with the exclusion of those wells containing measurable PSH thicknesses. A listing of BTEX constituent concentrations for 2010 are summarized in Table 2 and the Historic PAH constituent concentrations are summarized in Table 3. Copies of the laboratory reports generated for 2010 are provided on the enclosed data disk. The quarterly groundwater sample results for BTEX constituent concentrations are depicted on Figures 3A through 3D.

**Monitor well MW-1A** is sampled on an annual schedule. 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 4<sup>th</sup> quarter sampling event. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event.

**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 during the 4<sup>th</sup> quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last thirty-five consecutive quarters. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event.

**Monitor well MW-3** is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-five consecutive quarters. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event.

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

**Monitor well MW-5** is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the 4<sup>th</sup> quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-nine consecutive quarters. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event.

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

**Monitor well MW-7** is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the 4<sup>th</sup> quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-nine consecutive quarters. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event.

**Monitor well MW-8** is sampled on a quarterly schedule. Analytical results indicate benzene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of the reporting period. Toluene concentrations ranged from <0.001 mg/L in the 1<sup>st</sup>, 2<sup>nd</sup> and 4<sup>th</sup> quarters to 0.005 mg/L in the 3<sup>rd</sup> quarter of 2010. Toluene concentrations were below the NMOCD regulatory standards during the all four quarters of the reporting period. Ethyl-benzene concentrations ranged from 0.0028 mg/L during the 1<sup>st</sup> quarter to 0.0065 mg/L during the 3<sup>rd</sup> quarter of 2010. Ethyl-benzene concentrations were below NMOCD regulatory standards during the all four quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 1<sup>st</sup> and 2<sup>nd</sup> quarters to 0.0181 mg/L during the 3<sup>rd</sup> quarter of 2010. Xylene concentrations were below NMOCD regulatory standards during the all four quarters of the reporting period. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event.

**Monitor well MW-9** is sampled on a semi-annual schedule and analytical results indicate BTEX constituent concentrations were below MDL and NMOCD regulatory standards in the 2<sup>nd</sup> and 4<sup>th</sup> quarters of 2010. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last sixteen consecutive quarters. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event.

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

BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-five consecutive quarters. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event.

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

**Monitor well MW-12** is sampled on an annual schedule and analytical results indicated benzene concentrations were above the NMOCD regulatory standard during the 4<sup>th</sup> quarter of the reporting period with a concentration of 0.6580 mg/L. Toluene concentrations were below the MDL and NMOCD regulatory standards during the 4<sup>th</sup> quarter of the reporting period with a concentration of <0.005 mg/L. Ethyl-benzene concentrations were below NMOCD regulatory standards during the 4<sup>th</sup> quarter of the reporting period with a concentration of 0.0187 mg/L. Xylene concentrations were below the MDL and NMOCD regulatory standards during the 4<sup>th</sup> quarter of the reporting period with a concentration of <0.005 mg/L. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event.

**Monitor well MW-13** is sampled on an annual schedule. Monitor well MW-13 was not sampled during the 4<sup>th</sup> quarter due to insufficient water volume in the well. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event.

**Monitor well MW-14** is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-four consecutive quarters. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event.

**Monitor well MW-15** is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> quarters to 0.0042 mg/L during the 1<sup>st</sup> quarter of 2010. Benzene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Toluene and 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 1<sup>st</sup>, 3<sup>rd</sup> and 4<sup>th</sup> quarters to 0.0037 mg/L during the 2<sup>nd</sup> quarter of 2010. Xylene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event.

**Monitor well MW-16** is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last

twenty-five consecutive quarters. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event.

**Recovery well RW-1** is monitored on a quarterly schedule. Recovery well RW-1 was not sampled during the 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> quarters of the reporting period, due to the presence of PSH. PSH thicknesses of <1.00 feet, <1.00 feet, 1.13 feet and 1.14 feet were reported during the 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> quarters of 2010, respectively. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event, due to the presence of PSH.

**Recovery well RW-2** is monitored on a quarterly schedule. Recovery well RW-2 was not sampled during the 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 1.02 feet, 1.15 feet, 1.23 feet and 1.27 feet were reported during the 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> quarters of 2010, respectively. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event, due to the presence of PSH.

**Recovery well RW-3** is monitored on a quarterly schedule. Recovery well RW-3 was not sampled during the 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 1.20 feet, <1.00 feet, 0.87 feet and 0.88 feet were reported during the 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> quarters of 2010, respectively. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event, due to the presence of PSH.

**Recovery well RW-4** is monitored on a quarterly schedule. Recovery well RW-4 was not sampled during the 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses could not be measured due to the lack of groundwater in the recovery well during gauging. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event, due to the presence of PSH.

**Recovery well RW-5** is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.0053 mg/L during the 3<sup>rd</sup> quarter to 0.0172 mg/L during the 1<sup>st</sup> quarter of 2010. Benzene concentrations were above NMOCD regulatory standards during the 1<sup>st</sup> and 2<sup>nd</sup> quarters of the reporting period. Toluene concentrations ranged from <0.001 mg/L during the 1<sup>st</sup> and 2<sup>nd</sup> quarters to 0.0041 mg/L during the 4<sup>th</sup> quarter of 2010. Toluene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Ethyl-benzene concentrations ranged from 0.0541 mg/L during the 3<sup>rd</sup> quarter to 0.1260 mg/L during the 1<sup>st</sup> quarter of 2010. Ethyl-benzene concentrations were below the NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from 0.1510 mg/L during the 3<sup>rd</sup> quarter to 0.3920 mg/L during the 1<sup>st</sup> quarter of 2010. Xylene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event.

**Recovery well RW-6** is monitored on a quarterly schedule. Analytical results indicate benzene concentrations ranged from 0.1470 mg/L during the 3<sup>rd</sup> quarter to 0.2850 mg/L during the 1<sup>st</sup> quarter of 2010. Benzene concentrations were above NMOCD regulatory standards during all four quarters of the reporting period. Toluene concentrations ranged from 0.2460 mg/L during the 3<sup>rd</sup> quarter to 0.6050 mg/L during the 1<sup>st</sup> quarter of 2010. Toluene concentrations were below

NMOCD regulatory standards during all four quarters of the reporting period. Ethyl-benzene concentrations ranged from 0.4910 mg/L during the 3<sup>rd</sup> quarter to 0.6750 mg/L during the 2<sup>nd</sup> quarter of 2010. Ethyl-benzene concentrations were below the NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from 1.420 mg/L during the 3<sup>rd</sup> quarter to 2.170 mg/L during the 2<sup>nd</sup> quarter of 2010. Xylene concentrations were above NMOCD regulatory standards during all four quarters of the reporting period. PAH analysis during the 4<sup>th</sup> quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for naphthalene (0.0486 mg/L), 1-methylnaphthalene (0.0529 mg/L) and 2-methylnaphthalene (0.0633 mg/L). Additional PAH constituents detected above MDLs include fluorene (0.00513 mg/L) and dibenzofuran (0.00378 mg/L), which are below WQCC standards.

**Recovery well RW-7** is monitored on a quarterly schedule. Recovery well RW-7 was not sampled during the 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 0.73 feet, 1.79 feet, 0.24 feet and 0.27 feet were reported during the 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> quarters of 2010, respectively. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event, due to the presence of PSH.

**Recovery well RW-8** is monitored on a quarterly schedule. Recovery well RW-8 was not sampled during the 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 1.41 feet, 0.76 feet, 0.66 feet and 0.68 feet were reported during the 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> quarters of 2010, respectively. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event, due to the presence of PSH.

**Recovery well RW-9** is monitored on a quarterly schedule. Recovery well RW-9 was not sampled during the 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 1.64 feet, 0.83 feet, 0.76 feet and 0.72 feet were reported during the 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> quarters of 2010, respectively. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event, due to the presence of PSH.

**Recovery well RW-10** is monitored on a quarterly schedule. Recovery well RW-10 was not sampled during the 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 4.34 feet, 3.17 feet and 3.25 feet were reported during the 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> quarters of 2010, respectively. RW-10 was inadvertently not gauged during the 4<sup>th</sup> quarter. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event, due to the presence of PSH.

**Recovery well RW-11** is monitored on a quarterly schedule. Recovery well RW-11 was not sampled during the 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 5.74 feet, 6.13 feet, 6.13 feet and 6.06 feet were reported during the 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> quarters of 2010, respectively. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event, due to the presence of PSH.

**Recovery well RW-12** is monitored on a quarterly schedule. Recovery well RW-12 was not sampled during the 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 0.95 feet, 0.55 feet, 0.33 feet and 0.26 feet were

reported during the 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> quarters of 2010, respectively. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event, due to the presence of PSH.

**Recovery well RW-13** is monitored on a quarterly schedule. Analytical results indicate benzene concentrations ranged from 0.537 mg/L during the 3<sup>rd</sup> quarter to 2.060 mg/L during the 4<sup>th</sup> quarter of 2010. Benzene concentrations were above NMOCD regulatory standards during all four quarters of the reporting period. Toluene concentrations ranged from <0.200 mg/L during the 3<sup>rd</sup> quarter to 2.660 mg/L during the 4<sup>th</sup> quarter of 2010. Toluene concentrations were above NMOCD regulatory standards during the 2<sup>nd</sup> and 4<sup>th</sup> quarters of the reporting period. Ethylbenzene concentrations ranged from 0.410 mg/L during the 3<sup>rd</sup> quarter to 3.060 mg/L during the 4<sup>th</sup> quarter of 2010. Ethylbenzene concentrations were above the NMOCD regulatory standards during the 2<sup>nd</sup> and 4<sup>th</sup> quarters of the reporting period. Xylene concentrations ranged from 1.160 mg/L during the 3<sup>rd</sup> quarter to 9.500 mg/L during the 4<sup>th</sup> quarter of 2010. Xylene concentrations were above NMOCD regulatory standards during all four quarters of the reporting period. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event.

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

## SUMMARY

This report presents the results of monitoring activities for the 2010 annual monitoring period. Currently, there are sixteen groundwater monitor wells (MW-1A through MW-16) and thirteen product recovery wells (RW-1 through RW-13) on-site.

Recovery wells RW-1 through RW-4 and RW-7 through RW-12 contained measurable PSH throughout the reporting period and were not sampled during the four quarters of the reporting period. Monitor well MW-13 was not sampled during the 4<sup>th</sup> quarter sampling event, due to insufficient groundwater volume within the well.

A pneumatic product recovery system operated on-site throughout 2010. Manual PSH recovery techniques were utilized on a weekly schedule for monitor and recovery wells (exhibiting PSH) not connected to the automated system.

Approximately 750 gallons (17.9 barrels) of PSH was recovered from the site by automated and manual methods during the 2010 reporting period. Total recovery since project inception is approximately 13,277 gallons (316 barrels).

The average thickness of PSH during 2010, in wells containing PSH was 1.15 feet. Fourth quarter groundwater elevation contours (Figure 2D) generated from water level measurements acquired, indicated a general gradient of approximately 0.005 feet/foot to the southeast.

Review of laboratory analytical results of the groundwater samples obtained during the 2010 monitoring period indicate the BTEX constituent concentrations are below applicable NMOCD standards in fourteen of the sixteen monitor wells currently on-site. The remaining two monitor

wells and thirteen recovery wells contained measurable thicknesses of PSH and were not sampled or exhibited analytical results above the NMOCD regulatory standard during at least one quarterly monitoring event of 2010. Dissolved phase impact appears to be limited to monitor well MW-12 and recovery wells RW-5, RW-6 and RW-13 and to the remaining recovery wells which exhibit PSH.

Analytical results on groundwater samples collected from recovery well RW-6 indicate PAH concentrations are demonstrating an increasing trend.

#### **ANTICIPATED ACTIONS**

Groundwater monitoring, weekly manual product recovery, automated system PSH recovery and maintenance and system optimization will continue through 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, further PAH analysis be conducted only on those recovery wells (RW-6) which has historically exhibited elevated constituents near or above the WQCC standards.

#### **LIMITATIONS**

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

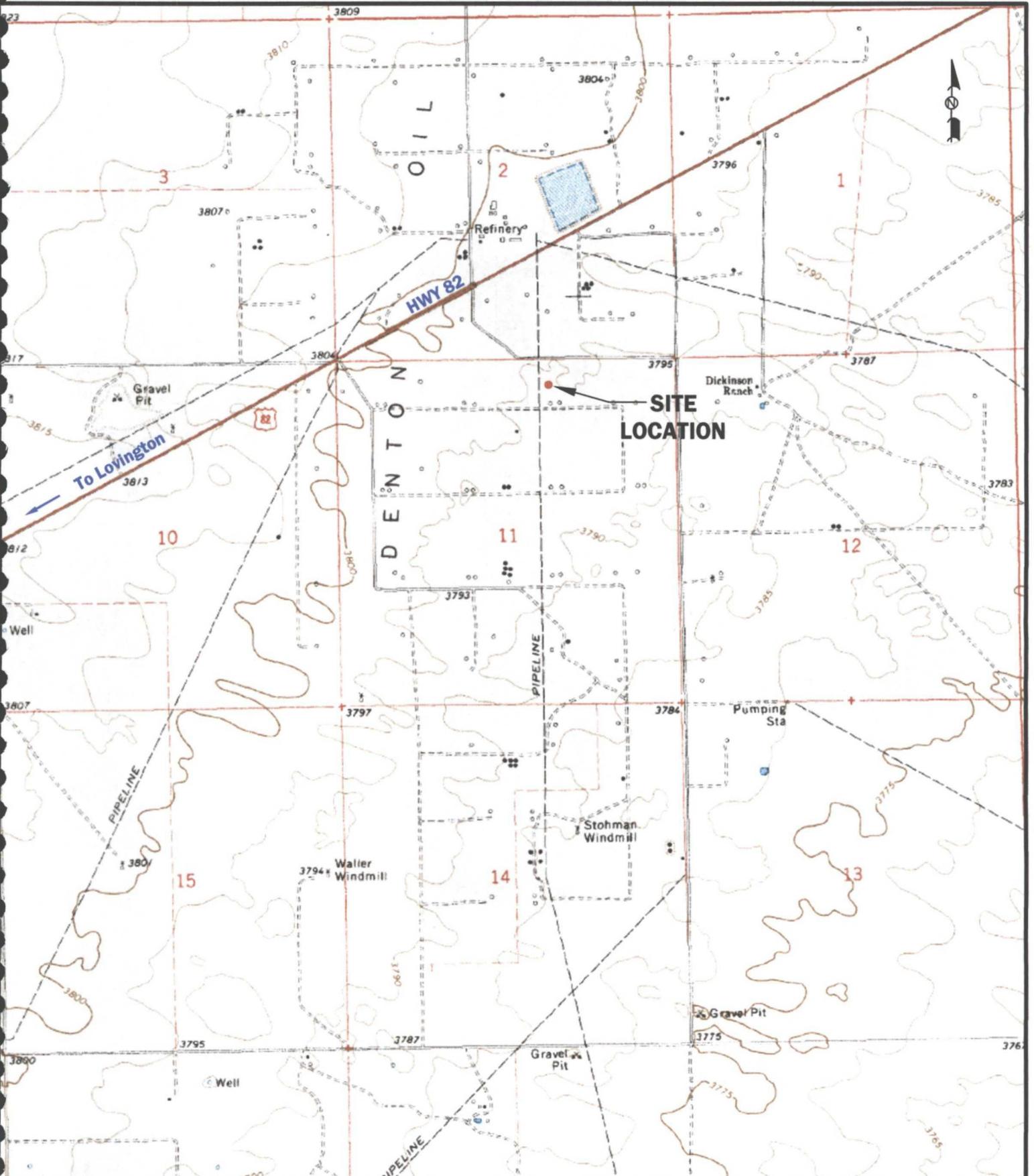
NOVA has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. NOVA has not conducted an independent examination of the facts contained in referenced materials and statements. We have presumed the genuineness of the documents and that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

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

## DISTRIBUTION

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2057 Commerce Street  
Midland, TX 79703  
rrounsaville@novatraining.cc

# Figures



**LEGEND:**

2000 1000 0 1000 2000

Distance in Feet

**Figure 1**

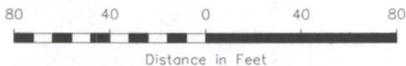
**Site Location Map**  
**Plains Marketing, L.P.**  
**Darr Angell # 4**  
**Lea County, NM**

**NOVA**  
 safety and environmental

2057 Commerce Drive  
 Midland, Texas 79703  
 432.520.7720

[www.novasafetyandenvironmental.com](http://www.novasafetyandenvironmental.com)

|   |                   |            |                 |
|---|-------------------|------------|-----------------|
| February 4, 2011                            | Scale: 1" = 2000' | CAD By: TA | Checked By: RKR |
| Lat. N 33° 2' 17.88" Long. W 103° 10' 4.62" |                   |            |                 |



**NOTES:**

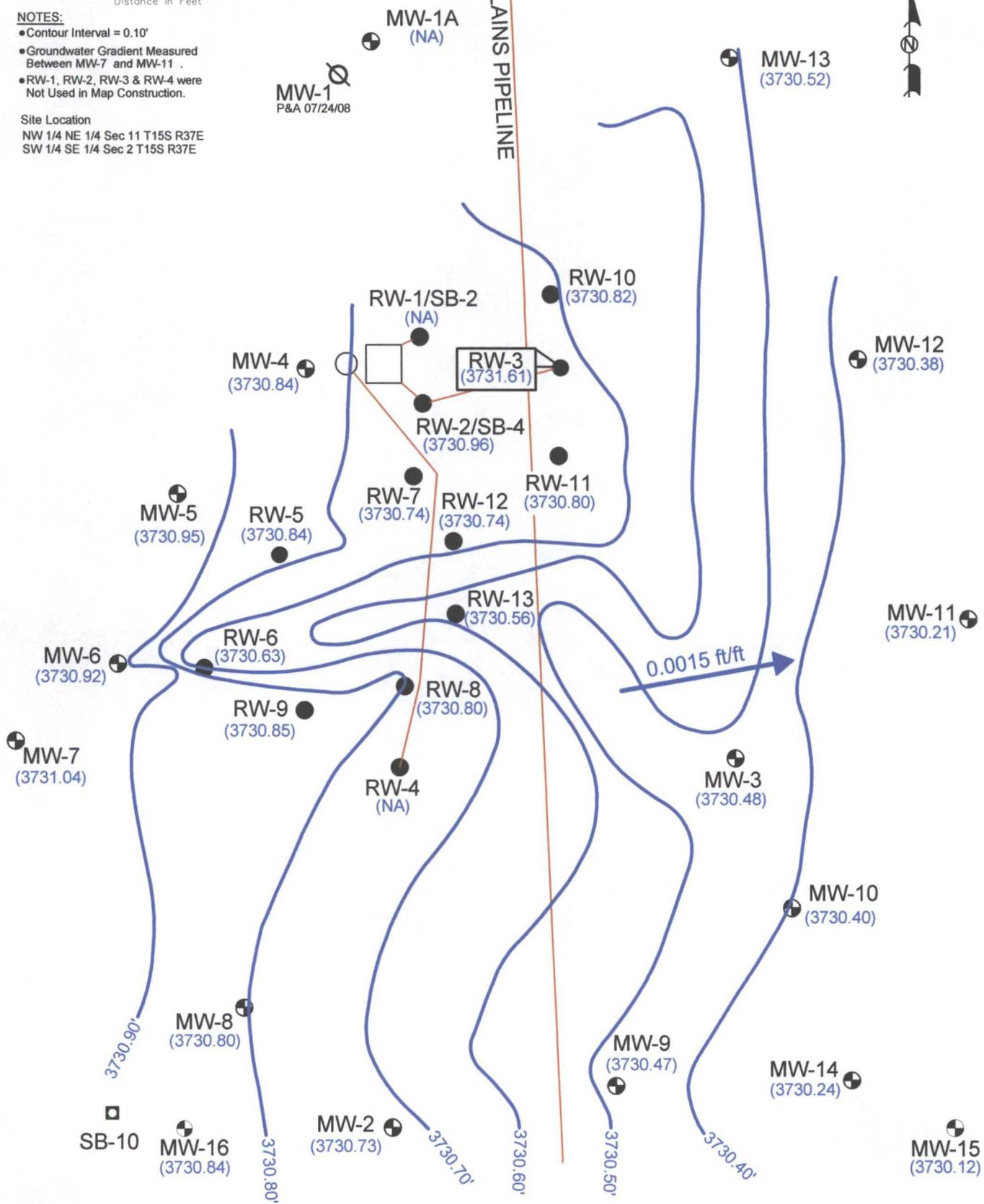
- Contour Interval = 0.10'
- Groundwater Gradient Measured Between MW-7 and MW-11
- RW-1, RW-2, RW-3 & RW-4 were Not Used in Map Construction.

**Site Location**

NW 1/4 NE 1/4 Sec 11 T15S R37E  
SW 1/4 SE 1/4 Sec 2 T15S R37E



PLAINS PIPELINE



NMOCD Ref# AP-007

**LEGEND:**

- Monitor Well Location
- Recovery Well Location
- Pipeline
- Groundwater Elevation Contour Line
- 0.001 ft/ft → Groundwater Gradient and Magnitude
- (3733.93) Groundwater Elevation (feet)
- ⊘ Plugged Well
- Poly Tank
- Shed
- (NW) No Groundwater Encountered

**Figure 2A**  
Inferred Groundwater  
Gradient Map  
(02/17/2010)  
Plains Marketing, L.P.  
Darr Angell #4  
Lea County, NM

**NOVA Safety and Environmental**



|               |                                  |                 |
|---------------|----------------------------------|-----------------|
| Scale: 1"=80' | CAD By: SAT                      | Checked By: RKR |
| May 20, 2010  | 33° 02' 17.4" N 103° 10' 04.4" W |                 |

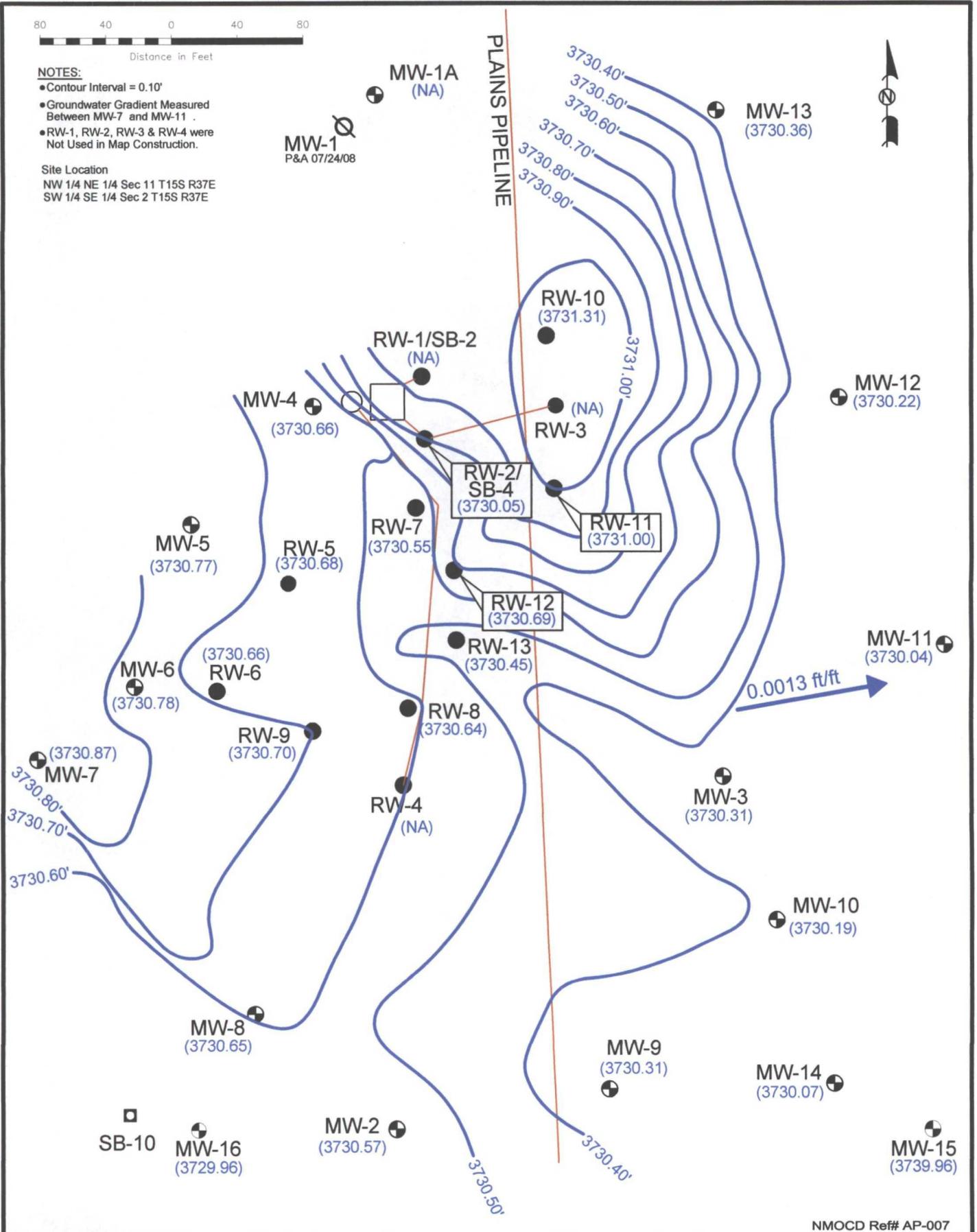


**NOTES:**

- Contour Interval = 0.10'
- Groundwater Gradient Measured Between MW-7 and MW-11
- RW-1, RW-2, RW-3 & RW-4 were Not Used in Map Construction.

**Site Location**

NW 1/4 NE 1/4 Sec 11 T15S R37E  
SW 1/4 SE 1/4 Sec 2 T15S R37E



NMOCD Ref# AP-007

| LEGEND: |  |
|---------|--|
|         | (3733.93) Groundwater Elevation (feet) |
|         |  |
|         |  |
|         |  |
|         |  |

**Figure 2B**  
**Inferred Groundwater Gradient Map**  
 (06/01/2010)  
 Plains Marketing, L.P.  
 Darr Angell #4  
 Lea County, NM

**NOVA Safety and Environmental**

|               |                                  |                 |
|---------------|----------------------------------|-----------------|
| Scale: 1"=80' | CAD By: DGC                      | Checked By: RKR |
| June 19, 2010 | 33° 02' 17.4" N 103° 10' 04.4" W |                 |





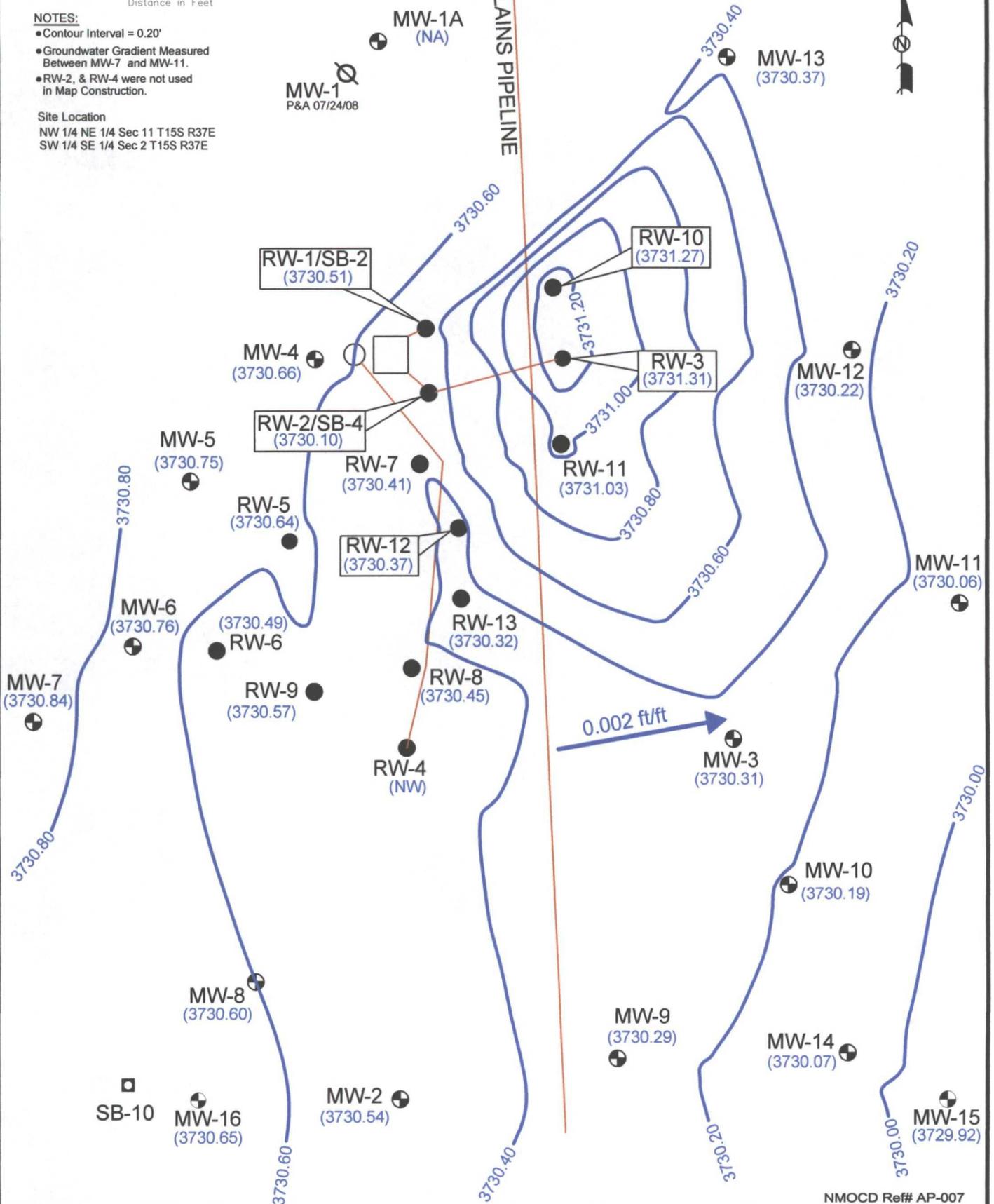
**NOTES:**

- Contour Interval = 0.20'
- Groundwater Gradient Measured Between MW-7 and MW-11.
- RW-2, & RW-4 were not used in Map Construction.

**Site Location**

NW 1/4 NE 1/4 Sec 11 T15S R37E  
 SW 1/4 SE 1/4 Sec 2 T15S R37E

PLAINS PIPELINE



NMOCD Ref# AP-007

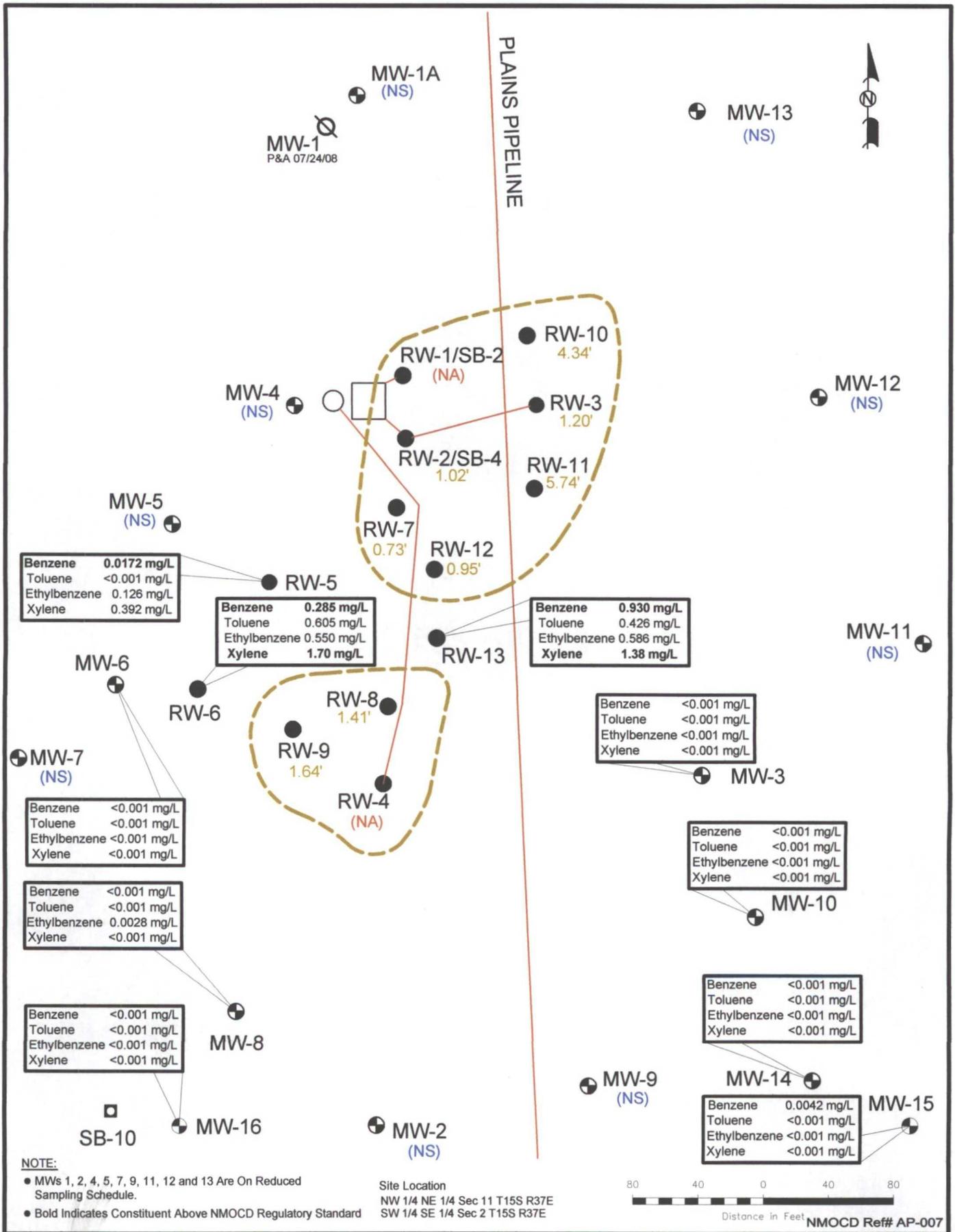
| LEGEND: |  | (3733.93) Groundwater Elevation (feet) |
|---------|--|--|
|         | Monitor Well Location                          | Plugged Well                           |
|         | Recovery Well Location                         | Poly Tank                              |
|         | Pipeline                                       | Shed                                   |
|         | Groundwater Elevation Contour Line             | (NW) No Groundwater Encountered        |
|         | 0.001 ft/ft Groundwater Gradient and Magnitude | (NA) Not Available                     |

**Figure 2C**  
 Inferred Groundwater Gradient Map  
 (08/24/2010)  
 Plains Marketing, L.P.  
 Darr Angell #4  
 Lea County, NM

**NOVA Safety and Environmental**

|                    |                                  |                 |
|--------------------|----------------------------------|-----------------|
| Scale: 1"=80'      | CAD By: TA                       | Checked By: RKR |
| September 14, 2010 | 33° 02' 17.4" N 103° 10' 04.4" W |                 |





**Figure 3A**  
 Groundwater Concentration  
 and Inferred PSH Extent  
 (02/17/2010)  
 Plains Marketing, L.P.  
 Darr Angell #4  
 Lea County, NM

**NOVA Safety and Environmental**

|               |                                  |                 |
|---------------|----------------------------------|-----------------|
| Scale: 1"=80' | CAD By: SAT                      | Checked By: RKR |
| May 20, 2010  | 33° 02' 17.4" N 103° 10' 04.4" W |                 |

Benzene 0.0172 mg/L  
 Toluene <0.001 mg/L  
 Ethylbenzene 0.126 mg/L  
 Xylene 0.392 mg/L

Benzene 0.285 mg/L  
 Toluene 0.605 mg/L  
 Ethylbenzene 0.550 mg/L  
 Xylene 1.70 mg/L

Benzene 0.930 mg/L  
 Toluene 0.426 mg/L  
 Ethylbenzene 0.586 mg/L  
 Xylene 1.38 mg/L

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

Benzene <0.001 mg/L  
 Toluene <0.001 mg/L  
 Ethylbenzene 0.0028 mg/L  
 Xylene <0.001 mg/L

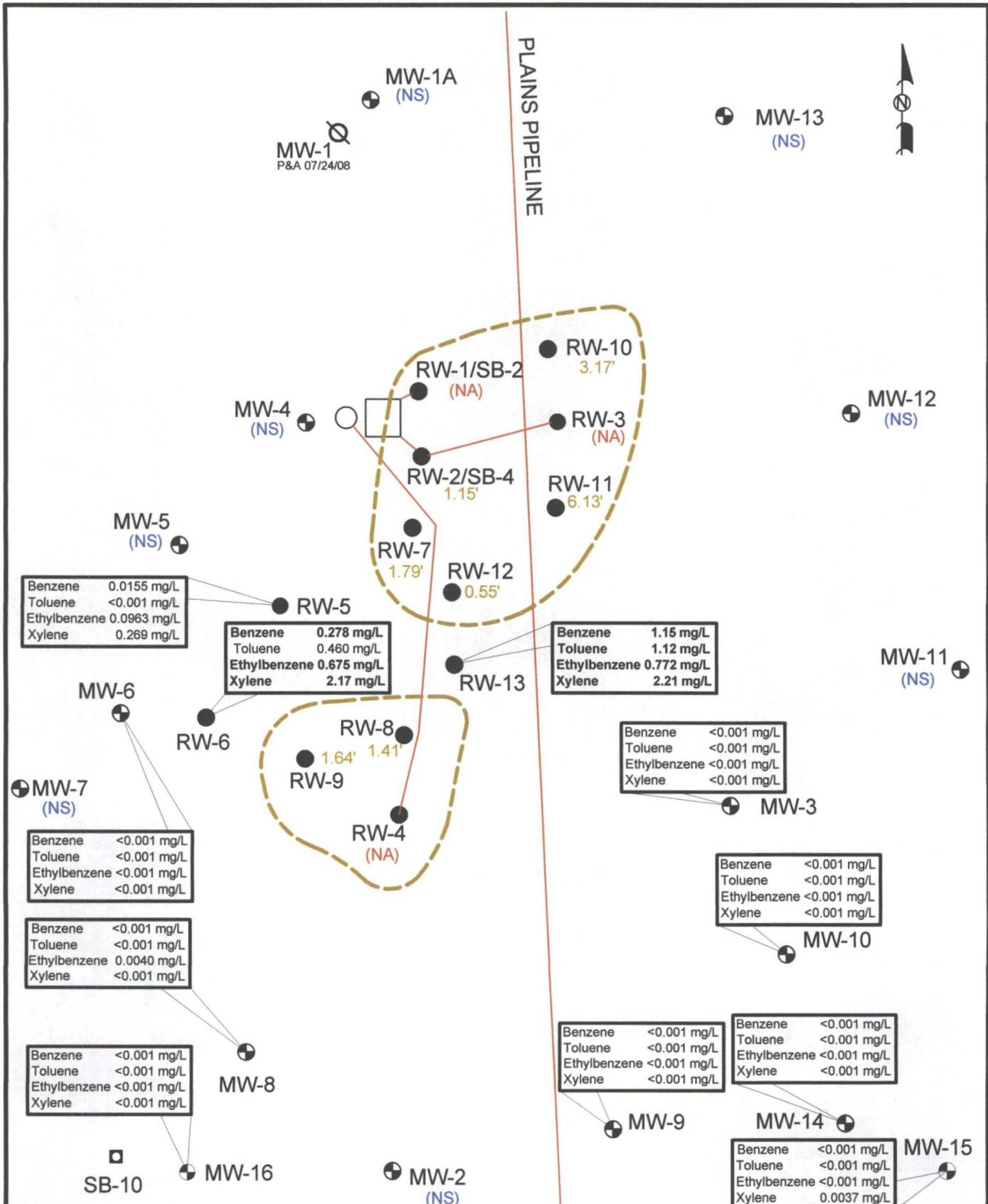
Benzene <0.001 mg/L  
 Toluene <0.001 mg/L  
 Ethylbenzene <0.001 mg/L  
 Xylene <0.001 mg/L

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

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

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

Benzene 0.0042 mg/L  
 Toluene <0.001 mg/L  
 Ethylbenzene <0.001 mg/L  
 Xylene <0.001 mg/L



**NOTE:**

- MWs 1, 2, 4, 5, 7, 9, 11, 12 and 13 Are On Reduced Sampling Schedule.
- Bold Indicates Constituent Above NMOCD Regulatory Standard

**Site Location**  
 NW 1/4 NE 1/4 Sec 11 T15S R37E  
 SW 1/4 SE 1/4 Sec 2 T15S R37E



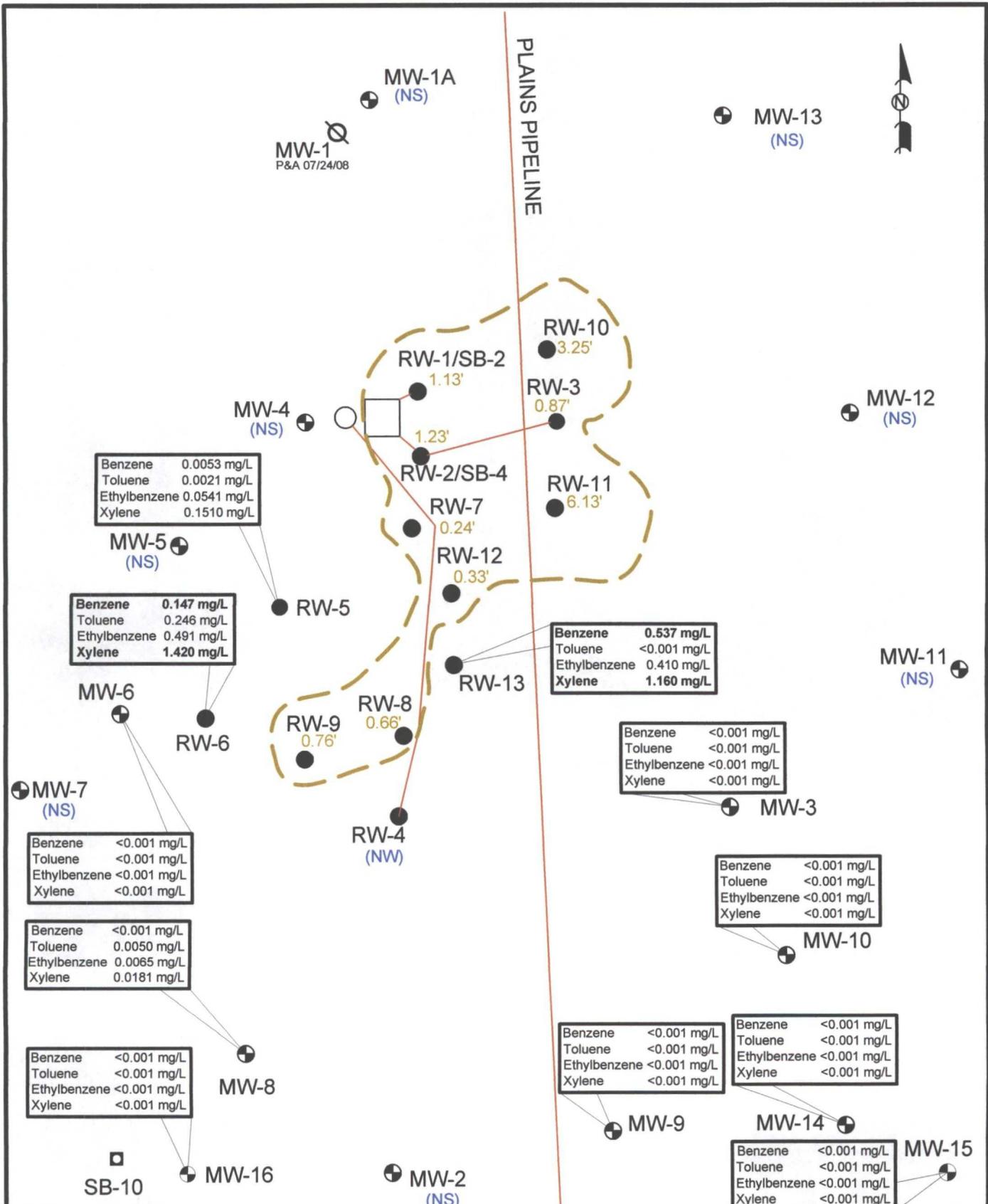
**LEGEND:**

|   |                               |
|---|-------------------------------|
| ● Monitor Well Location                 | ○ Plugged Well                |
| ● Recovery Well Location                | ○ Poly Tank                   |
| — Pipeline                              | □ Shed                        |
| — Inferred PSH Extent                   | 4.75' Thickness of PSH (feet) |
| <0.001 Constituent Concentration (mg/L) | (NS) Not Sampled              |
|   | (NG) Not Guaged               |

**Figure 3B**  
 Groundwater Concentration and Inferred PSH Extent (06/01/2010)  
 Plains Marketing, L.P.  
 Darr Angell #4  
 Lea County, NM

**NOVA Safety and Environmental**

Scale: 1"=80' CAD By: DGC Checked By: RKR  
 June 19, 2010 33° 02' 17.4" N 103° 10' 04.4" W



**NOTE:**

- MWs 1, 2, 4, 5, 7, 9, 11, 12 and 13 Are On Reduced Sampling Schedule.
- Bold Indicates Constituent Above NMOCD Regulatory Standard

Site Location  
 NW 1/4 NE 1/4 Sec 11 T15S R37E  
 SW 1/4 SE 1/4 Sec 2 T15S R37E



**LEGEND:**

|   |                         |
|---|-------------------------|
| Monitor Well Location                   | Plugged Well            |
| Recovery Well Location                  | Poly Tank               |
| Pipeline                                | Shed                    |
| Inferred PSH Extent                     | Thickness of PSH (feet) |
| <0.001 Constituent Concentration (mg/L) | (NS) Not Sampled        |
|   | (NW) No Water           |

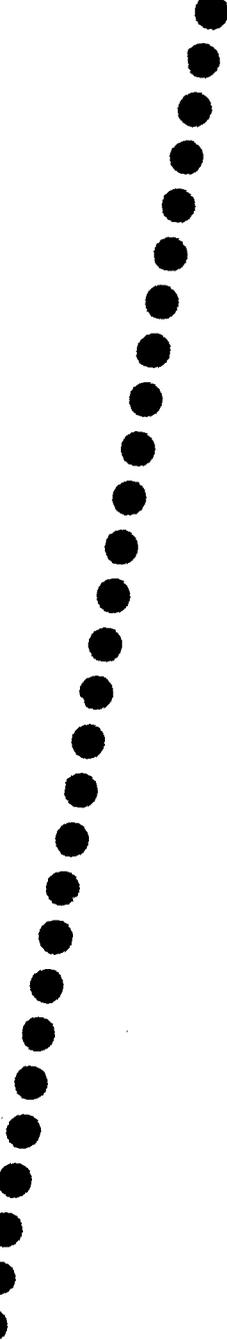
**Figure 3C**  
 Groundwater Concentration and Inferred PSH Extent  
 (08/24/2010)  
 Plains Marketing, L.P.  
 Darr Angell #4  
 Lea County, NM

**NOVA Safety and Environmental**

Scale: 1"=80' CAD By: TA Checked By: RKR

September 15, 2010 33° 02' 17.4" N 103° 10' 04.4" W





Tables

TABLE 1

## GROUNDWATER ELEVATION DATA - 2010

PLAINS MARKETING, L.P.  
DARR ANGELL 4  
LEA COUNTY, NEW MEXICO  
NMOCD REFERENCE NUMBER AP-007

| WELL NUMBER | DATE MEASURED | TOP OF CASING ELEVATION | DEPTH TO PRODUCT | DEPTH TO WATER | PSH THICKNESS | CORRECTED GROUND WATER ELEVATION |
|-------------|---------------|-------------------------|------------------|----------------|---------------|----------------------------------|
| MW-1A       | 01/13/10      |                         | -                | 69.66          | 0.00          | 0.00                             |
| MW-1A       | 02/17/10      |                         | -                | 69.73          | 0.00          | 0.00                             |
| MW-1A       | 06/01/10      |                         | -                | 69.90          | 0.00          | 0.00                             |
| MW-1A       | 08/24/10      |                         | -                | 69.91          | 0.00          | 0.00                             |
| MW-1A       | 11/23/10      |                         | -                | 69.90          | 0.00          | 0.00                             |
|             |               |                         |                  |                |               |                                  |
| MW - 2      | 01/13/10      | 3,796.33                | -                | 65.53          | 0.00          | 3,730.80                         |
| MW - 2      | 02/17/10      | 3,796.33                | -                | 65.60          | 0.00          | 3,730.73                         |
| MW - 2      | 06/01/10      | 3,796.33                | -                | 65.76          | 0.00          | 3,730.57                         |
| MW - 2      | 08/24/10      | 3,796.33                | -                | 65.79          | 0.00          | 3,730.54                         |
| MW - 2      | 11/23/10      | 3,796.33                | -                | 65.81          | 0.00          | 3,730.52                         |
|             |               |                         |                  |                |               |                                  |
| MW - 3      | 01/13/10      | 3,798.10                | -                | 67.56          | 0.00          | 3,730.54                         |
| MW - 3      | 02/17/10      | 3,798.10                | -                | 67.62          | 0.00          | 3,730.48                         |
| MW - 3      | 06/01/10      | 3,798.10                | -                | 67.79          | 0.00          | 3,730.31                         |
| MW - 3      | 08/24/10      | 3,798.10                | -                | 67.77          | 0.00          | 3,730.31                         |
| MW - 3      | 11/23/10      | 3,798.10                | -                | 67.77          | 0.00          | 3,730.31                         |
|             |               |                         |                  |                |               |                                  |
| MW - 4      | 01/13/10      | 3,797.73                | -                | 66.82          | 0.00          | 3,730.91                         |
| MW - 4      | 02/17/10      | 3,797.73                | -                | 66.89          | 0.00          | 3,730.84                         |
| MW - 4      | 06/01/10      | 3,797.73                | -                | 67.07          | 0.00          | 3,730.66                         |
| MW - 4      | 08/24/10      | 3,797.73                | -                | 67.07          | 0.00          | 3,730.66                         |
| MW - 4      | 11/23/10      | 3,797.73                | -                | 67.06          | 0.00          | 3,730.67                         |
|             |               |                         |                  |                |               |                                  |
| MW - 5      | 01/13/10      | 3,797.23                | -                | 66.22          | 0.00          | 3,731.01                         |
| MW - 5      | 02/17/10      | 3,797.23                | -                | 66.28          | 0.00          | 3,730.95                         |
| MW - 5      | 06/01/10      | 3,797.23                | -                | 66.46          | 0.00          | 3,730.77                         |
| MW - 5      | 08/24/10      | 3,797.23                | -                | 66.48          | 0.00          | 3,730.75                         |
| MW - 5      | 11/23/10      | 3,797.23                | -                | 66.47          | 0.00          | 3,730.76                         |
|             |               |                         |                  |                |               |                                  |
| MW - 6      | 01/13/10      | 3,796.51                | -                | 65.51          | 0.00          | 3,731.00                         |
| MW - 6      | 02/17/10      | 3,796.51                | -                | 65.59          | 0.00          | 3,730.92                         |
| MW - 6      | 06/01/10      | 3,796.51                | -                | 65.73          | 0.00          | 3,730.78                         |
| MW - 6      | 08/24/10      | 3,796.51                | -                | 65.75          | 0.00          | 3,730.76                         |
| MW - 6      | 11/23/10      | 3,796.51                | -                | 65.78          | 0.00          | 3,730.73                         |
|             |               |                         |                  |                |               |                                  |
| MW - 7      | 01/13/10      | 3,796.16                | -                | 65.07          | 0.00          | 3,731.09                         |
| MW - 7      | 02/17/10      | 3,796.16                | -                | 65.12          | 0.00          | 3,731.04                         |
| MW - 7      | 06/01/10      | 3,796.16                | -                | 65.29          | 0.00          | 3,730.87                         |
| MW - 7      | 08/24/10      | 3,796.16                | -                | 65.32          | 0.00          | 3,730.84                         |
| MW - 7      | 11/23/10      | 3,796.16                | -                | 65.31          | 0.00          | 3,730.85                         |
|             |               |                         |                  |                |               |                                  |
| MW - 8      | 01/13/10      | 3,795.89                | -                | 65.01          | 0.00          | 3,730.88                         |
| MW - 8      | 02/17/10      | 3,795.89                | -                | 65.09          | 0.00          | 3,730.80                         |
| MW - 8      | 06/01/10      | 3,795.89                | -                | 65.24          | 0.00          | 3,730.65                         |
| MW - 8      | 08/24/10      | 3,795.89                | -                | 65.29          | 0.00          | 3,730.60                         |
| MW - 8      | 11/23/10      | 3,795.89                | -                | 65.27          | 0.00          | 3,730.62                         |
|             |               |                         |                  |                |               |                                  |

TABLE 1

## GROUNDWATER ELEVATION DATA - 2010

PLAINS MARKETING, L.P.  
DARR ANGELL 4  
LEA COUNTY, NEW MEXICO  
NMOCD REFERENCE NUMBER AP-007

| WELL NUMBER | DATE MEASURED | TOP OF CASING ELEVATION | DEPTH TO PRODUCT | DEPTH TO WATER | PSH THICKNESS | CORRECTED GROUND WATER ELEVATION |  |
|-------------|---------------|-------------------------|------------------|----------------|---------------|----------------------------------|--|
| MW - 9      | 01/13/10      | 3,795.66                | -                | 65.12          | 0.00          | 3,730.54                         |  |
| MW - 9      | 02/17/10      | 3,795.66                | -                | 65.19          | 0.00          | 3,730.47                         |  |
| MW - 9      | 06/01/10      | 3,795.66                | -                | 65.35          | 0.00          | 3,730.31                         |  |
| MW - 9      | 08/24/10      | 3,795.66                | -                | 65.37          | 0.00          | 3,730.29                         |  |
| MW - 9      | 11/23/10      | 3,795.66                | -                | 65.37          | 0.00          | 3,730.29                         |  |
| MW - 10     | 01/13/10      | 3,796.23                | -                | 65.80          | 0.00          | 3,730.43                         |  |
| MW - 10     | 02/17/10      | 3,796.23                | -                | 65.83          | 0.00          | 3,730.40                         |  |
| MW - 10     | 06/01/10      | 3,796.23                | -                | 66.04          | 0.00          | 3,730.19                         |  |
| MW - 10     | 08/24/10      | 3,796.23                | -                | 66.04          | 0.00          | 3,730.19                         |  |
| MW - 10     | 11/23/10      | 3,796.23                | -                | 66.03          | 0.00          | 3,730.20                         |  |
| MW - 11     | 01/13/10      | 3,796.58                | -                | 66.30          | 0.00          | 3,730.28                         |  |
| MW - 11     | 02/17/10      | 3,796.58                | -                | 66.37          | 0.00          | 3,730.21                         |  |
| MW - 11     | 06/01/10      | 3,796.58                | -                | 66.54          | 0.00          | 3,730.04                         |  |
| MW - 11     | 08/24/10      | 3,796.58                | -                | 66.52          | 0.00          | 3,730.06                         |  |
| MW - 11     | 11/23/10      | 3,796.58                | -                | 66.50          | 0.00          | 3,730.08                         |  |
| MW - 12     | 01/13/10      | 3,798.03                | -                | 67.56          | 0.00          | 3,730.47                         |  |
| MW - 12     | 02/17/10      | 3,798.03                | -                | 67.65          | 0.00          | 3,730.38                         |  |
| MW - 12     | 06/01/10      | 3,798.03                | -                | 67.81          | 0.00          | 3,730.22                         |  |
| MW - 12     | 08/24/10      | 3,798.03                | -                | 67.81          | 0.00          | 3,730.22                         |  |
| MW - 12     | 11/23/10      | 3,798.03                | -                | 67.82          | 0.00          | 3,730.21                         |  |
| MW - 13     | 01/13/10      | 3,799.65                | -                | 69.05          | 0.00          | 3,730.60                         |  |
| MW - 13     | 02/17/10      | 3,799.65                | -                | 69.13          | 0.00          | 3,730.52                         |  |
| MW - 13     | 06/01/10      | 3,799.65                | -                | 69.29          | 0.00          | 3,730.36                         |  |
| MW - 13     | 08/24/10      | 3,799.65                | -                | 69.28          | 0.00          | 3,730.37                         |  |
| MW - 13     | 11/23/10      | 3,799.65                | WELL IS DRY      |                |               |                                  |  |
| MW - 14     | 01/13/10      | 3,796.10                | -                | 66.78          | 0.00          | 3,729.32                         |  |
| MW - 14     | 02/17/10      | 3,796.10                | -                | 65.86          | 0.00          | 3,730.24                         |  |
| MW - 14     | 06/01/10      | 3,796.10                | -                | 66.03          | 0.00          | 3,730.07                         |  |
| MW - 14     | 08/24/10      | 3,796.10                | -                | 66.03          | 0.00          | 3,730.07                         |  |
| MW - 14     | 11/23/10      | 3,796.10                | -                | 66.04          | 0.00          | 3,730.06                         |  |
| MW - 15     | 01/13/10      | 3,795.96                | -                | 66.75          | 0.00          | 3,729.21                         |  |
| MW - 15     | 02/17/10      | 3,795.96                | -                | 65.84          | 0.00          | 3,730.12                         |  |
| MW - 15     | 04/20/10      | 3,795.96                | -                | 65.23          | 0.00          | 3,730.73                         |  |
| MW - 15     | 04/27/10      | 3,795.96                | -                | 65.25          | 0.00          | 3,730.71                         |  |
| MW - 15     | 04/30/10      | 3,795.96                | -                | 65.23          | 0.00          | 3,730.73                         |  |
| MW - 15     | 05/04/10      | 3,795.96                | -                | 65.24          | 0.00          | 3,730.72                         |  |
| MW - 15     | 05/11/10      | 3,795.96                | -                | 65.26          | 0.00          | 3,730.70                         |  |
| MW - 15     | 05/18/10      | 3,795.96                | -                | 65.24          | 0.00          | 3,730.72                         |  |
| MW - 15     | 05/28/10      | 3,795.96                | -                | 65.25          | 0.00          | 3,730.71                         |  |
| MW - 15     | 06/01/10      | 3,795.96                | -                | 66.00          | 0.00          | 3,729.96                         |  |
| MW - 15     | 06/03/10      | 3,795.96                | -                | 65.27          | 0.00          | 3,730.69                         |  |
| MW - 15     | 06/08/10      | 3,795.96                | -                | 65.26          | 0.00          | 3,730.70                         |  |

TABLE 1

## GROUNDWATER ELEVATION DATA - 2010

PLAINS MARKETING, L.P.  
DARR ANGELL 4  
LEA COUNTY, NEW MEXICO  
NMOCD REFERENCE NUMBER AP-007

| WELL NUMBER | DATE MEASURED | TOP OF CASING ELEVATION | DEPTH TO PRODUCT | DEPTH TO WATER | PSH THICKNESS | CORRECTED GROUND WATER ELEVATION |
|-------------|---------------|-------------------------|------------------|----------------|---------------|----------------------------------|
| MW - 15     | 06/15/10      | 3,795.96                | -                | 65.24          | 0.00          | 3,730.72                         |
| MW - 15     | 07/08/10      | 3,795.96                | -                | 65.27          | 0.00          | 3,730.69                         |
| MW - 15     | 08/24/10      | 3,795.96                | -                | 66.04          | 0.00          | 3,729.92                         |
| MW - 15     | 11/23/10      | 3,795.96                | -                | 66.06          | 0.00          | 3,729.90                         |
| MW - 16     | 01/13/10      | 3,795.93                | -                | 65.03          | 0.00          | 3,730.90                         |
| MW - 16     | 02/17/10      | 3,795.93                | -                | 65.09          | 0.00          | 3,730.84                         |
| MW - 16     | 06/01/10      | 3,795.93                | -                | 65.25          | 0.00          | 3,730.68                         |
| MW - 16     | 08/24/10      | 3,795.93                | -                | 65.28          | 0.00          | 3,730.65                         |
| MW - 16     | 11/23/10      | 3,795.93                | -                | 65.30          | 0.00          | 3,730.63                         |
| RW - 1      | 01/13/10      | 3,797.66                | 66.13            | ND             | ND            | #VALUE!                          |
| RW - 1      | 02/17/10      | 3,797.66                | 66.19            | ND             | ND            | #VALUE!                          |
| RW - 1      | 04/20/10      | 3,797.66                | 66.09            | ND             | ND            | #VALUE!                          |
| RW - 1      | 04/27/10      | 3,797.66                | 66.09            | ND             | ND            | #VALUE!                          |
| RW - 1      | 04/30/10      | 3,797.66                | 66.11            | ND             | ND            | #VALUE!                          |
| RW - 1      | 05/04/10      | 3,797.66                | 66.10            | ND             | ND            | #VALUE!                          |
| RW - 1      | 05/11/10      | 3,797.66                | 66.16            | ND             | ND            | #VALUE!                          |
| RW - 1      | 05/18/10      | 3,797.66                | 66.14            | ND             | ND            | #VALUE!                          |
| RW - 1      | 05/28/10      | 3,797.66                | 66.14            | ND             | ND            | #VALUE!                          |
| RW - 1      | 06/01/10      | 3,797.66                | 66.14            | ND             | ND            | #VALUE!                          |
| RW - 1      | 06/03/10      | 3,797.66                | 66.17            | ND             | ND            | #VALUE!                          |
| RW - 1      | 06/08/10      | 3,797.66                | 66.16            | ND             | ND            | #VALUE!                          |
| RW - 1      | 06/15/10      | 3,797.66                | 66.17            | ND             | ND            | #VALUE!                          |
| RW - 1      | 07/08/10      | 3,797.66                | 66.39            | ND             | ND            | #VALUE!                          |
| RW - 1      | 07/21/10      | 3,797.66                | 66.27            | ND             | ND            | #VALUE!                          |
| RW - 1      | 07/27/10      | 3,797.66                | 66.53            | ND             | ND            | #VALUE!                          |
| RW - 1      | 08/03/10      | 3,797.66                | 66.76            | 68.86          | 2.10          | 3,730.59                         |
| RW - 1      | 08/10/10      | 3,797.66                | 66.89            | 0.00           | ND            | #VALUE!                          |
| RW - 1      | 08/17/10      | 3,797.66                | 66.98            | 68.03          | 1.05          | 3,730.52                         |
| RW - 1      | 08/24/10      | 3,797.66                | 66.98            | 68.11          | 1.13          | 3,730.51                         |
| RW - 1      | 08/31/10      | 3,797.66                | 66.90            | 68.67          | 1.77          | 3,730.49                         |
| RW - 1      | 09/08/10      | 3,797.66                | 66.95            | 68.30          | 1.35          | 3,730.51                         |
| RW - 1      | 09/15/10      | 3,797.66                | 66.87            | 68.81          | 1.94          | 3,730.50                         |
| RW - 1      | 09/21/10      | 3,797.66                | 66.98            | 68.27          | 1.29          | 3,730.49                         |
| RW - 1      | 09/28/10      | 3,797.66                | 66.90            | 68.79          | 1.89          | 3,730.48                         |
| RW - 1      | 10/05/10      | 3,797.66                | 66.95            | 68.84          | 1.89          | 3,730.43                         |
| RW - 1      | 10/12/10      | 3,797.66                | 66.74            | 69.16          | 2.42          | 3,730.56                         |
| RW - 1      | 10/19/10      | 3,797.66                | 66.91            | 68.83          | 1.92          | 3,730.46                         |
| RW - 1      | 10/27/10      | 3,797.66                | 66.95            | 68.83          | 1.88          | 3,730.43                         |
| RW - 1      | 11/02/10      | 3,797.66                | 66.95            | ND             | 0.00          | #VALUE!                          |
| RW - 1      | 11/09/10      | 3,797.66                | 66.94            | 67.32          | 0.38          | 3,730.66                         |
| RW - 1      | 11/16/10      | 3,797.66                | 61.63            | ND             | 0.00          | #VALUE!                          |
| RW - 1      | 11/23/10      | 3,797.66                | 66.97            | 68.11          | 1.14          | 3,730.52                         |
| RW - 1      | 12/02/10      | 3,797.66                | 66.84            | 68.52          | 1.68          | 3,730.57                         |
| RW - 1      | 12/07/10      | 3,797.66                | 67.25            | 68.31          | 1.06          | 3,730.25                         |
| RW - 1      | 12/15/10      | 3,797.66                | 66.69            | 67.82          | 1.13          | 3,730.80                         |
| RW - 1      | 12/21/10      | 3,797.66                | 66.67            | 68.51          | 1.84          | 3,730.71                         |
| RW - 1      | 12/29/10      | 3,797.66                | 67.02            | 68.34          | 1.32          | 3,730.44                         |

TABLE 1

## GROUNDWATER ELEVATION DATA - 2010

PLAINS MARKETING, L.P.  
DARR ANGELL 4  
LEA COUNTY, NEW MEXICO  
NMOCD REFERENCE NUMBER AP-007

| WELL NUMBER | DATE MEASURED | TOP OF CASING ELEVATION | DEPTH TO PRODUCT | DEPTH TO WATER | PSH THICKNESS | CORRECTED GROUND WATER ELEVATION |
|-------------|---------------|-------------------------|------------------|----------------|---------------|----------------------------------|
| RW - 2      | 01/13/10      | 3,797.60                | 66.51            | 70.09          | 3.58          | 3,730.55                         |
| RW - 2      | 02/17/10      | 3,797.60                | 66.49            | 67.51          | 1.02          | 3,730.96                         |
| RW - 2      | 06/01/10      | 3,797.60                | 67.38            | 68.53          | 1.15          | 3,730.05                         |
| RW - 2      | 08/24/10      | 3,797.60                | 67.32            | 68.55          | 1.23          | 3,730.10                         |
| RW - 2      | 11/23/10      | 3,797.60                | 67.30            | 68.57          | 1.27          | 3,730.11                         |
|             |               |                         |                  |                |               |                                  |
| RW - 3      | 01/13/10      | 3,798.81                | 66.97            | 68.25          | 1.28          | 3,731.65                         |
| RW - 3      | 02/17/10      | 3,798.81                | 67.02            | 68.22          | 1.20          | 3,731.61                         |
| RW - 3      | 04/20/10      | 3,798.81                | 67.06            | ND             | ND            | #VALUE!                          |
| RW - 3      | 04/27/10      | 3,798.81                | 67.05            | ND             | ND            | #VALUE!                          |
| RW - 3      | 04/30/10      | 3,798.81                | 67.04            | ND             | ND            | #VALUE!                          |
| RW - 3      | 05/04/10      | 3,798.81                | 67.06            | ND             | ND            | #VALUE!                          |
| RW - 3      | 05/11/10      | 3,798.81                | 67.09            | ND             | ND            | #VALUE!                          |
| RW - 3      | 05/18/10      | 3,798.81                | 67.12            | ND             | ND            | #VALUE!                          |
| RW - 3      | 05/28/10      | 3,798.81                | 67.11            | ND             | ND            | #VALUE!                          |
| RW - 3      | 06/01/10      | 3,798.81                | 67.11            | ND             | ND            | #VALUE!                          |
| RW - 3      | 06/03/10      | 3,798.81                | 67.10            | ND             | ND            | #VALUE!                          |
| RW - 3      | 06/08/10      | 3,798.81                | 67.12            | ND             | ND            | #VALUE!                          |
| RW - 3      | 06/15/10      | 3,798.81                | 67.10            | ND             | ND            | #VALUE!                          |
| RW - 3      | 07/08/10      | 3,798.81                | 67.21            | ND             | ND            | #VALUE!                          |
| RW - 3      | 07/21/10      | 3,798.81                | 67.28            | 68.05          | 0.77          | 3,731.41                         |
| RW - 3      | 07/27/10      | 3,798.81                | 67.27            | 68.15          | 0.88          | 3,731.41                         |
| RW - 3      | 08/03/10      | 3,798.81                | 67.29            | 68.16          | 0.87          | 3,731.39                         |
| RW - 3      | 08/10/10      | 3,798.81                | 67.32            | ND             | 0.00          | #VALUE!                          |
| RW - 3      | 08/17/10      | 3,798.81                | 67.33            | 68.21          | 0.88          | 3,731.35                         |
| RW - 3      | 08/24/10      | 3,798.81                | 67.35            | 68.22          | 0.87          | 3,731.33                         |
| RW - 3      | 08/31/10      | 3,798.81                | 67.33            | 68.22          | 0.89          | 3,731.35                         |
| RW - 3      | 09/08/10      | 3,798.81                | 67.37            | 68.24          | 0.87          | 3,731.31                         |
| RW - 3      | 09/15/10      | 3,798.81                | 67.38            | 68.23          | 0.85          | 3,731.30                         |
| RW - 3      | 09/21/10      | 3,798.81                | 67.38            | 68.23          | 0.85          | 3,731.30                         |
| RW - 3      | 09/28/10      | 3,798.81                | 67.21            | 68.33          | 1.12          | 3,731.43                         |
| RW - 3      | 10/05/10      | 3,798.81                | 67.26            | 68.39          | 1.13          | 3,731.38                         |
| RW - 3      | 10/12/10      | 3,798.81                | 67.44            | 68.24          | 0.80          | 3,731.25                         |
| RW - 3      | 10/19/10      | 3,798.81                | 67.39            | 68.31          | 0.92          | 3,731.28                         |
| RW - 3      | 10/27/10      | 3,798.81                | 67.41            | 68.34          | 0.93          | 3,731.26                         |
| RW - 3      | 11/02/10      | 3,798.81                | 67.28            | ND             | 0.00          | #VALUE!                          |
| RW - 3      | 11/09/10      | 3,798.81                | 67.36            | 68.21          | 0.85          | 3,731.32                         |
| RW - 3      | 11/16/10      | 3,798.81                | 67.26            | 68.11          | 0.85          | 3,731.42                         |
| RW - 3      | 11/23/10      | 3,798.81                | 67.36            | 68.24          | 0.88          | 3,731.32                         |
| RW - 3      | 12/02/10      | 3,798.81                | 67.42            | 68.30          | 0.88          | 3,731.26                         |
| RW - 3      | 12/07/10      | 3,798.81                | 67.51            | 68.20          | 0.69          | 3,731.20                         |
| RW - 3      | 12/15/10      | 3,798.81                | 67.31            | 67.95          | 0.64          | 3,731.40                         |
| RW - 3      | 12/21/10      | 3,798.81                | 66.52            | 66.69          | 0.17          | 3,732.26                         |
| RW - 3      | 12/29/10      | 3,798.81                | 67.46            | 68.22          | 0.76          | 3,731.24                         |
|             |               |                         |                  |                |               |                                  |
| RW - 4      | 01/04/10      | 3,798.34                | 66.47            | ND             | ND            | #VALUE!                          |
| RW - 4      | 01/13/10      | 3,798.34                | 66.50            | ND             | ND            | #VALUE!                          |
| RW - 4      | 01/18/10      | 3,798.34                | 66.50            | ND             | ND            | #VALUE!                          |

TABLE 1

## GROUNDWATER ELEVATION DATA - 2010

PLAINS MARKETING, L.P.  
DARR ANGELL 4  
LEA COUNTY, NEW MEXICO  
NMOCD REFERENCE NUMBER AP-007

| WELL NUMBER | DATE MEASURED | TOP OF CASING ELEVATION | DEPTH TO PRODUCT | DEPTH TO WATER | PSH THICKNESS | CORRECTED GROUND WATER ELEVATION |
|-------------|---------------|-------------------------|------------------|----------------|---------------|----------------------------------|
| RW - 4      | 01/25/10      | 3,798.34                | 66.53            | ND             | ND            | #VALUE!                          |
| RW - 4      | 02/17/10      | 3,798.34                | 66.55            | ND             | ND            | #VALUE!                          |
| RW - 4      | 02/24/10      | 3,798.34                | 66.57            | ND             | ND            | #VALUE!                          |
| RW - 4      | 03/03/10      | 3,798.34                | 66.58            | ND             | ND            | #VALUE!                          |
| RW - 4      | 03/09/10      | 3,798.34                | 66.56            | ND             | ND            | #VALUE!                          |
| RW - 4      | 03/18/10      | 3,798.34                | 66.49            | ND             | ND            | #VALUE!                          |
| RW - 4      | 03/24/10      | 3,798.34                | 66.48            | ND             | ND            | #VALUE!                          |
| RW - 4      | 04/07/10      | 3,798.34                | 66.51            | ND             | ND            | #VALUE!                          |
| RW - 4      | 04/20/10      | 3,798.34                | 66.51            | ND             | ND            | #VALUE!                          |
| RW - 4      | 04/27/10      | 3,798.34                | 66.50            | ND             | ND            | #VALUE!                          |
| RW - 4      | 04/30/10      | 3,798.34                | 66.52            | ND             | ND            | #VALUE!                          |
| RW - 4      | 05/04/10      | 3,798.34                | 66.55            | ND             | ND            | #VALUE!                          |
| RW - 4      | 05/11/10      | 3,798.34                | 66.53            | ND             | ND            | #VALUE!                          |
| RW - 4      | 05/18/10      | 3,798.34                | 66.55            | ND             | ND            | #VALUE!                          |
| RW - 4      | 05/28/10      | 3,798.34                | 66.58            | ND             | ND            | #VALUE!                          |
| RW - 4      | 06/01/10      | 3,798.34                | 66.58            | ND             | ND            | #VALUE!                          |
| RW - 4      | 06/03/10      | 3,798.34                | 66.59            | ND             | ND            | #VALUE!                          |
| RW - 4      | 06/08/10      | 3,798.34                | 66.58            | ND             | ND            | #VALUE!                          |
| RW - 4      | 06/15/10      | 3,798.34                | 66.60            | ND             | ND            | #VALUE!                          |
| RW - 4      | 07/08/10      | 3,798.34                | 66.79            | ND             | ND            | #VALUE!                          |
| RW - 4      | 07/21/10      | 3,798.34                | 66.80            | ND             | ND            | #VALUE!                          |
| RW - 4      | 07/27/10      | 3,798.34                | 66.80            | ND             | ND            | #VALUE!                          |
| RW - 4      | 08/03/10      | 3,798.34                | 66.82            | ND             | ND            | #VALUE!                          |
| RW - 4      | 08/10/10      | 3,798.34                | 66.91            | ND             | ND            | #VALUE!                          |
| RW - 4      | 08/17/10      | 3,798.34                | 66.85            | ND             | ND            | #VALUE!                          |
| RW - 4      | 08/24/10      | 3,798.34                | 66.87            | ND             | ND            | #VALUE!                          |
| RW - 4      | 08/31/10      | 3,798.34                | 66.86            | 67.40          | 0.54          | 3,731.40                         |
| RW - 4      | 09/08/10      | 3,798.34                | 66.89            | ND             | ND            | #VALUE!                          |
| RW - 4      | 09/15/10      | 3,798.34                | 66.90            | ND             | ND            | #VALUE!                          |
| RW - 4      | 09/21/10      | 3,798.34                | 66.90            | ND             | ND            | #VALUE!                          |
| RW - 4      | 09/28/10      | 3,798.34                | 66.93            | ND             | ND            | #VALUE!                          |
| RW - 4      | 10/05/10      | 3,798.34                | 66.95            | ND             | ND            | #VALUE!                          |
| RW - 4      | 10/12/10      | 3,798.34                | 66.95            | ND             | ND            | #VALUE!                          |
| RW - 4      | 10/19/10      | 3,798.34                | 66.96            | ND             | ND            | #VALUE!                          |
| RW - 4      | 10/27/10      | 3,798.34                | 66.95            | ND             | ND            | #VALUE!                          |
| RW - 4      | 11/02/10      | 3,798.34                | 66.92            | ND             | ND            | #VALUE!                          |
| RW - 4      | 11/09/10      | 3,798.34                | 66.91            | ND             | ND            | #VALUE!                          |
| RW - 4      | 11/16/10      | 3,798.34                | 66.85            | ND             | ND            | #VALUE!                          |
| RW - 4      | 11/23/10      | 3,798.34                | 66.87            | ND             | ND            | #VALUE!                          |
| RW - 4      | 12/02/10      | 3,798.34                | 66.92            | ND             | ND            | #VALUE!                          |
| RW - 4      | 12/07/10      | 3,798.34                | 66.89            | ND             | ND            | #VALUE!                          |
| RW - 4      | 12/15/10      | 3,798.34                | 66.83            | ND             | ND            | #VALUE!                          |
| RW - 4      | 12/21/10      | 3,798.34                | 66.94            | ND             | ND            | #VALUE!                          |
| RW - 4      | 12/29/10      | 3,798.34                | 66.90            | ND             | ND            | #VALUE!                          |
| RW - 5      | 01/13/10      | 3,797.60                | -                | 66.68          | 0.00          | 3,730.92                         |
| RW - 5      | 02/17/10      | 3,797.60                | -                | 66.76          | 0.00          | 3,730.84                         |
| RW - 5      | 04/20/10      | 3,797.60                | -                | 66.15          | 0.00          | 3,731.45                         |

TABLE 1

## GROUNDWATER ELEVATION DATA - 2010

PLAINS MARKETING, L.P.  
DARR ANGELL 4  
LEA COUNTY, NEW MEXICO  
NMOCD REFERENCE NUMBER AP-007

| WELL NUMBER | DATE MEASURED | TOP OF CASING ELEVATION | DEPTH TO PRODUCT | DEPTH TO WATER | PSH THICKNESS | CORRECTED GROUND WATER ELEVATION |
|-------------|---------------|-------------------------|------------------|----------------|---------------|----------------------------------|
| RW - 5      | 04/27/10      | 3,797.60                | -                | 66.15          | 0.00          | 3,731.45                         |
| RW - 5      | 04/30/10      | 3,797.60                | -                | 66.15          | 0.00          | 3,731.45                         |
| RW - 5      | 05/04/10      | 3,797.60                | -                | 66.17          | 0.00          | 3,731.43                         |
| RW - 5      | 05/11/10      | 3,797.60                | -                | 66.20          | 0.00          | 3,731.40                         |
| RW - 5      | 05/18/10      | 3,797.60                | -                | 66.22          | 0.00          | 3,731.38                         |
| RW - 5      | 05/28/10      | 3,797.60                | -                | 66.21          | 0.00          | 3,731.39                         |
| RW - 5      | 06/01/10      | 3,797.60                | -                | 66.92          | 0.00          | 3,730.68                         |
| RW - 5      | 06/03/10      | 3,797.60                | -                | 66.24          | 0.00          | 3,731.36                         |
| RW - 5      | 06/08/10      | 3,797.60                | -                | 66.26          | 0.00          | 3,731.34                         |
| RW - 5      | 06/15/10      | 3,797.60                | -                | 66.28          | 0.00          | 3,731.32                         |
| RW - 5      | 07/08/10      | 3,797.60                | -                | 66.30          | 0.00          | 3,731.30                         |
| RW - 5      | 08/24/10      | 3,797.60                | -                | 66.96          | 0.00          | 3,730.64                         |
| RW - 5      | 11/23/10      | 3,797.60                | -                | 66.94          | 0.00          | 3,730.66                         |
|             |               |                         |                  |                |               |                                  |
| RW - 6      | 01/04/10      | 3,797.28                | -                | 66.50          | 0.00          | 3,730.78                         |
| RW - 6      | 01/13/10      | 3,797.28                | -                | 66.39          | 0.00          | 3,730.89                         |
| RW - 6      | 01/18/10      | 3,797.28                | -                | 66.55          | 0.00          | 3,730.73                         |
| RW - 6      | 01/25/10      | 3,797.28                | -                | 66.46          | 0.00          | 3,730.82                         |
| RW - 6      | 02/17/10      | 3,797.28                | -                | 66.65          | 0.00          | 3,730.63                         |
| RW - 6      | 02/24/10      | 3,797.28                | -                | 66.63          | 0.00          | 3,730.65                         |
| RW - 6      | 03/03/10      | 3,797.28                | -                | 66.53          | 0.00          | 3,730.75                         |
| RW - 6      | 03/09/10      | 3,797.28                | -                | 66.54          | 0.00          | 3,730.74                         |
| RW - 6      | 03/18/10      | 3,797.28                | -                | 66.56          | 0.00          | 3,730.72                         |
| RW - 6      | 03/24/10      | 3,797.28                | -                | 66.58          | 0.00          | 3,730.70                         |
| RW - 6      | 04/07/10      | 3,797.28                | -                | 66.54          | 0.00          | 3,730.74                         |
| RW - 6      | 04/20/10      | 3,797.28                | -                | 66.56          | 0.00          | 3,730.72                         |
| RW - 6      | 04/27/10      | 3,797.28                | -                | 66.55          | 0.00          | 3,730.73                         |
| RW - 6      | 04/30/10      | 3,797.28                | -                | 66.53          | 0.00          | 3,730.75                         |
| RW - 6      | 05/04/10      | 3,797.28                | -                | 66.56          | 0.00          | 3,730.72                         |
| RW - 6      | 05/11/10      | 3,797.28                | -                | 66.58          | 0.00          | 3,730.70                         |
| RW - 6      | 05/18/10      | 3,797.28                | -                | 66.61          | 0.00          | 3,730.67                         |
| RW - 6      | 05/28/10      | 3,797.28                | -                | 66.62          | 0.00          | 3,730.66                         |
| RW - 6      | 06/01/10      | 3,797.28                | -                | 66.62          | 0.00          | 3,730.66                         |
| RW - 6      | 06/03/10      | 3,797.28                | -                | 66.62          | 0.00          | 3,730.66                         |
| RW - 6      | 06/08/10      | 3,797.28                | -                | 66.60          | 0.00          | 3,730.68                         |
| RW - 6      | 06/15/10      | 3,797.28                | -                | 66.58          | 0.00          | 3,730.70                         |
| RW - 6      | 07/08/10      | 3,797.28                | -                | 66.74          | 0.00          | 3,730.54                         |
| RW - 6      | 07/21/10      | 3,797.28                | -                | 66.76          | 0.00          | 3,730.52                         |
| RW - 6      | 07/27/10      | 3,797.28                | -                | 66.74          | 0.00          | 3,730.54                         |
| RW - 6      | 08/03/10      | 3,797.28                | -                | 66.80          | 0.00          | 3,730.48                         |
| RW - 6      | 08/10/10      | 3,797.28                | -                | 66.76          | 0.00          | 3,730.52                         |
| RW - 6      | 08/17/10      | 3,797.28                | -                | 66.76          | 0.00          | 3,730.52                         |
| RW - 6      | 08/24/10      | 3,797.28                | -                | 66.79          | 0.00          | 3,730.49                         |
| RW - 6      | 08/31/10      | 3,797.28                | -                | 66.77          | 0.00          | 3,730.51                         |
| RW - 6      | 09/08/10      | 3,797.28                | -                | 66.88          | 0.00          | 3,730.40                         |
| RW - 6      | 09/15/10      | 3,797.28                | -                | 66.81          | 0.00          | 3,730.47                         |
| RW - 6      | 09/21/10      | 3,797.28                | -                | 66.90          | 0.00          | 3,730.38                         |

TABLE 1

## GROUNDWATER ELEVATION DATA - 2010

PLAINS MARKETING, L.P.  
DARR ANGELL 4  
LEA COUNTY, NEW MEXICO  
NMOCD REFERENCE NUMBER AP-007

| WELL NUMBER | DATE MEASURED | TOP OF CASING ELEVATION | DEPTH TO PRODUCT | DEPTH TO WATER | PSH THICKNESS | CORRECTED GROUND WATER ELEVATION |
|-------------|---------------|-------------------------|------------------|----------------|---------------|----------------------------------|
| RW - 6      | 09/28/10      | 3,797.28                | -                | 66.88          | 0.00          | 3,730.40                         |
| RW - 6      | 10/05/10      | 3,797.28                | -                | 66.83          | 0.00          | 3,730.45                         |
| RW - 6      | 10/12/10      | 3,797.28                | -                | 66.95          | 0.00          | 3,730.33                         |
| RW - 6      | 10/19/10      | 3,797.28                | -                | 67.01          | 0.00          | 3,730.27                         |
| RW - 6      | 10/27/10      | 3,797.28                | -                | 66.97          | 0.00          | 3,730.31                         |
| RW - 6      | 11/02/10      | 3,797.28                | -                | 66.75          | 0.00          | 3,730.53                         |
| RW - 6      | 11/09/10      | 3,797.28                | -                | 66.89          | 0.00          | 3,730.39                         |
| RW - 6      | 11/16/10      | 3,797.28                | -                | 66.73          | 0.00          | 3,730.55                         |
| RW - 6      | 11/23/10      | 3,797.28                | -                | 66.81          | 0.00          | 3,730.47                         |
| RW - 6      | 12/02/10      | 3,797.28                | -                | 66.78          | 0.00          | 3,730.50                         |
| RW - 6      | 12/07/10      | 3,797.28                | -                | 66.76          | 0.00          | 3,730.52                         |
| RW - 6      | 12/15/10      | 3,797.28                | -                | 66.72          | 0.00          | 3,730.56                         |
| RW - 6      | 12/21/10      | 3,797.28                | -                | 67.06          | 0.00          | 3,730.22                         |
| RW - 6      | 12/29/10      | 3,797.28                | -                | 66.76          | 0.00          | 3,730.52                         |
|             |               |                         |                  |                |               |                                  |
| RW - 7      | 01/04/10      | 3,797.43                | 66.50            | 67.13          | 0.63          | 3,730.80                         |
| RW - 7      | 01/13/10      | 3,797.43                | 66.56            | 67.01          | 0.45          | 3,730.78                         |
| RW - 7      | 01/18/10      | 3,797.43                | 66.48            | 67.10          | 0.62          | 3,730.83                         |
| RW - 7      | 01/25/10      | 3,797.43                | 66.62            | 66.93          | 0.31          | 3,730.75                         |
| RW - 7      | 02/17/10      | 3,797.43                | 66.54            | 67.27          | 0.73          | 3,730.74                         |
| RW - 7      | 02/24/10      | 3,797.43                | 66.53            | 67.24          | 0.71          | 3,730.76                         |
| RW - 7      | 03/03/10      | 3,797.43                | 66.63            | 67.15          | 0.52          | 3,730.70                         |
| RW - 7      | 03/09/10      | 3,797.43                | 66.65            | 67.14          | 0.49          | 3,730.68                         |
| RW - 7      | 03/18/10      | 3,797.43                | 66.60            | 67.33          | 0.73          | 3,730.68                         |
| RW - 7      | 03/24/10      | 3,797.43                | 66.59            | 67.34          | 0.75          | 3,730.69                         |
| RW - 7      | 04/07/10      | 3,797.43                | 66.58            | 67.68          | 1.10          | 3,730.63                         |
| RW - 7      | 04/20/10      | 3,797.43                | 66.62            | 67.31          | 0.69          | 3,730.67                         |
| RW - 7      | 04/27/10      | 3,797.43                | 66.63            | 67.29          | 0.66          | 3,730.67                         |
| RW - 7      | 04/30/10      | 3,797.43                | 66.65            | 67.27          | 0.62          | 3,730.66                         |
| RW - 7      | 05/04/10      | 3,797.43                | 66.63            | 67.28          | 0.65          | 3,730.67                         |
| RW - 7      | 05/11/10      | 3,797.43                | 66.49            | 68.36          | 1.87          | 3,730.57                         |
| RW - 7      | 05/18/10      | 3,797.43                | 66.50            | 68.33          | 1.83          | 3,730.56                         |
| RW - 7      | 05/28/10      | 3,797.43                | 66.52            | 68.31          | 1.79          | 3,730.55                         |
| RW - 7      | 06/01/10      | 3,797.43                | 66.52            | 68.31          | 1.79          | 3,730.55                         |
| RW - 7      | 06/03/10      | 3,797.43                | 66.56            | 68.33          | 1.77          | 3,730.52                         |
| RW - 7      | 06/08/10      | 3,797.43                | 66.59            | 68.30          | 1.71          | 3,730.50                         |
| RW - 7      | 06/15/10      | 3,797.43                | 66.57            | 68.32          | 1.75          | 3,730.51                         |
| RW - 7      | 07/08/10      | 3,797.43                | 66.63            | 68.24          | 1.61          | 3,730.48                         |
| RW - 7      | 07/21/10      | 3,797.43                | 66.76            | 67.75          | 0.99          | 3,730.47                         |
| RW - 7      | 07/27/10      | 3,797.43                | 66.91            | 67.15          | 0.24          | 3,730.47                         |
| RW - 7      | 08/03/10      | 3,797.43                | 66.91            | 67.11          | 0.20          | 3,730.48                         |
| RW - 7      | 08/10/10      | 3,797.43                | 66.94            | 67.20          | 0.26          | 3,730.44                         |
| RW - 7      | 08/17/10      | 3,797.43                | 66.96            | 67.19          | 0.23          | 3,730.42                         |
| RW - 7      | 08/24/10      | 3,797.43                | 66.97            | 67.21          | 0.24          | 3,730.41                         |
| RW - 7      | 08/31/10      | 3,797.43                | 66.94            | 67.31          | 0.37          | 3,730.42                         |
| RW - 7      | 09/08/10      | 3,797.43                | 66.95            | 67.36          | 0.41          | 3,730.40                         |
| RW - 7      | 09/15/10      | 3,797.43                | 66.93            | 67.46          | 0.53          | 3,730.39                         |
| RW - 7      | 09/21/10      | 3,797.43                | 67.02            | 67.21          | 0.19          | 3,730.37                         |

TABLE 1

## GROUNDWATER ELEVATION DATA - 2010

PLAINS MARKETING, L.P.  
DARR ANGELL 4  
LEA COUNTY, NEW MEXICO  
NMOCD REFERENCE NUMBER AP-007

| WELL NUMBER | DATE MEASURED | TOP OF CASING ELEVATION | DEPTH TO PRODUCT | DEPTH TO WATER | PSH THICKNESS | CORRECTED GROUND WATER ELEVATION |
|-------------|---------------|-------------------------|------------------|----------------|---------------|----------------------------------|
| RW - 7      | 09/28/10      | 3,797.43                | 67.02            | 67.34          | 0.32          | 3,730.35                         |
| RW - 7      | 10/05/10      | 3,797.43                | 66.99            | 67.31          | 0.32          | 3,730.38                         |
| RW - 7      | 10/12/10      | 3,797.43                | 67.04            | 67.40          | 0.36          | 3,730.32                         |
| RW - 7      | 10/19/10      | 3,797.43                | 66.99            | 67.36          | 0.37          | 3,730.37                         |
| RW - 7      | 10/27/10      | 3,797.43                | 67.01            | 67.40          | 0.39          | 3,730.34                         |
| RW - 7      | 11/02/10      | 3,797.43                | 66.95            | 67.26          | 0.31          | 3,730.42                         |
| RW - 7      | 11/09/10      | 3,797.43                | 67.02            | 67.73          | 0.71          | 3,730.27                         |
| RW - 7      | 11/16/10      | 3,797.43                | 66.84            | 67.14          | 0.30          | 3,730.53                         |
| RW - 7      | 11/23/10      | 3,797.43                | 66.96            | 67.23          | 0.27          | 3,730.42                         |
| RW - 7      | 12/02/10      | 3,797.43                | 66.87            | 67.35          | 0.48          | 3,730.46                         |
| RW - 7      | 12/07/10      | 3,797.43                | 66.96            | 67.29          | 0.33          | 3,730.40                         |
| RW - 7      | 12/15/10      | 3,797.43                | 66.81            | 67.76          | 0.95          | 3,730.43                         |
| RW - 7      | 12/21/10      | 3,797.43                | 67.41            | 67.84          | 0.43          | 3,729.93                         |
| RW - 7      | 12/29/10      | 3,797.43                | 66.84            | 67.23          | 0.39          | 3,730.51                         |
|             |               |                         |                  |                |               |                                  |
| RW - 8      | 01/04/10      | 3,798.33                | 67.36            | 68.35          | 0.99          | 3,730.82                         |
| RW - 8      | 01/13/10      | 3,798.33                | 67.44            | 68.12          | 0.68          | 3,730.79                         |
| RW - 8      | 01/18/10      | 3,798.33                | 67.34            | 68.34          | 1.00          | 3,730.84                         |
| RW - 8      | 01/25/10      | 3,798.33                | 67.45            | 67.97          | 0.52          | 3,730.80                         |
| RW - 8      | 02/17/10      | 3,798.33                | 67.32            | 68.73          | 1.41          | 3,730.80                         |
| RW - 8      | 02/24/10      | 3,798.33                | 67.33            | 68.71          | 1.38          | 3,730.79                         |
| RW - 8      | 03/03/10      | 3,798.33                | 67.48            | 68.40          | 0.92          | 3,730.71                         |
| RW - 8      | 03/09/10      | 3,798.33                | 67.50            | 68.38          | 0.88          | 3,730.70                         |
| RW - 8      | 03/18/10      | 3,798.33                | 67.49            | 68.58          | 1.09          | 3,730.68                         |
| RW - 8      | 03/24/10      | 3,798.33                | 67.52            | 68.44          | 0.92          | 3,730.67                         |
| RW - 8      | 04/07/10      | 3,798.33                | 67.44            | 68.75          | 1.31          | 3,730.69                         |
| RW - 8      | 04/20/10      | 3,798.33                | 67.52            | 68.47          | 0.95          | 3,730.67                         |
| RW - 8      | 04/27/10      | 3,798.33                | 67.54            | 68.45          | 0.91          | 3,730.65                         |
| RW - 8      | 04/30/10      | 3,798.33                | 67.56            | 68.43          | 0.87          | 3,730.64                         |
| RW - 8      | 05/04/10      | 3,798.33                | 67.58            | 68.40          | 0.82          | 3,730.63                         |
| RW - 8      | 05/11/10      | 3,798.33                | 67.58            | 68.38          | 0.80          | 3,730.63                         |
| RW - 8      | 05/18/10      | 3,798.33                | 67.58            | 68.36          | 0.78          | 3,730.63                         |
| RW - 8      | 05/28/10      | 3,798.33                | 67.58            | 68.34          | 0.76          | 3,730.64                         |
| RW - 8      | 06/01/10      | 3,798.33                | 67.58            | 68.34          | 0.76          | 3,730.64                         |
| RW - 8      | 06/03/10      | 3,798.33                | 67.59            | 68.32          | 0.73          | 3,730.63                         |
| RW - 8      | 06/08/10      | 3,798.33                | 67.59            | 68.31          | 0.72          | 3,730.63                         |
| RW - 8      | 06/15/10      | 3,798.33                | 67.57            | 68.33          | 0.76          | 3,730.65                         |
| RW - 8      | 07/08/10      | 3,798.33                | 67.40            | 69.89          | 2.49          | 3,730.56                         |
| RW - 8      | 07/21/10      | 3,798.33                | 67.25            | 70.24          | 2.99          | 3,730.63                         |
| RW - 8      | 07/27/10      | 3,798.33                | 67.52            | 68.33          | 0.81          | 3,730.69                         |
| RW - 8      | 08/03/10      | 3,798.33                | 67.72            | 68.41          | 0.69          | 3,730.51                         |
| RW - 8      | 08/10/10      | 3,798.33                | 67.73            | 68.41          | 0.68          | 3,730.50                         |
| RW - 8      | 08/17/10      | 3,798.33                | 67.79            | 68.44          | 0.65          | 3,730.44                         |
| RW - 8      | 08/24/10      | 3,798.33                | 67.78            | 68.44          | 0.66          | 3,730.45                         |
| RW - 8      | 08/31/10      | 3,798.33                | 67.80            | 68.49          | 0.69          | 3,730.43                         |
| RW - 8      | 09/08/10      | 3,798.33                | 67.77            | 68.55          | 0.78          | 3,730.44                         |
| RW - 8      | 09/15/10      | 3,798.33                | 67.92            | 68.93          | 1.01          | 3,730.26                         |
| RW - 8      | 09/21/10      | 3,798.33                | 67.84            | 68.39          | 0.55          | 3,730.41                         |

TABLE 1

## GROUNDWATER ELEVATION DATA - 2010

PLAINS MARKETING, L.P.  
DARR ANGELL 4  
LEA COUNTY, NEW MEXICO  
NMOCD REFERENCE NUMBER AP-007

| WELL NUMBER | DATE MEASURED | TOP OF CASING ELEVATION | DEPTH TO PRODUCT | DEPTH TO WATER | PSH THICKNESS | CORRECTED GROUND WATER ELEVATION |
|-------------|---------------|-------------------------|------------------|----------------|---------------|----------------------------------|
| RW - 8      | 09/28/10      | 3,798.33                | 67.78            | 68.76          | 0.98          | 3,730.40                         |
| RW - 8      | 10/05/10      | 3,798.33                | 67.80            | 68.82          | 1.02          | 3,730.38                         |
| RW - 8      | 10/12/10      | 3,798.33                | 67.80            | 68.90          | 1.10          | 3,730.37                         |
| RW - 8      | 10/19/10      | 3,798.33                | 67.76            | 68.85          | 1.09          | 3,730.41                         |
| RW - 8      | 10/27/10      | 3,798.33                | 67.71            | 68.90          | 1.19          | 3,730.44                         |
| RW - 8      | 11/02/10      | 3,798.33                | 67.70            | 68.34          | 0.64          | 3,730.53                         |
| RW - 8      | 11/09/10      | 3,798.33                | 67.73            | 68.44          | 0.71          | 3,730.49                         |
| RW - 8      | 11/16/10      | 3,798.33                | 67.53            | 68.27          | 0.74          | 3,730.69                         |
| RW - 8      | 11/23/10      | 3,798.33                | 67.77            | 68.45          | 0.68          | 3,730.46                         |
| RW - 8      | 12/02/10      | 3,798.33                | 67.95            | 68.76          | 0.81          | 3,730.26                         |
| RW - 8      | 12/07/10      | 3,798.33                | 67.85            | 68.73          | 0.88          | 3,730.35                         |
| RW - 8      | 12/15/10      | 3,798.33                | 67.32            | 68.61          | 1.29          | 3,730.82                         |
| RW - 8      | 12/21/10      | 3,798.33                | 67.87            | 69.12          | 1.25          | 3,730.27                         |
| RW - 8      | 12/29/10      | 3,798.33                | 67.91            | 68.69          | 0.78          | 3,730.30                         |
|             |               |                         |                  |                |               |                                  |
| RW - 9      | 01/04/10      | 3,797.99                | 66.92            | 67.95          | 1.03          | 3,730.92                         |
| RW - 9      | 01/13/10      | 3,797.99                | 67.00            | 67.70          | 0.70          | 3,730.89                         |
| RW - 9      | 01/18/10      | 3,797.99                | 66.95            | 68.00          | 1.05          | 3,730.88                         |
| RW - 9      | 01/25/10      | 3,797.99                | 67.05            | 67.60          | 0.55          | 3,730.86                         |
| RW - 9      | 02/17/10      | 3,797.99                | 66.89            | 68.53          | 1.64          | 3,730.85                         |
| RW - 9      | 02/24/10      | 3,797.99                | 66.87            | 68.52          | 1.65          | 3,730.87                         |
| RW - 9      | 03/03/10      | 3,797.99                | 67.03            | 68.05          | 1.02          | 3,730.81                         |
| RW - 9      | 03/09/10      | 3,797.99                | 67.05            | 68.07          | 1.02          | 3,730.79                         |
| RW - 9      | 03/18/10      | 3,797.99                | 67.03            | 68.08          | 1.05          | 3,730.80                         |
| RW - 9      | 03/24/10      | 3,797.99                | 67.05            | 68.09          | 1.04          | 3,730.78                         |
| RW - 9      | 04/07/10      | 3,797.99                | 66.78            | 69.24          | 2.46          | 3,730.84                         |
| RW - 9      | 04/20/10      | 3,797.99                | 67.03            | 68.09          | 1.06          | 3,730.80                         |
| RW - 9      | 04/27/10      | 3,797.99                | 67.05            | 68.07          | 1.02          | 3,730.79                         |
| RW - 9      | 04/30/10      | 3,797.99                | 67.07            | 68.06          | 0.99          | 3,730.77                         |
| RW - 9      | 05/04/10      | 3,797.99                | 67.09            | 68.04          | 0.95          | 3,730.76                         |
| RW - 9      | 05/11/10      | 3,797.99                | 67.15            | 68.00          | 0.85          | 3,730.71                         |
| RW - 9      | 05/18/10      | 3,797.99                | 67.16            | 68.01          | 0.85          | 3,730.70                         |
| RW - 9      | 05/28/10      | 3,797.99                | 67.17            | 68.00          | 0.83          | 3,730.70                         |
| RW - 9      | 06/01/10      | 3,797.99                | 67.17            | 68.00          | 0.83          | 3,730.70                         |
| RW - 9      | 06/03/10      | 3,797.99                | 67.15            | 67.97          | 0.82          | 3,730.72                         |
| RW - 9      | 06/08/10      | 3,797.99                | 67.17            | 67.94          | 0.77          | 3,730.70                         |
| RW - 9      | 06/15/10      | 3,797.99                | 67.19            | 67.92          | 0.73          | 3,730.69                         |
| RW - 9      | 07/08/10      | 3,797.99                | 66.64            | 70.96          | 4.32          | 3,730.70                         |
| RW - 9      | 07/21/10      | 3,797.99                | 66.49            | 70.48          | 3.99          | 3,730.90                         |
| RW - 9      | 07/27/10      | 3,797.99                | 67.25            | 68.35          | 1.10          | 3,730.58                         |
| RW - 9      | 08/03/10      | 3,797.99                | 67.24            | 68.11          | 0.87          | 3,730.62                         |
| RW - 9      | 08/10/10      | 3,797.99                | 67.45            | 68.10          | 0.65          | 3,730.44                         |
| RW - 9      | 08/17/10      | 3,797.99                | 67.32            | 68.07          | 0.75          | 3,730.56                         |
| RW - 9      | 08/24/10      | 3,797.99                | 67.31            | 68.07          | 0.76          | 3,730.57                         |
| RW - 9      | 08/31/10      | 3,797.99                | 67.33            | 68.29          | 0.96          | 3,730.52                         |
| RW - 9      | 09/08/10      | 3,797.99                | 67.26            | 68.40          | 1.14          | 3,730.56                         |
| RW - 9      | 09/15/10      | 3,797.99                | 67.22            | 68.93          | 1.71          | 3,730.51                         |
| RW - 9      | 09/21/10      | 3,797.99                | 67.36            | 68.03          | 0.67          | 3,730.53                         |

TABLE 1

## GROUNDWATER ELEVATION DATA - 2010

PLAINS MARKETING, L.P.  
DARR ANGELL 4  
LEA COUNTY, NEW MEXICO  
NMOCD REFERENCE NUMBER AP-007

| WELL NUMBER | DATE MEASURED | TOP OF CASING ELEVATION | DEPTH TO PRODUCT | DEPTH TO WATER | PSH THICKNESS | CORRECTED GROUND WATER ELEVATION |
|-------------|---------------|-------------------------|------------------|----------------|---------------|----------------------------------|
| RW - 9      | 09/28/10      | 3,797.99                | 67.34            | 68.51          | 1.17          | 3,730.47                         |
| RW - 9      | 10/05/10      | 3,797.99                | 67.31            | 68.49          | 1.18          | 3,730.50                         |
| RW - 9      | 10/12/10      | 3,797.99                | 67.34            | 68.58          | 1.24          | 3,730.46                         |
| RW - 9      | 10/19/10      | 3,797.99                | 67.40            | 68.61          | 1.21          | 3,730.41                         |
| RW - 9      | 10/27/10      | 3,797.99                | 67.37            | 68.58          | 1.21          | 3,730.44                         |
| RW - 9      | 11/02/10      | 3,797.99                | 67.45            | 68.12          | 0.67          | 3,730.44                         |
| RW - 9      | 11/09/10      | 3,797.99                | 67.31            | 68.39          | 1.08          | 3,730.52                         |
| RW - 9      | 11/16/10      | 3,797.99                | 67.32            | 68.19          | 0.87          | 3,730.54                         |
| RW - 9      | 11/23/10      | 3,797.99                | 67.32            | 68.04          | 0.72          | 3,730.56                         |
| RW - 9      | 12/02/10      | 3,797.99                | 67.16            | 67.99          | 0.83          | 3,730.71                         |
| RW - 9      | 12/07/10      | 3,797.99                | 67.42            | 68.14          | 0.72          | 3,730.46                         |
| RW - 9      | 12/15/10      | 3,797.99                | 66.43            | 68.31          | 1.88          | 3,731.28                         |
| RW - 9      | 12/21/10      | 3,797.99                | 67.21            | 68.76          | 1.55          | 3,730.55                         |
| RW - 9      | 12/29/10      | 3,797.99                | 67.12            | 67.93          | 0.81          | 3,730.75                         |
|             |               |                         |                  |                |               |                                  |
| RW - 10     | 01/04/10      | 3,799.10                | 67.71            | 71.40          | 3.69          | 3,730.84                         |
| RW - 10     | 01/13/10      | 3,799.10                | 67.75            | 71.76          | 4.01          | 3,730.75                         |
| RW - 10     | 01/18/10      | 3,799.10                | 67.64            | 71.53          | 3.89          | 3,730.88                         |
| RW - 10     | 01/25/10      | 3,799.10                | 67.86            | 70.81          | 2.95          | 3,730.80                         |
| RW - 10     | 02/17/10      | 3,799.10                | 67.63            | 71.97          | 4.34          | 3,730.82                         |
| RW - 10     | 02/24/10      | 3,799.10                | 67.61            | 71.95          | 4.34          | 3,730.84                         |
| RW - 10     | 03/03/10      | 3,799.10                | 67.70            | 71.92          | 4.22          | 3,730.77                         |
| RW - 10     | 03/09/10      | 3,799.10                | 67.71            | 71.89          | 4.18          | 3,730.76                         |
| RW - 10     | 06/01/10      | 3,799.10                | 67.31            | 70.48          | 3.17          | 3,731.31                         |
| RW - 10     | 08/24/10      | 3,799.10                | 67.34            | 70.59          | 3.25          | 3,731.27                         |
| RW - 10     | 11/23/10      | 3,799.10                | Not Gauged       |                |               |                                  |
|             |               |                         |                  |                |               |                                  |
| RW - 11     | 01/13/10      | 3,796.65                | 65.08            | 70.93          | 5.85          | 3,730.69                         |
| RW - 11     | 02/17/10      | 3,796.65                | 64.99            | 70.73          | 5.74          | 3,730.80                         |
| RW - 11     | 06/01/10      | 3,796.65                | 64.73            | 70.86          | 6.13          | 3,731.00                         |
| RW - 11     | 08/24/10      | 3,796.65                | 64.70            | 70.83          | 6.13          | 3,731.03                         |
| RW - 11     | 11/23/10      | 3,796.65                | 64.70            | 70.76          | 6.06          | 3,731.04                         |
|             |               |                         |                  |                |               |                                  |
| RW - 12     | 01/04/10      | 3,798.13                | 67.22            | 67.96          | 0.74          | 3,730.80                         |
| RW - 12     | 01/13/10      | 3,798.13                | 67.28            | 67.80          | 0.52          | 3,730.77                         |
| RW - 12     | 01/18/10      | 3,798.13                | 67.23            | 67.95          | 0.72          | 3,730.79                         |
| RW - 12     | 01/25/10      | 3,798.13                | 67.33            | 67.67          | 0.34          | 3,730.75                         |
| RW - 12     | 02/17/10      | 3,798.13                | 67.25            | 68.20          | 0.95          | 3,730.74                         |
| RW - 12     | 02/24/10      | 3,798.13                | 67.25            | 68.19          | 0.94          | 3,730.74                         |
| RW - 12     | 03/03/10      | 3,798.13                | 67.33            | 68.05          | 0.72          | 3,730.69                         |
| RW - 12     | 03/09/10      | 3,798.13                | 67.36            | 68.03          | 0.67          | 3,730.67                         |
| RW - 12     | 03/18/10      | 3,798.13                | 67.38            | 67.98          | 0.60          | 3,730.66                         |
| RW - 12     | 03/24/10      | 3,798.13                | 67.40            | 67.97          | 0.57          | 3,730.64                         |
| RW - 12     | 04/07/10      | 3,798.13                | 67.34            | 68.31          | 0.97          | 3,730.64                         |
| RW - 12     | 04/20/10      | 3,798.13                | 67.36            | 67.99          | 0.63          | 3,730.68                         |
| RW - 12     | 04/27/10      | 3,798.13                | 67.35            | 67.98          | 0.63          | 3,730.69                         |
| RW - 12     | 04/30/10      | 3,798.13                | 67.36            | 67.99          | 0.63          | 3,730.68                         |
| RW - 12     | 05/04/10      | 3,798.13                | 67.33            | 67.96          | 0.63          | 3,730.71                         |

TABLE 1

## GROUNDWATER ELEVATION DATA - 2010

PLAINS MARKETING, L.P.  
DARR ANGELL 4  
LEA COUNTY, NEW MEXICO  
NMOCD REFERENCE NUMBER AP-007

| WELL NUMBER | DATE MEASURED | TOP OF CASING ELEVATION | DEPTH TO PRODUCT | DEPTH TO WATER | PSH THICKNESS | CORRECTED GROUND WATER ELEVATION |
|-------------|---------------|-------------------------|------------------|----------------|---------------|----------------------------------|
| RW - 12     | 05/11/10      | 3,798.13                | 67.39            | 67.94          | 0.55          | 3,730.66                         |
| RW - 12     | 05/18/10      | 3,798.13                | 67.37            | 67.90          | 0.53          | 3,730.68                         |
| RW - 12     | 05/28/10      | 3,798.13                | 67.36            | 67.91          | 0.55          | 3,730.69                         |
| RW - 12     | 06/01/10      | 3,798.13                | 67.36            | 67.91          | 0.55          | 3,730.69                         |
| RW - 12     | 06/03/10      | 3,798.13                | 67.39            | 67.92          | 0.53          | 3,730.66                         |
| RW - 12     | 06/08/10      | 3,798.13                | 67.38            | 67.90          | 0.52          | 3,730.67                         |
| RW - 12     | 06/15/10      | 3,798.13                | 67.40            | 67.87          | 0.47          | 3,730.66                         |
| RW - 12     | 07/08/10      | 3,798.13                | 67.37            | 69.97          | 2.60          | 3,730.37                         |
| RW - 12     | 07/21/10      | 3,798.13                | 67.49            | 68.52          | 1.03          | 3,730.49                         |
| RW - 12     | 07/27/10      | 3,798.13                | 67.64            | 67.96          | 0.32          | 3,730.44                         |
| RW - 12     | 08/03/10      | 3,798.13                | 67.63            | 68.00          | 0.37          | 3,730.44                         |
| RW - 12     | 08/10/10      | 3,798.13                | 67.66            | 67.98          | 0.32          | 3,730.42                         |
| RW - 12     | 08/17/10      | 3,798.13                | 67.66            | 67.96          | 0.30          | 3,730.43                         |
| RW - 12     | 08/24/10      | 3,798.13                | 67.71            | 68.04          | 0.33          | 3,730.37                         |
| RW - 12     | 08/31/10      | 3,798.13                | 67.65            | 68.10          | 0.45          | 3,730.41                         |
| RW - 12     | 09/08/10      | 3,798.13                | 67.69            | 68.15          | 0.46          | 3,730.37                         |
| RW - 12     | 09/15/10      | 3,798.13                | 67.66            | 68.32          | 0.66          | 3,730.37                         |
| RW - 12     | 09/21/10      | 3,798.13                | 67.72            | 68.02          | 0.30          | 3,730.37                         |
| RW - 12     | 09/28/10      | 3,798.13                | 67.70            | 68.21          | 0.51          | 3,730.35                         |
| RW - 12     | 10/05/10      | 3,798.13                | 67.73            | 68.18          | 0.45          | 3,730.33                         |
| RW - 12     | 10/12/10      | 3,798.13                | 67.68            | 68.42          | 0.74          | 3,730.34                         |
| RW - 12     | 10/19/10      | 3,798.13                | 67.68            | 68.42          | 0.74          | 3,730.34                         |
| RW - 12     | 10/27/10      | 3,798.13                | 67.63            | 68.45          | 0.82          | 3,730.38                         |
| RW - 12     | 11/02/10      | 3,798.13                | 67.69            | 68.03          | 0.34          | 3,730.39                         |
| RW - 12     | 11/09/10      | 3,798.13                | 67.71            | 68.23          | 0.52          | 3,730.34                         |
| RW - 12     | 11/16/10      | 3,798.13                | 67.61            | 67.94          | 0.33          | 3,730.47                         |
| RW - 12     | 11/23/10      | 3,798.13                | 67.72            | 67.98          | 0.26          | 3,730.37                         |
| RW - 12     | 12/02/10      | 3,798.13                | 67.71            | 68.53          | 0.82          | 3,730.30                         |
| RW - 12     | 12/07/10      | 3,798.13                | 67.75            | 68.11          | 0.36          | 3,730.33                         |
| RW - 12     | 12/15/10      | 3,798.13                | 67.41            | 68.54          | 1.13          | 3,730.55                         |
| RW - 12     | 12/21/10      | 3,798.13                | 67.76            | 68.47          | 0.71          | 3,730.26                         |
| RW - 12     | 12/29/10      | 3,798.13                | 67.68            | 68.47          | 0.79          | 3,730.33                         |
|             |               |                         |                  |                |               |                                  |
| RW - 13     | 01/04/10      | 3,798.52                | -                | 67.90          | 0.00          | 3,730.62                         |
| RW - 13     | 01/13/10      | 3,798.52                | -                | 67.90          | 0.00          | 3,730.62                         |
| RW - 13     | 01/18/10      | 3,798.52                | -                | 68.00          | 0.00          | 3,730.52                         |
| RW - 13     | 01/25/10      | 3,798.52                | -                | 67.84          | 0.00          | 3,730.68                         |
| RW - 13     | 02/17/10      | 3,798.52                | -                | 67.96          | 0.00          | 3,730.56                         |
| RW - 13     | 02/24/10      | 3,798.52                | -                | 67.94          | 0.00          | 3,730.58                         |
| RW - 13     | 03/03/10      | 3,798.52                | -                | 68.02          | 0.00          | 3,730.50                         |
| RW - 13     | 03/09/10      | 3,798.52                | -                | 68.03          | 0.00          | 3,730.49                         |
| RW - 13     | 03/18/10      | 3,798.52                | -                | 68.08          | 0.00          | 3,730.44                         |
| RW - 13     | 03/24/10      | 3,798.52                | -                | 68.11          | 0.00          | 3,730.41                         |
| RW - 13     | 04/07/10      | 3,798.52                | -                | 68.12          | 0.00          | 3,730.40                         |
| RW - 13     | 04/20/10      | 3,798.52                | -                | 68.09          | 0.00          | 3,730.43                         |
| RW - 13     | 04/27/10      | 3,798.52                | -                | 68.10          | 0.00          | 3,730.42                         |
| RW - 13     | 04/30/10      | 3,798.52                | -                | 68.10          | 0.00          | 3,730.42                         |
| RW - 13     | 05/04/10      | 3,798.52                | -                | 68.12          | 0.00          | 3,730.40                         |
| RW - 13     | 05/11/10      | 3,798.52                | -                | 68.08          | 0.00          | 3,730.44                         |

TABLE 1

## GROUNDWATER ELEVATION DATA - 2010

PLAINS MARKETING, L.P.  
DARR ANGELL 4  
LEA COUNTY, NEW MEXICO  
NMOCD REFERENCE NUMBER AP-007

| WELL NUMBER | DATE MEASURED | TOP OF CASING ELEVATION | DEPTH TO PRODUCT | DEPTH TO WATER | PSH THICKNESS | CORRECTED GROUND WATER ELEVATION |
|-------------|---------------|-------------------------|------------------|----------------|---------------|----------------------------------|
| RW - 13     | 05/18/10      | 3,798.52                | -                | 68.05          | 0.00          | 3,730.47                         |
| RW - 13     | 05/28/10      | 3,798.52                | -                | 68.07          | 0.00          | 3,730.45                         |
| RW - 13     | 06/01/10      | 3,798.52                | -                | 68.07          | 0.00          | 3,730.45                         |
| RW - 13     | 06/03/10      | 3,798.52                | -                | 68.09          | 0.00          | 3,730.43                         |
| RW - 13     | 06/08/10      | 3,798.52                | -                | 68.08          | 0.00          | 3,730.44                         |
| RW - 13     | 06/15/10      | 3,798.52                | -                | 68.09          | 0.00          | 3,730.43                         |
| RW - 13     | 07/08/10      | 3,798.52                | -                | 68.13          | 0.00          | 3,730.39                         |
| RW - 13     | 07/21/10      | 3,798.52                | -                | 68.20          | 0.00          | 3,730.32                         |
| RW - 13     | 07/27/10      | 3,798.52                | -                | 68.25          | 0.00          | 3,730.27                         |
| RW - 13     | 08/03/10      | 3,798.52                | -                | 68.26          | 0.00          | 3,730.26                         |
| RW - 13     | 08/10/10      | 3,798.52                | -                | 68.21          | 0.00          | 3,730.31                         |
| RW - 13     | 08/17/10      | 3,798.52                | -                | 67.13          | 0.00          | 3,731.39                         |
| RW - 13     | 08/24/10      | 3,798.52                | -                | 68.20          | 0.00          | 3,730.32                         |
| RW - 13     | 08/31/10      | 3,798.52                | -                | 68.25          | 0.00          | 3,730.27                         |
| RW - 13     | 09/08/10      | 3,798.52                | -                | 68.34          | 0.00          | 3,730.18                         |
| RW - 13     | 09/15/10      | 3,798.52                | -                | 68.27          | 0.00          | 3,730.25                         |
| RW - 13     | 09/21/10      | 3,798.52                | -                | 68.28          | 0.00          | 3,730.24                         |
| RW - 13     | 09/28/10      | 3,798.52                | -                | 68.26          | 0.00          | 3,730.26                         |
| RW - 13     | 10/05/10      | 3,798.52                | -                | 68.30          | 0.00          | 3,730.22                         |
| RW - 13     | 10/12/10      | 3,798.52                | -                | 68.43          | 0.00          | 3,730.09                         |
| RW - 13     | 10/19/10      | 3,798.52                | -                | 68.45          | 0.00          | 3,730.07                         |
| RW - 13     | 10/27/10      | 3,798.52                | -                | 68.39          | 0.00          | 3,730.13                         |
| RW - 13     | 11/02/10      | 3,798.52                | -                | 68.30          | 0.00          | 3,730.22                         |
| RW - 13     | 11/09/10      | 3,798.52                | -                | 68.29          | 0.00          | 3,730.23                         |
| RW - 13     | 11/16/10      | 3,798.52                | -                | 68.31          | 0.00          | 3,730.21                         |
| RW - 13     | 11/23/10      | 3,798.52                | -                | 68.21          | 0.00          | 3,730.31                         |
| RW - 13     | 12/02/10      | 3,798.52                | -                | 68.31          | 0.00          | 3,730.21                         |
| RW - 13     | 12/07/10      | 3,798.52                | -                | 68.24          | 0.00          | 3,730.28                         |
| RW - 13     | 12/15/10      | 3,798.52                | -                | 68.14          | 0.00          | 3,730.38                         |
| RW - 13     | 12/21/10      | 3,798.52                | -                | 67.42          | 0.00          | 3,731.10                         |
| RW - 13     | 12/29/10      | 3,798.52                | -                | 68.27          | 0.00          | 3,730.25                         |

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

ND = No Water detected during gauging of well.

TABLE 2

## CONCENTRATIONS OF BTEX AND TPH IN GROUNDWATER

PLAINS MARKETING, L.P.  
DARR ANGELL 4  
LEA COUNTY, NEW MEXICO  
NMOCD REFERENCE NUMBER AP-007

All concentrations are reported in mg/L.

| SAMPLE LOCATION        | SAMPLE DATE | SW 846-8260b                           |         |               |                              |
|------------------------|-------------|--|---------|---------------|------------------------------|
|                        |             | BENZENE                                | TOLUENE | ETHYL-BENZENE | m, p - XYLENES<br>o - XYLENE |
| NMOCD Regulatory Limit |             | 0.01                                   | 0.75    | 0.75          | 0.62                         |
| MW - 1A                | 02/17/10    | Not Sampled on Current Sample Schedule |         |               |                              |
| MW - 1A                | 06/01/10    | Not Sampled on Current Sample Schedule |         |               |                              |
| MW - 1A                | 08/24/10    | Not Sampled on Current Sample Schedule |         |               |                              |
| MW - 1A                | 11/23/10    | <0.001                                 | <0.001  | <0.001        | <0.001                       |
| MW - 2                 | 02/17/10    | Not Sampled on Current Sample Schedule |         |               |                              |
| MW - 2                 | 06/01/10    | Not Sampled on Current Sample Schedule |         |               |                              |
| MW - 2                 | 08/24/10    | Not Sampled on Current Sample Schedule |         |               |                              |
| MW - 2                 | 11/23/10    | <0.001                                 | <0.001  | <0.001        | <0.001                       |
| MW - 3                 | 02/17/10    | <0.001                                 | <0.001  | <0.001        | <0.001                       |
| MW - 3                 | 06/01/10    | <0.001                                 | <0.001  | <0.001        | <0.001                       |
| MW - 3                 | 08/24/10    | <0.001                                 | <0.001  | <0.001        | <0.001                       |
| MW - 3                 | 11/23/10    | <0.001                                 | <0.001  | <0.001        | <0.001                       |
| MW - 4                 | 02/17/10    | Not Sampled on Current Sample Schedule |         |               |                              |
| MW - 4                 | 06/01/10    | Not Sampled on Current Sample Schedule |         |               |                              |
| MW - 4                 | 08/24/10    | Not Sampled on Current Sample Schedule |         |               |                              |
| MW - 4                 | 11/23/10    | <0.001                                 | <0.001  | <0.001        | <0.001                       |
| MW - 5                 | 02/17/10    | Not Sampled on Current Sample Schedule |         |               |                              |
| MW - 5                 | 06/01/10    | Not Sampled on Current Sample Schedule |         |               |                              |
| MW - 5                 | 08/24/10    | Not Sampled on Current Sample Schedule |         |               |                              |
| MW - 5                 | 11/23/10    | <0.001                                 | <0.001  | <0.001        | <0.001                       |
| MW - 6                 | 02/17/10    | <0.001                                 | <0.001  | <0.001        | <0.001                       |
| MW - 6                 | 06/01/10    | <0.001                                 | <0.001  | <0.001        | <0.001                       |
| MW - 6                 | 08/24/10    | <0.001                                 | <0.001  | <0.001        | <0.001                       |
| MW - 6                 | 11/23/10    | <0.001                                 | <0.001  | <0.001        | <0.001                       |
| MW - 7                 | 02/17/10    | Not Sampled on Current Sample Schedule |         |               |                              |
| MW - 7                 | 06/01/10    | Not Sampled on Current Sample Schedule |         |               |                              |
| MW - 7                 | 08/24/10    | Not Sampled on Current Sample Schedule |         |               |                              |
| MW - 7                 | 11/23/10    | <0.001                                 | <0.001  | <0.001        | <0.001                       |
| MW - 8                 | 02/17/10    | <0.001                                 | <0.001  | 0.0028        | <0.001                       |
| MW - 8                 | 06/01/10    | <0.001                                 | <0.001  | 0.0040        | <0.001                       |
| MW - 8                 | 08/24/10    | <0.001                                 | 0.0050  | 0.0065        | 0.0181                       |
| MW - 8                 | 11/23/10    | <0.001                                 | <0.001  | 0.0033        | 0.0075                       |
| MW - 9                 | 02/17/10    | Not Sampled on Current Sample Schedule |         |               |                              |
| MW - 9                 | 06/01/10    | <0.001                                 | <0.001  | <0.001        | <0.001                       |
| MW - 9                 | 08/24/10    | Not Sampled on Current Sample Schedule |         |               |                              |
| MW - 9                 | 11/23/10    | <0.001                                 | <0.001  | <0.001        | <0.001                       |

TABLE 2

## CONCENTRATIONS OF BTEX AND TPH IN GROUNDWATER

PLAINS MARKETING, L.P.  
DARR ANGELL 4  
LEA COUNTY, NEW MEXICO  
NMOCD REFERENCE NUMBER AP-007

All concentrations are reported in mg/L

| SAMPLE LOCATION        | SAMPLE DATE | SW 846-8260b                                  |         |               |                              |
|------------------------|-------------|---|---------|---------------|------------------------------|
|                        |             | BENZENE                                       | TOLUENE | ETHYL-BENZENE | m, p - XYLENES<br>o - XYLENE |
| NMOCD Regulatory Limit |             | 0.01  | 0.75    | 0.75          | 0.62                         |
| MW - 10                | 02/17/10    | <0.001  | <0.001  | <0.001        | <0.001                       |
| MW - 10                | 06/01/10    | <0.001  | <0.001  | <0.001        | <0.001                       |
| MW - 10                | 08/24/10    | <0.001  | <0.001  | <0.001        | <0.001                       |
| MW - 10                | 11/23/10    | <0.001  | <0.001  | <0.001        | <0.001                       |
| MW - 11                | 02/17/10    | Not Sampled on Current Sample Schedule        |         |               |                              |
| MW - 11                | 06/01/10    | Not Sampled on Current Sample Schedule        |         |               |                              |
| MW - 11                | 08/24/10    | Not Sampled on Current Sample Schedule        |         |               |                              |
| MW - 11                | 11/23/10    | <0.001  | <0.001  | <0.001        | <0.001                       |
| MW - 12                | 02/17/10    | Not Sampled on Current Sample Schedule        |         |               |                              |
| MW - 12                | 06/01/10    | Not Sampled on Current Sample Schedule        |         |               |                              |
| MW - 12                | 08/24/10    | Not Sampled on Current Sample Schedule        |         |               |                              |
| MW - 12                | 11/23/10    | 0.6580  | <0.005  | 0.0187        | <0.005                       |
| MW - 13                | 02/17/10    | Not Sampled on Current Sample Schedule        |         |               |                              |
| MW - 13                | 06/01/10    | Not Sampled on Current Sample Schedule        |         |               |                              |
| MW - 13                | 08/24/10    | Not Sampled on Current Sample Schedule        |         |               |                              |
| MW - 13                | 11/23/10    | Not Sampled Due to Insufficient Water in Well |         |               |                              |
| MW - 14                | 02/17/10    | <0.001  | <0.001  | <0.001        | <0.001                       |
| MW - 14                | 06/01/10    | <0.001  | <0.001  | <0.001        | <0.001                       |
| MW - 14                | 08/24/10    | <0.001  | <0.001  | <0.001        | <0.001                       |
| MW - 14                | 11/23/10    | <0.001  | <0.001  | <0.001        | <0.001                       |
| MW - 15                | 02/17/10    | 0.0042  | <0.001  | <0.001        | <0.001                       |
| MW - 15                | 06/01/10    | <0.001  | <0.001  | <0.001        | 0.0037                       |
| MW - 15                | 08/24/10    | <0.001  | <0.001  | <0.001        | <0.001                       |
| MW - 15                | 11/23/10    | <0.001  | <0.001  | <0.001        | <0.001                       |
| MW - 16                | 02/17/10    | <0.001  | <0.001  | <0.001        | <0.001                       |
| MW - 16                | 06/01/10    | <0.001  | <0.001  | <0.001        | <0.001                       |
| MW - 16                | 08/24/10    | <0.005  | <0.005  | <0.005        | <0.005                       |
| MW - 16                | 11/23/10    | <0.001  | <0.001  | <0.001        | <0.001                       |
| RW - 1                 | 02/17/10    | Not Sampled Due to PSH in Well                |         |               |                              |
| RW - 1                 | 06/01/10    | Not Sampled Due to PSH in Well                |         |               |                              |
| RW - 1                 | 08/24/10    | Not Sampled Due to PSH in Well                |         |               |                              |
| RW - 1                 | 11/23/10    | Not Sampled Due to PSH in Well                |         |               |                              |
| RW - 2                 | 02/17/10    | Not Sampled Due to PSH in Well                |         |               |                              |
| RW - 2                 | 06/01/10    | Not Sampled Due to PSH in Well                |         |               |                              |
| RW - 2                 | 08/24/10    | Not Sampled Due to PSH in Well                |         |               |                              |
| RW - 2                 | 11/23/10    | Not Sampled Due to PSH in Well                |         |               |                              |

TABLE 2

## CONCENTRATIONS OF BTEX AND TPH IN GROUNDWATER

PLAINS MARKETING, L.P.  
DARR ANGELL 4  
LEA COUNTY, NEW MEXICO  
NMOCD REFERENCE NUMBER AP-007

*All concentrations are reported in mg/L*

| SAMPLE LOCATION        | SAMPLE DATE | SW 846-8260b                   |         |               |                              |
|------------------------|-------------|--------------------------------|---------|---------------|------------------------------|
|                        |             | BENZENE                        | TOLUENE | ETHYL-BENZENE | m, p - XYLENES<br>o - XYLENE |
| NMOCD Regulatory Limit |             | 0.01                           | 0.75    | 0.75          | 0.62                         |
| RW - 3                 | 02/17/10    | Not Sampled Due to PSH in Well |         |               |                              |
| RW - 3                 | 06/01/10    | Not Sampled Due to PSH in Well |         |               |                              |
| RW - 3                 | 08/24/10    | Not Sampled Due to PSH in Well |         |               |                              |
| RW - 3                 | 11/23/10    | Not Sampled Due to PSH in Well |         |               |                              |
| RW - 4                 | 02/17/10    | Not Sampled Due to PSH in Well |         |               |                              |
| RW - 4                 | 06/01/10    | Not Sampled Due to PSH in Well |         |               |                              |
| RW - 4                 | 08/24/10    | Not Sampled Due to PSH in Well |         |               |                              |
| RW - 4                 | 11/23/10    | Not Sampled Due to PSH in Well |         |               |                              |
| RW - 5                 | 02/17/10    | 0.0172                         | <0.001  | 0.1260        | 0.3920                       |
| RW - 5                 | 06/01/10    | 0.0115                         | <0.001  | 0.0963        | 0.2690                       |
| RW - 5                 | 08/24/10    | 0.0053                         | 0.0021  | 0.0541        | 0.1510                       |
| RW - 5                 | 11/23/10    | 0.0077                         | 0.0041  | 0.0550        | 0.1630                       |
| RW - 6                 | 02/17/10    | 0.2850                         | 0.6050  | 0.5500        | 1.700                        |
| RW - 6                 | 06/01/10    | 0.2780                         | 0.4600  | 0.6750        | 2.170                        |
| RW - 6                 | 08/24/10    | 0.1470                         | 0.2460  | 0.4910        | 1.420                        |
| RW - 6                 | 11/23/10    | 0.2480                         | 0.4190  | 0.6680        | 1.700                        |
| RW - 7                 | 02/17/10    | Not Sampled Due to PSH in Well |         |               |                              |
| RW - 7                 | 06/01/10    | Not Sampled Due to PSH in Well |         |               |                              |
| RW - 7                 | 08/24/10    | Not Sampled Due to PSH in Well |         |               |                              |
| RW - 7                 | 11/23/10    | Not Sampled Due to PSH in Well |         |               |                              |
| RW - 8                 | 02/17/10    | Not Sampled Due to PSH in Well |         |               |                              |
| RW - 8                 | 06/01/10    | Not Sampled Due to PSH in Well |         |               |                              |
| RW - 8                 | 08/24/10    | Not Sampled Due to PSH in Well |         |               |                              |
| RW - 8                 | 11/23/10    | Not Sampled Due to PSH in Well |         |               |                              |
| RW - 9                 | 02/17/10    | Not Sampled Due to PSH in Well |         |               |                              |
| RW - 9                 | 06/01/10    | Not Sampled Due to PSH in Well |         |               |                              |
| RW - 9                 | 08/24/10    | Not Sampled Due to PSH in Well |         |               |                              |
| RW - 9                 | 11/23/10    | Not Sampled Due to PSH in Well |         |               |                              |
| RW - 10                | 02/17/10    | Not Sampled Due to PSH in Well |         |               |                              |
| RW - 10                | 06/01/10    | Not Sampled Due to PSH in Well |         |               |                              |
| RW - 10                | 08/24/10    | Not Sampled Due to PSH in Well |         |               |                              |
| RW - 10                | 11/23/10    | Not Sampled Due to PSH in Well |         |               |                              |
| RW - 11                | 02/17/10    | Not Sampled Due to PSH in Well |         |               |                              |
| RW - 11                | 06/01/10    | Not Sampled Due to PSH in Well |         |               |                              |
| RW - 11                | 08/24/10    | Not Sampled Due to PSH in Well |         |               |                              |
| RW - 11                | 11/23/10    | Not Sampled Due to PSH in Well |         |               |                              |

TABLE 2

CONCENTRATIONS OF BTEX AND TPH IN GROUNDWATER

PLAINS MARKETING, L.P.  
 DARR ANGELL 4  
 LEA COUNTY, NEW MEXICO  
 NMOCD REFERENCE NUMBER AP-007

*All concentrations are reported in mg/L*

| SAMPLE LOCATION        | SAMPLE DATE | SW 846-8260b                   |         |               |                |            |
|------------------------|-------------|--------------------------------|---------|---------------|----------------|------------|
|                        |             | BENZENE                        | TOLUENE | ETHYL-BENZENE | m, p - XYLENES | o - XYLENE |
| NMOCD Regulatory Limit |             | 0.01                           | 0.75    | 0.75          | 0.62           |            |
| RW - 12                | 02/17/10    | Not Sampled Due to PSH in Well |         |               |                |            |
| RW - 12                | 06/01/10    | Not Sampled Due to PSH in Well |         |               |                |            |
| RW - 12                | 08/24/10    | Not Sampled Due to PSH in Well |         |               |                |            |
| RW - 12                | 11/23/10    | Not Sampled Due to PSH in Well |         |               |                |            |
|                        |             |                                |         |               |                |            |
| RW - 13                | 02/17/10    | 0.930                          | 0.426   | 0.586         | 1.380          |            |
| RW - 13                | 06/01/10    | 1.150                          | 1.120   | 0.772         | 2.210          |            |
| RW - 13                | 08/24/10    | 0.537                          | <0.200  | 0.410         | 1.160          |            |
| RW - 13                | 11/23/10    | 2.060                          | 2.660   | 3.060         | 9.500          |            |

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

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

TABLE 3

PLAINS MARKETING, L.P.  
DARR ANGELL #4  
LEA COUNTY, NEW MEXICO  
NMOCD REFERENCE NUMBER AP-007

EPA SW846-8270C, 3510  
All water concentrations are reported in mg/L.

| 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 | Fluorene  | Indeno[1,2,3-cd]pyrene | Phenanthrene | Pyrene    | Naphthalene | 1-Methylnaphthalene | 2-Methylnaphthalene | Dibenzofuran |
|---|-------------|--|----------------|------------|-------------------|---------------|---------------------|---------------------|---------------------|-------------|-----------------------|--------------|-----------|------------------------|--------------|-----------|-------------|---------------------|---------------------|--------------|
| Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A. |             |  |                |            |                   |               |                     |                     |                     |             |                       |              |           |                        |              |           |             |                     |                     |              |
| MW-1A   | 12/03/08    | <0.000184  | <0.000184      | <0.000184  | <0.000184         | <0.000184     | <0.000184           | <0.000184           | <0.000184           | 0.0002 mg/L | 0.0003 mg/L           | -            | -         | 0.0004 mg/L            | -            | -         | -           | 0.03 mg/L           | -                   | -            |
|   | 12/01/09    | <0.000183  | <0.000183      | <0.000183  | <0.000183         | <0.000183     | <0.000183           | <0.000183           | <0.000183           | <0.000183   | <0.000183             | <0.000183    | <0.000183 | <0.000183              | <0.000183    | <0.000183 | <0.000183   | <0.000183           | <0.000183           | <0.000183    |
|   | 11/23/10    | Not Sampled as part of Quarterly Monitoring Event. |                |            |                   |               |                     |                     |                     |             |                       |              |           |                        |              |           |             |                     |                     |              |
| MW-2  | 12/03/08    | <0.000183  | <0.000183      | <0.000183  | <0.000183         | <0.000183     | <0.000183           | <0.000183           | <0.000183           | <0.000183   | <0.000183             | <0.000183    | <0.000183 | <0.000183              | <0.000183    | <0.000183 | <0.000183   | <0.000183           | <0.000183           | <0.000183    |
|   | 12/01/09    | <0.000183  | <0.000183      | <0.000183  | <0.000183         | <0.000183     | <0.000183           | <0.000183           | <0.000183           | <0.000183   | <0.000183             | <0.000183    | <0.000183 | <0.000183              | <0.000183    | <0.000183 | <0.000183   | <0.000183           | <0.000183           | <0.000183    |
|   | 11/23/10    | Not Sampled as part of Quarterly Monitoring Event. |                |            |                   |               |                     |                     |                     |             |                       |              |           |                        |              |           |             |                     |                     |              |
| MW-3  | 12/03/08    | <0.000183  | <0.000183      | <0.000183  | <0.000183         | <0.000183     | <0.000183           | <0.000183           | <0.000183           | <0.000183   | <0.000183             | <0.000183    | <0.000183 | <0.000183              | <0.000183    | <0.000183 | <0.000183   | <0.000183           | <0.000183           | <0.000183    |
|   | 12/01/09    | <0.000184  | <0.000184      | <0.000184  | <0.000184         | <0.000184     | <0.000184           | <0.000184           | <0.000184           | <0.000184   | <0.000184             | <0.000184    | <0.000184 | <0.000184              | <0.000184    | <0.000184 | <0.000184   | <0.000184           | <0.000184           | <0.000184    |
|   | 11/23/10    | Not Sampled as part of Quarterly Monitoring Event. |                |            |                   |               |                     |                     |                     |             |                       |              |           |                        |              |           |             |                     |                     |              |
| MW-4  | 12/03/08    | <0.000183  | <0.000183      | <0.000183  | <0.000183         | <0.000183     | <0.000183           | <0.000183           | <0.000183           | <0.000183   | <0.000183             | <0.000183    | <0.000183 | <0.000183              | <0.000183    | <0.000183 | <0.000183   | <0.000183           | <0.000183           | <0.000183    |
|   | 12/01/09    | <0.000183  | <0.000183      | <0.000183  | <0.000183         | <0.000183     | <0.000183           | <0.000183           | <0.000183           | <0.000183   | <0.000183             | <0.000183    | <0.000183 | <0.000183              | <0.000183    | <0.000183 | <0.000183   | <0.000183           | <0.000183           | <0.000183    |
|   | 11/23/10    | Not Sampled as part of Quarterly Monitoring Event. |                |            |                   |               |                     |                     |                     |             |                       |              |           |                        |              |           |             |                     |                     |              |
| MW-5  | 12/03/08    | <0.000183  | <0.000183      | <0.000183  | <0.000183         | <0.000183     | <0.000183           | <0.000183           | <0.000183           | <0.000183   | <0.000183             | <0.000183    | <0.000183 | <0.000183              | <0.000183    | <0.000183 | <0.000183   | <0.000183           | <0.000183           | <0.000183    |
|   | 12/01/09    | <0.000183  | <0.000183      | <0.000183  | <0.000183         | <0.000183     | <0.000183           | <0.000183           | <0.000183           | <0.000183   | <0.000183             | <0.000183    | <0.000183 | <0.000183              | <0.000183    | <0.000183 | <0.000183   | <0.000183           | <0.000183           | <0.000183    |
|   | 11/23/10    | Not Sampled as part of Quarterly Monitoring Event. |                |            |                   |               |                     |                     |                     |             |                       |              |           |                        |              |           |             |                     |                     |              |
| MW-6  | 12/03/08    | <0.000183  | <0.000183      | <0.000183  | <0.000183         | <0.000183     | <0.000183           | <0.000183           | <0.000183           | <0.000183   | <0.000183             | <0.000183    | <0.000183 | <0.000183              | <0.000183    | <0.000183 | <0.000183   | <0.000183           | <0.000183           | <0.000183    |
|   | 12/01/09    | <0.000184  | <0.000184      | <0.000184  | <0.000184         | <0.000184     | <0.000184           | <0.000184           | <0.000184           | <0.000184   | <0.000184             | <0.000184    | <0.000184 | <0.000184              | <0.000184    | <0.000184 | <0.000184   | <0.000184           | <0.000184           | <0.000184    |
|   | 11/23/10    | Not Sampled as part of Quarterly Monitoring Event. |                |            |                   |               |                     |                     |                     |             |                       |              |           |                        |              |           |             |                     |                     |              |
| MW-7  | 12/03/08    | <0.000184  | <0.000184      | <0.000184  | <0.000184         | <0.000184     | <0.000184           | <0.000184           | <0.000184           | <0.000184   | <0.000184             | <0.000184    | <0.000184 | <0.000184              | <0.000184    | <0.000184 | <0.000184   | <0.000184           | <0.000184           | <0.000184    |
|   | 12/01/09    | <0.000183  | <0.000183      | <0.000183  | <0.000183         | <0.000183     | <0.000183           | <0.000183           | <0.000183           | <0.000183   | <0.000183             | <0.000183    | <0.000183 | <0.000183              | <0.000183    | <0.000183 | <0.000183   | <0.000183           | <0.000183           | <0.000183    |
|   | 11/23/10    | Not Sampled as part of Quarterly Monitoring Event. |                |            |                   |               |                     |                     |                     |             |                       |              |           |                        |              |           |             |                     |                     |              |



POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

TABLE 3

PLAINS MARKETING, L.P.  
DARR ANGELL #4  
LEA COUNTY, NEW MEXICO  
NMOCD REFERENCE NUMBER AP-007

| SAMPLE LOCATION   | SAMPLE DATE | EPA SW846-8270C, 3510               |  |            |                   |               |                     |                     |                     |           |                       |              |           |                        |              |           |             |                     |                     |              |           |
|---|-------------|-------------------------------------|--|------------|-------------------|---------------|---------------------|---------------------|---------------------|-----------|-----------------------|--------------|-----------|------------------------|--------------|-----------|-------------|---------------------|---------------------|--------------|-----------|
|   |             | 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 | Fluorene  | Indeno[1,2,3-cd]pyrene | Phenanthrene | Pyrene    | Naphthalene | 1-Methylnaphthalene | 2-Methylnaphthalene | Dibenzofuran |           |
| Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A. |             |                                     |  |            |                   |               |                     |                     |                     |           |                       |              |           |                        |              |           |             |                     |                     |              |           |
|   | MW-15       | 12/03/08                            | <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    |           |
|   |             | 12/02/09                            | <0.000184  | <0.000184  | <0.000184         | <0.000184     | <0.000184           | <0.000184           | <0.000184           | <0.000184 | <0.000184             | <0.000184    | <0.000184 | <0.000184              | <0.000184    | <0.000184 | <0.000184   | <0.000184           | <0.000184           | <0.000184    |           |
|   |             | 11/23/10                            | Not Sampled as part of Quarterly Monitoring Event. |            |                   |               |                     |                     |                     |           |                       |              |           |                        |              |           |             |                     |                     |              |           |
| MW-16   | 12/03/08    | <0.000183                           | <0.000183  | <0.000183  | <0.000183         | <0.000183     | <0.000183           | <0.000183           | <0.000183           | <0.000183 | <0.000183             | <0.000183    | <0.000183 | <0.000183              | <0.000183    | <0.000183 | <0.000183   | <0.000183           | <0.000183           | <0.000183    |           |
|   | 12/01/09    | <0.000183                           | <0.000183  | <0.000183  | <0.000183         | <0.000183     | <0.000183           | <0.000183           | <0.000183           | <0.000183 | <0.000183             | <0.000183    | <0.000183 | <0.000183              | <0.000183    | <0.000183 | <0.000183   | <0.000183           | <0.000183           | <0.000183    |           |
|   |             | 11/23/10                            | Not Sampled as part of Quarterly Monitoring Event. |            |                   |               |                     |                     |                     |           |                       |              |           |                        |              |           |             |                     |                     |              |           |
|   |             | 12/03/08                            | <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    |           |
| RW-1  | 12/02/09    | Insufficient Water Volume to Sample |  |            |                   |               |                     |                     |                     |           |                       |              |           |                        |              |           |             |                     |                     |              |           |
|   |             | 12/02/09                            | Insufficient Water Volume to Sample                |            |                   |               |                     |                     |                     |           |                       |              |           |                        |              |           |             |                     |                     |              |           |
|   |             | 11/23/10                            | Not Sampled as part of Quarterly Monitoring Event. |            |                   |               |                     |                     |                     |           |                       |              |           |                        |              |           |             |                     |                     |              |           |
|   |             | 12/03/08                            | <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    |           |
| RW-2  | 12/02/09    | <0.000461                           | <0.000461  | <0.000461  | <0.000461         | <0.000461     | <0.000461           | <0.000461           | <0.000461           | <0.000461 | <0.000461             | <0.000461    | <0.000461 | <0.000461              | <0.000461    | <0.000461 | <0.000461   | <0.000461           | <0.000461           | <0.000461    |           |
|   |             | 11/23/10                            | Not Sampled as part of Quarterly Monitoring Event. |            |                   |               |                     |                     |                     |           |                       |              |           |                        |              |           |             |                     |                     |              |           |
|   |             | 12/03/08                            | Insufficient Water Volume to Sample                |            |                   |               |                     |                     |                     |           |                       |              |           |                        |              |           |             |                     |                     |              |           |
|   |             | 12/02/09                            | Insufficient Water Volume to Sample                |            |                   |               |                     |                     |                     |           |                       |              |           |                        |              |           |             |                     |                     |              |           |
| RW-3  | 12/02/09    | Insufficient Water Volume to Sample |  |            |                   |               |                     |                     |                     |           |                       |              |           |                        |              |           |             |                     |                     |              |           |
|   |             | 11/23/10                            | Not Sampled as part of Quarterly Monitoring Event. |            |                   |               |                     |                     |                     |           |                       |              |           |                        |              |           |             |                     |                     |              |           |
|   |             | 12/03/08                            | Insufficient Water Volume to Sample                |            |                   |               |                     |                     |                     |           |                       |              |           |                        |              |           |             |                     |                     |              |           |
|   |             | 12/02/09                            | Insufficient Water Volume to Sample                |            |                   |               |                     |                     |                     |           |                       |              |           |                        |              |           |             |                     |                     |              |           |
| RW-4  | 12/03/08    | Insufficient Water Volume to Sample |  |            |                   |               |                     |                     |                     |           |                       |              |           |                        |              |           |             |                     |                     |              |           |
|   |             | 12/02/09                            | Insufficient Water Volume to Sample                |            |                   |               |                     |                     |                     |           |                       |              |           |                        |              |           |             |                     |                     |              |           |
|   |             | 11/23/10                            | Not Sampled as part of Quarterly Monitoring Event. |            |                   |               |                     |                     |                     |           |                       |              |           |                        |              |           |             |                     |                     |              |           |
|   |             | 12/03/08                            | Insufficient Water Volume to Sample                |            |                   |               |                     |                     |                     |           |                       |              |           |                        |              |           |             |                     |                     |              |           |
| RW-5  | 12/03/08    | <0.000183                           | <0.000183  | <0.000183  | <0.000183         | <0.000183     | <0.000183           | <0.000183           | <0.000183           | <0.000183 | <0.000183             | <0.000183    | <0.000183 | <0.000183              | <0.000183    | <0.000183 | <0.000183   | <0.000183           | <0.000183           | <0.000183    |           |
|   | 12/02/09    | <0.000187                           | <0.000187  | <0.000187  | <0.000187         | <0.000187     | <0.000187           | <0.000187           | <0.000187           | <0.000187 | <0.000187             | <0.000187    | <0.000187 | <0.000187              | <0.000187    | <0.000187 | <0.000187   | <0.000187           | <0.000187           | <0.000187    |           |
|   |             | 11/23/10                            | Not Sampled as part of Quarterly Monitoring Event. |            |                   |               |                     |                     |                     |           |                       |              |           |                        |              |           |             |                     |                     |              |           |
|   |             | 12/03/08                            | Insufficient Water Volume to Sample                |            |                   |               |                     |                     |                     |           |                       |              |           |                        |              |           |             |                     |                     |              |           |
| RW-6  | 12/02/09    | <0.000183                           | <0.000183  | <0.000183  | <0.000183         | <0.000183     | <0.000183           | <0.000183           | <0.000183           | <0.000183 | <0.000183             | <0.000183    | <0.000183 | <0.000183              | <0.000183    | <0.000183 | <0.000183   | <0.000183           | <0.000183           | <0.000183    |           |
|   | 11/23/10    | <0.000183                           | <0.000183  | <0.000183  | <0.000183         | <0.000183     | <0.000183           | <0.000183           | <0.000183           | <0.000183 | <0.000183             | <0.000183    | <0.000183 | <0.000183              | <0.000183    | <0.000183 | <0.000183   | <0.000183           | <0.000183           | <0.000183    |           |
|   |             | 12/03/08                            | Insufficient Water Volume to Sample                |            |                   |               |                     |                     |                     |           |                       |              |           |                        |              |           |             |                     |                     |              |           |
|   |             | 12/02/09                            | <0.000183  | <0.000183  | <0.000183         | <0.000183     | <0.000183           | <0.000183           | <0.000183           | <0.000183 | <0.000183             | <0.000183    | <0.000183 | <0.000183              | <0.000183    | <0.000183 | <0.000183   | <0.000183           | <0.000183           | <0.000183    | <0.000183 |

TABLE 3

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.  
DARR ANGELL #4  
LEA COUNTY, NEW MEXICO  
NMOC REFERENCE NUMBER AP-007

EPA SW846-8270C, 3510

All water concentrations are reported in mg/L

| 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 | Fluorene  | Indeno[1,2,3-cd]pyrene | Phenanthrene | Pyrene    | Naphthalene | 1-Methylnaphthalene | 2-Methylnaphthalene | Dibenzofuran |  |
|---|-------------|--|----------------|------------|-------------------|---------------|---------------------|---------------------|---------------------|-------------|-----------------------|--------------|-----------|------------------------|--------------|-----------|-------------|---------------------|---------------------|--------------|--|
| Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A. |             |  |                |            | 0.0001 mg/L       | 0.0007 mg/L   | 0.0002 mg/L         | 0.0002 mg/L         | 0.0002 mg/L         | 0.0002 mg/L | 0.0003 mg/L           | 0.000184     | 0.0179    | 0.0004 mg/L            | 0.0232       | 0.000184  | 0.0942      | 0.172               | 0.158               | 0.0118       |  |
| RW-7  | 12/03/08    | <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              | 0.0232       | <0.000184 | 0.0942      | 0.172               | 0.158               | 0.0118       |  |
|   | 12/02/09    | <0.000183  | <0.000183      | <0.000183  | <0.000183         | <0.000183     | <0.000183           | <0.000183           | <0.000183           | <0.000183   | <0.000183             | 0.0400       | <0.000183 | <0.000183              | 0.0570       | <0.000183 | 0.172       | 0.408               | 0.506               | 0.0240       |  |
|   | 11/23/10    | Not Sampled as part of Quarterly Monitoring Event. |                |            |                   |               |                     |                     |                     |             |                       |              |           |                        |              |           |             |                     |                     |              |  |
| RW-8  | 12/03/08    | <0.000183  | <0.000183      | <0.000183  | <0.000183         | <0.000183     | <0.000183           | <0.000183           | <0.000183           | <0.000183   | <0.000183             | <0.000183    | 0.0128    | <0.000183              | 0.0164       | <0.000183 | 0.0496      | 0.115               | 0.106               | 0.00891      |  |
|   | 12/02/09    | <0.000183  | <0.000183      | <0.000183  | <0.000183         | <0.000183     | <0.000183           | <0.000183           | <0.000183           | <0.000183   | <0.000183             | <0.000183    | 0.0106    | <0.000183              | 0.0145       | <0.000183 | 0.0534      | 0.102               | 0.128               | 0.00772      |  |
|   | 11/23/10    | Not Sampled as part of Quarterly Monitoring Event. |                |            |                   |               |                     |                     |                     |             |                       |              |           |                        |              |           |             |                     |                     |              |  |
| RW-9  | 12/03/08    | <0.000184  | <0.000184      | <0.000184  | <0.000184         | <0.000184     | <0.000184           | <0.000184           | <0.000184           | <0.000184   | <0.000184             | <0.000184    | 0.00907   | <0.000184              | 0.0112       | <0.000184 | 0.0574      | 0.0859              | 0.0791              | 0.00642      |  |
|   | 12/02/09    | <0.000917  | <0.000917      | <0.000917  | <0.000917         | <0.000917     | <0.000917           | <0.000917           | <0.000917           | <0.000917   | <0.000917             | 0.0488       | <0.000917 | <0.000917              | 0.0679       | <0.000917 | 0.215       | 0.473               | 0.625               | 0.0320       |  |
|   | 11/23/10    | Not Sampled as part of Quarterly Monitoring Event. |                |            |                   |               |                     |                     |                     |             |                       |              |           |                        |              |           |             |                     |                     |              |  |
| RW-10   | 12/03/08    | <0.000183  | <0.000183      | <0.000183  | <0.000183         | <0.000183     | <0.000183           | <0.000183           | <0.000183           | <0.000183   | <0.000183             | <0.000183    | 0.0265    | <0.000183              | 0.0346       | <0.000183 | 0.121       | 0.279               | 0.257               | 0.0193       |  |
|   | 12/02/09    | Insufficient Water Volume to Sample                |                |            |                   |               |                     |                     |                     |             |                       |              |           |                        |              |           |             |                     |                     |              |  |
|   | 11/23/10    | Not Sampled as part of Quarterly Monitoring Event. |                |            |                   |               |                     |                     |                     |             |                       |              |           |                        |              |           |             |                     |                     |              |  |
| RW-11   | 12/03/08    | <0.000184  | <0.000184      | <0.000184  | <0.000184         | <0.000184     | <0.000184           | <0.000184           | <0.000184           | <0.000184   | <0.000184             | <0.000184    | 0.0076    | <0.000184              | 0.0093       | <0.000184 | 0.053       | 0.066               | 0.0609              | 0.00494      |  |
|   | 12/02/09    | Insufficient Water Volume to Sample                |                |            |                   |               |                     |                     |                     |             |                       |              |           |                        |              |           |             |                     |                     |              |  |
|   | 11/23/10    | Not Sampled as part of Quarterly Monitoring Event. |                |            |                   |               |                     |                     |                     |             |                       |              |           |                        |              |           |             |                     |                     |              |  |
| RW-12   | 12/03/08    | <0.000183  | <0.000183      | <0.000183  | <0.000183         | <0.000183     | <0.000183           | <0.000183           | <0.000183           | <0.000183   | <0.000183             | <0.000183    | 0.0193    | <0.000183              | 0.0242       | <0.000183 | 0.11        | 0.198               | 0.182               | 0.0143       |  |
|   | 12/02/09    | <0.000184  | <0.000184      | <0.000184  | <0.000184         | <0.000184     | <0.000184           | <0.000184           | <0.000184           | <0.000184   | <0.000184             | <0.000184    | 0.0127    | <0.000184              | 0.0182       | <0.000184 | 0.049       | 0.112               | 0.141               | 0.0081       |  |
|   | 11/23/10    | Not Sampled as part of Quarterly Monitoring Event. |                |            |                   |               |                     |                     |                     |             |                       |              |           |                        |              |           |             |                     |                     |              |  |
| RW-13   | 12/03/08    | <0.000184  | <0.000184      | <0.000184  | <0.000184         | <0.000184     | <0.000184           | <0.000184           | <0.000184           | <0.000184   | <0.000184             | <0.000184    | 0.0187    | <0.000184              | 0.0234       | <0.000184 | 0.0608      | 0.139               | 0.128               | 0.0131       |  |
|   | 12/02/09    | <0.000183  | <0.000183      | <0.000183  | <0.000183         | <0.000183     | <0.000183           | <0.000183           | <0.000183           | <0.000183   | <0.000183             | 0.0013       | <0.000183 | <0.000183              | 0.00156      | <0.000183 | 0.00094     | 0.00489             | 0.00337             | 0.000891     |  |
|   | 11/23/10    | Not Sampled as part of Quarterly Monitoring Event. |                |            |                   |               |                     |                     |                     |             |                       |              |           |                        |              |           |             |                     |                     |              |  |

# Appendices

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

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

State of New Mexico  
Energy Minerals and Natural Resources  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-141  
Revised October 10, 2003  
Submit 2 Copies to appropriate  
District Office in accordance  
with Rule 116 on back  
side of form

**Release Notification and Corrective Action**

**OPERATOR** x Initial Report  Final Report

|                 |                                    |                |                  |
|-----------------|------------------------------------|----------------|------------------|
| Name of Company | Plains Pipeline, LP                | Contact:       | Camille Reynolds |
| Address:        | 3705 E. Hwy 158, Midland, TX 79706 | Telephone No.  | 505-441-0965     |
| Facility Name   | Darr Angell # 4                    | Facility Type: | Steel Pipeline   |
| Surface Owner:  | Darr Angell                        | Mineral Owner  | Lease No.        |

**LOCATION OF RELEASE**

| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|--------|
| B           | 11      | 15S      | 37E   |               |                  |               |                | Lea    |

Latitude 33 degrees 02' 17.4 N Longitude 103 degrees 10' 04.4" W

**NATURE OF RELEASE**

|  |   |   |                   |                            |                     |
|--|---|---|-------------------|----------------------------|---------------------|
| Type of Release:   | Crude Oil   | Volume of Release:                        | 150 bbls          | Volume Recovered           | 95 bbls             |
| Source of Release:   | Steel Pipeline  | Date and Hour of Occurrence               | 02/02/2001        | Date and Hour of Discovery | 02/02/2001 05:15 AM |
| Was Immediate Notice Given?  | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required <input type="checkbox"/> | If YES, To Whom?<br>Sylvia Dickey - NMOCD |                   |                            |                     |
| By Whom?   | Wayne Brunette  | Date and Hour                             | 02/02/01 05:20 AM |                            |                     |
| 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.* Internal corrosion of the pipeline.  |   |   |                   |                            |                     |
| Describe Area Affected and Cleanup Action Taken.* The impacted soil was excavated and stockpiled on plastic. The aerial extent of surface impact was approximately 80' x 150'.<br><b>NOTE: This information was obtained from historical EOTT files, Plains acquired EOTT/Link on April 1, 2004 and Plains assumes this information to be correct.</b>   |   |   |                   |                            |                     |
| 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                 | Approval Date:                    | Expiration Date: |
| Title:          | Remediation Coordinator          | Conditions of Approval:           |                  |
| E-mail Address: | cjreynolds@paalp.com             | Attached <input type="checkbox"/> |                  |
| Date:           | 3/21/2005                        | Phone:                            | (505)441-0965    |

\* Attach Additional Sheets If Necessary