AP - 7

Darr Angell #2

ANNUAL MONITORING REPORT

YEAR(S): 2009

2009
ANNUAL MONITORING REPORT

RECEIVED
MAR 25 2010
Environmental Bureau
Oil Conservation Division

DARR ANGELL 2

SW ¼, SE ¼ SECTION 11, TOWNSHIP 15 SOUTH, RANGE 37 EAST
NW ¼, NE ¼ SECTION 14, TOWNSHIP 15 SOUTH, RANGE 37 EAST
LEA COUNTY, NEW MEXICO
PLAINS SRS NUMBER: LF-1999-62
NMOCD Reference AP-007

PREPARED FOR:

PLAINS MARKETING, L.P.
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PREPARED BY:

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March 2010

Ronald K. Rounsaville
Senior Project Manager

Brittan K. Byerly, P.G.
President

PLAINS
ALL AMERICAN

March 22, 2010

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MAR 25 2010

Environmental Bureau
Oil Conservation Division

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

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

Dear Mr. Hansen:

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

34 Junc. to Lea Sta.	1R-0386	Section 21, Township 20 South, Range 37 East, Lea County
34 Junction South	1R-0456	Section 02, Township 17 South, Range 36 East, Lea County
Bob Durham	AP-0016	Section 32, Township 19 South, Range 37 East, Lea County
Darr Angell #1	AP-007	Section 11, Township 15 South, Range 37 East, Lea County
Darr Angell #2	AP-007	Section 11, Township 15 South, Range 37 East, Lea County
		Section 14, Township 15 South, Range 37 East, Lea County
Darr Angell #4	AP-007	Section 11, Township 15 South, Range 37 East, Lea County
		Section 02, Township 15 South, Range 37 East, Lea County
Denton Station	1R-0234	Section 14, Township 15 South, Range 37 East, Lea County
HDO-90-23	AP-009	Section 06, Township 20 South, Range 37 East, Lea County
SPS-11	GW-0140	Section 18, Township 18 South, Range 36 East, Lea County
TNM 97-04	GW-0294	Section 11, Township 16 South, Range 35 East, Lea County
TNM 97-17	AP-017	Section 21, Township 20 South, Range 37 East, Lea County
TNM 97-18	AP-0013	Section 28, Township 20 South, Range 37 East, Lea County

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

PLAINS
ALL AMERICAN

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

Sincerely,

Jason Henry
Remediation Coordinator
Plains All American

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MAR 25 2010
Environmental Bureau
Oil Conservation Division

CC: Larry Johnson, NMOCD, Hobbs, NM

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ENCLOSED ON DATA DISK

INTRODUCTION

On behalf of Plains Marketing, L.P., (Plains), NOVA Safety and Environmental (NOVA) is pleased to submit this Annual Monitoring Report in compliance with the New Mexico Oil Conservation Division (NMOCD) letter of May 1998, requiring submittal of an Annual Monitoring Report by April 1 of each year. Beginning on May 29, 2004, project management responsibilities for the Darr Angell #2 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 2009 only. However, historic data tables as well as 2009 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 2009 to assess the levels and extent of dissolved phase constituents and Phase Separated Hydrocarbon (PSH). Each groundwater monitoring event consisted of measuring static water levels in monitor wells, checking for the presence of PSH on the water column and purging and sampling of each well exhibiting sufficient recharge. Monitor wells containing a thickness of PSH greater than 0.01 foot were sampled as per a NMOCD directive.

SITE DESCRIPTION AND BACKGROUND INFORMATION

The site is located approximately 12.5 miles east of the town of Lovington, New Mexico near State Highway 82 in the SW ¼ of the SE ¼ Section 11, Township 15 South, Range 37 East and the NW ¼ of the NE ¼ Section 14, Township 15 South, Range 37 East. The site coordinates are latitude 33° 01' 47.0" North, longitude 103° 10' 10.7" West. According to Form C-141, the release was discovered by EOTT employees on July 29, 1999. The release was attributed to structural failure due to external corrosion on the 8-inch steel pipeline and resulted in the loss of approximately 60 barrels of crude oil with no recovery. The release was reported to the New Mexico Oil Conservation Division (NMOCD) on July 29, 1999. A copy of the Release Notification and Corrective Action (Form C-141) is provided in Appendix A.

Initial site characterization activities began in August 1999 and consisted of the advancement of forty soil borings within and around the area of surface staining. In April and May 2000, a previous contractor excavated the areas identified by the soil boring investigation as impacted to a depth of approximately 4.5 feet below ground surface (bgs). Impacted soil was stockpiled on-site. Excavation activities resumed in April and May 2001, with the removal of approximately 3,000 cubic yards (cy) of impacted soil. This material was added to soil previously stockpiled on-site. On various dates between April 2000 and December 2002, monitor wells MW-1 through MW-10 and recovery wells RW-1 through RW-7 were installed.

Partial backfilling of the open excavation occurred subsequent to NMOCD approval of a backfill request submitted on March 11, 2002. Backfill material consisted of previously excavated caliche which had been separated from other excavated material by mechanical screening. In October 2003, approximately 3,100 cy of excavated soil was placed into a treatment area two to

three feet in depth. Quarterly mechanical tilling of this stockpile occurred throughout 2004. Analytical results, detailed in the Site Restoration Work Plan and Proposed Soil Closure Strategy dated January 2006, indicate total petroleum hydrocarbon (TPH) concentrations within the soil treatment cell were below NMOCD regulatory standards.

In a letter from the NMOCD dated April 5, 2006, Plains received NMOCD approval to backfill the excavation at the Darr Angell #2 release site. In June 2006, the excavation was backfilled with remediated soil contained in the soil treatment soil and contoured to grade. A *Soil Closure Request* was submitted to the NMOCD and on February 19, 2009, Plains received an email approving the soil closure request.

Currently, there are ten monitor wells (MW-1 through MW-4 and MW-6 through MW-11) and seven recovery wells (RW-1 through RW-7) on-site. Monitor well MW-5 was plugged and abandoned with NMOCD approval on September 14, 2005. An automated product recovery system operated on-site throughout the reporting period. Manual product recovery was performed on those wells with PSH not included in the recovery system.

FIELD ACTIVITIES

Product Recovery Efforts

A measurable thickness of PSH was present in eight monitor or recovery wells (MW-2 and RW-1 through RW-7) during each quarter of the reporting period. Recovery wells RW-2 and RW-4 use total fluid pumps for PSH recovery and recovery well RW-3 is utilizing a total fluid skimmer pump for PSH recovery. The average thickness of PSH in monitor wells and recovery wells for wells exhibiting PSH is 6.76 feet. The maximum thickness of PSH in monitor and recovery wells was 7.77 feet as recorded in recovery well RW-6 on January 8, 2009. PSH data for the 2009 gauging events can be found in Table 1. Approximately 884 gallons (21.1 barrels) of PSH were recovered from the site during this reporting period. Approximately 17,077 gallons (406.6 barrels) of PSH have been recovered from the site utilizing manual and automated methods since project inception. Recovered PSH was reintroduced into the Plains system at the 34 Junction South Station, near Lovington, New Mexico.

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 20, 2005.

NMOCD APPROVED SAMPLING SCHEDULE

Location	Schedule	Location	Schedule	Location	Schedule
MW-1	Annually	MW-7	Annually	RW-2	Quarterly
MW-2	Quarterly	MW-8	Annually	RW-3	Quarterly
MW-3	Semi-Annually	MW-9	Annually	RW-4	Quarterly
MW-4	Semi-Annually	MW-10	Annually	RW-5	Quarterly
MW-5	Plugged / Abandoned	MW-11	Quarterly	RW-6	Quarterly
MW-6	Annually	RW-1	Quarterly	RW-7	Quarterly

The site monitor wells were gauged and sampled on February 20, May 29, August 21, and November 30, 2009. During each sampling event the monitor wells were purged of a minimum of three well volumes of water or until the wells were dry using a PVC bailer or electrical Grundfos Pump. Groundwater was allowed to recharge and samples were collected using disposable Teflon samplers. Water samples were placed in clean glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of at a licensed disposal facility.

Locations of the monitor wells and the inferred groundwater gradient, which were constructed from measurements collected during each quarterly monitoring event, are depicted on Figures 2A through 2D, the Inferred Groundwater Gradient Maps. Groundwater elevation data for 2009 is provided as Table 1. Historic groundwater elevation data beginning at project inception is provided on the enclosed data disk.

The most recent Inferred Groundwater Gradient map, Figure 2D, indicates a general gradient of approximately 0.003 feet/foot to the southeast as measured between monitor wells MW-1 and MW-2. This is consistent with data presented on Figures 2A through 2C from the earlier quarters. The corrected groundwater elevations ranged between 3725.34 and 3726.79 feet above mean sea level, reported in monitor wells MW-4 on November 30 and MW-1 February 20, 2009, respectively.

LABORATORY RESULTS

Monitor well MW-2 and recovery wells RW-1 through RW-7 contained measurable PSH throughout the reporting period and were not sampled during the first three quarters of 2009. Plains, at the request of the NMOCD, collected groundwater samples below PSH levels in all monitor wells containing PSH during the 4th quarter sampling event, with the exception of recovery well RW-7 which was not sampled during the 4th quarter due to insufficient water volume in the well.

Groundwater samples obtained during the quarterly sampling events of 2009 were delivered to TraceAnalysis, Inc. in Midland, Texas for determination of Benzene, Toluene, Ethylbenzene and Xylene (BTEX) constituent concentrations by EPA Method 8021B, and Polynuclear Aromatic Hydrocarbons (PAH) concentrations by EPA Method 8270C. Monitoring wells containing measurable amounts of PSH were analyzed for Total Petroleum Hydrocarbons (TPH) concentrations by EPA Method 8015M. A listing of BTEX and TPH constituent concentrations for 2009 are summarized in Table 2 and the PAH constituent concentrations for 2009 are summarized in Table 3. Copies of the laboratory reports generated for 2009 are provided on the enclosed data disk. The quarterly groundwater sample results for BTEX constituent concentrations are depicted on Figures 3A through 3D.

Monitor well MW-1 is sampled on an annual schedule and analytical results indicate benzene, toluene, ethylbenzene and xylene concentrations were below laboratory method detection limits (MDL) and NMOCD regulatory standards of 0.01mg/L for benzene, 0.75 mg/L for toluene, 0.75 mg/L for ethylbenzene and 0.62 mg/L for xylene, during the 4th 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 during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-2 is monitored on a quarterly schedule. Monitor well MW-2 was not sampled during the 1st, 2nd and 3rd quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 2.87 feet, 5.16 feet and 5.24 feet were reported during the 1st, 2nd and 3rd quarters of 2009, respectively. Benzene concentrations were above the NMOCD regulatory standard during the 4th quarter of the reporting period with a concentration of 3.67 mg/L. Toluene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 3.63 mg/L. Ethyl-benzene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 0.705 mg/L. Xylene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 2.88 mg/L. Analytical results indicated a total TPH result of 477.70 mg/L. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for naphthalene (2.89 mg/L), 1-methylnaphthalene (7.25 mg/L) and 2-methylnaphthalene (9.78 mg/L). Additional PAH constituents detected above MDLs include fluorene (0.755 mg/L), phenanthrene (1.04 mg/L) and dibenzofuran (0.524 mg/L), which are below WQCC standards.

Monitor well MW-3 is sampled on a semi-annual (Plains voluntarily samples monitor well MW-3 quarterly due to benzene concentrations in excess of NMOCD standards) schedule and analytical results indicate benzene concentrations ranged from 0.0171 mg/L during the 4th quarter to 0.2900 mg/L during the 1st quarter of the reporting period. Benzene concentrations were above the NMOCD regulatory standard during all four quarterly sampling events. Toluene concentrations ranged from <0.001 mg/L during the 4th quarter to 0.0082 mg/L during the 3rd quarter of the reporting period. Toluene concentrations were below NMOCD regulatory standard during the all four quarterly sampling events. Ethyl-benzene concentrations ranged from <0.005 mg/L during the 1st and 2nd quarters to 0.0121 mg/L during the 3rd quarter. Ethyl-benzene concentrations were below NMOCD regulatory standard during all four quarters of the reporting period. Xylene concentrations ranged from <0.005 mg/L during the 2nd quarter to 0.0197 mg/L during the 3rd quarter of the reporting period. Xylene concentrations were below NMOCD regulatory standards during all four quarters of 2009. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for 1-methylnaphthalene (0.0306 mg/L). Additional PAH constituents detected above MDLs include naphthalene (0.0238 mg/L), fluorene (0.00155 mg/L), phenanthrene (0.00134 mg/L) and dibenzofuran (0.00145 mg/L), which are below WQCC standards.

Monitor well MW-4 is sampled on a semi-annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the 2nd and 4th quarter sampling events. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last thirty-eight consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-6 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-nine consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-7 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-nine consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-8 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-nine consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-9 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-nine consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-10 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-six consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-11 is sampled on a quarterly schedule and analytical results indicate benzene, toluene, ethyl-benzene and xylene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last nine consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Recovery well RW-1 is monitored on a quarterly schedule. Recovery well RW-1 was not sampled during the 1st, 2nd and 3rd quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 6.92 feet, 6.88 feet and 7.26 feet were reported during the 1st, 2nd and 3rd quarters of 2009, respectively. Benzene concentrations were above the NMOCD regulatory

standard during the 4th quarter of the reporting period with a concentration of 6.29 mg/L. Toluene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 4.42 mg/L. Ethyl-benzene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 0.779 mg/L. Xylene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 2.10 mg/L. Analytical results indicated a total TPH result of 86.30 mg/L. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for naphthalene (0.102 mg/L), 1-methylnaphthalene (0.118 mg/L) and 2-methylnaphthalene (0.154 mg/L). Additional PAH constituents detected above MDLs include fluorene (0.0117 mg/L), phenanthrene (0.0134 mg/L) and dibenzofuran (0.00842 mg/L), which are below WQCC standards.

Recovery well RW-2 is monitored on a quarterly schedule. Recovery well RW-2 was not sampled during the 1st, 2nd and 3rd quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 6.50 feet, 6.04 feet and 6.20 feet were reported during the 1st, 2nd and 3rd quarters of 2009, respectively. Benzene concentrations were above the NMOCD regulatory standard during the 4th quarter of the reporting period with a concentration of 2.52 mg/L. Toluene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 2.03 mg/L. Ethyl-benzene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 0.6270 mg/L. Xylene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 2.14 mg/L. Analytical results indicated a total TPH result of 46.9 mg/L. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for naphthalene (0.157 mg/L), 1-methylnaphthalene (0.266 mg/L) and 2-methylnaphthalene (0.347 mg/L). Additional PAH constituents detected above MDLs include fluorene (0.0254 mg/L), phenanthrene (0.0322 mg/L) and dibenzofuran (0.0178 mg/L), which are below WQCC standards.

Recovery well RW-3 is monitored on a quarterly schedule. Recovery well RW-3 was not sampled during the 1st, 2nd and 3rd quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 7.07 feet, 6.99 feet and 7.66 feet were reported during the 1st, 2nd and 3rd quarters of 2009, respectively. Benzene concentrations were above the NMOCD regulatory standard during the 4th quarter of the reporting period with a concentration of 4.02 mg/L. Toluene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 2.67 mg/L. Ethyl-benzene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 0.827 mg/L. Xylene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 2.34 mg/L. Analytical results indicated a total TPH result of 517.80 mg/L. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for naphthalene (0.113 mg/L), 1-methylnaphthalene (0.128 mg/L) and 2-methylnaphthalene (0.164 mg/L). Additional PAH constituents detected above MDLs include fluorene (0.0114 mg/L), phenanthrene (0.0132 mg/L) and dibenzofuran (0.0101 mg/L), which are below WQCC standards.

Recovery well RW-4 is monitored on a quarterly schedule. Recovery well RW-4 was not sampled during the 1st, 2nd and 3rd quarters of the reporting period, due to the presence of PSH.

PSH thicknesses of 5.76 feet, 5.65 feet and 5.07 feet were reported during the 1st, 2nd and 3rd quarters of 2009, respectively. Benzene concentrations were above the NMOCD regulatory standard during the 4th quarter of the reporting period with a concentration of 6.31 mg/L. Toluene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 1.28 mg/L. Ethyl-benzene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 0.892 mg/L. Xylene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 1.43 mg/L. Analytical results indicated a total TPH result of 33.60 mg/L. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for naphthalene (0.169 mg/L), 1-methylnaphthalene (0.276 mg/L) and 2-methylnaphthalene (0.367 mg/L). Additional PAH constituents detected above MDLs include fluorene (0.0263 mg/L), phenanthrene (0.0337 mg/L) and dibenzofuran (0.0184 mg/L), which are below WQCC standards.

Recovery well RW-5 is monitored on a quarterly schedule. Recovery well RW-5 was not sampled during the 1st, 2nd and 3rd quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 7.01 feet, 6.11 feet and 4.19 feet were reported during the 1st, 2nd and 3rd quarters of 2009, respectively. Benzene concentrations were above the NMOCD regulatory standard during the 4th quarter of the reporting period with a concentration of 6.68 mg/L. Toluene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 1.86 mg/L. Ethyl-benzene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 0.902 mg/L. Xylene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 1.29 mg/L. Analytical results indicated a total TPH result of 38.60 mg/L. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for naphthalene (0.147 mg/L), 1-methylnaphthalene (0.217 mg/L) and 2-methylnaphthalene (0.295 mg/L). Additional PAH constituents detected above MDLs include fluorene (0.0201 mg/L), phenanthrene (0.0284 mg/L) and dibenzofuran (0.0155 mg/L), which are below WQCC standards.

Recovery well RW-6 is monitored on a quarterly schedule. Recovery well RW-6 was not sampled during the 1st, 2nd and 3rd quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 7.57 feet, 7.51 feet and 7.45 feet were reported during the 1st, 2nd and 3rd quarters of 2009, respectively. Benzene concentrations were above the NMOCD regulatory standard during the 4th quarter of the reporting period with a concentration of 6.58 mg/L. Toluene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 2.46 mg/L. Ethyl-benzene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 0.916 mg/L. Xylene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 2.26 mg/L. Analytical results indicated a total TPH result of 42.70 mg/L. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for naphthalene (0.20 mg/L), 1-methylnaphthalene (0.36 mg/L) and 2-methylnaphthalene (0.481 mg/L). Additional PAH constituents detected above MDLs include fluorene (0.0352 mg/L), phenanthrene (0.0492 mg/L) and dibenzofuran (0.0253 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 1st, 2nd and 3rd quarters of the reporting period, due to the presence of PSH in the monitor well and was not sampled during the 4th quarter due to insufficient water volume in the well. PAH analysis was not conducted due to insufficient water volume in the well.

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 2009 annual monitoring period. Currently, there are ten groundwater monitor wells (MW-1 through MW-11, excluding MW-5) and seven product recovery wells (RW-1 through RW-7) on-site. A measurable thickness of PSH was present in eight monitor or recovery wells (MW-2 and RW-1 through RW-7) during each quarter of the reporting period. Approximately 884 gallons (21.1 barrels) of PSH were recovered from the site during this reporting period. Approximately 17,077 gallons (406.6 barrels) of PSH have been recovered from the site utilizing manual and automated methods since project inception. Groundwater elevation contours generated from water level measurements acquired during the most recent quarter indicated a general gradient of 0.003 feet/foot to the southeast as measured between monitor wells MW-1 and MW-2.

Monitor well MW-2 and all recovery wells (RW-1 through RW-7) contained measurable PSH and were not sampled during the 1st, 2nd and 3rd quarters of the reporting period. Monitor wells MW-2 and recovery wells RW-1 through RW-6 contained measurable PSH and were sampled during the 4th quarter of the reporting period as per the NMOCD directive. Recovery well RW-7 was not sampled during the 4th quarter due to the lack of sufficient water volume in the well.

The average thickness of PSH in recovery wells containing PSH during 2009 was 6.76 feet. A maximum PSH thickness of 7.77 feet reported in recovery well RW-6 on January 8, 2009. Data indicates that the operation of the automated recovery system at the Darr Angell #2 Release Site has been successful in reducing observed PSH thicknesses in on-site monitor and recovery wells.

Review of laboratory analytical results of the groundwater samples obtained during the 2009 monitoring period indicate the BTEX constituent concentrations are below applicable NMOCD standards in eight of the seventeen monitor and recovery wells currently on-site. The remaining nine monitor / 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 2009. Dissolved phase impact appears to be limited to monitor wells MW-2 and MW-3 and to those recovery wells which exhibit PSH. Groundwater samples from monitor well MW-2 and recovery wells RW-1 through RW-6 exhibited elevated TPH concentrations for GRO and DRO. Review of PAH analysis indicates an increasing trend in constituent concentrations in one monitor well (MW-2) and a decreasing trend in one monitor well (MW-3) and six recovery wells (RW-1 through RW-6).

ANTICIPATED ACTIONS

Quarterly groundwater monitoring and sampling will continue in 2010. An Annual Monitoring Report will be submitted to the NMOCD by April 1, 2011. The automated recovery system will be monitored and adjusted to maximize the efficiency of product removal and gradient control.

Based on the results of the PAH analysis over the past several years, NOVA recommends that further PAH analysis be conducted only on those monitor wells (MW-3) which have historically exhibited elevated constituents near or above the WQCC standards.

LIMITATIONS

NOVA has prepared this Annual Monitoring Report to the best of its ability. No other warranty, expressed or implied, is made or intended. NOVA has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. NOVA has not conducted an independent examination of the facts contained in referenced materials and statements. We have presumed the genuineness of the documents and that the information provided in documents or statements is true and accurate. NOVA has prepared this report, in a professional manner, using the degree of skill and care exercised by similar environmental consultants. NOVA also notes that the facts and conditions referenced in this report may change over time and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

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

DISTRIBUTION

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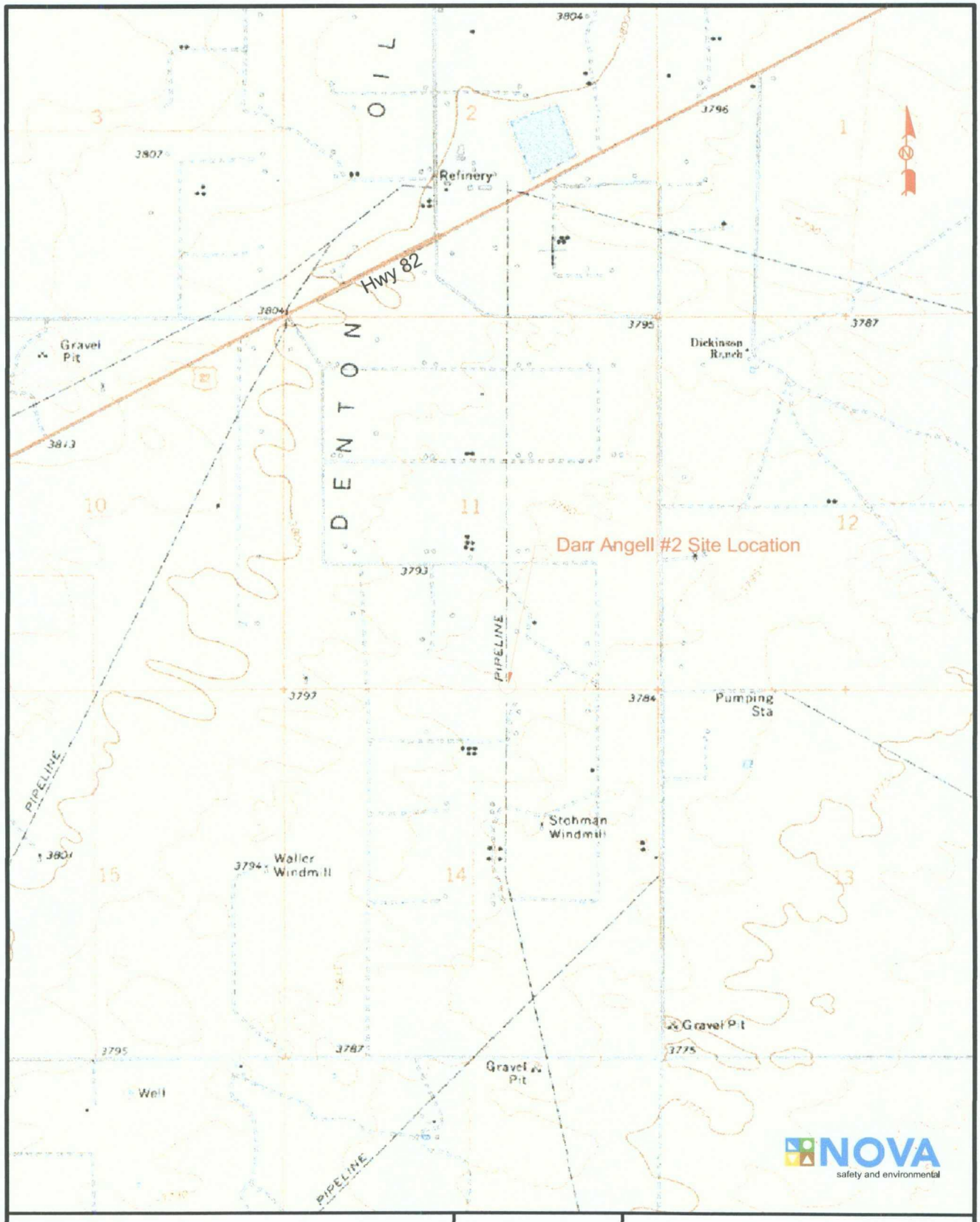
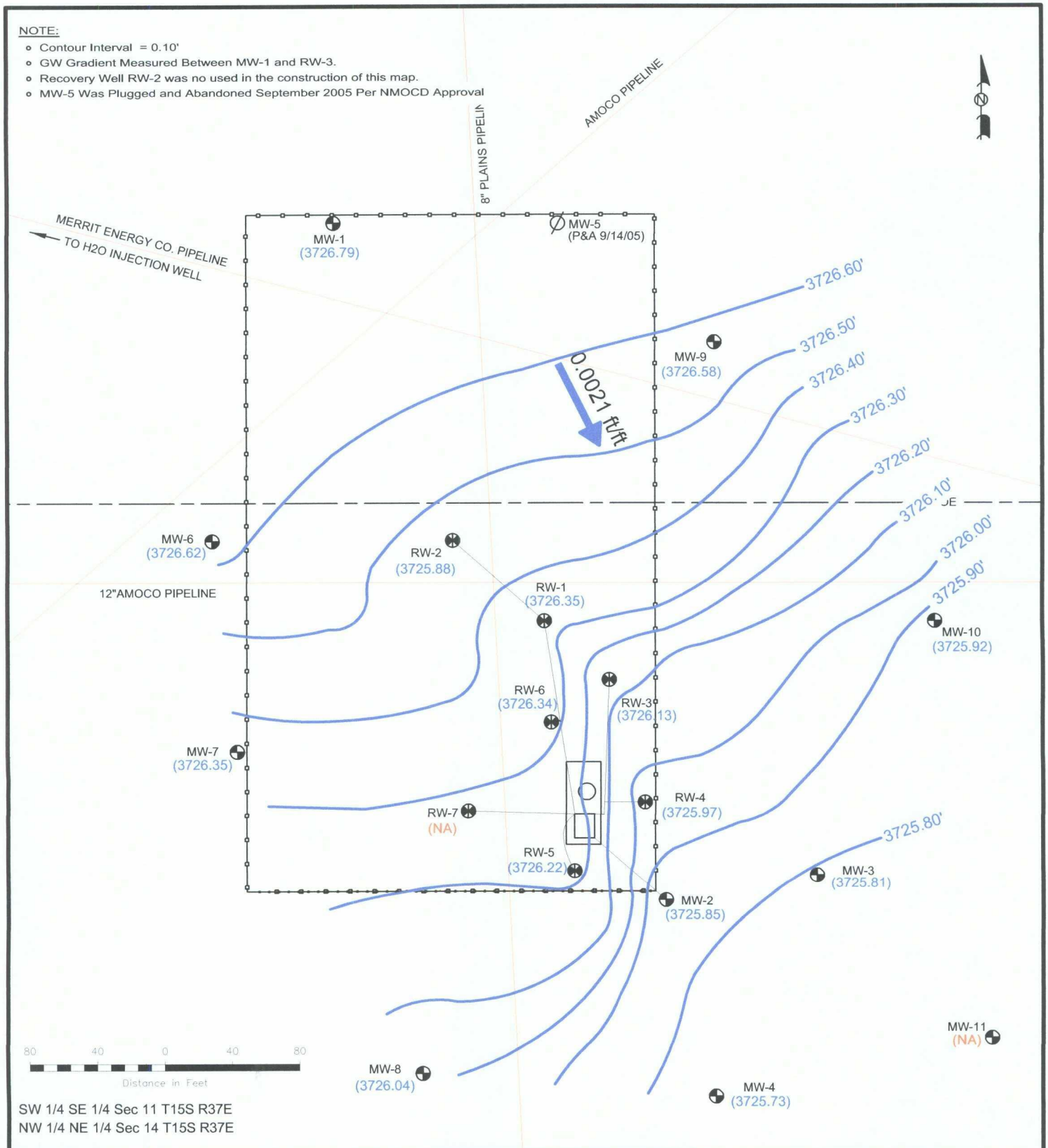
Figures



Site Location USGS Prairieview (NM) Topo 33° 01' 47.0" N 103° 10' 10.5" W SW 1/4 of SE1/4 of Sec 11 T15S R37E NW 1/4 of NE 1/4 of Sec 14 T15S R37E NMOCD Ref# AP-007	Figure 1 Site Location Map Plains Marketing, L.P Darr Angell # 2 Lea County, NM	NOVA Safety and Environmental Scale: 1"=2000' | Prep By: CDS | Checked By: TKC February 20, 2005


NOTE:
Contour Interval = 0.10'
GW Gradient Measured Between MW-1 and RW-3.
Recovery Well RW-2 was no used in the construction of this map.
MW-5 Was Plugged and Abandoned September 2005 Per NMOCD Approval
AMOCO PIPELINE
8" PLAINS PIPELIN
MERRIT ENERGY CO. PIPELINE
TO H2O INJECTION WELL
MW-1
(3726.79)
MW-5
(P&A 9/14/05)
MW-9
(3726.58)
0.0021 ft/ft
3726.60'
3726.50'
3726.40'
3726.30'
3726.20'
3726.10'
3726.00'
3725.90'
3725.80'
MW-6
(3726.62)
RW-2
(3725.88)
RW-1
(3726.35)
12"AMOCO PIPELINE
MW-10
(3725.92)
RW-6
(3726.34)
RW-3
(3726.13)
MW-7
(3726.35)
RW-4
(3725.97)
RW-7
(NA)
RW-5
(3726.22)
MW-3
(3725.81)
MW-2
(3725.85)
MW-11
(NA)
MW-8
(3726.04)
MW-4
(3725.73)
80 40 0 40 80
Distance in Feet
SW 1/4 SE 1/4 Sec 11 T15S R37E
NW 1/4 NE 1/4 Sec 14 T15S R37E
LEGEND:
Monitor Well Location
Recovery Well Location
(3728.84) Groundwater Elevation (In Feet)
Groundwater Gradient Contour Line
0.001 ft/ft Groundwater Gradient and Magnitude
Bermed Containment Area
(NA) Water Data Unavailable
Plugged and Abandoned Well
NMOCD Ref# AP-007
Figure 2A
Inferred Groundwater Gradient Map
(02/20/09)
Plains Marketing, L.P.
Darr Angell # 2
Lea County, NM
NOVA
safety and environmental
2057 Commerce Drive
Midland, Texas 79703
432.520.7720
www.novasafetyandenvironmental.com
Scale: 1"=80'
CAD By: SAT
Checked By: RKR
March 12, 2010
Lat33° 01' 47.0"N Lon. 103° 10' 10.5"W

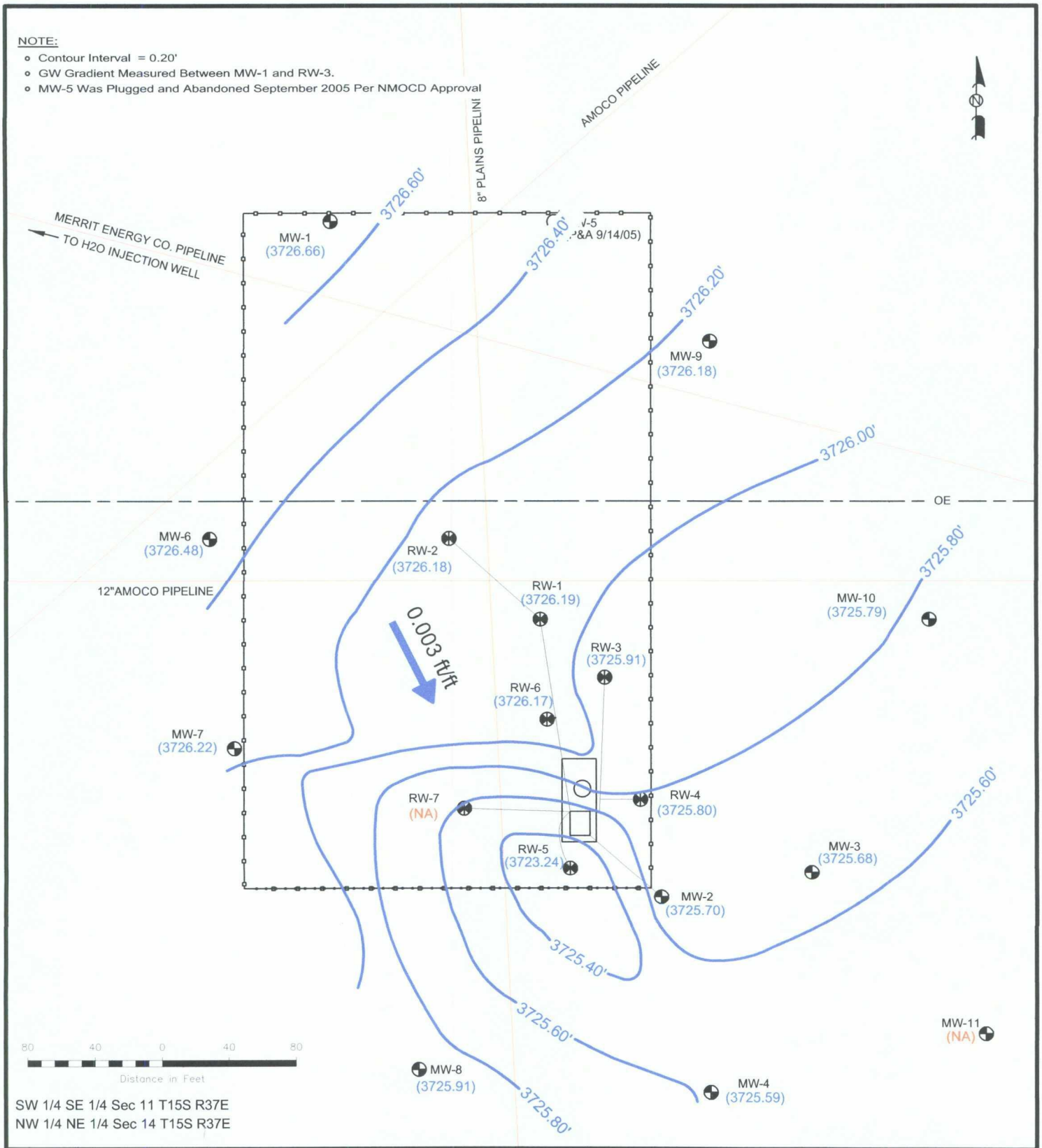
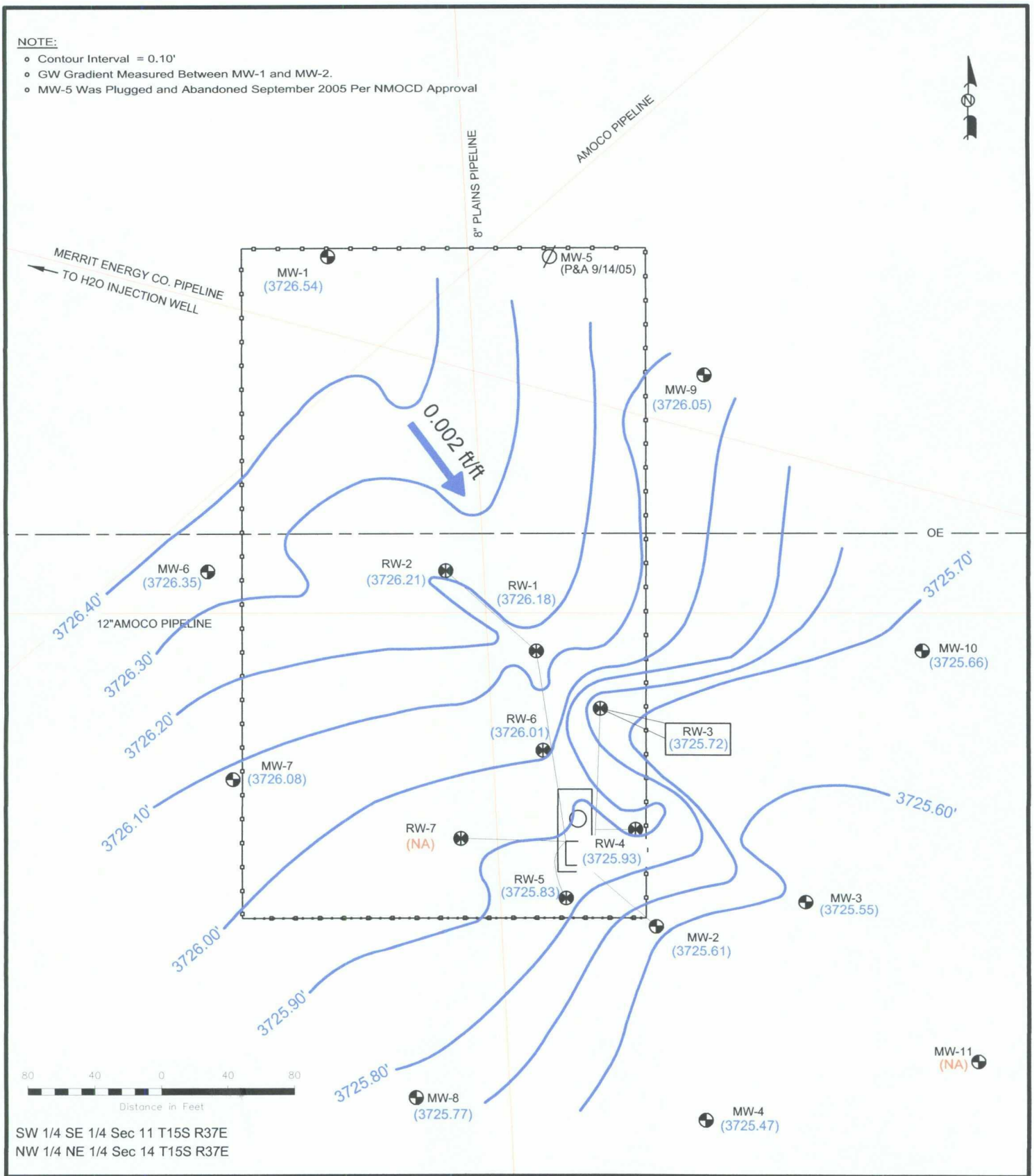


Figure 2B
Inferred Groundwater Gradient Map
(05/29/09)
Plains Marketing, L.P.
Darr Angell # 2
Lea County, NM

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

Scale: 1"=80'	CAD By: SAT	Checked By: RKR
June 22, 2009	Lat33° 01' 47.0"N Lon. 103° 10' 10.5"W	



LEGEND:

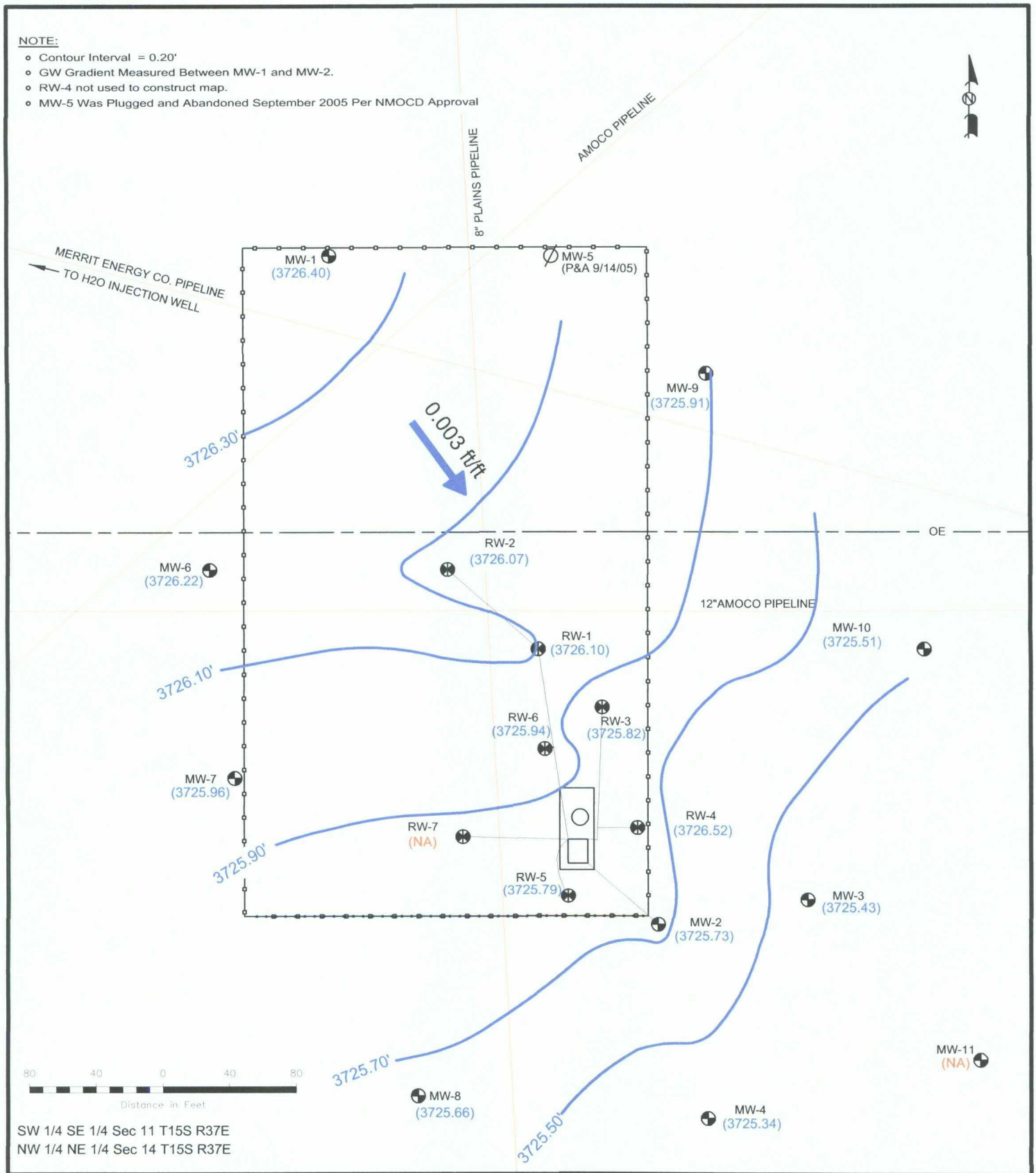
- Monitor Well Location
- Recovery Well Location
- (3728.84) Groundwater Elevation (In Feet)
- Groundwater Gradient Contour Line
- 0.001 ft/ft Groundwater Gradient and Magnitude
- Bermed Containment Area
- (NA) Water Data Unavailable
- Plugged and Abandoned Well

NMOCD Ref# AP-007

Figure 2C
Inferred Groundwater Gradient Map
(08/21/09)
Plains Marketing, L.P.
Darr Angell # 2
Lea County, NM

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

Scale: 1"=80'	CAD By: SAT	Checked By: RKR
March 14, 2010	Lat33° 01' 47.0"N Lon. 103° 10' 10.5"W	



LEGEND:

- Monitor Well Location
- Recovery Well Location
- (3728.84) Groundwater Elevation (In Feet)
- Groundwater Gradient Contour Line
- 0.001 ft/ft Groundwater Gradient and Magnitude
- Bermed Containment Area
- (NA) Water Data Unavailable
- Plugged and Abandoned Well

NMOCD Ref# AP-007

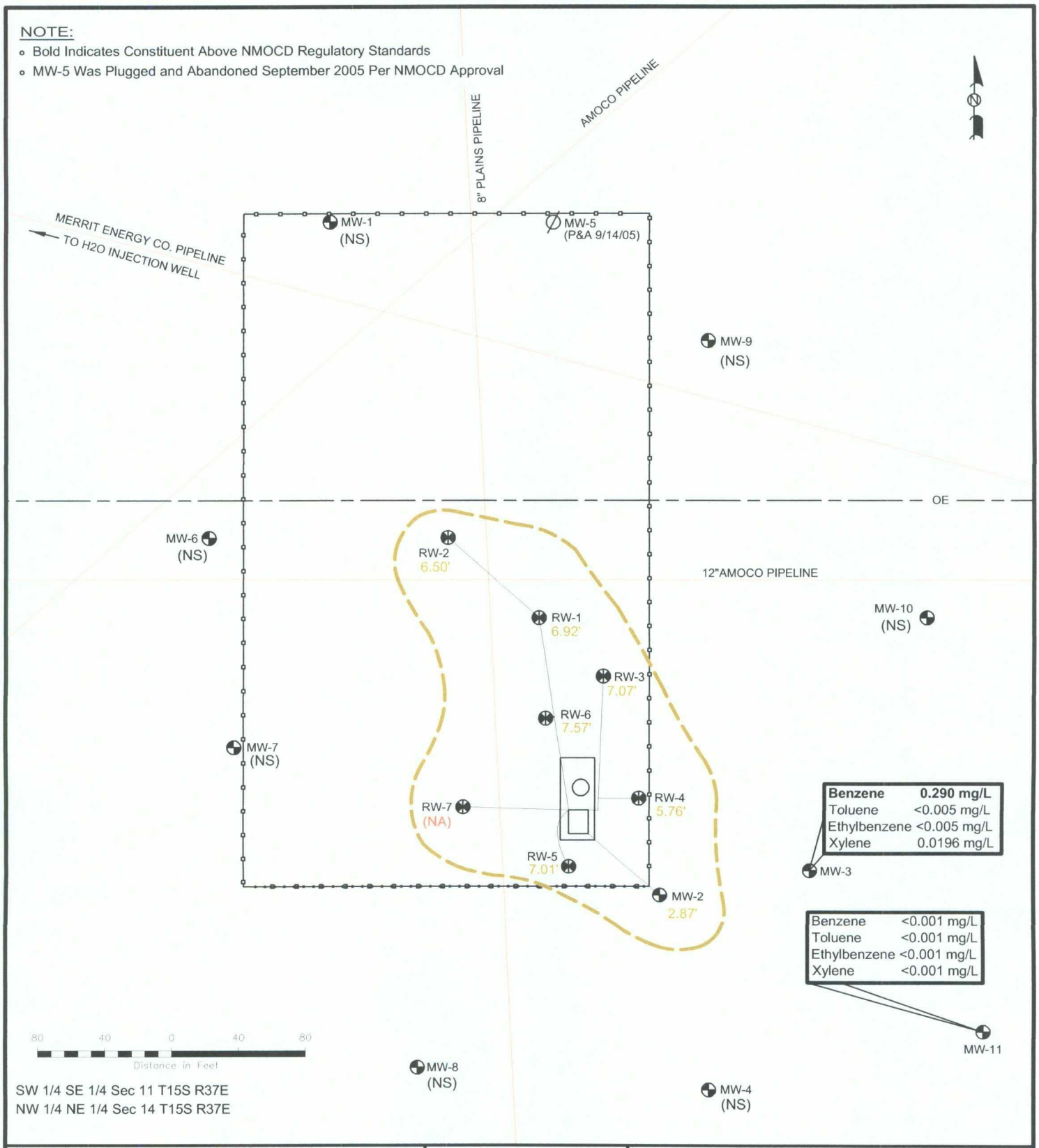
Figure 2D
Inferred Groundwater Gradient Map
(11/30/09)
Plains Marketing, L.P.
Darr Angell # 2
Lea County, NM

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

Scale: 1"=80'	CAD By: SAT	Checked By: RKR
December 17, 2009	Lat33° 01' 47.0"N Lon. 103° 10' 10.5"W	

NOTE:

- Bold Indicates Constituent Above NMOCD Regulatory Standards
- MW-5 Was Plugged and Abandoned September 2005 Per NMOCD Approval



SW 1/4 SE 1/4 Sec 11 T15S R37E
NW 1/4 NE 1/4 Sec 14 T15S R37E

LEGEND:

- Monitor Well Location
- Recovery Well Location
- Inferred PSH Extent
- <0.001 Constituent Concentration (mg/L)
- Note: PSH Thickness in Feet
- Bermed Containment Area
- (NA) PSH Thickness Data Unavailable
- (NS) Not Sampled
- Plugged and Abandoned Well

NMOCD Ref# AP-007

Figure 3A
Groundwater Concentration and Inferred PSH Extent Map (02/20/09)
Plains Marketing, L.P.
Darr Angell # 2
Lea County, NM

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

Scale: 1"=80'	CAD By: SAT	Checked By: RKR
June 22, 2009	Lat. 33° 01' 47.0"N	Lon. 103° 10' 10.5"W

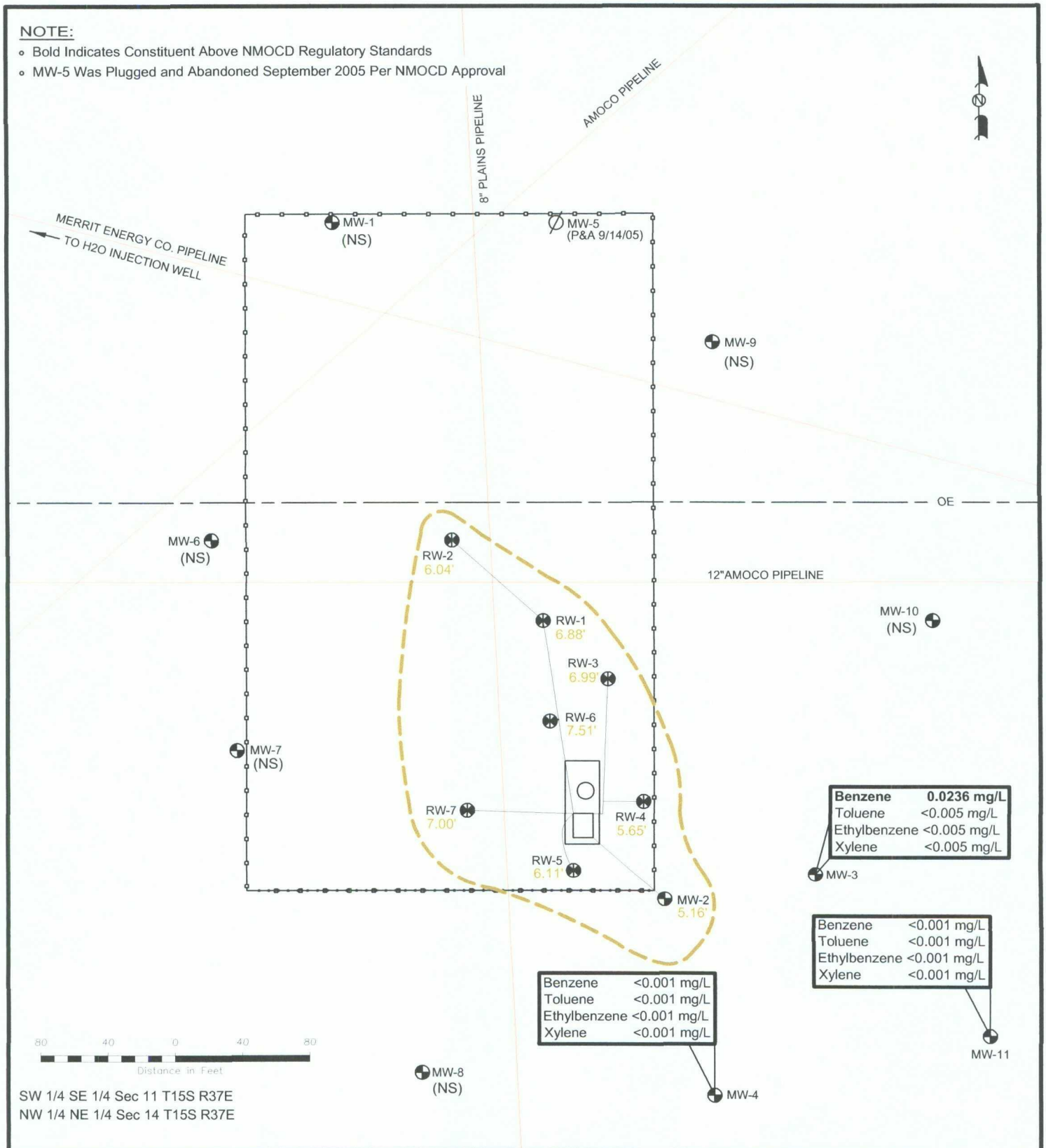


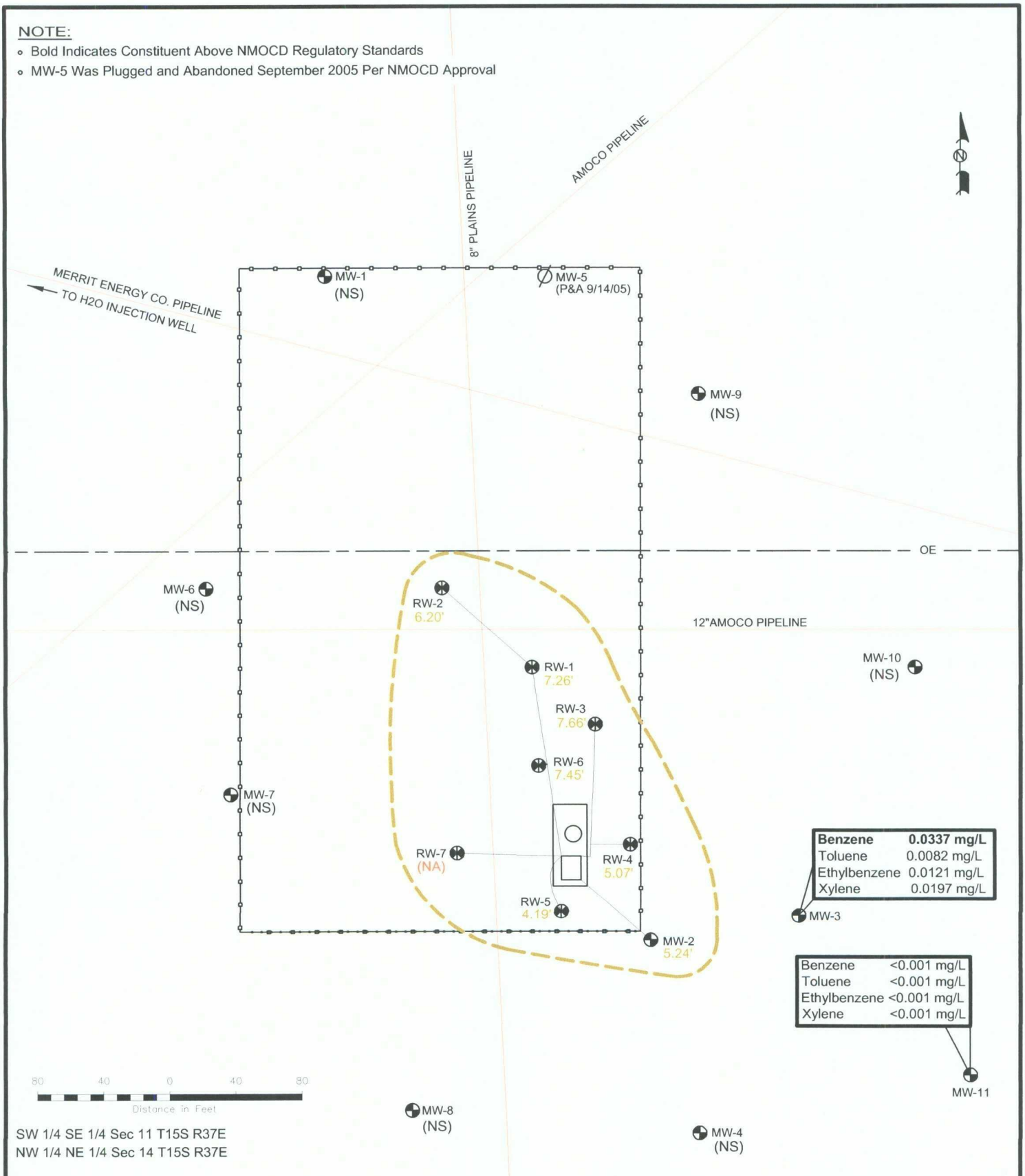
Figure 3B
Groundwater Concentration and Inferred PSH Extent Map (05/29/09)
Plains Marketing, L.P.
Darr Angell # 2
Lea County, NM

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

Scale: 1"=80'	CAD By: SAT	Checked By: RKR
August 27, 2009	Lat. 33° 01' 47.0"N	Lon. 103° 10' 10.5"W

NOTE:

- Bold Indicates Constituent Above NMOCD Regulatory Standards
- MW-5 Was Plugged and Abandoned September 2005 Per NMOCD Approval



SW 1/4 SE 1/4 Sec 11 T15S R37E
NW 1/4 NE 1/4 Sec 14 T15S R37E

LEGEND:

- Monitor Well Location
- Recovery Well Location
- Inferred PSH Extent
- <0.001 Constituent Concentration (mg/L)
- Note: PSH Thickness in Feet
- Bermed Containment Area
- (NA) PSH Thickness Data Unavailable
- (NS) Not Sampled
- Plugged and Abandoned Well

NMOCD Ref# AP-007

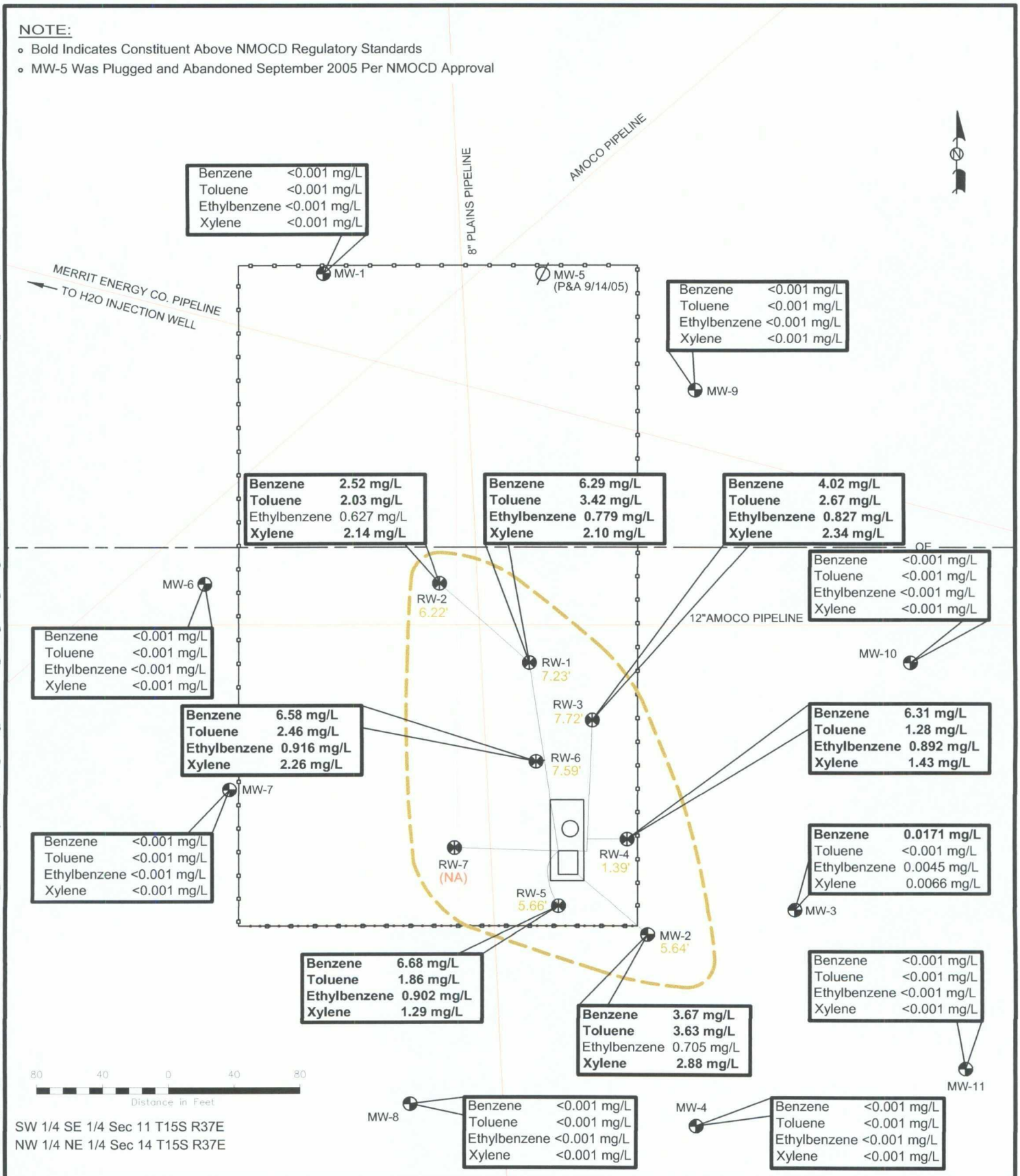
Figure 3C
Groundwater Concentration and Inferred PSH Extent Map (08/21/09)
Plains Marketing, L.P.
Darr Angell # 2
Lea County, NM

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

Scale: 1"=80'	CAD By: SAT	Checked By: RKR
October 15, 2009	Lat. 33° 01' 47.0"N	Lon. 103° 10' 10.5"W

NOTE:

- Bold Indicates Constituent Above NMOCD Regulatory Standards
- MW-5 Was Plugged and Abandoned September 2005 Per NMOCD Approval



SW 1/4 SE 1/4 Sec 11 T15S R37E
NW 1/4 NE 1/4 Sec 14 T15S R37E

LEGEND:

- Monitor Well Location
- Recovery Well Location
- Inferred PSH Extent
- <0.001 Constituent Concentration (mg/L)
- Note: PSH Thickness in Feet
- Bermed Containment Area
- (NA) PSH Thickness Data Unavailable
- (NS) Not Sampled
- Plugged and Abandoned Well

NMOCD Ref# AP-007

Figure 3D
Groundwater Concentration and Inferred PSH Extent Map (11/30/09)
Plains Marketing, L.P.
Darr Angell # 2
Lea County, NM

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

Scale: 1"=80'	CAD By: SAT	Checked By: RKR
December 17, 2009	Lat. 33° 01' 47.0"N	Lon. 103° 10' 10.5"W

Tables

TABLE 1

2009 - GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
DARR ANGELL #2
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 - 1	*02/20/09*	3788.04	-	61.25	0.00	3726.79
MW - 1	*05/29/09*	3788.04	-	61.38	0.00	3726.66
MW - 1	*08/21/09*	3788.04	-	61.50	0.00	3726.54
MW - 1	*11/30/09*	3788.04	-	61.64	0.00	3726.40
MW - 2	*02/20/09*	3788.41	62.00	64.87	2.87	3725.98
MW - 2	03/17/09	3788.41	61.97	65.90	3.93	3725.85
MW - 2	*05/29/09*	3788.41	61.94	67.10	5.16	3725.70
MW - 2	*08/21/09*	3788.41	62.01	67.25	5.24	3725.61
MW - 2	*11/30/09*	3788.41	61.83	67.47	5.64	3725.73
MW - 3	*02/20/09*	3787.94		62.13	0.00	3725.81
MW - 3	*05/29/09*	3787.94		62.26	0.00	3725.68
MW - 3	*08/21/09*	3787.94		62.39	0.00	3725.55
MW - 3	*11/30/09*	3787.94		62.51	0.00	3725.43
MW - 4	*02/20/09*	3787.76	-	62.03	0.00	3725.73
MW - 4	*05/29/09*	3787.76	-	62.17	0.00	3725.59
MW - 4	*08/21/09*	3787.76	-	62.29	0.00	3725.47
MW - 4	*11/30/09*	3787.76	-	62.42	0.00	3725.34
MW - 6	*02/20/09*	3788.31	-	61.69	0.00	3726.62
MW - 6	*05/29/09*	3788.31	-	61.83	0.00	3726.48
MW - 6	*08/21/09*	3788.31	-	61.96	0.00	3726.35
MW - 6	*11/30/09*	3788.31	-	62.09	0.00	3726.22
MW - 7	*02/20/09*	3788.65	-	62.30	0.00	3726.35
MW - 7	*05/29/09*	3788.65	-	62.43	0.00	3726.22
MW - 7	*08/21/09*	3788.65	-	62.57	0.00	3726.08
MW - 7	*11/30/09*	3788.65	-	62.69	0.00	3725.96
MW - 8	*02/20/09*	3787.60	-	61.56	0.00	3726.04
MW - 8	*05/29/09*	3787.60	-	61.69	0.00	3725.91
MW - 8	*08/21/09*	3787.60	-	61.83	0.00	3725.77
MW - 8	*11/30/09*	3787.60	-	61.94	0.00	3725.66
MW - 9	*02/20/09*	3787.27	-	60.69	0.00	3726.58
MW - 9	*05/29/09*	3787.27	-	61.09	0.00	3726.18
MW - 9	*08/21/09*	3787.27	-	61.22	0.00	3726.05
MW - 9	*11/30/09*	3787.27	-	61.36	0.00	3725.91
MW - 10	*02/20/09*	3787.50	-	61.58	0.00	3725.92
MW - 10	*05/29/09*	3787.50	-	61.71	0.00	3725.79
MW - 10	*08/21/09*	3787.50	-	61.84	0.00	3725.66
MW - 10	*11/30/09*	3787.50	-	61.99	0.00	3725.51
MW - 11	12/04/07		-	62.14	0.00	
MW - 11	*02/27/08*		-	62.26	0.00	

TABLE 1

2009 - GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
DARR ANGELL #2
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 - 11	*05/29/08*			62.37	0.00	
MW - 11	*09/05/08*			62.49	0.00	
MW - 11	*12/01/08*		-	62.61	0.00	
MW - 11	*02/20/09*		-	62.71	0.00	
MW - 11	*05/29/09*		-	62.84	0.00	
MW - 11	*08/21/09*		-	62.96	0.00	
MW - 11	*11/30/09*		-	63.10	0.00	
RW - 1	*02/20/09*	3787.45	60.06	66.98	6.92	3726.35
RW - 1	03/17/09	3787.45	60.01	66.87	6.86	3726.41
RW - 1	*05/29/09*	3787.45	60.23	67.11	6.88	3726.19
RW - 1	*08/21/09*	3787.45	60.18	67.44	7.26	3726.18
RW - 1	*11/30/09*	3787.45	60.27	67.50	7.23	3726.10
RW - 2	*02/20/09*	3787.83	60.98	67.48	6.50	3725.88
RW - 2	03/17/09	3787.83	60.36	66.70	6.34	3726.52
RW - 2	*05/29/09*	3787.83	60.74	66.78	6.04	3726.18
RW - 2	*08/21/09*	3787.83	60.69	66.89	6.20	3726.21
RW - 2	*11/30/09*	3787.83	60.83	67.05	6.22	3726.07
RW - 3	*02/20/09*	3787.81	60.62	67.69	7.07	3726.13
RW - 3	03/17/09	3787.81	60.51	67.65	7.14	3726.23
RW - 3	*05/29/09*	3787.81	60.85	67.84	6.99	3725.91
RW - 3	07/17/09	3787.81	59.93	67.48	7.55	3726.75
RW - 3	*08/21/09*	3787.81	60.94	68.60	7.66	3725.72
RW - 3	*11/30/09*	3787.81	60.83	68.55	7.72	3725.82
RW - 4	*02/20/09*	3787.74	60.91	66.67	5.76	3725.97
RW - 4	03/17/09	3787.74	60.72	66.56	5.84	3726.14
RW - 4	*05/29/09*	3787.74	61.09	66.74	5.65	3725.80
RW - 4	*08/21/09*	3787.74	61.05	66.12	5.07	3725.93
RW - 4	*11/30/09*	3787.74	61.01	62.40	1.39	3726.52
RW - 5	*02/20/09*	3787.38	60.11	67.12	7.01	3726.22
RW - 5	03/17/09	3787.38	60.15	67.20	7.05	3726.17
RW - 5	*05/29/09*	3787.38	61.22	67.33	6.11	3725.24
RW - 5	07/29/09	3787.38	60.30	67.40	7.10	3726.02
RW - 5	07/31/09	3787.38	60.93	64.75	3.82	3725.88
RW - 5	08/04/09	3787.38	60.67	65.84	5.17	3725.93
RW - 5	08/07/09	3787.38	60.97	64.48	3.51	3725.88
RW - 5	08/12/09	3787.38	60.57	66.45	5.88	3725.93
RW - 5	08/18/09	3787.38	60.57	66.46	5.89	3725.93
RW - 5	*08/21/09*	3787.38	60.92	65.11	4.19	3725.83
RW - 5	08/26/09	3787.38	60.48	66.82	6.34	3725.95
RW - 5	09/01/09	3787.38	60.59	66.48	5.89	3725.91
RW - 5	09/09/09	3787.38	60.54	66.78	6.24	3725.90
RW - 5	09/15/09	3787.38	60.62	66.47	5.85	3725.88
RW - 5	09/21/09	3787.38	60.62	66.35	5.73	3725.90
RW - 5	09/28/09	3787.38	60.62	66.43	5.81	3725.89

TABLE 1

2009 - GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
DARR ANGELL #2
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	10/05/09	3787.38	60.47	67.26	6.79	3725.89
RW - 5	*10/12/09*	3787.38	*60.60*	*66.68*	6.08	3725.87
RW - 5	10/27/09	3787.38	60.60	66.73	6.13	3725.86
RW - 5	11/02/09	3787.38	60.72	66.32	5.60	3725.82
RW - 5	11/09/09	3787.38	60.68	66.49	5.81	3725.83
RW - 5	11/16/09	3787.38	60.71	66.42	5.71	3725.81
RW - 5	11/23/09	3787.38	60.70	66.48	5.78	3725.81
RW - 5	*11/30/09*	3787.38	60.74	66.40	5.66	3725.79
RW - 6	01/08/09	3787.22	59.67	67.44	7.77	3726.38
RW - 6	01/14/09	3787.22	59.71	67.45	7.74	3726.35
RW - 6	01/19/09	3787.22	59.71	67.43	7.72	3726.35
RW - 6	01/26/09	3787.22	59.74	67.45	7.71	3726.32
RW - 6	02/03/09	3787.22	59.74	67.46	7.72	3726.32
RW - 6	02/09/09	3787.22	59.72	67.44	7.72	3726.34
RW - 6	02/16/09	3787.22	59.75	67.44	7.69	3726.32
RW - 6	*02/20/09*	3787.22	59.74	67.31	7.57	3726.34
RW - 6	02/23/09	3787.22	59.75	67.42	7.67	3726.32
RW - 6	03/02/09	3787.22	59.72	67.39	7.67	3726.35
RW - 6	03/09/09	3787.22	59.78	67.43	7.65	3726.29
RW - 6	03/17/09	3787.22	59.78	67.43	7.65	3726.29
RW - 6	03/30/09	3787.22	59.79	67.44	7.65	3726.28
RW - 6	04/06/09	3787.22	59.84	67.45	7.61	3726.24
RW - 6	04/13/09	3787.22	59.81	67.42	7.61	3726.27
RW - 6	04/20/09	3787.22	59.86	67.49	7.63	3726.22
RW - 6	04/27/09	3787.22	59.86	67.46	7.60	3726.22
RW - 6	05/11/09	3787.22	59.87	67.49	7.62	3726.21
RW - 6	05/18/09	3787.22	59.88	67.51	7.63	3726.20
RW - 6	05/26/09	3787.22	59.87	67.49	7.62	3726.21
RW - 6	*05/29/09*	3787.22	59.92	67.43	7.51	3726.17
RW - 6	06/08/09	3787.22	59.91	67.53	7.62	3726.17
RW - 6	06/18/09	3787.22	59.92	67.54	7.62	3726.16
RW - 6	06/22/09	3787.22	59.86	67.46	7.60	3726.22
RW - 6	06/30/09	3787.22	59.92	67.55	7.63	3726.16
RW - 6	07/08/09	3787.22	59.90	67.53	7.63	3726.18
RW - 6	07/13/09	3787.22	59.94	67.54	7.60	3726.14
RW - 6	07/20/09	3787.22	60.00	67.48	7.48	3726.10
RW - 6	07/28/09	3787.22	59.91	67.55	7.64	3726.16
RW - 6	07/31/09	3787.22	60.02	67.52	7.50	3726.08
RW - 6	08/04/09	3787.22	60.00	67.54	7.54	3726.09
RW - 6	08/07/09	3787.22	60.07	67.33	7.26	3726.06
RW - 6	08/12/09	3787.22	59.95	67.54	7.59	3726.13
RW - 6	08/18/09	3787.22	59.99	67.59	7.60	3726.09
RW - 6	*08/21/09*	3787.22	60.09	67.54	7.45	3726.01
RW - 6	08/26/09	3787.22	59.99	67.62	7.63	3726.09
RW - 6	09/01/09	3787.22	59.95	67.56	7.61	3726.13
RW - 6	09/09/09	3787.22	60.08	67.67	7.59	3726.00
RW - 6	09/15/09	3787.22	60.04	67.65	7.61	3726.04
RW - 6	09/21/09	3787.22	60.02	67.60	7.58	3726.06

TABLE 1

2009 - GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
DARR ANGELL #2
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	09/28/09	3787.22	60.04	67.62	7.58	3726.04
RW - 6	10/05/09	3787.22	60.02	67.65	7.63	3726.06
RW - 6	10/12/09	3787.22	60.00	67.66	7.66	3726.07
RW - 6	10/27/09	3787.22	60.04	67.60	7.56	3726.05
RW - 6	11/02/09	3787.22	60.06	67.69	7.63	3726.02
RW - 6	11/09/09	3787.22	60.08	67.72	7.64	3725.99
RW - 6	11/16/09	3787.22	60.08	67.75	7.67	3725.99
RW - 6	11/23/09	3787.22	60.10	67.70	7.60	3725.98
RW - 6	*11/30/09*	3787.22	60.14	67.73	7.59	3725.94
RW - 7	01/08/09	3787.40	59.88	N/D	0.00	
RW - 7	01/14/09	3787.40	59.88	N/D	0.00	
RW - 7	01/19/09	3787.40	58.09	N/D	0.00	
RW - 7	01/26/09	3787.40	59.93	N/D	0.00	
RW - 7	02/03/09	3787.40	59.88	N/D	0.00	
RW - 7	02/09/09	3787.40	59.85	N/D	0.00	
RW - 7	02/16/09	3787.40	59.90	N/D	0.00	
RW - 7	*02/20/09*	3787.40	59.85	N/D	0.00	
RW - 7	02/23/09	3787.40	59.89	N/D	0.00	
RW - 7	03/02/09	3787.40	59.89	N/D	0.00	
RW - 7	03/09/09	3787.40	59.89	N/D	0.00	
RW - 7	03/17/09	3787.40	59.93	N/D	0.00	
RW - 7	03/30/09	3787.40	59.94	N/D	0.00	
RW - 7	04/06/09	3787.40	59.90	N/D	0.00	
RW - 7	04/13/09	3787.40	59.91	N/D	0.00	
RW - 7	04/20/09	3787.40	59.95	N/D	0.00	
RW - 7	04/27/09	3787.40	59.95	N/D	0.00	
RW - 7	05/11/09	3787.40	59.94	N/D	0.00	
RW - 7	05/18/09	3787.40	59.98	N/D	0.00	
RW - 7	05/26/09	3787.40	59.95	N/D	0.00	
RW - 7	*05/29/09*	3787.40	60.02	N/D	0.00	
RW - 7	06/08/09	3787.40	59.97	N/D	0.00	
RW - 7	06/18/09	3787.40	60.01	N/D	0.00	
RW - 7	06/22/09	3787.40	59.98	N/D	0.00	
RW - 7	06/30/09	3787.40	60.01	N/D	0.00	
RW - 7	07/08/09	3787.40	60.00	N/D	0.00	
RW - 7	07/13/09	3787.40	60.01	N/D	0.00	
RW - 7	07/17/09	3787.40	60.05	N/D	0.00	
RW - 7	07/20/09	3787.40	60.03	N/D	0.00	
RW - 7	07/28/09	3787.40	60.05	N/D	0.00	
RW - 7	07/31/09	3787.40	60.05	N/D	0.00	
RW - 7	08/04/09	3787.40	60.04	N/D	0.00	
RW - 7	08/07/09	3787.40	60.06	N/D	0.00	
RW - 7	08/12/09	3787.40	60.06	N/D	0.00	
RW - 7	08/18/09	3787.40	60.16	N/D	0.00	
RW - 7	*08/21/09*	3787.40	60.57	N/D	0.00	
RW - 7	08/26/09	3787.40	60.15	N/D	0.00	
RW - 7	09/01/09	3787.40	60.07	N/D	0.00	
RW - 7	09/09/09	3787.40	60.09	N/D	0.00	

TABLE 1

2009 - GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
DARR ANGELL #2
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	09/15/09	3787.40	60.16	N/D	0.00	
RW - 7	09/21/09	3787.40	60.15	N/D	0.00	
RW - 7	09/28/09	3787.40	60.17	N/D	0.00	
RW - 7	10/05/09	3787.40	60.10	N/D	0.00	
RW - 7	10/12/09	3787.40	60.10	N/D	0.00	
RW - 7	10/27/09	3787.40	60.11	N/D	0.00	
RW - 7	11/02/09	3787.40	60.13	N/D	0.00	
RW - 7	11/09/09	3787.40	60.11	N/D	0.00	
RW - 7	11/16/09	3787.40	60.10	N/D	0.00	
RW - 7	11/23/09	3787.40	60.10	N/D	0.00	
RW - 7	*11/30/09*	3787.40	60.10	N/D	0.00	

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

ND = No Water detected during gauging of well.

TABLE 2

2009 - CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
DARR ANGELL #2
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-007

Results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8015M GRO/DRO		SW 846-8021B, 5030,8260b BTEX				
		GRO C_6-C_{12}	DRO >C_{12}-C_{28}	BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD Regulatory Limit				**0.01**	**0.75**	**0.75**	**0.62**	
MW - 1	02/20/09			Not Sampled on Current Sample Schedule				
MW - 1	05/29/09			Not Sampled on Current Sample Schedule				
MW - 1	08/21/09			Not Sampled on Current Sample Schedule				
MW - 1	11/30/09			<0.001	<0.001	<0.001	<.0.001	
MW - 2	02/20/09			Not Sampled Due to PSH in Well				
MW - 2	05/29/09			Not Sampled Due to PSH in Well				
MW - 2	08/21/09			Not Sampled Due to PSH in Well				
MW - 2	11/30/09	**12.7**	**465**	**3.67**	**3.63**	**0.705**	**2.88**	
MW - 3	02/20/09			**0.2900**	<0.005	<0.005	0.0196	
MW - 3	05/29/09			**0.0236**	<0.005	<0.005	<0.005	
MW - 3	08/21/09			**0.0337**	0.0082	0.0121	0.0197	
MW - 3	11/30/09			**0.0171**	<0.001	0.0045	0.0066	
MW - 4	02/20/09			Not Sampled on Current Sample Schedule				
MW - 4	05/29/09			<0.001	<0.001	<0.001	<0.001	
MW - 4	08/21/09			Not Sampled on Current Sample Schedule				
MW - 4	11/30/09			<0.001	<0.001	<0.001	<0.001	
MW - 6	02/20/09			Not Sampled on Current Sample Schedule				
MW - 6	05/29/09			Not Sampled on Current Sample Schedule				
MW - 6	08/21/09			Not Sampled on Current Sample Schedule				
MW - 6	11/30/09			<0.001	<0.001	<0.001	<0.001	
MW - 7	02/20/09			Not Sampled on Current Sample Schedule				
MW - 7	05/29/09			Not Sampled on Current Sample Schedule				
MW - 7	08/21/09			Not Sampled on Current Sample Schedule				
MW - 7	11/30/09			<0.001	<0.001	<0.001	<0.001	
MW - 8	02/20/09			Not Sampled on Current Sample Schedule				
MW - 8	05/29/09			Not Sampled on Current Sample Schedule				
MW - 8	08/21/09			Not Sampled on Current Sample Schedule				
MW - 8	11/30/09			<0.001	<0.001	<0.001	<0.001	
MW - 9	02/20/09			Not Sampled on Current Sample Schedule				
MW - 9	05/29/09			Not Sampled on Current Sample Schedule				
MW - 9	08/21/09			Not Sampled on Current Sample Schedule				
MW - 9	11/30/09			<0.001	<0.001	<0.001	<0.001	
MW - 10	02/20/09			Not Sampled on Current Sample Schedule				
MW - 10	05/29/09			Not Sampled on Current Sample Schedule				
MW - 10	08/21/09			Not Sampled on Current Sample Schedule				
MW - 10	11/30/09			<0.001	<0.001	<0.001	<0.001	
MW - 11	02/20/09			<0.001	<0.001	<0.001	<0.001	
MW - 11	05/29/09			<0.001	<0.001	<0.001	<0.001	
MW - 11	08/21/09			<0.001	<0.001	<0.001	<0.001	
MW - 11	11/30/09			<0.001	<0.001	<0.001	<0.001	

TABLE 2

2009 - CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
DARR ANGELL #2
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-007

Results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8015M GRO/DRO		SW 846-8021B, 5030,8260b BTEX				
		GRO C_6-C_{12}	DRO >C_{12}-C_{28}	BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD Regulatory Limit				**0.01**	**0.75**	**0.75**	**0.62**	
RW - 1	02/20/09			Not Sampled Due to PSH in Well				
RW - 1	05/29/09			Not Sampled Due to PSH in Well				
RW - 1	08/21/09			Not Sampled Due to PSH in Well				
RW - 1	11/30/09	**68.6**	**17.7**	**6.29**	**3.42**	**0.779**	**2.10**	
RW - 2	02/20/09			Not Sampled Due to PSH in Well				
RW - 2	05/29/09			Not Sampled Due to PSH in Well				
RW - 2	08/21/09			Not Sampled Due to PSH in Well				
RW - 2	11/30/09	**10.5**	**36.4**	**2.52**	**2.03**	**0.6270**	**2.14**	
RW - 3	02/20/09			Not Sampled Due to PSH in Well				
RW - 3	05/29/09			Not Sampled Due to PSH in Well				
RW - 3	08/21/09			Not Sampled Due to PSH in Well				
RW - 3	11/30/09	**17.8**	**500**	**4.02**	**2.67**	**0.827**	**2.34**	
RW - 4	02/20/09			Not Sampled Due to PSH in Well				
RW - 4	05/29/09			Not Sampled Due to PSH in Well				
RW - 4	08/21/09			Not Sampled Due to PSH in Well				
RW - 4	11/30/09	**19.6**	**14**	**6.31**	**1.28**	**0.892**	**1.43**	
RW - 5	02/20/09			Not Sampled Due to PSH in Well				
RW - 5	05/29/09			Not Sampled Due to PSH in Well				
RW - 5	08/21/09			Not Sampled Due to PSH in Well				
RW - 5	11/30/09	**10.4**	**28.2**	**6.68**	**1.86**	**0.902**	**1.29**	
RW - 6	02/20/09			Not Sampled Due to PSH in Well				
RW - 6	05/29/09			Not Sampled Due to PSH in Well				
RW - 6	08/21/09			Not Sampled Due to PSH in Well				
RW - 6	11/30/09	**25.6**	**17.1**	**6.58**	**2.46**	**0.916**	**2.26**	
RW - 7	02/20/09			Not Sampled Due to PSH in Well				
RW - 7	05/29/09			Not Sampled Due to PSH in Well				
RW - 7	08/21/09			Not Sampled Due to PSH in Well				
RW - 7	11/30/09			Not Sampled Due to Insufficient Water in Well				

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

TABLE 3

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
DARR ANGELL #2
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-007

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Naphthalene	Phenanthrene	Pyrene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		–	–	–	**0.0001 mg/L**	**0.0007 mg/L**	**0.0002 mg/L**	–	**0.0002 mg/L**	**0.0002 mg/L**	**0.0003 mg/L**	–	–	**0.0004 mg/L**	**0.03 mg/L**	–	–	**0.03 mg/L**		–
MW-1	12/01/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
	11/30/09	<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
MW-2	12/01/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.178	<0.000183	**0.704**	0.230	<0.000183	**1.68**	**2.31**	0.130
	11/30/09	<0.0229	<0.0229	<0.0229	<0.0229	<0.0229	<0.0229	<0.0229	<0.0229	<0.0229	<0.0229	<0.0229	0.755	<0.0229	**2.89**	1.04	<0.0229	**7.25**	**9.78**	0.524
MW-3	12/01/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.00126	<0.000183	**0.0426**	0.00103	<0.000183	0.0260	<0.000183	0.0014
	11/30/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00155	<0.000184	0.0238	0.00134	<0.000184	**0.0306**	<0.000184	0.00145
MW-4	12/01/08	Insufficient Water Volume to Sample																		
	11/30/09	<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	0.00118	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-6	12/01/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
	11/30/09	<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
MW-7	12/01/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
	11/30/09	<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
MW-8	12/01/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
	11/30/09	<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
MW-9	12/01/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
	11/30/09	<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
MW-10	12/01/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
	11/30/09	<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
MW-11	12/01/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
	11/30/09	<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

TABLE 3

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
DARR ANGELL #2
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-007

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																	
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Naphthalene	Phenanthrene	Pyrene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		–	–	–	**0.0001 mg/L**	**0.0007 mg/L**	**0.0002 mg/L**	–	**0.0002 mg/L**	**0.0002 mg/L**	**0.0003 mg/L**	–	–	**0.0004 mg/L**	**0.03 mg/L**	–	–	**0.03 mg/L**		–
RW-1	12/01/08	<0.00459	<0.00459	<0.00459	<0.00459	<0.00459	<0.00459	<0.00459	<0.00459	<0.00459	<0.00459	<0.00459	0.274	<0.00459	**1.01**	0.346	<0.00459	**2.42**	**3.20**	0.208
	11/30/09	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.0117	<0.000922	**0.102**	0.0134	<0.000922	**0.118**	**0.154**	0.00842
RW-2	12/01/08	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	0.0507	<0.00184	**0.224**	0.0569	<0.00184	**0.410**	**0.526**	0.0350
	11/30/09	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.0254	<0.000922	**0.157**	0.0322	<0.000922	**0.266**	**0.347**	0.0178
RW-3	12/02/08	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.0447	<0.000922	**0.203**	0.0523	<0.000922	**0.362**	**0.480**	0.0309
	11/30/09	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.0114	<0.000922	**0.113**	0.0132	<0.000922	**0.128**	**0.164**	0.0101
RW-4	12/02/08	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	0.173	<0.00183	**0.637**	0.216	<0.00183	**1.58**	**2.14**	0.122
	11/30/09	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.0263	<0.000922	**0.169**	0.0337	<0.000922	**0.276**	**0.367**	0.0184
RW-5	12/01/08	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.0938	<0.000922	**0.283**	0.117	<0.000922	**0.835**	**0.910**	0.0654
	11/30/09	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.0201	<0.000922	**0.147**	0.0284	<0.000922	**0.217**	**0.295**	0.0155
RW-6	12/02/08	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	0.188	<0.00183	**0.693**	0.244	<0.00183	**1.77**	**2.44**	0.138
	11/30/09	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.0352	<0.000922	**0.20**	0.0492	<0.000922	**0.36**	**0.481**	0.0253
RW-7	12/02/08	Insufficient Water Volume to Sample																		
	11/30/09	Insufficient Water Volume to Sample																		

Appendices

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

(505) 334-6178

District IV (505) 827-7131

2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Dar Angell #2

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

Release Notification and Corrective Action

OPERATOR

☑ Initial Report ☐ Final Report

Name: EOTT Energy Pipeline	Contact: Lennah FROST
Address: PO Box 1660 Midland Tx 79702	Telephone No. 915/6843467
Facility Name: Denton Gathering	Facility Type: 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
	14	15-S	37-E					Lea

NATURE OF RELEASE

Type of Release: Crude oil	Volume of Release: 60 bbl	Volume Recovered: 0
Source of Release: Pipeline Leak	Date and Hour of Occurrence: unknown	Date and Hour of Discovery: 7/29/99 4pm
Was Immediate Notice Given? ☑ Yes ☐ No ☐ Not Required	If YES, To Whom? Linda - Hobbs OCD	
By Whom? ~~Lennah FROST~~ Jim Henry	Date and Hour: 7/30/99 2:30pm	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully. (Attach Additional Sheets If Necessary)

Describe Cause of Problem and Remedial Action Taken. (Attach Additional Sheets If Necessary)
external corrosion - pipe will be replaced

Describe Area Affected and Cleanup Action Taken. (Attach Additional Sheets If Necessary)
will evaluate once the pipe has been replaced - probable treat on site

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

Signature: Lennah Frost	**OIL CONSERVATION DIVISION**
Printed Name: Lennah FROST	Approved by District Supervisor:
Title: Sr Env. Engineer	Approval Date: / Expiration Date:
Date: 8-3-99 Phone: 915/6843467	Conditions of Approval: / Attached ☐