AP - 7

Darr Angell #1

ANNUAL MONITORING REPORT

YEAR(S):

2010

PLAINS
ALL AMERICAN

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MAR 29 2011

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

March 23, 2011

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

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

Dear Mr. Hansen:

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

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

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

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

Sincerely,

Jason Henry
Remediation Coordinator
Plains All American

CC: Geoff Leking, NMOCD, Hobbs, NM

Enclosures

2010
ANNUAL MONITORING REPORT

DARR ANGELL #1
LEA COUNTY, NEW MEXICO
NW ¼ SE ¼ SECTION 11, TOWNSHIP 15 SOUTH, RANGE 37 EAST
PLAINS SRS #: DARR ANGELL 1
NMOCD REFERENCE NUMBER AP-007

Prepared For:

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

NOVA
safety and environmental

Prepared By:

NOVA Safety and Environmental
2057 Commerce Street
Midland, Texas 79703

March 2010

Ronald K. Rounsaville
Senior Project Manager

Brittan K. Byerly, P.G.
President

TABLE OF CONTENTS

INTRODUCTION

On behalf of Plains Marketing, L.P. (Plains), NOVA Safety and Environmental (NOVA) is pleased to submit this Annual Monitoring Report in compliance with the New Mexico Oil Conservation Division (NMOCD) letter of May 1998, requiring submittal of an Annual Monitoring Report by April 1 of each year. Beginning on May 29, 2004, project management responsibilities were assumed by NOVA. The Darr Angell #1 Pipeline Release Site (the site), which was formerly 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. The 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 enclosed electronically. 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. Monitor wells containing a thickness of PSH greater than 0.01 foot were sampled as per a NMOCD directive.

SITE DESCRIPTION AND BACKGROUND INFORMATION

The legal description of the site is NW ¼ SE ¼ Section 11, Township 15 South, Range 37 East. The release was discovered by EOTT employees and reported on May 1, 1997. According to the release report, an estimated 25 barrels of crude oil was released and 15 barrels were recovered during initial response actions. The release occurred from an 8-inch EOTT pipeline and was attributed to internal pipeline corrosion. The Release Notification and Corrective Action Form (C-141) is provided as Appendix A.

Currently, there are twenty-one groundwater monitor wells (MW-1 through MW-21) and eleven product recovery wells (RW-1 through RW-11) on-site. An automated recovery system is currently operating on site. Monitor wells MW-1, MW-5, MW-9 and recovery wells RW-1, RW-2 through RW-9 and RW-11 use a total fluid pump for PSH recovery. Monitor and recovery wells exhibiting PSH, but not part of the automated recovery system, were recovered manually. Recovered product from the manually recovered wells was placed in one of the two storage frac tanks located on-site. Recovered product was periodically transported to the 34 Junction South Station facility for reinjection to the Plains Pipeline system. Recovered groundwater contained in the storage tanks was transported to a licensed disposal facility.

FIELD ACTIVITIES

Product Recovery Efforts

A measurable thickness of PSH was recorded on nineteen monitor and recovery wells during the reporting period. The average thickness of PSH in recovery wells containing PSH during 2010 was 2.22 feet. A maximum PSH thickness of 8.22 feet was reported in monitor well MW-5 on

August 23, 2010. Approximately 435 gallons (10.4 barrels) of PSH were recovered from the site during the 2010 reporting period. A total of approximately 55,054 gallons (1,311 barrels) of PSH has been recovered since the start of product recovery. Measurable thicknesses of PSH are recorded in Table 1 and Figures 3A through 3D.

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 in NMOCD correspondences dated June 20, 2005 and April 11, 2006.

NMOCD Approved Sampling Schedule					
MW-1	Quarterly	MW-12	Quarterly	RW-1	Quarterly
MW-2	Quarterly	MW-13	Quarterly	RW-2	Quarterly
MW-3	Quarterly	MW-14	Quarterly	RW-3	Quarterly
MW-4	Annually	MW-15	Annually	RW-4	Quarterly
MW-5	Quarterly	MW-16	Annually	RW-5	Quarterly
MW-6	Quarterly	MW-17	Quarterly	RW-6	Quarterly
MW-7	Semi-Annually	MW-18	Annually	RW-7	Quarterly
MW-8	Quarterly	MW-19	Quarterly	RW-8	Quarterly
MW-9	Quarterly	MW-20	Annually	RW-9	Quarterly
MW-10	Quarterly	MW-21	Quarterly	RW10	Quarterly
MW-11	Annually			RW-11	Quarterly

The site monitor wells were gauged and sampled on February 16, May 26, August 23, and November 22, 2010. During each sampling event, sampled monitor wells were purged a minimum of three well volumes of water or until the wells failed to produce water using a PVC bailer or electric Grundfos pump. Groundwater was allowed to recharge and samples were collected using disposable Teflon samplers. Water samples were placed in clean glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of at a licensed disposal facility.

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

The most recent Inferred Groundwater Gradient Map, Figure 2D, indicates a general gradient of approximately 0.008 feet/foot to the southeast as measured between groundwater monitor wells MW-4 and MW-21. This is consistent with data presented on Figures 2A through 2C from earlier in the year. The corrected groundwater elevation has ranged between 3,722.24 and 3,728.72 feet above mean sea level, in recovery well RW-6 on May 26, 2010 and monitor well MW-4 on January 11, 2010, respectively.

LABORATORY RESULTS

Monitor wells MW-1, MW-5, MW-8 through MW-10, MW-13, MW-14 and all recovery wells (RW-1 through RW-11) contained measurable PSH throughout the reporting period and were not sampled during the four quarters of 2010. Monitor well MW-2 contained measurable PSH during three separate gauging events during the 1st, 2nd and 3rd quarters of 2010.

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

Monitor well MW-1 is monitored on a quarterly schedule. Monitor well MW-1 was not sampled during the 1st, 2nd, 3rd and 4th quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 1.39 feet, 6.71 feet, 6.52 feet and 6.27 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2010, respectively. PAH analysis was not conducted during the 4th quarter sampling event, due to the presence of PSH.

Monitor well MW-2 is monitored on a quarterly schedule. Monitor well MW-2 was not sampled during the 2nd, 3rd and 4th quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 0.06 feet, 0.03 feet and 0.03 feet were reported during the 2nd, 3rd and 4th quarters of 2010, respectively. Benzene concentrations were above the NMOCD regulatory standard during the 1st quarter of the reporting period with a concentration of 0.056 mg/L. Toluene concentrations were below NMOCD regulatory standards during the 1st quarter of the reporting period with a concentration of <0.010 mg/L. Ethyl-benzene concentrations were below NMOCD regulatory standards during the 1st quarter of the reporting period with a concentration of 0.400 mg/L. Xylene concentrations were below NMOCD regulatory standards during the 1st quarter of the reporting period with a concentration of 0.434 mg/L. PAH analysis was not conducted during the 4th quarter sampling event, due to the presence of PSH.

Monitor well MW-3 is monitored on a quarterly schedule. Analytical results indicate benzene concentrations ranged from 0.0290 mg/L during the 3rd quarter to 0.1730 mg/L during the 1st quarter. Benzene concentrations were above the NMOCD regulatory standard during all four quarters of the reporting period. Toluene concentrations ranged from 0.0210 mg/L during the 3rd quarter to 0.390 mg/L during the 1st quarter. Toluene concentrations were below the NMOCD regulatory standards during all four quarters of the reporting period. Ethyl-benzene concentrations ranged from 0.353 mg/L during the 4th quarter to 0.587 mg/L during the 1st quarter of 2010. Ethyl-benzene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from 0.864 mg/L during

the 2nd quarter to 1.550 mg/L during the 1st quarter of 2010. Xylene concentrations were above NMOCD regulatory standards during all four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for naphthalene (0.0673 mg/L), 1-methylnaphthalene (0.0915 mg/L) and 2-methylnaphthalene (0.115 mg/L). Additional PAH constituents detected above MDLs include fluorene (0.00899 mg/L), phenanthrene (0.0136 mg/L) and dibenzofuran (0.00579 mg/L), which are below WQCC standards.

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

Monitor well MW-5 is monitored on a quarterly schedule. Monitor well MW-5 was not sampled during the 1st, 2nd, 3rd and 4th quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 4.50 feet, 8.08 feet, 8.22 feet and 8.08 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2010, respectively. PAH analysis was not conducted during the 4th quarter sampling event, due to the presence of PSH.

Monitor well MW-6 is monitored on a quarterly schedule. Analytical results indicate benzene concentrations ranged from 0.763 mg/L during the 2nd quarter to 1.100 mg/L during the 1st quarter. Benzene concentrations were above the NMOCD regulatory standard during all four quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of the reporting period. Ethyl-benzene concentrations ranged from <0.020 mg/L during the 1st quarter to 0.1230 mg/L during the 3rd quarter of 2010. Ethyl-benzene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from 0.0955 mg/L during the 2nd quarter to 0.253 mg/L during the 3rd quarter of 2010. Xylene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-7 is sampled on a semi-annual schedule and was inadvertently sampled during the 3rd quarter of 2010. Analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the 2nd, 3rd and 4th quarter sampling events. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-8 is monitored on a quarterly schedule. Monitor well MW-8 was not sampled during the 1st, 2nd, 3rd and 4th quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 0.54 feet, 1.14 feet, 0.54 feet and 1.58 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2010, respectively. PAH analysis was not conducted during the 4th quarter sampling event, due to the presence of PSH.

Monitor well MW-9 is monitored on a quarterly schedule. Monitor well MW-9 was not sampled during the 1st, 2nd, 3rd and 4th quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 1.31 feet, 7.08 feet, 6.95 feet and 6.95 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2010, respectively. PAH analysis was not conducted during the 4th quarter sampling event, due to the presence of PSH.

Monitor well MW-10 is monitored on a quarterly schedule. Monitor well MW-10 was not sampled during the 1st, 2nd, 3rd and 4th quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 1.68 feet, 1.27 feet, 0.80 feet and 2.27 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2010, respectively. PAH analysis was not conducted during the 4th quarter sampling event, due to the presence of PSH.

Monitor well MW-11 is sampled on an annual schedule. Monitor well MW-11 was not sampled during the 4th quarter sampling event due to insufficient groundwater volume within the well for sampling.

Monitor well MW-12 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 4th quarter to 0.156 mg/L during the 1st quarter of 2010. Benzene concentrations were above NMOCD regulatory standards during the 1st and 2nd quarters of the reporting period. Toluene, ethylbenzene and xylene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of the reporting period. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-13 is monitored on a quarterly schedule. Monitor well MW-13 was not sampled during the 1st, 2nd, 3rd and 4th quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 1.74 feet, >2.00 feet, >2.00 feet and >2.00 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2010, respectively. PAH analysis was not conducted during the 4th quarter sampling event, due to the presence of PSH.

Monitor well MW-14 is monitored on a quarterly schedule. Monitor well MW-14 was not sampled during the 1st, 2nd, 3rd and 4th quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 2.52 feet, >3.00 feet, >3.00 feet and >3.00 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2010, respectively. PAH analysis was not conducted during the 4th quarter sampling event, due to the presence of PSH.

Monitor well MW-15 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. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-16 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the 4th quarter sampling event. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-17 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during all four quarters of the reporting period. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-18 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. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-19 is currently sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during all four quarters of the reporting period. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-20 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. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-21 is currently sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during all four quarters of the reporting period. PAH analysis was not conducted during the 4th quarter sampling event.

Recovery well RW-1 is monitored on a quarterly schedule. Recovery well RW-1 was not sampled during the 1st, 2nd, 3rd and 4th quarters of the reporting period, due to the presence of PSH. PSH thicknesses of >2.00 feet, >2.00 feet, >2.00 feet and >2.00 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2010, respectively. PAH analysis was not conducted during the 4th quarter sampling event, 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 1st, 2nd, 3rd and 4th quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 0.02 feet, 6.25 feet, 5.32 feet and 5.14 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2010, respectively. PAH analysis was not conducted during the 4th quarter sampling event, 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 1st, 2nd, 3rd and 4th quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 0.60 feet, 1.53 feet, 0.72 feet and 0.73 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2010, respectively. PAH analysis was not conducted during the 4th quarter sampling event, 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 1st, 2nd, 3rd and 4th quarters of the reporting period, due to the presence of PSH. PSH thicknesses of a sheen, 6.82 feet, 6.14 feet and 5.98 feet were reported during the 1st,

2nd, 3rd and 4th quarters of 2010, respectively. PAH analysis was not conducted during the 4th quarter sampling event, due to the presence of PSH.

Recovery well RW-5 is monitored on a quarterly schedule. Recovery well RW-5 was not sampled during the 1st, 2nd, 3rd and 4th quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 3.56 feet, 5.92 feet, 6.96 feet and 6.88 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2010, respectively. PAH analysis was not conducted during the 4th quarter sampling event, due to the presence of PSH.

Recovery well RW-6 is monitored on a quarterly schedule. Recovery well RW-6 was not sampled during the 1st, 2nd, 3rd and 4th quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 4.91 feet, 0.71 feet, 5.01 feet and 4.89 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2010, respectively. PAH analysis was not conducted during the 4th quarter sampling event, due to the presence of PSH.

Recovery well RW-7 is monitored on a quarterly schedule. Recovery well RW-7 was not sampled during the 1st, 2nd, 3rd and 4th quarters of the reporting period, due to the presence of PSH. PSH thicknesses of a sheen, 5.57 feet, 5.57 feet and 5.57 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2010, respectively. PAH analysis was not conducted during the 4th quarter sampling event, 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 1st, 2nd, 3rd and 4th quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 7.19 feet, 6.95 feet, 6.87 feet and 6.84 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2010, respectively. PAH analysis was not conducted during the 4th quarter sampling event, 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 1st, 2nd, 3rd and 4th quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 1.32 feet, 4.09 feet, 4.50 feet and 4.47 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2010, respectively. PAH analysis was not conducted during the 4th quarter sampling event, 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 1st, 2nd, 3rd and 4th quarters of the reporting period, due to the presence of PSH. PSH thicknesses of a sheen, 5.54 feet, 4.92 feet and 4.81 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2010, respectively. PAH analysis was not conducted during the 4th quarter sampling event, 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 1st, 2nd, 3rd and 4th quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 2.96 feet, 5.71 feet, 6.99 feet and 6.82 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2010, respectively. PAH analysis was not conducted during the 4th quarter sampling event, due to the presence of PSH.

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

SUMMARY

This report presents the results of monitoring activities for the 2010 annual monitoring period. Twenty-one groundwater monitor wells (MW-1 through MW-21) and eleven product recovery wells (RW-1 through RW-11) are currently on-site. An automated recovery system operated on-site during the 2010 reporting period. Monitor wells MW-1, MW-5, MW-9 and recovery wells RW-1, RW-2, RW-4 through RW-9 and RW-11 use a total fluid pump for PSH recovery. Monitor and recovery wells exhibiting PSH, but not a part of the automated recovery system, were recovered manually. The most recent Inferred Groundwater Gradient Map, Figure 2D, indicates a general gradient of approximately 0.008 feet/foot to the southeast.

Monitor wells MW-1, MW-5, MW-8 through MW-10, MW-13, MW-14 and all recovery wells (RW-1 through RW-11) contained measurable PSH and were not sampled during the four quarters of the reporting period. Monitor wells MW-11 was not sampled during the 4th quarter due to the lack of sufficient water volume in the wells.

Eighteen monitor and recovery wells contained measurable thicknesses of PSH during the reporting period. Approximately 435 gallons (10.4 barrels) of PSH was recovered from the site during the 2010 reporting period. A total of approximately 55,054 gallons (1,311 barrels) of PSH has been recovered since the start of product recovery.

The average thickness of PSH in recovery wells containing PSH during 2010 was 2.22 feet. In comparison, the average thickness of PSH in recovery wells containing PSH during 2009 was 2.37 feet. A maximum PSH thickness of 8.22 feet reported in monitor well MW-5 on August 23, 2010. Data indicates that the operation of the automated recovery system at the Darr Angell #1 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 2010 monitoring period indicate the BTEX constituent concentrations are below applicable NMOCD standards in nine of the thirty-two monitor and recovery wells currently on-site. The remaining twenty-three 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 2010. Dissolved phase impact appears to be limited to monitor wells MW-3, MW-6 and MW-12 and to those monitor and recovery wells which exhibit PSH. Review of PAH analysis indicates an increasing trend in constituent concentrations in monitor well MW-3.

ANTICIPATED ACTIONS

Groundwater monitoring, weekly product recovery, automated system maintenance and optimization will continue through 2011. An Annual Monitoring Report will be submitted to the NMOCD before April 1, 2012.

Based on the results of the PAH analysis over the past several years, further PAH analysis be conducted only on those monitor wells (MW-2 and 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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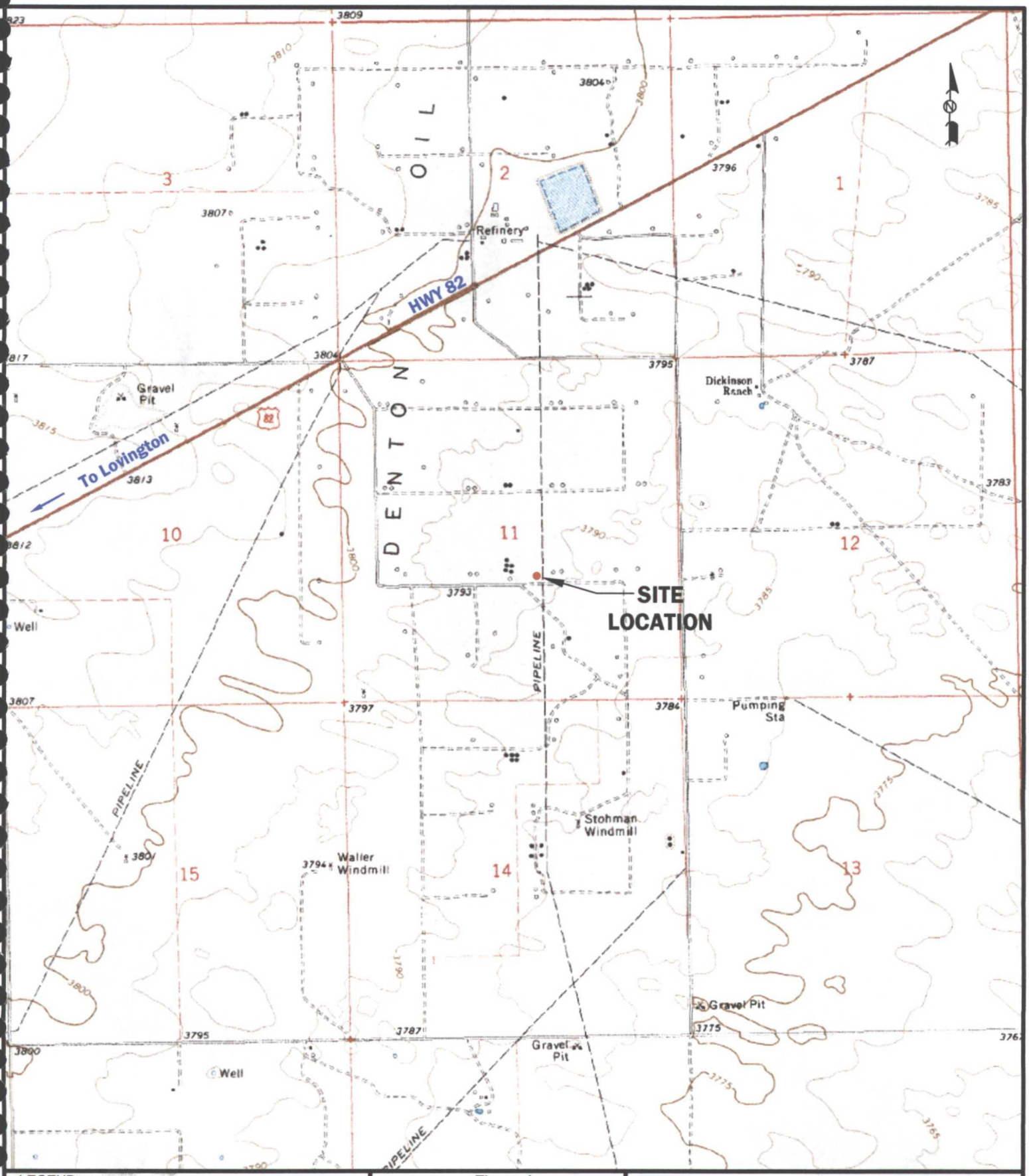
Figures



LEGEND:

2000 1000 0 1000 2000

Distance in Feet

Figure 1

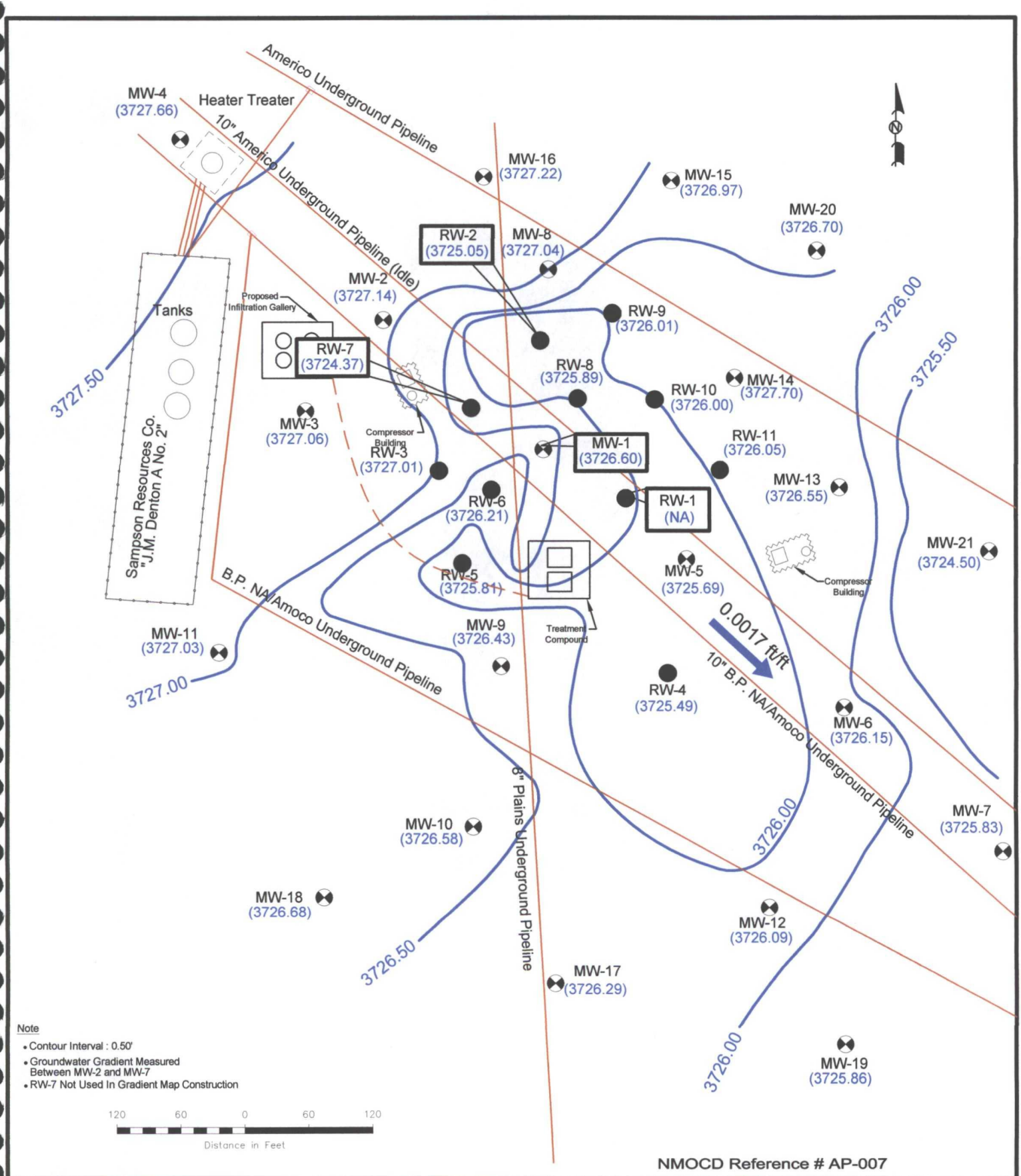
Site Location Map
Plains Marketing, L.P.
Darr Angell # 1
Lea County, NM

NOVA safety and environmental

2057 Commerce Drive
Midland, Texas 79703
432.520.7720

www.novasafetyandenvironmental.com

February 4, 2011	Scale: 1" = 2000'	CAD By: TA	Checked By: RKR
Lat. N 33° 1' 47.54" Long. W 103° 10' 9.38"			



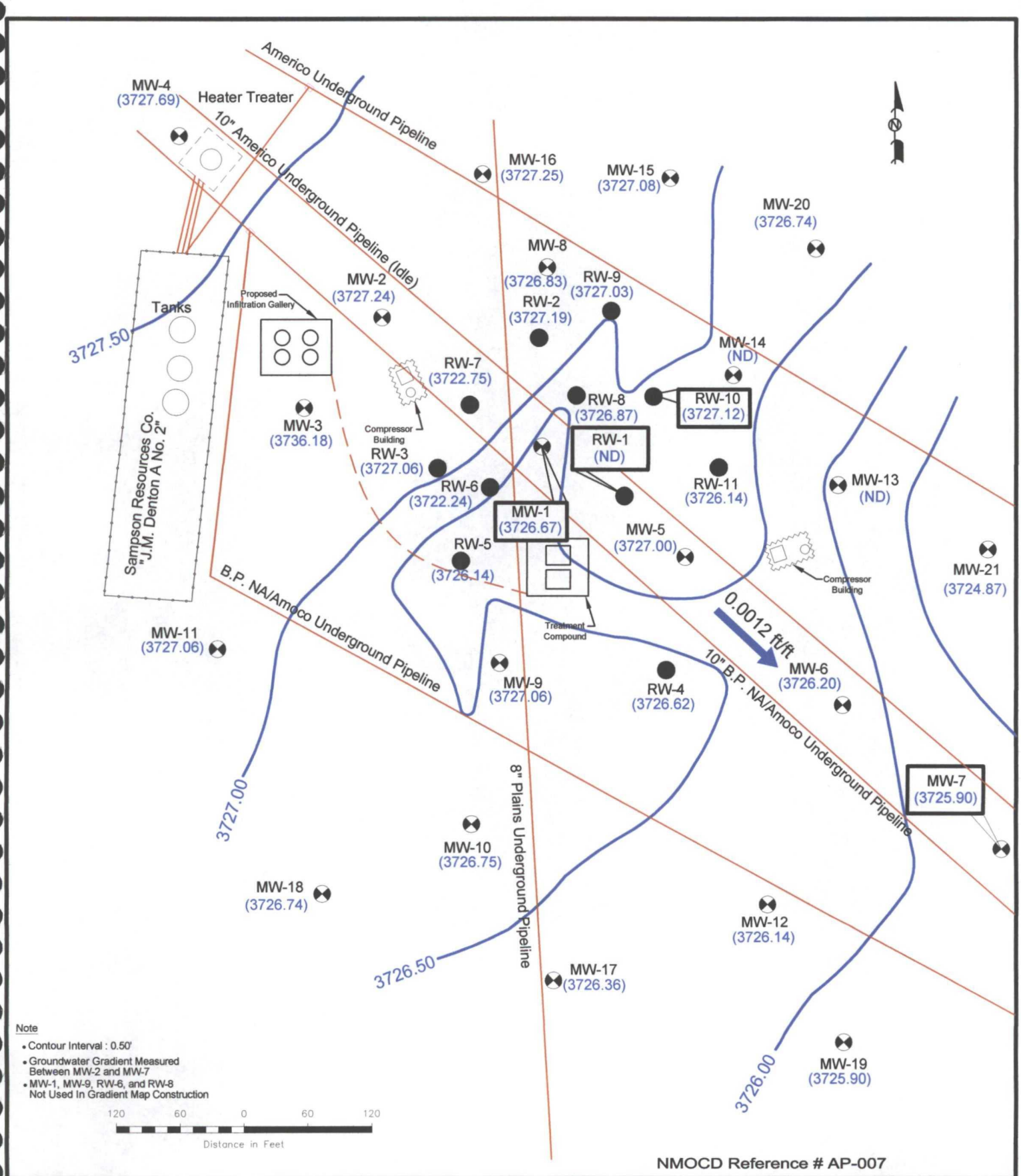
LEGEND:

- Monitor Well Location
- Recovery Well Location
- Product/Recovery Line
- Pipeline
- Groundwater Elevation Contour Line
- 0.001 ft/ft Groundwater Gradient and Magnitude
- (3728.80) Groundwater Elevation (feet)
- Bermed Containment Area
- Shed
- Poly Tank
- N/W No Groundwater Encountered

Figure 2A
Inferred Groundwater Gradient Map
(02/16/2010)
Plains Marketing, L.P.
Darr Angell #1
Lea County, NM

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

NW1/4 SE1/4 Sec 11 T15S R37E		33° 01' 36.0"N 103° 10' 00.7"W
Scale: 1"=120'	CAD By: SAT	Checked By: RKR
May 18, 2010		



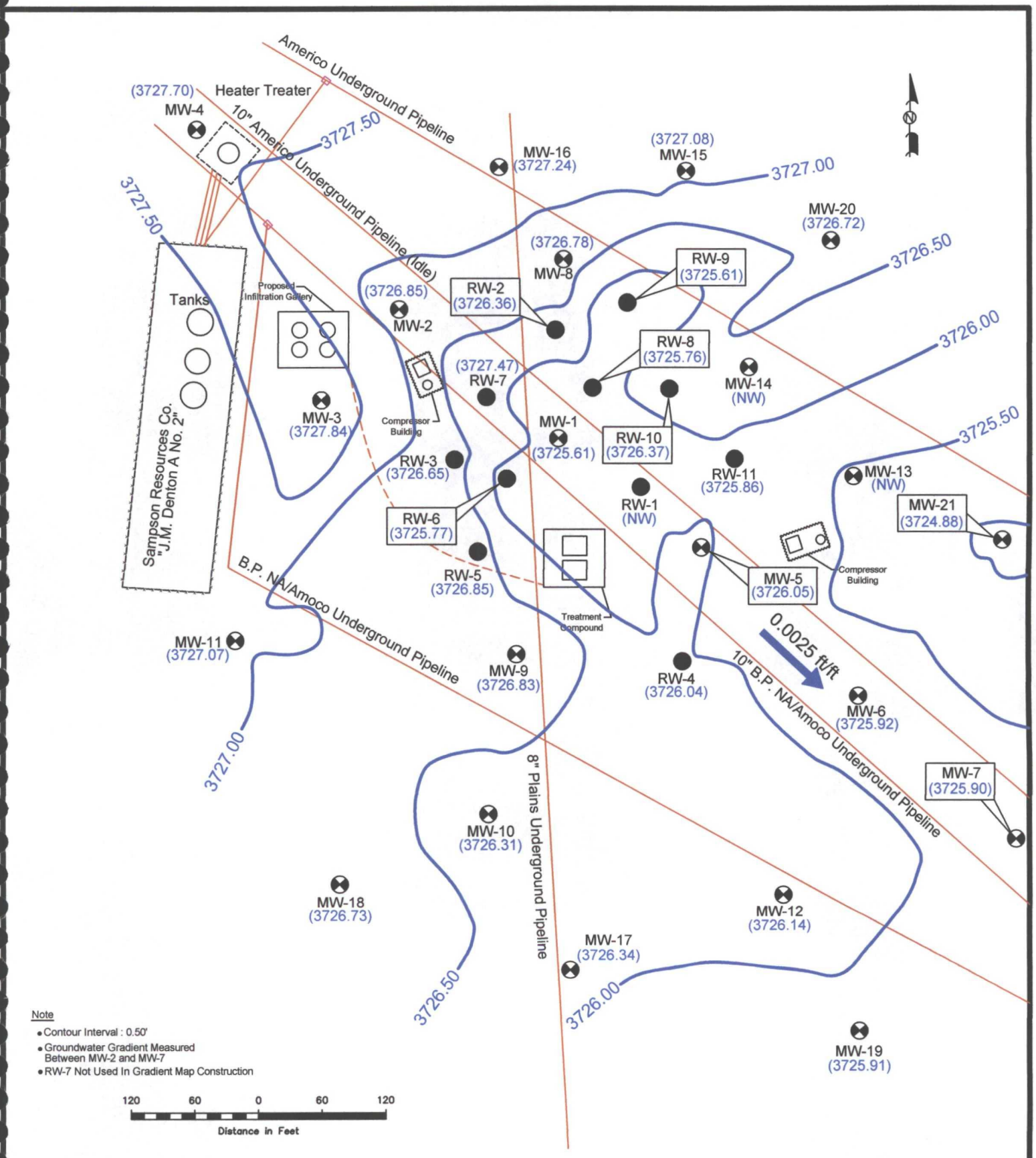
LEGEND:

- Monitor Well Location
- Recovery Well Location
- Product/Recovery Line
- Pipeline
- Groundwater Elevation Contour Line
- 0.001 ft/ft Groundwater Gradient and Magnitude
- (3728.80) Groundwater Elevation (feet)
- Bermed Containment Area
- Shed
- Poly Tank
- N/W No Groundwater Encountered

Figure 2B
Inferred Groundwater Gradient Map
(05/26/10)
Plains Marketing, L.P.
Darr Angell #1
Lea County, NM

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

NW1/4 SE1/4 Sec 11 T15S R37E		33° 01' 36.0"N 103° 10' 00.7"W
Scale: 1"=120'	CAD By: SAT	Checked By: RKR
June 16, 2010		



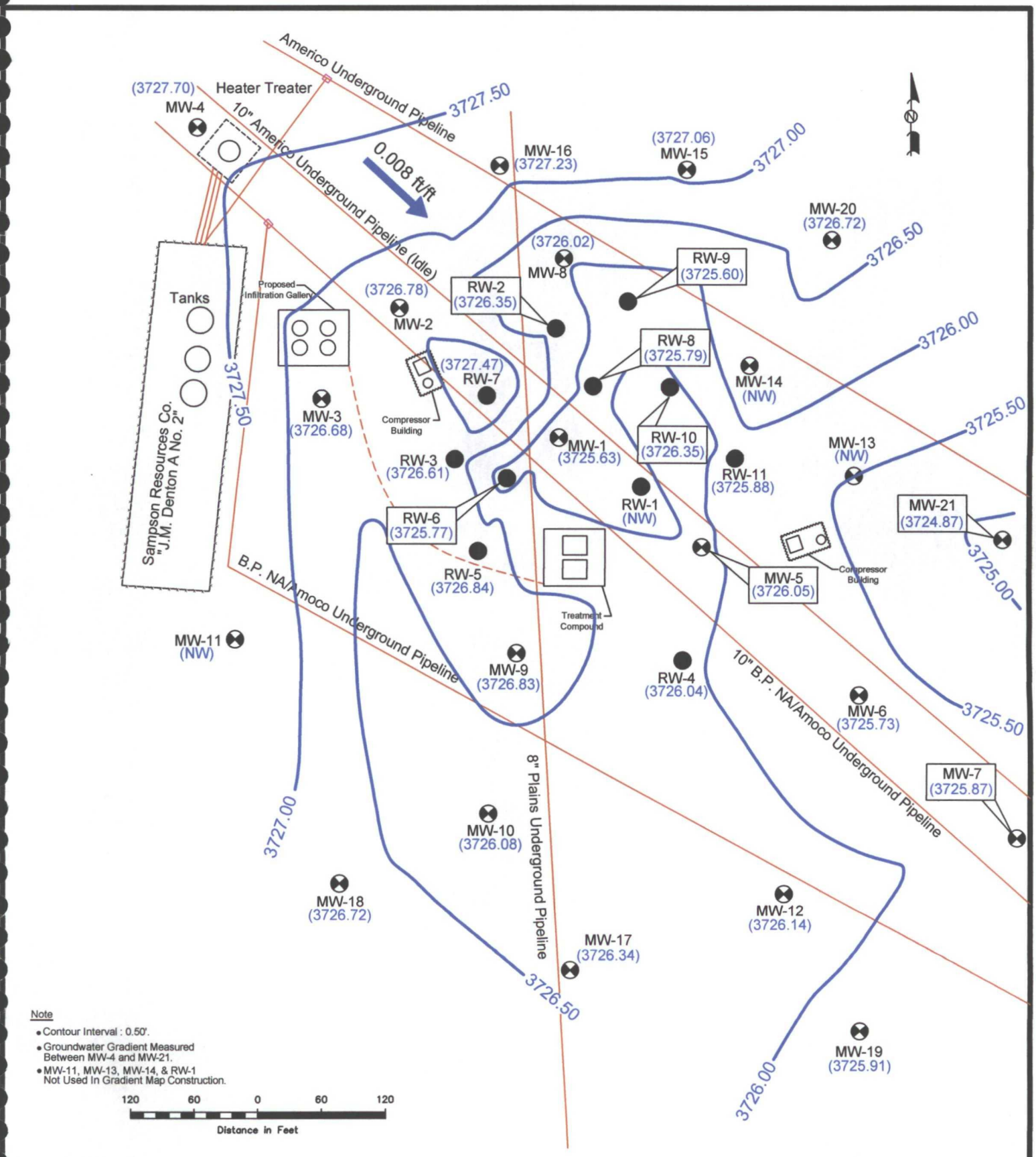
LEGEND:

- Monitor Well Location
- Recovery Well Location
- Product/Recovery Line
- Pipeline
- Groundwater Elevation Contour Line
- 0.001 ft/ft Groundwater Gradient and Magnitude
- (3728.80) Groundwater Elevation (feet)
- Bermed Containment Area
- Shed
- Poly Tank
- N/W No Groundwater Encountered

Figure 2C
Inferred Groundwater Gadient Map
(8-23-10)
Plains Marketing, L.P.
Darr Angell #1
Lea County, NM

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

September 23, 2010	Scale: 1" = 120'	CAD By: TA	Checked By: RKR
33° 01' 36.0"N 103° 10' 00.7"W			NW1/4 SE1/4 Sec 11 T15S R37E



Note

- Contour Interval : 0.50'.
- Groundwater Gradient Measured Between MW-4 and MW-21.
- MW-11, MW-13, MW-14, & RW-1 Not Used In Gradient Map Construction.

LEGEND:

- Monitor Well Location (3728.80) Groundwater Elevation (feet)
- Recovery Well Location — Bermed Containment Area
- Product/Recovery Line — Shed
- Pipeline — Poly Tank
- Groundwater Elevation Contour Line — No Groundwater Encountered (N/W)
- 0.001 ft/ft Groundwater Gradient and Magnitude

Figure 2D
Inferred Groundwater Gadient Map
(11-22-10)
Plains Marketing, L.P.
Darr Angell #1
Lea County, NM

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January 5, 2011	Scale: 1" = 120'	CAD By: TA	Checked By: RKR
33° 01' 36.0"N 103° 10' 00.7"W			NW1/4 SE1/4 Sec 11 T15S R37E

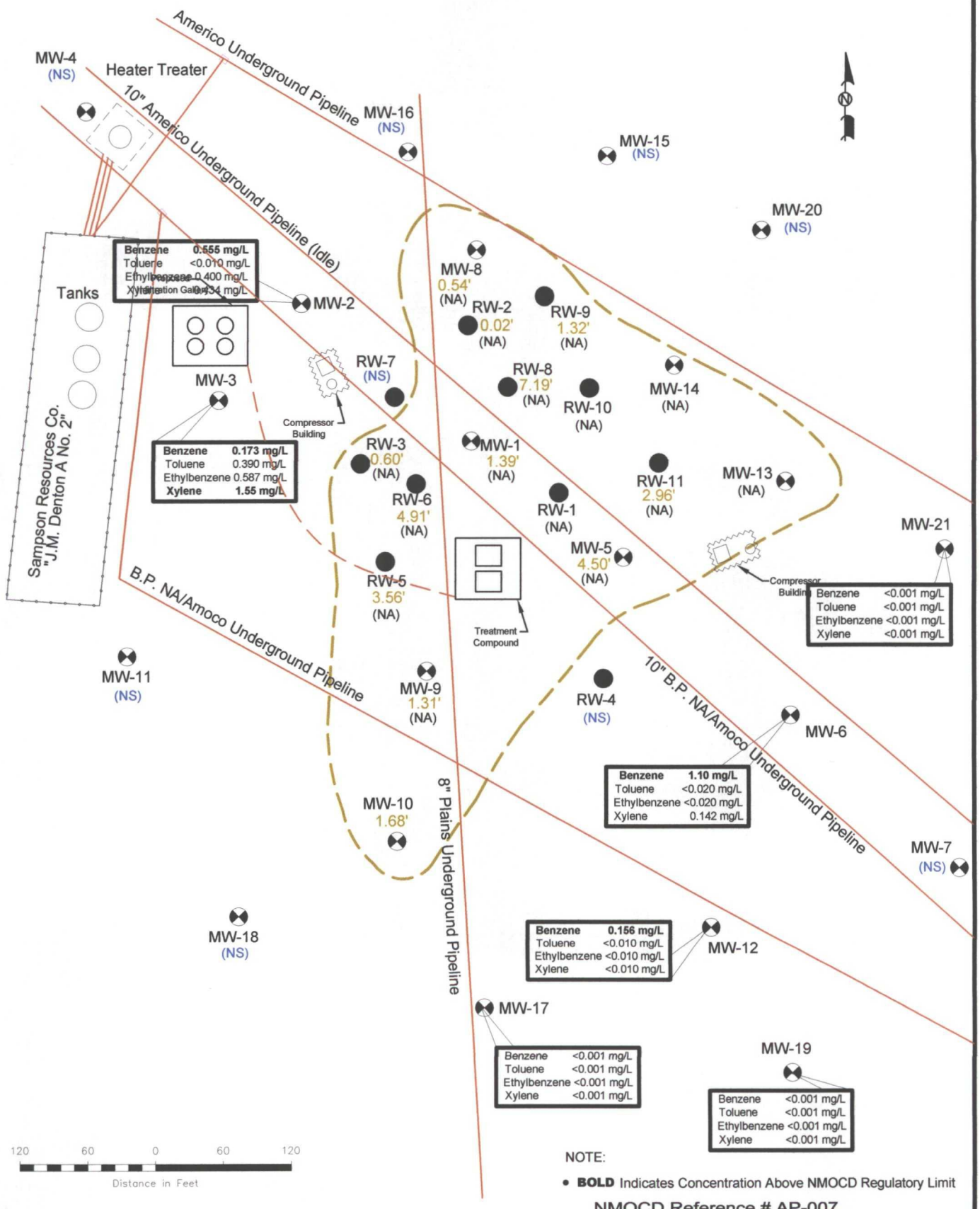

Figure 3A
Groundwater Concentration and Inferred PSH Extent Map (02/16/2010)
Plains Marketing, L.P.
Darr Angell #1
Lea County, NM

NOVA safety and environmental
2057 Commerce Drive
Midland, Texas 79703
432.520.7720
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NW1/4 SE1/4 Sec 11 T15S R37E		33° 01' 36.0"N 103° 10' 00.7"W
Scale: 1"=120'	CAD By: SAT	Checked By: RKR
May 19, 2010		

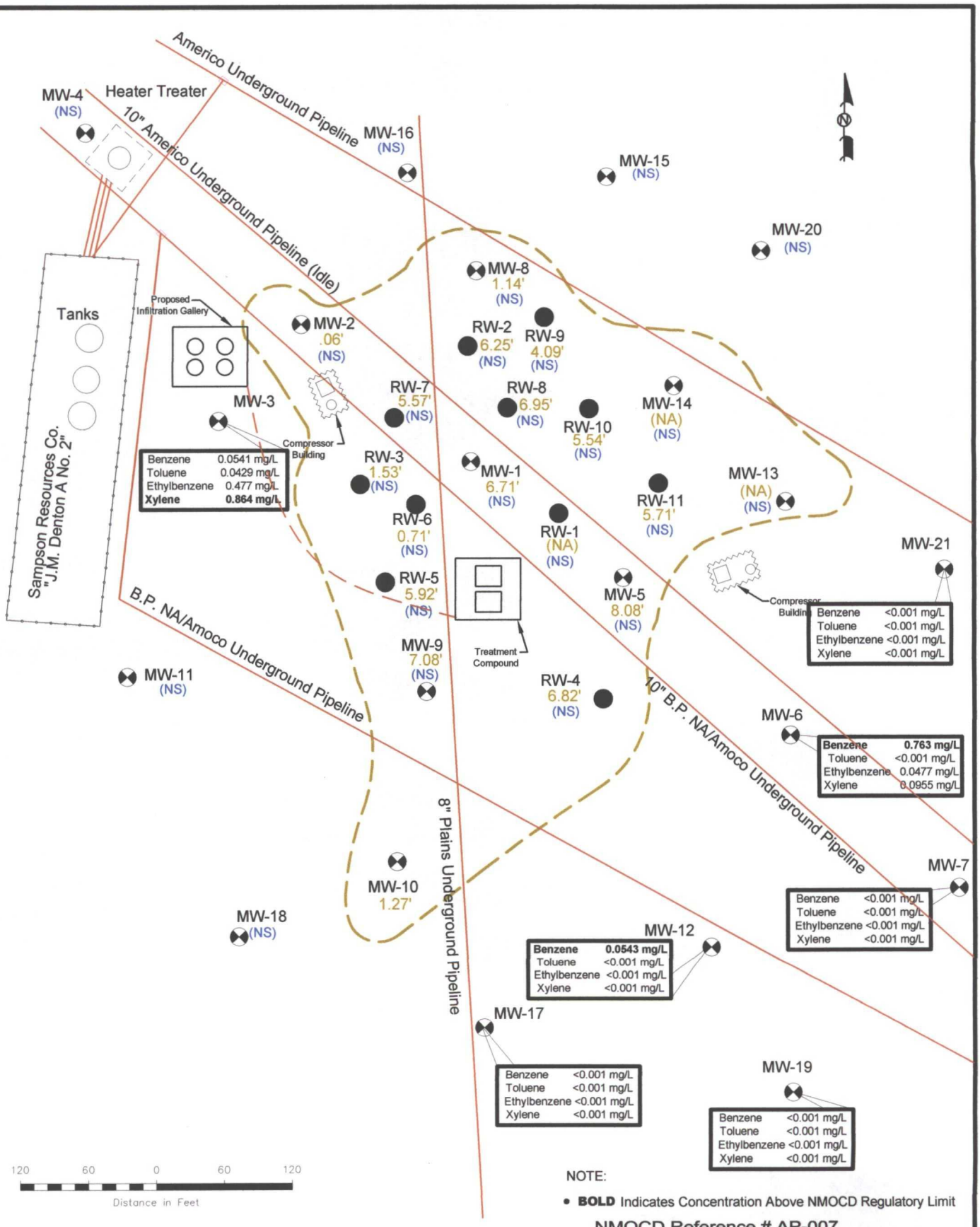


Figure 3B
Groundwater Concentration and Inferred PSH Extent Map (05/26/10)
Plains Marketing, L.P.
Darr Angell #1
Lea County, NM

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

NW1/4 SE1/4 Sec 11 T15S R37E		33° 01' 36.0"N 103° 10' 00.7"W
Scale: 1"=120'	CAD By: SAT	Checked By: RKR
June 16, 2010		

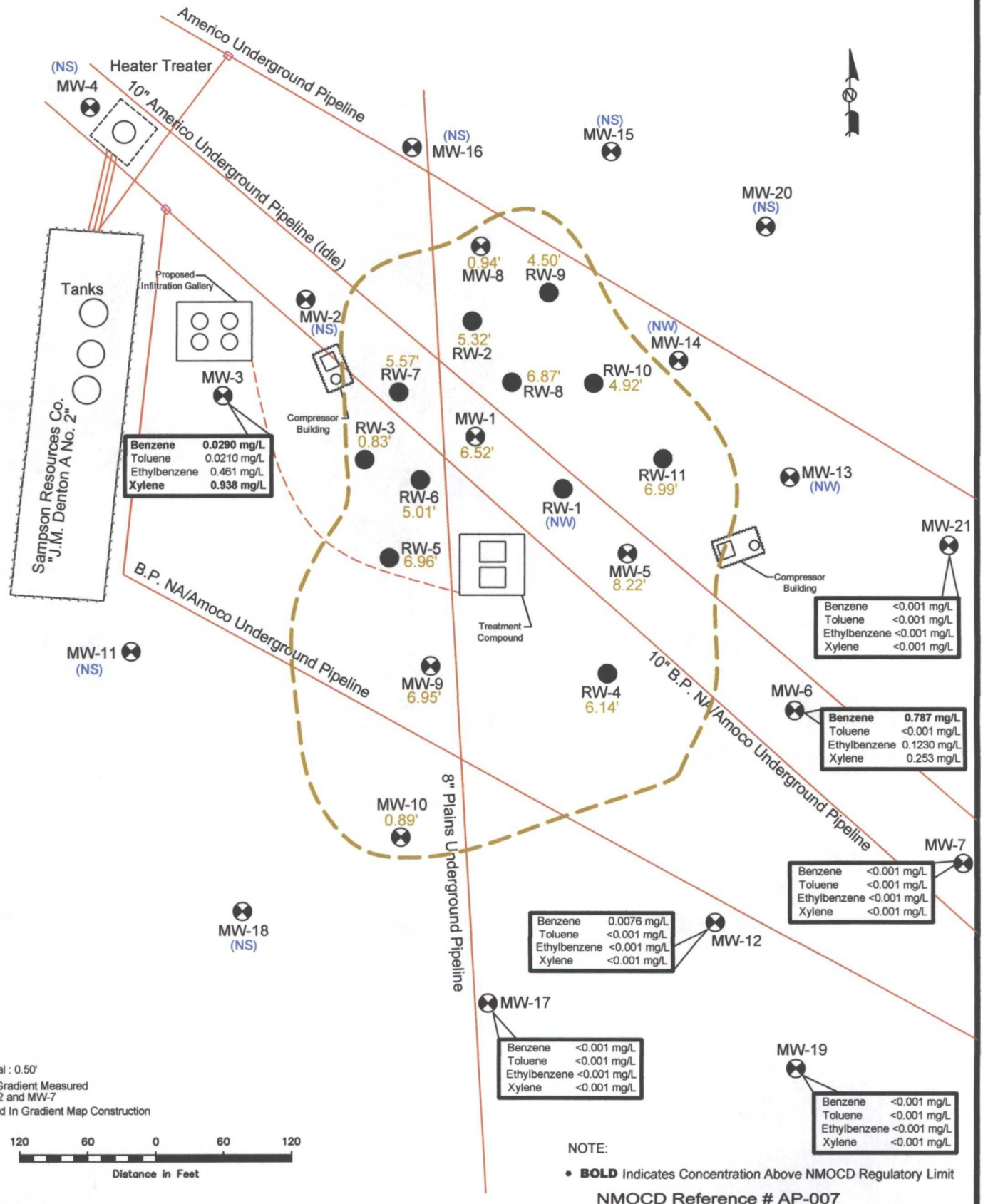
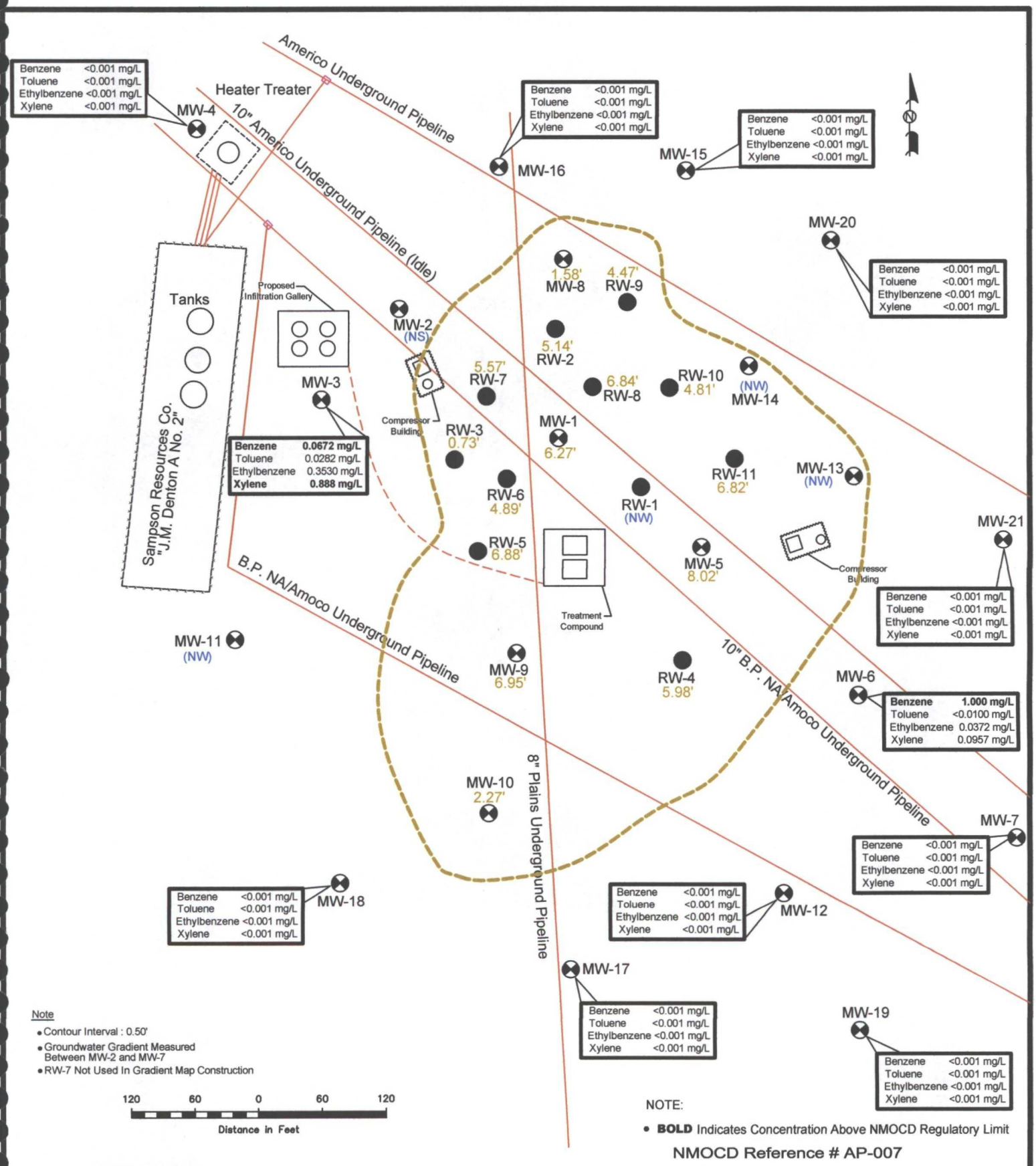


Figure 3C
Groundwater Concentration and Inferred PSH Extent Map (08/23/10)
Plains Marketing, L.P.
Darr Angell #1
Lea County, NM

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

September 23, 2010	Scale: 1" = 120'	CAD By: TA	Checked By: RKR
33° 01' 36.0"N 103° 10' 00.7"W		NW1/4 SE1/4 Sec 11 T15S R37E	



LEGEND:

- Monitor Well Location
- Recovery Well Location
- Product/Recovery Line
- Inferred PSH Extent
- <0.001 Constituent Concentration (mg/L)
- 9.42' Thickness of PSH (feet)
- Bermed Containment Area
- Shed
- Poly Tank
- (NW) No Groundwater Encountered
- (NS) Not Sampled

Figure 3D Groundwater Concentration and Inferred PSH Extent Map (11/22/10) Plains Marketing, L.P. Darr Angell #1 Lea County, NM

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

December 21, 2010	Scale: 1" = 120'	CAD By: TA	Checked By: RKR
33° 01' 36.0"N 103° 10' 00.7"W		NW1/4 SE1/4 Sec 11 T15S R37E	

Tables

TABLE 1

GROUNDWATER ELEVATION DATA - 2010

Plains Marketing, L.P.
Darr Angel #1
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 GROUNDWATER ELEVATION
MW - 1	01/11/10	3787.62	60.40	66.83	6.43	3726.26
MW - 1	*02/16/10*	3787.62	60.81	62.20	1.39	3726.60
MW - 1	*05/26/10*	3787.62	60.94	67.65	6.71	3725.67
MW - 1	*08/23/10*	3787.62	61.03	67.55	6.52	3725.61
MW - 1	*11/22/10*	3787.62	61.05	67.32	6.27	3725.63
MW - 2	01/05/10	3788.19	-	60.97	0.00	3727.22
MW - 2	01/11/10	3788.19	-	60.99	0.00	3727.20
MW - 2	01/19/10	3788.19	-	60.06	0.00	3728.13
MW - 2	01/26/10	3788.19	-	59.97	0.00	3728.22
MW - 2	02/12/10	3788.19	61.13	61.15	0.02	3727.06
MW - 2	*02/16/10*	3788.19	-	61.05	0.00	3727.14
MW - 2	02/18/10	3788.19	-	60.05	0.00	3728.14
MW - 2	03/02/10	3788.19	-	61.17	0.00	3727.02
MW - 2	03/08/10	3788.19	-	61.16	0.00	3727.03
MW - 2	03/17/10	3788.19	-	61.13	0.00	3727.06
MW - 2	03/23/10	3788.19	-	61.16	0.00	3727.03
MW - 2	03/30/10	3788.19	-	61.17	0.00	3727.02
MW - 2	04/06/10	3788.19	-	61.40	0.00	3726.79
MW - 2	04/13/10	3788.19	-	61.42	0.00	3726.77
MW - 2	04/19/10	3788.19	-	61.23	0.00	3726.96
MW - 2	04/26/10	3788.19	-	61.24	0.00	3726.95
MW - 2	05/03/10	3788.19	-	61.26	0.00	3726.93
MW - 2	05/10/10	3788.19	-	61.29	0.00	3726.90
MW - 2	05/17/10	3788.19	-	61.28	0.00	3726.91
MW - 2	*05/26/10*	3788.19	60.89	60.95	0.06	3727.29
MW - 2	06/02/10	3788.19	-	61.44	0.00	3726.75
MW - 2	06/07/10	3788.19	-	61.43	0.00	3726.76
MW - 2	06/14/10	3788.19	-	61.30	0.00	3726.89
MW - 2	06/28/10	3788.19	-	61.28	0.00	3726.91
MW - 2	07/06/10	3788.19	-	61.25	0.00	3726.94
MW - 2	07/20/10	3788.19	-	61.45	0.00	3726.74
MW - 2	07/26/10	3788.19	-	61.38	0.00	3726.81
MW - 2	08/02/10	3788.19	-	61.41	0.00	3726.78
MW - 2	08/09/10	3788.19	-	61.35	0.00	3726.84
MW - 2	08/16/10	3788.19	-	61.40	0.00	3726.79
MW - 2	*08/23/10*	3788.19	61.31	61.34	0.03	3726.85
MW - 2	08/30/10	3788.19	-	61.42	0.00	3726.77
MW - 2	09/07/10	3788.19	-	61.36	0.00	3726.83
MW - 2	09/13/10	3788.19	-	61.38	0.00	3726.81
MW - 2	09/20/10	3788.19	-	61.41	0.00	3726.78
MW - 2	09/27/10	3788.19	-	61.37	0.00	3726.82
MW - 2	10/04/10	3788.19	-	60.41	0.00	3727.78
MW - 2	10/10/10	3788.19	-	61.41	0.00	3726.78
MW - 2	10/18/10	3788.19	-	61.56	0.00	3726.63
MW - 2	10/26/10	3788.19	-	61.45	0.00	3726.74
MW - 2	11/01/10	3788.19	-	61.47	0.00	3726.72
MW - 2	11/09/10	3788.19	-	61.35	0.00	3726.84
MW - 2	11/15/10	3788.19	-	61.52	0.00	3726.67
MW - 2	*11/22/10*	3788.19	61.38	61.41	0.03	3726.81
MW - 2	11/30/10	3788.19	-	61.46	0.00	3726.73
MW - 2	12/06/10	3788.19	-	61.52	0.00	3726.67
MW - 2	12/14/10	3788.19	-	61.53	0.00	3726.66
MW - 2	12/20/10	3788.19	-	60.47	0.00	3727.72
MW - 2	12/28/10	3788.19	-	61.58	0.00	3726.61

TABLE 1

GROUNDWATER ELEVATION DATA - 2010

Plains Marketing, L.P.
Darr Angel #1
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 GROUNDWATER ELEVATION
MW - 3	01/11/10	3789.03	-	61.82	0.00	3727.21
MW - 3	*02/16/10*	3789.03	-	61.97	0.00	3727.06
MW - 3	04/19/10	3789.03	-	62.04	0.00	3726.99
MW - 3	04/26/10	3789.03	-	62.06	0.00	3726.97
MW - 3	05/03/10	3789.03	-	62.04	0.00	3726.99
MW - 3	05/10/10	3789.03	-	62.08	0.00	3726.95
MW - 3	05/17/10	3789.03	-	62.07	0.00	3726.96
MW - 3	*05/26/10*	3789.03	-	61.85	0.00	3727.18
MW - 3	06/02/10	3789.03	-	62.03	0.00	3727.00
MW - 3	06/07/10	3789.03	-	62.06	0.00	3726.97
MW - 3	06/14/10	3789.03	-	62.08	0.00	3726.95
MW - 3	06/28/10	3789.03	-	62.10	0.00	3726.93
MW - 3	07/06/10	3789.03	-	62.09	0.00	3726.94
MW - 3	07/20/10	3789.03	-	62.10	0.00	3726.93
MW - 3	07/26/10	3789.03	-	62.78	0.00	3726.25
MW - 3	08/02/10	3789.03	-	61.22	0.00	3727.81
MW - 3	08/09/10	3789.03	-	62.17	0.00	3726.86
MW - 3	08/16/10	3789.03	-	61.80	0.00	3727.23
MW - 3	*08/23/10*	3789.03	-	61.19	0.00	3727.84
MW - 3	08/30/10	3789.03	-	62.20	0.00	3726.83
MW - 3	09/07/10	3789.03	-	62.18	0.00	3726.85
MW - 3	09/13/10	3789.03	-	62.14	0.00	3726.89
MW - 3	09/20/10	3789.03	-	62.22	0.00	3726.81
MW - 3	09/27/10	3789.03	-	62.23	0.00	3726.80
MW - 3	10/04/10	3789.03	-	62.25	0.00	3726.78
MW - 3	10/10/10	3789.03	-	62.19	0.00	3726.84
MW - 3	10/18/10	3789.03	-	62.25	0.00	3726.78
MW - 3	10/26/10	3789.03	-	61.76	0.00	3727.27
MW - 3	11/01/10	3789.03	-	61.96	0.00	3727.07
MW - 3	11/09/10	3789.03	-	62.19	0.00	3726.84
MW - 3	11/15/10	3789.03	-	62.07	0.00	3726.96
MW - 3	*11/22/10*	3789.03	-	62.35	0.00	3726.68
MW - 3	11/30/10	3789.03	-	62.09	0.00	3726.94
MW - 3	12/06/10	3789.03	-	62.06	0.00	3726.97
MW - 3	12/14/10	3789.03	-	62.14	0.00	3726.89
MW - 3	12/20/10	3789.03	-	62.21	0.00	3726.82
MW - 3	12/28/10	3789.03	-	61.63	0.00	3727.40
MW - 4	01/11/10	3790.06	-	61.34	0.00	3728.72
MW - 4	*02/16/10*	3790.06	-	62.40	0.00	3727.66
MW - 4	*05/26/10*	3790.06	-	62.37	0.00	3727.69
MW - 4	*08/23/10*	3790.06	-	62.36	0.00	3727.70
MW - 4	*11/22/10*	3790.06	-	62.36	0.00	3727.70
MW - 5	01/11/10	3787.47	59.59	67.43	7.84	3726.70
MW - 5	*02/16/10*	3787.47	61.11	65.61	4.50	3725.69
MW - 5	*05/26/10*	3787.47	59.26	67.34	8.08	3727.00
MW - 5	*08/23/10*	3787.47	60.19	68.41	8.22	3726.05
MW - 5	*11/22/10*	3787.47	60.21	68.29	8.08	3726.05
MW - 6	01/05/10	3786.81	-	60.58	0.00	3726.23
MW - 6	01/11/10	3786.81	-	60.57	0.00	3726.24
MW - 6	01/19/10	3786.81	-	60.56	0.00	3726.25
MW - 6	01/26/10	3786.81	-	60.61	0.00	3726.20
MW - 6	02/12/10	3786.81	-	60.54	0.00	3726.27
MW - 6	*02/16/10*	3786.81	-	60.66	0.00	3726.15

TABLE 1

GROUNDWATER ELEVATION DATA - 2010

Plains Marketing, L.P.
Darr Angel #1
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 GROUNDWATER ELEVATION
MW - 6	02/18/10	3786.81	-	60.63	0.00	3726.18
MW - 6	03/02/10	3786.81	-	60.64	0.00	3726.17
MW - 6	03/08/10	3786.81	-	60.66	0.00	3726.15
MW - 6	03/17/10	3786.81	-	60.71	0.00	3726.10
MW - 6	03/23/10	3786.81	-	60.70	0.00	3726.11
MW - 6	03/30/10	3786.81	-	60.69	0.00	3726.12
MW - 6	04/06/10	3786.81	-	60.73	0.00	3726.08
MW - 6	04/13/10	3786.81	-	60.72	0.00	3726.09
MW - 6	04/19/10	3786.81	-	60.73	0.00	3726.08
MW - 6	04/26/10	3786.81	-	60.71	0.00	3726.10
MW - 6	05/03/10	3786.81	-	60.70	0.00	3726.11
MW - 6	05/10/10	3786.81	-	60.76	0.00	3726.05
MW - 6	05/17/10	3786.81	-	60.75	0.00	3726.06
MW - 6	*05/26/10*	3786.81	-	60.61	0.00	3726.20
MW - 6	06/02/10	3786.81	-	60.80	0.00	3726.01
MW - 6	06/07/10	3786.81	-	60.81	0.00	3726.00
MW - 6	06/14/10	3786.81	-	60.78	0.00	3726.03
MW - 6	06/28/10	3786.81	-	60.82	0.00	3725.99
MW - 6	07/06/10	3786.81	-	60.85	0.00	3725.96
MW - 6	07/20/10	3786.81	-	61.84	0.00	3724.97
MW - 6	07/26/10	3786.81	-	60.86	0.00	3725.95
MW - 6	08/02/10	3786.81	-	60.88	0.00	3725.93
MW - 6	08/09/10	3786.81	-	61.88	0.00	3724.93
MW - 6	08/16/10	3786.81	-	60.90	0.00	3725.91
MW - 6	*08/23/10*	3786.81	-	60.89	0.00	3725.92
MW - 6	08/30/10	3786.81	-	60.93	0.00	3725.88
MW - 6	09/07/10	3786.81	-	60.90	0.00	3725.91
MW - 6	09/13/10	3786.81	-	60.93	0.00	3725.88
MW - 6	09/20/10	3786.81	-	60.93	0.00	3725.88
MW - 6	09/27/10	3786.81	-	60.91	0.00	3725.90
MW - 6	10/04/10	3786.81	-	60.96	0.00	3725.85
MW - 6	10/10/10	3786.81	-	60.95	0.00	3725.86
MW - 6	10/18/10	3786.81	-	61.00	0.00	3725.81
MW - 6	10/26/10	3786.81	-	60.94	0.00	3725.87
MW - 6	11/01/10	3786.81	-	60.96	0.00	3725.85
MW - 6	11/09/10	3786.81	-	60.89	0.00	3725.92
MW - 6	11/15/10	3786.81	-	61.23	0.00	3725.58
MW - 6	*11/22/10*	3786.81	-	61.08	0.00	3725.73
MW - 6	11/30/10	3786.81	-	61.02	0.00	3725.79
MW - 6	12/06/10	3786.81	-	61.79	0.00	3725.02
MW - 6	12/14/10	3786.81	-	61.76	0.00	3725.05
MW - 6	12/20/10	3786.81	-	60.92	0.00	3725.89
MW - 6	12/28/10	3786.81	-	60.86	0.00	3725.95
MW - 7	01/11/10	3786.82	-	60.93	0.00	3725.89
MW - 7	*02/16/10*	3786.82	-	60.99	0.00	3725.83
MW - 7	*05/26/10*	3786.82	-	60.92	0.00	3725.90
MW - 7	*08/23/10*	3786.82	-	60.92	0.00	3725.90
MW - 7	*11/22/10*	3786.82	-	60.95	0.00	3725.87
MW - 8	01/05/10	3788.24	60.88	62.32	1.44	3727.14
MW - 8	01/11/10	3788.24	61.01	61.84	0.83	3727.11
MW - 8	01/19/10	3788.24	61.04	61.79	0.75	3727.09
MW - 8	01/26/10	3788.24	60.04	61.73	1.69	3727.95
MW - 8	02/12/10	3788.24	60.94	62.53	1.59	3727.06
MW - 8	*02/16/10*	3788.24	61.12	61.66	0.54	3727.04

TABLE 1

GROUNDWATER ELEVATION DATA - 2010

Plains Marketing, L.P.
Darr Angel #1
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 GROUNDWATER ELEVATION
MW - 8	02/18/10	3788.24	61.10	61.84	0.74	3727.03
MW - 8	03/02/10	3788.24	61.04	62.14	1.10	3727.04
MW - 8	03/08/10	3788.24	61.02	62.13	1.11	3727.05
MW - 8	03/17/10	3788.24	61.00	62.47	1.47	3727.02
MW - 8	03/23/10	3788.24	61.02	62.47	1.45	3727.00
MW - 8	03/30/10	3788.24	61.04	62.46	1.42	3726.99
MW - 8	04/06/10	3788.24	60.86	62.06	1.20	3727.20
MW - 8	04/13/10	3788.24	60.83	62.04	1.21	3727.23
MW - 8	04/19/10	3788.24	61.07	62.37	1.30	3726.98
MW - 8	04/26/10	3788.24	61.09	62.36	1.27	3726.96
MW - 8	*05/26/10*	3788.24	61.24	62.38	1.14	3726.83
MW - 8	06/02/10	3788.24	61.06	62.70	1.64	3726.93
MW - 8	06/07/10	3788.24	61.08	62.68	1.60	3726.92
MW - 8	06/14/10	3788.24	61.16	62.36	1.20	3726.90
MW - 8	07/06/10	3788.24	61.24	62.18	0.94	3726.86
MW - 8	07/20/10	3788.24	61.20	62.47	1.27	3726.85
MW - 8	07/26/10	3788.24	61.35	61.86	0.51	3726.81
MW - 8	08/02/10	3788.24	61.34	61.92	0.58	3726.81
MW - 8	08/09/10	3788.24	61.27	62.28	1.01	3726.82
MW - 8	08/16/10	3788.24	61.36	61.92	0.56	3726.80
MW - 8	*08/23/10*	3788.24	61.38	61.92	0.54	3726.78
MW - 8	08/30/10	3788.24	61.30	62.24	0.94	3726.80
MW - 8	09/07/10	3788.24	61.30	62.34	1.04	3726.78
MW - 8	09/13/10	3788.24	61.40	61.93	0.53	3726.76
MW - 8	09/20/10	3788.24	61.33	62.34	1.01	3726.76
MW - 8	09/27/10	3788.24	61.39	62.26	0.87	3726.72
MW - 8	10/04/10	3788.24	61.35	62.44	1.09	3726.73
MW - 8	10/10/10	3788.24	61.36	62.41	1.05	3726.72
MW - 8	10/18/10	3788.24	61.45	62.08	0.63	3726.70
MW - 8	10/26/10	3788.24	61.32	62.21	0.89	3726.79
MW - 8	11/01/10	3788.24	61.31	61.95	0.64	3726.83
MW - 8	11/09/10	3788.24	61.29	62.24	0.95	3726.81
MW - 8	11/15/10	3788.24	61.29	62.14	0.85	3726.82
MW - 8	*11/22/10*	3788.24	61.98	63.56	1.58	3726.02
MW - 8	11/30/10	3788.24	61.42	61.89	0.47	3726.75
MW - 8	12/06/10	3788.24	61.25	62.33	1.08	3726.83
MW - 8	12/14/10	3788.24	61.23	62.41	1.18	3726.83
MW - 8	12/20/10	3788.24	61.26	62.40	1.14	3726.81
MW - 8	12/28/10	3788.24	61.17	62.11	0.94	3726.93
MW - 9	01/11/10	3788.33	60.33	ND		#VALUE!
MW - 9	*02/16/10*	3788.33	61.70	63.01	1.31	3726.43
MW - 9	*05/26/10*	3788.33	60.21	67.29	7.08	3727.06
MW - 9	*08/23/10*	3788.33	60.46	67.41	6.95	3726.83
MW - 9	*11/22/10*	3788.33	60.46	67.41	6.95	3726.83
MW - 10	01/05/10	3788.46	61.59	63.11	1.52	3726.64
MW - 10	01/11/10	3788.46	61.75	62.57	0.82	3726.59
MW - 10	01/19/10	3788.46	61.71	62.59	0.88	3726.62
MW - 10	01/26/10	3788.46	61.66	62.61	0.95	3726.66
MW - 10	02/12/10	3788.46	61.92	63.03	1.11	3726.37
MW - 10	*02/16/10*	3788.46	61.63	63.31	1.68	3726.58
MW - 10	02/18/10	3788.46	61.62	63.43	1.81	3726.57
MW - 10	03/02/10	3788.46	61.65	61.78	0.13	3726.79
MW - 10	03/08/10	3788.46	61.66	61.76	0.10	3726.79
MW - 10	03/17/10	3788.46	61.63	61.79	0.16	3726.81

TABLE 1

GROUNDWATER ELEVATION DATA - 2010

Plains Marketing, L.P.
Darr Angel #1
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 GROUNDWATER ELEVATION
MW - 10	03/23/10	3788.46	61.61	61.79	0.18	3726.82
MW - 10	03/30/10	3788.46	61.60	61.77	0.17	3726.83
MW - 10	04/06/10	3788.46	61.68	63.48	1.80	3726.51
MW - 10	04/13/10	3788.46	61.69	63.45	1.76	3726.51
MW - 10	04/19/10	3788.46	61.79	62.99	1.20	3726.49
MW - 10	04/26/10	3788.46	61.82	62.97	1.15	3726.47
MW - 10	05/03/10	3788.46	61.83	62.99	1.16	3726.46
MW - 10	05/10/10	3788.46	61.85	62.97	1.12	3726.44
MW - 10	05/17/10	3788.46	61.87	62.95	1.08	3726.43
MW - 10	*05/26/10*	3788.46	61.52	62.79	1.27	3726.75
MW - 10	06/02/10	3788.46	61.55	62.76	1.21	3726.73
MW - 10	06/07/10	3788.46	61.55	62.73	1.18	3726.73
MW - 10	*06/14/10*	3788.46	61.76	63.63	1.87	3726.42
MW - 10	06/28/10	3788.46	61.78	63.58	1.80	3726.41
MW - 10	07/06/10	3788.46	61.89	63.26	1.37	3726.36
MW - 10	07/20/10	3788.46	62.85	63.50	0.65	3725.51
MW - 10	07/26/10	3788.46	62.00	62.84	0.84	3726.33
MW - 10	08/02/10	3788.46	62.00	62.91	0.91	3726.32
MW - 10	08/09/10	3788.46	62.01	62.90	0.89	3726.32
MW - 10	08/16/10	3788.46	62.01	62.86	0.85	3726.32
MW - 10	*08/23/10*	3788.46	62.03	62.83	0.80	3726.31
MW - 10	08/30/10	3788.46	62.02	62.91	0.89	3726.31
MW - 10	09/07/10	3788.46	62.03	63.05	1.02	3726.28
MW - 10	09/13/10	3788.46	61.94	63.37	1.43	3726.31
MW - 10	09/20/10	3788.46	61.89	63.79	1.90	3726.29
MW - 10	09/27/10	3788.46	61.90	63.43	1.53	3726.33
MW - 10	10/04/10	3788.46	62.04	63.19	1.15	3726.25
MW - 10	10/10/10	3788.46	62.10	62.96	0.86	3726.23
MW - 10	10/18/10	3788.46	61.96	63.04	1.08	3726.34
MW - 10	10/26/10	3788.46	62.00	62.89	0.89	3726.33
MW - 10	11/01/10	3788.46	62.02	62.87	0.85	3726.31
MW - 10	11/09/10	3788.46	62.01	63.03	1.02	3726.30
MW - 10	11/15/10	3788.46	62.35	63.29	0.94	3725.97
MW - 10	*11/22/10*	3788.46	62.06	64.33	2.27	3726.06
MW - 10	11/30/10	3788.46	61.93	63.26	1.33	3726.33
MW - 10	12/06/10	3788.46	62.81	63.39	0.58	3725.56
MW - 10	12/14/10	3788.46	62.72	63.54	0.82	3725.62
MW - 10	12/20/10	3788.46	62.04	63.24	1.20	3726.24
MW - 10	12/28/10	3788.46	62.05	63.02	0.97	3726.26
MW - 11	01/11/10	3789.55	-	62.45	0.00	3727.10
MW - 11	*02/16/10*	3789.55	-	62.52	0.00	3727.03
MW - 11	*05/26/10*	3789.55	-	62.49	0.00	3727.06
MW - 11	*08/23/10*	3789.55	-	62.48	0.00	3727.07
MW - 11	*11/22/10*	3789.55	WELL IS DRY			
MW - 12	01/11/10	3787.81		61.65	0.00	3726.16
MW - 12	*02/16/10*	3787.81		61.72	0.00	3726.09
MW - 12	04/19/10	3787.81	-	61.80	0.00	3726.01
MW - 12	04/26/10	3787.81	-	61.79	0.00	3726.02
MW - 12	05/03/10	3787.81	-	61.78	0.00	3726.03
MW - 12	05/10/10	3787.81	-	61.81	0.00	3726.00
MW - 12	05/17/10	3787.81	-	61.80	0.00	3726.01
MW - 12	*05/26/10*	3787.81	-	61.67	0.00	3726.14
MW - 12	06/02/10	3787.81	-	61.69	0.00	3726.12
MW - 12	06/07/10	3787.81	-	61.67	0.00	3726.14

TABLE 1

GROUNDWATER ELEVATION DATA - 2010

Plains Marketing, L.P.
Darr Angel #1
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 GROUNDWATER ELEVATION
MW - 12	06/28/10	3787.81	-	61.66	0.00	3726.15
MW - 12	07/06/10	3787.81	-	61.67	0.00	3726.14
MW - 12	*08/23/10*	3787.81	-	61.67	0.00	3726.14
MW - 12	*11/22/10*	3787.81	-	61.67	0.00	3726.14
MW - 13	01/05/10	3788.55	61.25	ND	0.00	#VALUE!
MW - 13	01/11/10	3788.55	61.50	ND	0.00	#VALUE!
MW - 13	01/19/10	3788.55	61.12	ND	0.00	#VALUE!
MW - 13	01/26/10	3788.55	61.48	ND	0.00	#VALUE!
MW - 13	02/12/10	3788.55	61.24	ND	0.00	#VALUE!
MW - 13	*02/16/10*	3788.55	61.74	63.48	1.74	3726.55
MW - 13	02/18/10	3788.55	61.54	ND	0.00	#VALUE!
MW - 13	03/02/10	3788.55	61.35	ND	0.00	#VALUE!
MW - 13	03/08/10	3788.55	61.33	ND	0.00	#VALUE!
MW - 13	03/17/10	3788.55	60.24	ND	0.00	#VALUE!
MW - 13	03/23/10	3788.55	61.41	ND	0.00	#VALUE!
MW - 13	03/30/10	3788.55	61.42	ND	0.00	#VALUE!
MW - 13	04/06/10	3788.55	61.29	ND	0.00	#VALUE!
MW - 13	04/13/10	3788.55	61.30	ND	0.00	#VALUE!
MW - 13	04/19/10	3788.55	61.29	ND	0.00	#VALUE!
MW - 13	04/26/10	3788.55	61.31	ND	0.00	#VALUE!
MW - 13	05/03/10	3788.55	61.33	ND	0.00	#VALUE!
MW - 13	05/10/10	3788.55	61.22	ND	0.00	#VALUE!
MW - 13	05/17/10	3788.55	61.25	ND	0.00	#VALUE!
MW - 13	*05/26/10*	3788.55	61.27	ND	0.00	#VALUE!
MW - 13	06/02/10	3788.55	61.29	ND	0.00	#VALUE!
MW - 13	06/07/10	3788.55	61.28	ND	0.00	#VALUE!
MW - 13	06/14/10	3788.55	61.24	ND	0.00	#VALUE!
MW - 13	06/28/10	3788.55	61.29	ND	0.00	#VALUE!
MW - 13	07/06/10	3788.55	61.29	ND	0.00	#VALUE!
MW - 13	07/20/10	3788.55	61.30	ND	0.00	#VALUE!
MW - 13	07/26/10	3788.55	61.36	ND	0.00	#VALUE!
MW - 13	08/02/10	3788.55	61.41	ND	0.00	#VALUE!
MW - 13	08/09/10	3788.55	61.40	ND	0.00	#VALUE!
MW - 13	08/16/10	3788.55	61.43	ND	0.00	#VALUE!
MW - 13	*08/23/10*	3788.55	61.42	ND	0.00	#VALUE!
MW - 13	08/30/10	3788.55	61.44	ND	0.00	#VALUE!
MW - 13	09/07/10	3788.55	61.44	ND	0.00	#VALUE!
MW - 13	09/13/10	3788.55	61.50	ND	0.00	#VALUE!
MW - 13	09/20/10	3788.55	61.41	ND	0.00	#VALUE!
MW - 13	09/27/10	3788.55	61.47	ND	0.00	#VALUE!
MW - 13	10/04/10	3788.55	61.43	ND	0.00	#VALUE!
MW - 13	10/10/10	3788.55	61.48	ND	0.00	#VALUE!
MW - 13	10/18/10	3788.55	61.46	ND	0.00	#VALUE!
MW - 13	10/26/10	3788.55	61.45	ND	0.00	#VALUE!
MW - 13	11/01/10	3788.55	61.41	ND	0.00	#VALUE!
MW - 13	11/09/10	3788.55	61.42	ND	0.00	#VALUE!
MW - 13	11/15/10	3788.55	61.33	ND	0.00	#VALUE!
MW - 13	*11/22/10*	3788.55	61.49	ND	0.00	#VALUE!
MW - 13	11/30/10	3788.55	61.46	ND	0.00	#VALUE!
MW - 13	12/06/10	3788.55	61.36	ND	0.00	#VALUE!
MW - 13	12/14/10	3788.55	61.09	ND	0.00	#VALUE!
MW - 13	12/20/10	3788.55	61.48	ND	0.00	#VALUE!
MW - 13	12/28/10	3788.55	61.51	ND	0.00	#VALUE!

TABLE 1

GROUNDWATER ELEVATION DATA - 2010

Plains Marketing, L.P.
Darr Angel #1
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 GROUNDWATER ELEVATION
MW - 14	01/05/10	3788.72	60.52	63.15	2.63	3727.81
MW - 14	01/11/10	3788.72	60.54	63.15	2.61	3727.79
MW - 14	01/19/10	3788.72	60.55	63.15	2.60	3727.78
MW - 14	01/26/10	3788.72	60.56	63.15	2.59	3727.77
MW - 14	02/12/10	3788.72	60.60	63.14	2.54	3727.74
MW - 14	*02/16/10*	3788.72	60.64	63.16	2.52	3727.70
MW - 14	02/18/10	3788.72	60.61	63.14	2.53	3727.73
MW - 14	03/02/10	3788.72	60.61	63.15	2.54	3727.73
MW - 14	03/08/10	3788.72	60.60	63.13	2.53	3727.74
MW - 14	03/17/10	3788.72	60.65	63.08	2.43	3727.71
MW - 14	03/23/10	3788.72	60.64	63.15	2.51	3727.70
MW - 14	03/30/10	3788.72	60.65	63.13	2.48	3727.70
MW - 14	*04/06/10*	*3788.72*	*60.67*	*63.39*	*2.72*	*3727.64*
MW - 14	04/13/10	3788.72	60.68	63.37	2.69	3727.64
MW - 14	04/19/10	3788.72	60.69	ND	0.00	#VALUE!
MW - 14	04/26/10	3788.72	60.67	ND	0.00	#VALUE!
MW - 14	05/03/10	3788.72	60.69	ND	0.00	#VALUE!
MW - 14	05/10/10	3788.72	60.62	ND	0.00	#VALUE!
MW - 14	05/17/10	3788.72	60.60	ND	0.00	#VALUE!
MW - 14	*05/26/10*	3788.72	60.58	ND	0.00	#VALUE!
MW - 14	06/02/10	3788.72	60.56	ND	0.00	#VALUE!
MW - 14	06/07/10	3788.72	60.55	ND	0.00	#VALUE!
MW - 14	06/14/10	3788.72	60.76	ND	0.00	#VALUE!
MW - 14	06/28/10	3788.72	60.80	ND	0.00	#VALUE!
MW - 14	07/06/10	3788.72	60.80	ND	0.00	#VALUE!
MW - 14	07/20/10	3788.72	60.81	ND	0.00	#VALUE!
MW - 14	07/26/10	3788.72	60.82	ND	0.00	#VALUE!
MW - 14	08/02/10	3788.72	60.83	ND	0.00	#VALUE!
MW - 14	08/09/10	3788.72	60.84	ND	0.00	#VALUE!
MW - 14	08/16/10	3788.72	61.85	ND	0.00	#VALUE!
MW - 14	*08/23/10*	3788.72	60.85	ND	0.00	#VALUE!
MW - 14	08/30/10	3788.72	60.87	ND	0.00	#VALUE!
MW - 14	09/07/10	3788.72	60.89	ND	0.00	#VALUE!
MW - 14	09/13/10	3788.72	60.90	ND	0.00	#VALUE!
MW - 14	09/20/10	3788.72	60.24	ND	0.00	#VALUE!
MW - 14	09/27/10	3788.72	60.52	ND	0.00	#VALUE!
MW - 14	10/04/10	3788.72	60.94	ND	0.00	#VALUE!
MW - 14	10/10/10	3788.72	60.94	ND	0.00	#VALUE!
MW - 14	10/18/10	3788.72	60.95	ND	0.00	#VALUE!
MW - 14	10/26/10	3788.72	60.84	ND	0.00	#VALUE!
MW - 14	11/01/10	3788.72	60.84	ND	0.00	#VALUE!
MW - 14	11/09/10	3788.72	60.91	ND	0.00	#VALUE!
MW - 14	11/15/10	3788.72	60.90	ND	0.00	#VALUE!
MW - 14	*11/22/10*	3788.72	61.02	ND	0.00	#VALUE!
MW - 14	11/30/10	3788.72	60.93	ND	0.00	#VALUE!
MW - 14	12/06/10	3788.72	60.88	ND	0.00	#VALUE!
MW - 14	12/14/10	3788.72	60.76	ND	0.00	#VALUE!
MW - 14	12/20/10	3788.72	60.99	ND	0.00	#VALUE!
MW - 14	12/28/10	3788.72	60.79	ND	0.00	#VALUE!
MW - 15	01/11/10	3788.95	-	61.92	0.00	3727.03
MW - 15	*02/16/10*	3788.95	-	61.98	0.00	3726.97
MW - 15	*05/26/10*	3788.95	-	61.87	0.00	3727.08
MW - 15	*08/23/10*	3788.95	-	61.87	0.00	3727.08
MW - 15	*11/22/10*	3788.95	-	61.89	0.00	3727.06

TABLE 1

GROUNDWATER ELEVATION DATA - 2010

Plains Marketing, L.P.
Darr Angel #1
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 GROUNDWATER ELEVATION
MW - 16	01/11/10	3789.61	-	62.34	0.00	3727.27
MW - 16	*02/16/10*	3789.61	-	62.39	0.00	3727.22
MW - 16	*05/26/10*	3789.61	-	62.36	0.00	3727.25
MW - 16	*08/23/10*	3789.61	-	62.37	0.00	3727.24
MW - 16	*11/22/10*	3789.61	-	62.38	0.00	3727.23
MW - 17	01/11/10	3787.95	-	61.60	0.00	3726.35
MW - 17	*02/16/10*	3787.95	-	61.66	0.00	3726.29
MW - 17	*05/26/10*	3787.95	-	61.59	0.00	3726.36
MW - 17	*08/23/10*	3787.95	-	61.61	0.00	3726.34
MW - 17	*11/22/10*	3787.95	-	61.61	0.00	3726.34
MW - 18	01/11/10	3788.82	-	62.08	0.00	3726.74
MW - 18	*02/16/10*	3788.82	-	62.14	0.00	3726.68
MW - 18	*05/26/10*	3788.82	-	62.08	0.00	3726.74
MW - 18	*08/23/10*	3788.82	-	62.09	0.00	3726.73
MW - 18	*11/22/10*	3788.82	-	62.10	0.00	3726.72
MW - 19	01/11/10	3787.51	-	61.60	0.00	3725.91
MW - 19	*02/16/10*	3787.51	-	61.65	0.00	3725.86
MW - 19	*05/26/10*	3787.51	-	61.61	0.00	3725.90
MW - 19	*08/23/10*	3787.51	-	61.60	0.00	3725.91
MW - 19	*11/22/10*	3787.51	-	61.60	0.00	3725.91
MW - 20	01/11/10	3788.53	-	61.78	0.00	3726.75
MW - 20	*02/16/10*	3788.53	-	61.83	0.00	3726.70
MW - 20	*05/26/10*	3788.53	-	61.79	0.00	3726.74
MW - 20	*08/23/10*	3788.53	-	61.81	0.00	3726.72
MW - 20	*11/22/10*	3788.53	-	61.81	0.00	3726.72
MW - 21	01/11/10	3786.46	-	61.63	0.00	3724.83
MW - 21	*02/16/10*	3786.46	-	61.96	0.00	3724.50
MW - 21	*05/26/10*	3786.46	-	61.59	0.00	3724.87
MW - 21	*08/23/10*	3786.46	-	61.58	0.00	3724.88
MW - 21	*11/22/10*	3786.46	-	61.59	0.00	3724.87
RW - 1	01/11/10	3788.33	59.86	ND	0.00	#VALUE!
RW - 1	*02/16/10*	3788.33	59.92	ND	0.00	#VALUE!
RW - 1	*05/26/10*	3788.33	59.74	ND	0.00	#VALUE!
RW - 1	*08/23/10*	3788.33	59.74	ND	0.00	#VALUE!
RW - 1	*11/22/10*	3788.33	59.79	ND	0.00	#VALUE!
RW - 2	01/11/10	3788.98	60.55	67.03	6.48	3727.46
RW - 2	*02/16/10*	3788.98	63.93	63.95	0.02	3725.05
RW - 2	*05/26/10*	3788.98	60.85	67.10	6.25	3727.19
RW - 2	*08/23/10*	3788.98	61.82	67.14	5.32	3726.36
RW - 2	*11/22/10*	3788.98	61.86	67.00	5.14	3726.35
RW - 3	01/05/10	3788.95	61.61	63.23	1.62	3727.10
RW - 3	01/11/10	3788.95	61.73	62.61	0.88	3727.09
RW - 3	01/19/10	3788.95	61.79	62.59	0.80	3727.04
RW - 3	01/26/10	3788.95	61.78	62.61	0.83	3727.05
RW - 3	02/12/10	3788.95	61.66	63.53	1.87	3727.01
RW - 3	*02/16/10*	3788.95	61.85	62.45	0.60	3727.01
RW - 3	02/18/10	3788.95	61.83	62.69	0.86	3726.99
RW - 3	03/02/10	3788.95	61.83	62.64	0.81	3727.00

TABLE 1

GROUNDWATER ELEVATION DATA - 2010

Plains Marketing, L.P.
Darr Angel #1
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 GROUNDWATER ELEVATION
RW - 3	03/08/10	3788.95	61.84	62.63	0.79	3726.99
RW - 3	03/17/10	3788.95	61.49	64.30	2.81	3727.04
RW - 3	03/23/10	3788.95	61.47	64.31	2.84	3727.05
RW - 3	03/30/10	3788.95	61.48	64.31	2.83	3727.05
RW - 3	04/06/10	3788.95	61.47	64.62	3.15	3727.01
RW - 3	04/13/10	3788.95	61.49	64.59	3.10	3727.00
RW - 3	04/19/10	3788.95	61.76	63.43	1.67	3726.94
RW - 3	04/26/10	3788.95	61.76	63.38	1.62	3726.95
RW - 3	05/10/10	3788.95	61.84	63.33	1.49	3726.89
RW - 3	05/17/10	3788.95	61.81	63.34	1.53	3726.91
RW - 3	*05/26/10*	3788.95	61.64	63.17	1.53	3727.08
RW - 3	06/02/10	3788.95	61.67	63.15	1.48	3727.06
RW - 3	06/07/10	3788.95	61.66	63.17	1.51	3727.06
RW - 3	06/14/10	3788.95	61.31	65.89	4.58	3726.95
RW - 3	06/28/10	3788.95	61.85	63.55	1.70	3726.85
RW - 3	07/06/10	3788.95	61.99	63.04	1.05	3726.80
RW - 3	07/20/10	3788.95	61.85	63.78	1.93	3726.81
RW - 3	07/26/10	3788.95	62.05	62.83	0.78	3726.78
RW - 3	08/02/10	3788.95	62.02	62.95	0.93	3726.79
RW - 3	08/09/10	3788.95	61.91	63.51	1.60	3726.80
RW - 3	08/16/10	3788.95	62.05	62.98	0.93	3726.76
RW - 3	*08/23/10*	3788.95	62.19	62.91	0.72	3726.65
RW - 3	08/30/10	3788.95	62.08	62.91	0.83	3726.75
RW - 3	09/07/10	3788.95	61.98	63.47	1.49	3726.75
RW - 3	09/13/10	3788.95	62.08	62.93	0.85	3726.74
RW - 3	09/20/10	3788.95	61.96	63.61	1.65	3726.74
RW - 3	09/27/10	3788.95	62.01	63.44	1.43	3726.73
RW - 3	10/04/10	3788.95	61.97	63.74	1.77	3726.71
RW - 3	10/10/10	3788.95	62.11	63.07	0.96	3726.70
RW - 3	10/18/10	3788.95	62.03	63.08	1.05	3726.76
RW - 3	10/26/10	3788.95	61.93	63.26	1.33	3726.82
RW - 3	11/01/10	3788.95	62.02	62.92	0.90	3726.80
RW - 3	11/09/10	3788.95	61.97	63.11	1.14	3726.81
RW - 3	11/15/10	3788.95	61.92	63.11	1.19	3726.85
RW - 3	*11/22/10*	3788.95	62.23	62.96	0.73	3726.61
RW - 3	11/30/10	3788.95	62.11	62.92	0.81	3726.72
RW - 3	12/06/10	3788.95	61.87	62.47	0.60	3726.99
RW - 3	12/14/10	3788.95	61.82	62.93	1.11	3726.96
RW - 3	12/20/10	3788.95	61.82	63.64	1.82	3726.86
RW - 3	12/28/10	3788.95	61.94	63.01	1.07	3726.85
RW - 4	01/11/10	3788.15	60.60	ND	#VALUE!	#VALUE!
RW - 4	*02/16/10*	3788.15	sheen	62.66	0.00	3725.49
RW - 4	*05/26/10*	3788.15	60.51	67.33	6.82	3726.62
RW - 4	*08/23/10*	3788.15	61.19	67.33	6.14	3726.04
RW - 4	*11/22/10*	3788.15	61.21	67.19	5.98	3726.04
RW - 5	01/11/10	3788.83	61.75	67.63	5.88	3726.20
RW - 5	*02/16/10*	3788.83	62.49	66.05	3.56	3725.81
RW - 5	*05/26/10*	3788.83	61.82	67.74	5.92	3726.12
RW - 5	*08/23/10*	3788.83	60.94	67.90	6.96	3726.85
RW - 5	*11/22/10*	3788.83	60.96	67.84	6.88	3726.84
RW - 6	01/11/10	3788.93	61.61	66.98	5.37	3726.51
RW - 6	*02/16/10*	3788.93	61.98	66.89	4.91	3726.21
RW - 6	*05/26/10*	3788.93	66.58	67.29	0.71	3722.24
RW - 6	*08/23/10*	3788.93	62.41	67.42	5.01	3725.77
RW - 6	*11/22/10*	3788.93	62.43	67.32	4.89	3725.77

TABLE 1

GROUNDWATER ELEVATION DATA - 2010

Plains Marketing, L.P.
Darr Angel #1
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 GROUNDWATER ELEVATION
RW - 7	01/11/10	3789.07	61.72	67.88	6.16	3726.43
RW - 7	*02/16/10*	3789.07	sheen	64.70	0.00	3724.37
RW - 7	*05/26/10*	3789.07	60.75	66.32	5.57	3727.48
RW - 7	*08/23/10*	3789.07	60.76	66.33	5.57	3727.47
RW - 7	*11/22/10*	3789.07	60.76	66.33	5.57	3727.47
RW - 8	01/11/10	3788.48	61.10	ND	0.00	#VALUE!
RW - 8	*02/16/10*	3788.48	61.51	68.70	7.19	3725.89
RW - 8	05/03/10	3788.48	61.11	62.39	1.28	3727.18
RW - 8	05/10/10	3788.48	61.13	62.36	1.23	3727.17
RW - 8	05/17/10	3788.48	61.15	62.35	1.20	3727.15
RW - 8	*05/26/10*	3788.48	60.57	67.52	6.95	3726.87
RW - 8	06/28/10	3788.48	61.04	63.04	2.00	3727.14
RW - 8	*08/23/10*	3788.48	61.69	68.56	6.87	3725.76
RW - 8	*11/22/10*	3788.48	61.66	68.50	6.84	3725.79
RW - 9	01/11/10	3788.92	61.10	65.93	4.83	3727.10
RW - 9	*02/16/10*	3788.92	62.71	64.03	1.32	3726.01
RW - 9	*05/26/10*	3788.92	61.28	65.37	4.09	3727.03
RW - 9	*08/23/10*	3788.92	62.64	67.14	4.50	3725.61
RW - 9	*11/22/10*	3788.92	62.65	67.12	4.47	3725.60
RW - 10	01/11/10	3788.72	*PUMP IN WELL*			3788.72
RW - 10	*02/16/10*	3788.72	sheen	62.72	0.00	3726.00
RW - 10	*05/26/10*	3788.72	60.77	66.31	5.54	3727.12
RW - 10	*08/23/10*	3788.72	61.61	66.53	4.92	3726.37
RW - 10	*11/22/10*	3788.72	61.65	66.46	4.81	3726.35
RW - 11	01/11/10	3788.43	*PUMP IN WELL*			3788.43
RW - 11	*02/16/10*	3788.43	61.94	64.90	2.96	3726.05
RW - 11	05/03/10	3788.43	61.81	63.37	1.56	3726.39
RW - 11	*05/26/10*	3788.43	61.43	67.14	5.71	3726.14
RW - 11	*08/23/10*	3788.43	61.50	68.49	6.99	3725.88
RW - 11	*11/22/10*	3788.43	61.53	68.35	6.82	3725.88

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

ND = No Water detected during gauging of well.

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
DARR ANGEL #1
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-007

All concentrations are reported in mg/L

		METHODS: SW 846-8260b				
SAMPLE LOCATION	**SAMPLE DATE**	**BENZENE**	**TOLUENE**	**ETHYL-BENZENE**	**m, p - XYLENES**	**o - XYLENE**
NMOCD Regulatory Limit		**0.01**	**0.75**	**0.75**	**0.62**	
MW - 1	02/16/10	Not Sampled Due to PSH in Well				
MW - 1	05/26/10	Not Sampled Due to PSH in Well				
MW - 1	08/23/10	Not Sampled Due to PSH in Well				
MW - 1	11/22/10	Not Sampled Due to PSH in Well				
MW - 2	02/16/10	**0.056**	<0.010	0.400	0.434	
MW - 2	05/26/10	Not Sampled Due to PSH in Well				
MW - 2	08/23/10	Not Sampled Due to PSH in Well				
MW - 2	11/22/10	Not Sampled Due to PSH in Well				
MW - 3	02/16/10	**0.1730**	0.3900	0.587	**1.55**	
MW - 3	05/26/10	**0.0541**	0.0429	0.477	**0.864**	
MW - 3	08/23/10	**0.0290**	0.0210	0.461	**0.938**	
MW - 3	11/22/10	**0.0672**	0.0282	0.353	**0.888**	
MW - 4	02/16/10	Not Sampled on Current Sample Schedule				
MW - 4	05/26/10	Not Sampled on Current Sample Schedule				
MW - 4	08/23/10	Not Sampled on Current Sample Schedule				
MW - 4	11/22/10	<0.001	<0.001	<0.001	<0.001	
MW - 5	02/16/10	Not Sampled Due to PSH in Well				
MW - 5	05/26/10	Not Sampled Due to PSH in Well				
MW - 5	08/23/10	Not Sampled Due to PSH in Well				
MW - 5	11/22/10	Not Sampled Due to PSH in Well				
MW - 6	02/16/10	**1.100**	<0.020	<0.020	0.142	
MW - 6	05/26/10	**0.763**	<0.020	0.0477	0.0955	
MW - 6	08/23/10	**0.787**	<0.010	0.1230	0.253	
MW - 6	11/22/10	**1.000**	<0.010	0.0372	0.0957	
MW - 7	02/16/10	Not Sampled on Current Sample Schedule				
MW - 7	05/26/10	<0.001	<0.001	<0.001	<0.001	
MW - 7	08/23/10	<0.001	<0.001	<0.001	<0.001	
MW - 7	11/22/10	<0.001	<0.001	<0.001	<0.001	
MW - 8	02/16/10	Not Sampled Due to PSH in Well				
MW - 8	05/26/10	Not Sampled Due to PSH in Well				
MW - 8	08/23/10	Not Sampled Due to PSH in Well				
MW - 8	11/22/10	Not Sampled Due to PSH in Well				

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
DARR ANGEL #1
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-007

All concentrations are reported in mg/L

		METHODS: SW 846-8260b				
SAMPLE LOCATION	**SAMPLE DATE**	**BENZENE**	**TOLUENE**	**ETHYL-BENZENE**	**m, p - XYLENES**	**o - XYLENE**
NMOCD Regulatory Limit		**0.01**	**0.75**	**0.75**	**0.62**	
MW - 9	02/16/10	Not Sampled Due to PSH in Well				
MW - 9	05/26/10	Not Sampled Due to PSH in Well				
MW - 9	08/23/10	Not Sampled Due to PSH in Well				
MW - 9	11/22/10	Not Sampled Due to PSH in Well				
MW - 10	02/16/10	Not Sampled Due to PSH in Well				
MW - 10	05/26/10	Not Sampled Due to PSH in Well				
MW - 10	08/23/10	Not Sampled Due to PSH in Well				
MW - 10	11/22/10	Not Sampled Due to PSH in Well				
MW - 11	02/16/10	Not Sampled on Current Sample Schedule				
MW - 11	05/26/10	Not Sampled on Current Sample Schedule				
MW - 11	08/23/10	Not Sampled on Current Sample Schedule				
MW - 11	11/22/10	Not Sampled Due to Insufficient Water in Well				
MW - 12	02/16/10	**0.156**	<0.010	<0.010	<0.010	
MW - 12	05/26/10	**0.054**	<0.010	<0.010	<0.010	
MW - 12	08/23/10	0.0076	<0.001	<0.001	<0.001	
MW - 12	11/22/10	<0.001	<0.001	<0.001	<0.001	
MW - 13	02/16/10	Not Sampled Due to PSH in Well				
MW - 13	05/26/10	Not Sampled Due to PSH in Well				
MW - 13	08/23/10	Not Sampled Due to PSH in Well				
MW - 13	11/22/10	Not Sampled Due to PSH in Well				
MW - 14	02/16/10	Not Sampled Due to PSH in Well				
MW - 14	05/26/10	Not Sampled Due to PSH in Well				
MW - 14	08/23/10	Not Sampled Due to PSH in Well				
MW - 14	11/22/10	Not Sampled Due to PSH in Well				
MW - 15	02/16/10	Not Sampled on Current Sample Schedule				
MW - 15	05/26/10	Not Sampled on Current Sample Schedule				
MW - 15	08/23/10	Not Sampled on Current Sample Schedule				
MW - 15	11/22/10	<0.001	<0.001	<0.001	<0.001	
MW - 16	02/16/10	Not Sampled on Current Sample Schedule				
MW - 16	05/26/10	Not Sampled on Current Sample Schedule				
MW - 16	08/23/10	Not Sampled on Current Sample Schedule				
MW - 16	11/22/10	<0.001	<0.001	<0.001	<0.001	

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
DARR ANGEL #1
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-007

All concentrations are reported in mg/L

		METHODS: SW 846-8260b				
SAMPLE LOCATION	**SAMPLE DATE**	**BENZENE**	**TOLUENE**	**ETHYL-BENZENE**	**m, p - XYLENES**	**o - XYLENE**
NMOCD Regulatory Limit		**0.01**	**0.75**	**0.75**	**0.62**	
MW - 17	02/16/10	<0.001	<0.001	<0.001	<0.001	
MW - 17	05/26/10	<0.001	<0.001	<0.001	<0.001	
MW - 17	08/23/10	<0.001	<0.001	<0.001	<0.001	
MW - 17	11/22/10	<0.001	<0.001	<0.001	<0.001	
MW - 18	02/16/10	Not Sampled on Current Sample Schedule				
MW - 18	05/26/10	Not Sampled on Current Sample Schedule				
MW - 18	08/23/10	Not Sampled on Current Sample Schedule				
MW - 18	11/22/10	<0.001	<0.001	<0.001	<0.001	
MW - 19	02/16/10	<0.001	<0.001	<0.001	<0.001	
MW - 19	05/26/10	<0.001	<0.001	<0.001	<0.001	
MW - 19	08/23/10	<0.001	<0.001	<0.001	<0.001	
MW - 19	11/22/10	<0.001	<0.001	<0.001	<0.001	
MW - 20	02/16/10	Not Sampled on Current Sample Schedule				
MW - 20	05/26/10	Not Sampled on Current Sample Schedule				
MW - 20	08/23/10	Not Sampled on Current Sample Schedule				
MW - 20	11/22/10	<0.001	<0.001	<0.001	<0.001	
MW - 21	02/16/10	<0.001	<0.001	<0.001	<0.001	
MW - 21	05/26/10	<0.001	<0.001	<0.001	<0.001	
MW - 21	08/23/10	<0.001	<0.001	<0.001	<0.001	
MW - 21	11/22/10	<0.001	<0.001	<0.001	<0.001	
RW - 1	02/16/10	Not Sampled Due to PSH in Well				
RW - 1	05/26/10	Not Sampled Due to PSH in Well				
RW - 1	08/23/10	Not Sampled Due to PSH in Well				
RW - 1	11/22/10	Not Sampled Due to PSH in Well				
RW - 2	02/16/10	Not Sampled Due to PSH in Well				
RW - 2	05/26/10	Not Sampled Due to PSH in Well				
RW - 2	08/23/10	Not Sampled Due to PSH in Well				
RW - 2	11/22/10	Not Sampled Due to PSH in Well				
RW - 3	02/16/10	Not Sampled Due to PSH in Well				
RW - 3	05/26/10	Not Sampled Due to PSH in Well				
RW - 3	08/23/10	Not Sampled Due to PSH in Well				
RW - 3	11/22/10	Not Sampled Due to PSH in Well				

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
DARR ANGEL #1
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-007

All concentrations are reported in mg/L

		METHODS: SW 846-8260b				
SAMPLE LOCATION	**SAMPLE DATE**	**BENZENE**	**TOLUENE**	**ETHYL-BENZENE**	**m, p - XYLENES**	**o - XYLENE**
NMOCD Regulatory Limit		**0.01**	**0.75**	**0.75**	**0.62**	
RW - 4	02/16/10	Not Sampled Due to PSH in Well				
RW - 4	05/26/10	Not Sampled Due to PSH in Well				
RW - 4	08/23/10	Not Sampled Due to PSH in Well				
RW - 4	11/22/10	Not Sampled Due to PSH in Well				
RW - 5	02/16/10	Not Sampled Due to PSH in Well				
RW - 5	05/26/10	Not Sampled Due to PSH in Well				
RW - 5	08/23/10	Not Sampled Due to PSH in Well				
RW - 5	11/22/10	Not Sampled Due to PSH in Well				
RW - 6	02/16/10	Not Sampled Due to PSH in Well				
RW - 6	05/26/10	Not Sampled Due to PSH in Well				
RW - 6	08/23/10	Not Sampled Due to PSH in Well				
RW - 6	11/22/10	Not Sampled Due to PSH in Well				
RW - 7	02/16/10	Not Sampled Due to PSH in Well				
RW - 7	05/26/10	Not Sampled Due to PSH in Well				
RW - 7	08/23/10	Not Sampled Due to PSH in Well				
RW - 7	11/22/10	Not Sampled Due to PSH in Well				
RW - 8	02/16/10	Not Sampled Due to PSH in Well				
RW - 8	05/26/10	Not Sampled Due to PSH in Well				
RW - 8	08/23/10	Not Sampled Due to PSH in Well				
RW - 8	11/22/10	Not Sampled Due to PSH in Well				
RW - 9	02/16/10	Not Sampled Due to PSH in Well				
RW - 9	05/26/10	Not Sampled Due to PSH in Well				
RW - 9	08/23/10	Not Sampled Due to PSH in Well				
RW - 9	11/22/10	Not Sampled Due to PSH in Well				
RW - 10	02/16/10	Not Sampled Due to PSH in Well				
RW - 10	05/26/10	Not Sampled Due to PSH in Well				
RW - 10	08/23/10	Not Sampled Due to PSH in Well				
RW - 10	11/22/10	Not Sampled Due to PSH in Well				
RW - 11	02/16/10	Not Sampled Due to PSH in Well				
RW - 11	05/26/10	Not Sampled Due to PSH in Well				
RW - 11	08/23/10	Not Sampled Due to PSH in Well				
RW - 11	11/22/10	Not Sampled Due to PSH 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 #1
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	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		—	—	—	**0.0001 mg/L**	**0.0007 mg/L**	**0.0002 mg/L**	—	**0.0002 mg/L**	**0.0002 mg/L**	**0.0003 mg/L**	—	—	**0.0004 mg/L**	—	—	**0.03 mg/L**			—
MW-1	11/24/08	<0.000183	0.00485	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.0167	<0.000183	0.0205	<0.000183	**0.122**	**0.173**	**0.250**	0.0106
	12/08/09	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	**0.0164**	<0.000922	<0.000922	0.0719	<0.000922	0.106	<0.000922	**0.350**	**0.748**	**1.09**	0.0436
	11/22/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/24/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.00255	<0.000183	0.00282	<0.000183	0.0285	**0.0234**	**0.0302**	0.00174
	12/07/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00482	<0.000184	0.00625	<0.000184	**0.0435**	**0.0536**	**0.0528**	0.00314
	11/22/10	Not Sampled for PAH due to presence of PSH.																		
MW-3	11/24/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00377	<0.000184	0.0037	<0.000184	**0.0601**	**0.0455**	**0.0625**	0.00292
	12/07/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00242	<0.000184	0.00262	<0.000184	**0.0372**	**0.0396**	**0.0451**	0.00191
	11/22/10	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	0.00899	<0.000186	0.0136	<0.000186	**0.0673**	**0.0915**	**0.115**	0.00579
MW-4	11/24/08	<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
	12/07/09	<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
	11/22/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/24/08	<0.000917	0.00806	0.0424	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	0.0326	<0.000917	0.0427	<0.000917	**0.136**	**0.261**	**0.372**	0.0201
	12/08/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.00262**	<0.000184	<0.000184	0.0122	<0.000184	0.0172	<0.000184	**0.0779**	**0.137**	**0.194**	0.00767
	11/22/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/24/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00321	<0.000184	0.00322	<0.000184	0.0217	**0.0339**	**0.015**	0.00251
	12/07/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00129	<0.000184	0.00144	<0.000184	0.00437	0.0133	0.00426	0.00125
	11/22/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	11/24/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
	12/07/09	<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
	11/22/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/25/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.135	<0.000184	0.188	<0.000184	**0.529**	**1.26**	**1.86**	0.0861
	12/08/09	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	**0.0165**	<0.000917	<0.000917	0.0789	<0.000917	0.113	<0.000917	**0.359**	**0.839**	**1.14**	0.0566
	11/22/10	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 3

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
DARR ANGELL #1
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	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		--	--	--	**0.0001 mg/L**	**0.0007 mg/L**	**0.0002 mg/L**	--	**0.0002 mg/L**	**0.0002 mg/L**	**0.0003 mg/L**	--	--	**0.0004 mg/L**	--	--	**0.03 mg/L**			--
MW-9	11/25/08	<0.000184	0.00163	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.00172**	<0.000184	<0.000184	0.00846	<0.000184	0.0104	<0.000184	**0.0641**	**0.0851**	**0.112**	0.00578
	12/07/09	Not Sampled due to insufficient water volume																		
	11/22/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	11/24/08	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.0382	<0.000922	0.0512	<0.000922	**0.212**	**0.382**	**0.537**	0.0286
	12/08/09	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	**0.0357**	<0.000917	<0.000917	0.172	<0.000917	0.245	<0.000917	**0.856**	**1.89**	**2.64**	0.112
	11/22/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	11/24/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
	12/07/09	<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
	11/22/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/24/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.000696	<0.000183	<0.000183	<0.000183	0.000648	0.000372	<0.000183	0.00145
	12/07/09	<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	0.000615	<0.000184	<0.000184	0.000706
	11/22/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-13	11/24/08	Not Sampled due to insufficient water volume																		
	12/07/09	Not Sampled due to insufficient water volume																		
	11/22/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-14	11/24/08	Not Sampled due to insufficient water volume																		
	12/07/09	Not Sampled due to insufficient water volume																		
	11/22/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-15	11/24/08	<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
	12/07/09	<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
	11/22/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	11/24/08	<0.000185	<0.000185	0.000888	**0.000959**	**0.000847**	**0.000814**	0.00102	**0.000879**	0.000958	<0.000185	0.0013	0.000417	**0.001**	0.00076	0.0012	<0.000185	0.000216	0.000313	<0.000185
	12/07/09	<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
	11/22/10	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 3

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
DARR ANGELL #1
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	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	---	0.0001 mg/L	0.0007 mg/L	0.0002 mg/L	---	0.0002 mg/L	0.0002 mg/L	0.0003 mg/L	---	---	0.0004 mg/L	---	---	0.03 mg/L			---
MW-17	11/24/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
	12/07/09	<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
	11/22/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-18	11/24/08	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	0.000216	0.000245	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187
	12/07/09	<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
	11/22/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-19	11/24/08	<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
	12/07/09	<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
	11/22/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-20	11/24/08	<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
	12/07/09	<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
	11/22/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-21	11/24/08	<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
	12/07/09	<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
	11/22/10	Not Sampled as part of Quarterly Monitoring Event.																		
RW-1	11/24/08	Not Sampled due to insufficient water volume																		
	12/07/09	Not Sampled due to insufficient water volume																		
	11/22/10	Not Sampled as part of Quarterly Monitoring Event.																		
RW-2	11/25/08	Not Sampled due to insufficient water volume																		
	12/08/09	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	**0.0379**	<0.00184	<0.00184	0.162	<0.00184	0.256	<0.00184	**0.798**	**1.74**	**2.60**	0.0964
	11/22/10	Not Sampled as part of Quarterly Monitoring Event.																		
RW-3	11/25/08	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	**0.0218**	<0.000917	<0.000917	0.0966	<0.000917	0.129	<0.000917	**0.400**	**0.888**	**1.31**	0.0633
	12/08/09	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	**0.0506**	<0.00183	<0.00183	0.210	<0.00183	0.321	<0.00183	**1.02**	**2.27**	**3.29**	0.130
	11/22/10	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 3

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
DARR ANGELL #1
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	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		--	--	--	**0.0001 mg/L**	**0.0007 mg/L**	**0.0002 mg/L**	--	**0.0002 mg/L**	**0.0002 mg/L**	**0.0003 mg/L**	--	--	**0.0004 mg/L**	--	--	**0.03 mg/L**			--
RW-4	11/25/08	Not Sampled due to insufficient water volume																		
	12/08/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	**0.00224**	<0.000183	<0.000183	0.011	<0.000183	0.0161	<0.000183	**0.0801**	**0.134**	**0.184**	0.00772
	11/22/10	Not Sampled as part of Quarterly Monitoring Event.																		
RW-5	11/25/08	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	0.0218	<0.000917	0.0273	<0.000917	**0.132**	**0.17**	**0.254**	0.013
	12/08/09	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	**0.0166**	<0.000917	<0.000917	0.0726	<0.000917	0.105	<0.000917	**0.338**	**0.726**	**1.07**	0.0426
	11/22/10	Not Sampled as part of Quarterly Monitoring Event.																		
RW-6	11/25/08	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	**0.0286**	<0.000917	<0.000917	0.126	<0.000917	0.167	<0.000917	**0.564**	**1.33**	**1.93**	0.0751
	12/08/09	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	**0.0110**	<0.000922	<0.000922	0.0330	<0.000922	0.0456	<0.000922	**0.175**	**0.327**	**0.462**	0.0180
	11/22/10	Not Sampled as part of Quarterly Monitoring Event.																		
RW-7	11/25/08	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	**0.0254**	<0.000922	<0.000922	0.106	<0.000922	0.143	<0.000922	**0.477**	**1.07**	**1.55**	0.0709
	12/08/09	<0.00862	<0.00862	<0.00862	<0.00862	<0.00862	<0.00862	<0.00862	<0.00862	**0.191**	<0.00862	<0.00862	0.844	<0.00862	1.28	<0.00862	**3.95**	**9.15**	**13.1**	0.531
	11/22/10	Not Sampled as part of Quarterly Monitoring Event.																		
RW-8	11/25/08	<0.00459	<0.00459	<0.00459	<0.00459	<0.00459	<0.00459	<0.00459	<0.00459	<0.00459	<0.00459	<0.00459	0.342	<0.00459	0.436	<0.00459	**1.17**	**2.87**	**4.15**	0.214
	12/08/09	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	**0.116**	<0.00461	<0.00461	0.480	<0.00461	0.704	<0.00461	**2.16**	**5.04**	**7.19**	0.294
	11/22/10	Not Sampled as part of Quarterly Monitoring Event.																		
RW-9	11/25/08	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	0.064	<0.000917	0.0838	<0.000917	**0.294**	**0.587**	**0.841**	0.0448
	12/08/09	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	**0.0186**	<0.00183	<0.00183	0.0795	<0.00183	0.117	<0.00183	**0.402**	**0.890**	**1.24**	0.0576
	11/22/10	Not Sampled as part of Quarterly Monitoring Event.																		
RW-10	11/25/08	Not Sampled due to insufficient water volume																		
	12/08/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.00496	<0.000183	0.00643	<0.000183	**0.0478**	**0.0674**	**0.0898**	0.00344
	11/22/10	Not Sampled as part of Quarterly Monitoring Event.																		
RW-11	11/25/08	0.0062	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	**0.0105**	<0.000917	<0.000917	0.0426	<0.000917	0.0571	<0.000917	**0.145**	**0.322**	**0.441**	0.0269
	12/08/09	Not Sampled due to pump stuck in well																		
	11/22/10	Not Sampled as part of Quarterly Monitoring Event.																		

Appendices

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

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

SUBMIT 2 COPIES TO APPROPRIATE DISTRICT OFFICE IN ACCORDANCE WITH RULE 116 PRINTED ON BACK SIDE OF FORM

NOTIFICATION OF FIRE, BREAKS, SPILLS, LEAKS, AND BLOWOUTS

OPERATOR: EOTT Energy Pipeline				ADDRESS: PO Box 1660 Midland			TELEPHONE #: 915/687-2040
REPORT OF:	FIRE	BREAK	SPILL	LEAK ✓	BLOWOUT	OTHER*	
TYPE OF FACILITY:	DRLG WELL	PROD WELL	TANK BTRY	PIPE LINE ✓	GASO PLNT	OIL RFY	OTHER*

FACILITY NAME:

LOCATION OF FACILITY (Q-Q-Sec. or Footage)	SEC. 11	TWP. 15S	RGE. 37E	COUNTY: Lea

DISTANCE AND DIRECTION FROM NEAREST TOWN OR PROMINENT LANDMARK: 22 miles E of Lovington on Hwy Plains Hwy

DATE AND HOUR OF OCCURRENCE: 5/1/97 2:00 PM				DATE AND HOUR OF DISCOVERY: Same	
WAS IMMEDIATE NOTICE GIVEN?	YES ✓	NO	NOT REQUIRED	IF YES, TO WHOM: Karen	
BY WHOM: Lennah Frost				DATE AND HOUR: 5-2-97 10am	
TYPE OF FLUID LOST: Crude Oil				QUANTITY OF LOSS: 25 bbls	VOLUME RECOVERED: 15 bbls

DID ANY FLUIDS REACH A WATERCOURSE?	YES	NO ✓	QUANTITY

IF YES, DESCRIBE FULLY**

DESCRIBE CAUSE OF PROBLEM AND REMEDIAL ACTION TAKEN**
Internal Corrosion - Clamped & will replace pipe

DESCRIBE AREA AFFECTED AND CLEANUP ACTION TAKEN**
Area is rocky. Will be excavated & disposed of at Gandy Sandfarm

DESCRIPTION OF AREA	FARMING	GRAZING ✓	URBAN	OTHER*				
SURFACE CONDITIONS	SANDY	SANDY LOAM	CLAY	ROCKY ✓	WET	DRY	SNOW	

DESCRIBE GENERAL CONDITIONS PREVAILING (TEMPERATURE, PRECIPITATION, ETC.)**
Clear

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

SIGNED: Lennah Frost PRINTED NAME AND TITLE: Lennah Frost ENV Eng DATE: 5-5-97

*SPECIFY

**ATTACH ADDITIONAL SHEETS IF NECESSARY