AP - 7

Darr Angell #1

ANNUAL MONITORING REPORT

YEAR(S): 2009

2009
ANNUAL MONITORING REPORT

RECEIVED
MAR 25 2010
Environmental Bureau
Oil Conservation Division

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

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

PLAINS
ALL AMERICAN

March 22, 2010

RECEIVED
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

RECEIVED
MAR 25 2010
Environmental Bureau
Oil Conservation Division

CC: Larry Johnson, NMOCD, Hobbs, NM

Enclosures

TABLE OF CONTENTS

FIGURES

TABLES

APPENDICES

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 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 2009 only. However, historic data tables as well as 2009 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 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 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-2 through RW-6 and RW-9 through RW-11 use a total fluid skimmer pump for PSH recovery. Currently, recovery wells RW-7 and RW-8 are utilizing total fluid pumps 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 twenty-one monitor wells and recovery wells during the reporting period. The average thickness of PSH in recovery wells containing PSH

during 2009 was 2.37 feet. A maximum PSH thickness of 9.04 feet was reported in recovery well RW-11 on May 27, 2009. Approximately 623 gallons (14.8 barrels) of PSH were recovered from the site during the 2009 reporting period. A total of approximately 54,619 gallons (1,300 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 23, May 27, August 20, and December 8, 2009. 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 2009 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 0.004 feet/foot to the southeast as measured between groundwater monitor wells MW-2 and MW-7. This is consistent with data presented on Figures 2A through 2C from earlier in the year. The corrected groundwater elevation has ranged between 3,722.19 and 3,728.61 feet above mean sea level, in recovery well RW-6 on December 8, 2009 and monitor well MW-2 on August 11, 2009, 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 first three quarters of 2009. Monitor well MW-2 contained measurable PSH during five separate gauging events during the 1st and 2nd quarters.

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 monitored on a quarterly schedule. Monitor well MW-1 was not sampled during the 1st, 2nd and 3rd quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 5.99 feet, 6.03 feet and 6.10 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 2.970 mg/L. Toluene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 2.840 mg/L. Ethyl-benzene concentrations were below NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 0.646 mg/L. Xylene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 2.140 mg/L. Analytical results indicated a total TPH result of 83.8 mg/L. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for naphthalene (0.350 mg/L), 1-methylnaphthalene (0.748 mg/L), 2-methylnaphthalene (1.09 mg/L) and chrysene (0.0164 mg/L). Additional PAH constituents detected above MDLs include fluorene (0.0719 mg/L), phenanthrene (0.106 mg/L) and dibenzofuran (0.0436 mg/L), which are below WQCC standards.

Monitor well MW-2 is monitored on a quarterly schedule and was inadvertently not sampled during the 1st quarter of the reporting period. Analytical results indicate benzene concentrations ranged from 0.0410 mg/L during the 2nd quarter to 0.229 mg/L during the 4th quarter. Benzene concentrations were above the NMOCD regulatory standard during the 2nd, 3rd and 4th quarters of the reporting period. Toluene concentrations ranged from 0.257 mg/L during the 2nd quarter to 0.522 mg/L during the 3rd quarter. Toluene concentrations were below the NMOCD regulatory standards during the 2nd, 3rd and 4th quarters of the reporting period. Ethyl-benzene concentrations ranged from 0.317 mg/L during the 2nd quarter to 0.545 mg/L during the 4th quarter of 2009. Ethyl-benzene concentrations were below NMOCD regulatory standards during the 2nd, 3rd and 4th quarters of the reporting period. Xylene concentrations ranged from 0.7680 mg/L during the 2nd quarter to 1.310 mg/L during the 4th quarter of 2009. Xylene concentrations were above NMOCD regulatory standards during the 2nd, 3rd and 4th quarters of the reporting

period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for naphthalene (0.0435 mg/L), 1-methylnaphthalene (0.0536 mg/L) and 2-methylnaphthalene (0.0528 mg/L). Additional PAH constituents detected above MDLs include fluorene (0.00482 mg/L), phenanthrene (0.00625 mg/L) and dibenzofuran (0.00314 mg/L), which are below WQCC standards.

Monitor well MW-3 is monitored on a quarterly schedule and was inadvertently not sampled during the 1st quarter of the reporting period. Analytical results indicate benzene concentrations ranged from <0.010 mg/L during the 3rd quarter to 0.0749 mg/L during the 2nd quarter. Benzene concentrations were above the NMOCD regulatory standard during the 2nd and 4th quarters of the reporting period. Toluene concentrations ranged from 0.0367 mg/L during the 4th quarter to 0.0694 mg/L during the 2nd quarter. Toluene concentrations were below the NMOCD regulatory standards during the 2nd, 3rd and 4th quarters of the reporting period. Ethyl-benzene concentrations ranged from 0.500 mg/L during the 3rd quarter to 0.552 mg/L during the 2nd quarter of 2009. Ethyl-benzene concentrations were below NMOCD regulatory standards during the 2nd, 3rd and 4th quarters of the reporting period. Xylene concentrations ranged from 0.790 mg/L during the 3rd quarter to 1.040 mg/L during the 2nd and 4th quarters of 2009. Xylene concentrations were above NMOCD regulatory standards during the 2nd, 3rd and 4th quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for naphthalene (0.0372 mg/L), 1-methylnaphthalene (0.0396 mg/L) and 2-methylnaphthalene (0.0451 mg/L). Additional PAH constituents detected above MDLs include fluorene (0.00242 mg/L), phenanthrene (0.00262 mg/L) and dibenzofuran (0.00191 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-four consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-5 is monitored on a quarterly schedule. Monitor well MW-5 was not sampled during the 1st, 2nd and 3rd quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 8.27 feet, 7.93 feet and 5.14 feet were reported during the 1st, 2nd and 3rd quarters of 2009, respectively. Benzene concentrations were above the NMOCD regulatory standard during the 4th quarter of the reporting period with a concentration of 1.690 mg/L. Toluene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 2.310 mg/L. Ethyl-benzene concentrations were below NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 0.534 mg/L. Xylene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 1.830 mg/L. Analytical results indicated a total TPH result of 139.2 mg/L. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for naphthalene (0.0779 mg/L), 1-methylnaphthalene (0.137 mg/L), 2-methylnaphthalene (0.194 mg/L) and chrysene (0.00262 mg/L). Additional PAH constituents detected above MDLs include fluorene (0.0122 mg/L),

phenanthrene (0.0172 mg/L) and dibenzofuran (0.00767 mg/L), which are below WQCC standards.

Monitor well MW-6 is monitored on a quarterly schedule and was inadvertently not sampled during the 1st quarter of the reporting period. Analytical results indicate benzene concentrations ranged from 0.883 mg/L during the 4th quarter to 1.330 mg/L during the 2nd quarter. Benzene concentrations were above the NMOCD regulatory standard during the 2nd, 3rd and 4th quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory standards during the 2nd, 3rd and 4th quarters of the reporting period. Ethyl-benzene concentrations ranged from 0.0212 mg/L during the 4th quarter to 0.184 mg/L during the 3rd quarter of 2009. Ethyl-benzene concentrations were below NMOCD regulatory standards during the 2nd, 3rd and 4th quarters of the reporting period. Xylene concentrations ranged from <0.020 mg/L during the 4th quarter to 0.490 mg/L during the 2nd quarter of 2009. Xylene concentrations were above NMOCD regulatory standards during the 2nd, 3rd and 4th quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above MDLs for naphthalene (0.00437 mg/L), 1-methylnaphthalene (0.0133 mg/L), 2-methylnaphthalene (0.00426 mg/L), fluorene (0.00129 mg/L), phenanthrene (0.00144 mg/L) and dibenzofuran (0.00125 mg/L), which are below WQCC standards.

Monitor well MW-7 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 event. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-8 is monitored on a quarterly schedule. Monitor well MW-8 was not sampled during the 1st, 2nd and 3rd quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 0.79 feet, 0.92 feet and 0.62 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 0.802 mg/L. Toluene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 1.820 mg/L. Ethyl-benzene concentrations were below NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 0.641 mg/L. Xylene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 1.860 mg/L. Analytical results indicated a total TPH result of 92.6 mg/L. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for naphthalene (0.359 mg/L), 1-methylnaphthalene (0.839 mg/L), 2-methylnaphthalene (1.14 mg/L) and chrysene (0.0165 mg/L). Additional PAH constituents detected above MDLs include fluorene (0.0789 mg/L), phenanthrene (0.113 mg/L) and dibenzofuran (0.0566 mg/L), which are below WQCC standards.

Monitor well MW-9 is monitored on a quarterly schedule. Monitor well MW-9 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. PSH thicknesses of 6.26 feet, 6.34 feet and 7.02 feet were reported during the 1st, 2nd and

3rd quarters of 2009, respectively. PAH analysis was not conducted due to insufficient water volume in the well.

Monitor well MW-10 is monitored on a quarterly schedule. Monitor well MW-10 was not sampled during the 1st, 2nd and 3rd quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 0.95 feet, 0.91 feet and 0.85 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 3.340 mg/L. Toluene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 1.180 mg/L. Ethyl-benzene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 1.110 mg/L. Xylene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 2.510 mg/L. Analytical results indicated a total TPH result of 37.4 mg/L. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for naphthalene (0.856 mg/L), 1-methylnaphthalene (1.89 mg/L), 2-methylnaphthalene (2.64 mg/L) and chrysene (0.0357 mg/L). Additional PAH constituents detected above MDLs include fluorene (0.172 mg/L), phenanthrene (0.245 mg/L) and dibenzofuran (0.112 mg/L), which are below WQCC standards.

Monitor well MW-11 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 during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-12 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.257 mg/L during the 3rd quarter to 0.539 mg/L during the 4th quarter of 2009. Benzene concentrations were above NMOCD regulatory standards during all four 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 during the 4th quarter sampling event indicated elevated concentrations above MDLs for naphthalene (0.000615 mg/L) and dibenzofuran (0.000706 mg/L), which are below WQCC standards.

Monitor well MW-13 is monitored on a quarterly schedule. Monitor well MW-13 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. PSH thicknesses of 1.57 feet, 1.99 feet and 1.45 feet were reported during the 1st, 2nd and 3rd quarters of 2009, respectively. PAH analysis was not conducted due to insufficient water volume in the well.

Monitor well MW-14 is monitored on a quarterly schedule. Monitor well MW-14 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. PSH thicknesses of 3.10 feet, 2.63 feet and 2.80 feet were reported during the 1st, 2nd and 3rd quarters of 2009, respectively. PAH analysis was not conducted due to insufficient water volume in the well.

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

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

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

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

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

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

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 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 in the monitor well and was not sampled during the 4th quarter due to insufficient water volume in the well. Recovery well RW-1 was not gauged during the 2nd, 3rd and 4th quarter sampling events due to an absence of groundwater in the monitor well. PSH thickness of 1.43 feet was reported during the 1st quarter of 2009. PAH analysis was not conducted due to insufficient water volume in the well.

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 in the monitor well. PSH thicknesses of 6.15 feet, 6.00 feet and 5.83 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 4.780 mg/L. Toluene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 3.460 mg/L. Ethyl-benzene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 1.130 mg/L. Xylene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 3.440 mg/L. Analytical results indicated a total TPH result of 73.9 mg/L. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for naphthalene (0.798 mg/L), 1-methylnaphthalene (1.74 mg/L), 2-methylnaphthalene (2.60 mg/L) and chrysene (0.0379 mg/L). Additional PAH constituents detected above MDLs include fluorene (0.162 mg/L), phenanthrene (0.256 mg/L) and dibenzofuran (0.0964 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 1.07 feet, 1.18 feet and 1.13 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 5.180 mg/L. Toluene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 2.720 mg/L. Ethyl-benzene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 0.960 mg/L. Xylene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 2.970 mg/L. Analytical results indicated a total TPH result of 124.6 mg/L. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for chrysene (0.0506 mg/L), naphthalene (1.02 mg/L), 1-methylnaphthalene (2.27 mg/L) and 2-methylnaphthalene (3.29 mg/L). Additional PAH constituents detected above MDLs include fluorene (0.210 mg/L), phenanthrene (0.321 mg/L) and dibenzofuran (0.130 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 in the monitor well and was not sampled during the 3rd quarter due to insufficient water volume in the well. PSH thicknesses of 6.76 feet and 6.46 feet were reported during the 1st and 2nd quarters of 2009. Analytical results indicated a total TPH result of 62.4 mg/L. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for chrysene (0.00224 mg/L), naphthalene (00801 mg/L), 1-methylnaphthalene (0.134 mg/L) and 2-methylnaphthalene (0.1843.29 mg/L). Additional PAH constituents detected above MDLs include fluorene (0.011 mg/L), phenanthrene (0.0161 mg/L) and dibenzofuran (0.0772 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 6.21 feet, 6.06 feet and 5.55 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 4.550 mg/L. Toluene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 3.670 mg/L. Ethyl-benzene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 0.825 mg/L. Xylene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 2.700 mg/L. Analytical results indicated a total TPH result of 139.6 mg/L. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for naphthalene (0.338 mg/L), 1-methylnaphthalene (0.726 mg/L), 2-methylnaphthalene (1.07 mg/L), chrysene (0.0166 mg/L). Additional PAH constituents detected above MDLs include fluorene (0.0726 mg/L), phenanthrene (0.105 mg/L) and dibenzofuran (0.0426 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 5.75 feet, 5.49 feet and 4.84 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 5.080 mg/L. Toluene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 1.080 mg/L. Ethyl-benzene concentrations were below NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 0.636 mg/L. Xylene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 2.070 mg/L. Analytical results indicated a total TPH result of 55.4 mg/L. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for naphthalene (0.175 mg/L), 1-methylnaphthalene (0.327 mg/L), 2-methylnaphthalene (0.462 mg/L) and chrysene (0.0110 mg/L). Additional PAH constituents detected above MDLs include fluorene (0.0330 mg/L), phenanthrene (0.0456 mg/L) and dibenzofuran (0.0180 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. PSH thicknesses of 6.35 feet, 6.22 feet and 0.03 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 6.140 mg/L. Toluene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 3.650 mg/L. Ethyl-benzene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 1.150 mg/L. Xylene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 3.780 mg/L. Analytical results indicated a total TPH result of 175.5 mg/L. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for naphthalene (3.95 mg/L), 1-methylnaphthalene (9.15 mg/L), 2-methylnaphthalene (13.1 mg/L) and chrysene (0.191 mg/L). Additional PAH constituents detected above MDLs include fluorene (0.844 mg/L), phenanthrene (0.128 mg/L) and dibenzofuran (0.531 mg/L), which are below WQCC standards.

Recovery well RW-8 is monitored on a quarterly schedule. Recovery well RW-8 was not sampled during the 1st, 2nd and 3rd quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 7.31 feet, 7.21 feet and 7.29 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 4.670 mg/L. Toluene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 1.370 mg/L. Ethyl-benzene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 0.8160 mg/L. Xylene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 2.66 mg/L. Analytical results indicated a total TPH result of 119.8 mg/L. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for naphthalene (2.16 mg/L), 1-methylnaphthalene (5.04 mg/L), 2-methylnaphthalene (7.19 mg/L), and chrysene (0.116 mg/L). Additional PAH constituents detected above MDLs include fluorene (0.480 mg/L), phenanthrene (0.704 mg/L) and dibenzofuran (0.294 mg/L), which are below WQCC standards.

Recovery well RW-9 is monitored on a quarterly schedule. Recovery well RW-9 was not sampled during the 1st, 2nd and 3rd quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 6.11 feet, 6.35 feet and 6.94 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 2.500 mg/L. Toluene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 3.080 mg/L. Ethyl-benzene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 1.010 mg/L. Xylene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 2.93 mg/L. Analytical results indicated a total TPH result of 8.57 mg/L. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for naphthalene (0.402 mg/L), 1-methylnaphthalene (0.890 mg/L), 2-methylnaphthalene (1.24 mg/L) and chrysene (0.0186 mg/L). Additional PAH constituents detected above MDLs include fluorene (0.0795 mg/L), phenanthrene (0.117 mg/L) and dibenzofuran (0.0576 mg/L), which are below WQCC standards.

Recovery well RW-10 is monitored on a quarterly schedule. Recovery well RW-10 was not sampled during the 1st, 2nd and 3rd quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 6.33 feet, 6.31 feet and 0.03 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 2.050 mg/L. Toluene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 2.050 mg/L. Ethyl-benzene concentrations were below NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 0.439 mg/L. Xylene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 1.32 mg/L. Analytical results indicated a total TPH result of 24.16 mg/L. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for naphthalene (0.0478 mg/L), 1-methylnaphthalene (0.0674 mg/L) and 2-methylnaphthalene (0.0898 mg/L). Additional PAH

constituents detected above MDLs include fluorene (0.00496 mg/L), phenanthrene (0.00643 mg/L) and dibenzofuran (0.00344 mg/L), which are below WQCC standards.

Recovery well RW-11 is monitored on a quarterly schedule. Recovery well RW-11 was not sampled during the 1st and 3rd quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 7.94 feet and 9.04 feet were reported during the 1st and 3rd quarters of 2009, respectively. Recovery well RW-11 was not sampled during the 3rd and 4th quarters due to the automated pump being stuck in the well. PAH analysis was not conducted due to the automated pump being stuck 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. 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 2009 reporting period. Monitor wells MW-1, MW-5, MW-9 and recovery wells RW-2, RW-4 through 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 0.004 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 1st, 2nd and 3rd quarters of the reporting period. Monitor wells MW-1, MW-5, MW-8, MW-10 and recovery wells RW-2 through RW-10 contained measurable PSH and were sampled during the 4th quarter of the reporting period as per the NMOCD directive. Monitor wells MW-9, MW-13 and MW-14 and recovery wells RW-1 and RW-11 were not sampled during the 4th quarter due to the lack of sufficient water volume in the wells. Monitor wells MW-2, MW-3 and MW-6 did not contain measurable PSH during the reporting period, but were inadvertently not sampled during the 1st quarter of 2009.

Eighteen monitor and recovery wells contained measurable thicknesses of PSH during the reporting period. Approximately 623 gallons (14.8 barrels) of PSH was recovered from the site during the 2009 reporting period. A total of approximately 54,619 gallons (1,300 barrels) of PSH has been recovered since the start of product recovery.

The average thickness of PSH in recovery wells containing PSH during 2009 was 2.37 feet. In comparison, the average thickness of PSH in recovery wells containing PSH during 2008 was 2.07 feet. A maximum PSH thickness of 9.04 feet reported in recovery well RW-11 on May 27, 2009. 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 2009 monitoring period indicate the BTEX constituent concentrations are below applicable NMOCD standards in ten of the thirty-two monitor and recovery wells currently on-site. The remaining twenty-two 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, MW-3, MW-6 and MW-12 and to those monitor and recovery wells which exhibit PSH. Groundwater samples from monitor wells MW-1, MW-5, MW-8, MW-10 and recovery wells RW-2 through RW-10 exhibited elevated TPH concentrations for GRO and DRO. Review of PAH analysis indicates an increasing trend in constituent concentrations in eleven monitor wells and recovery wells (MW-1, MW-2 and MW-10 and RW-2 through RW-5 and RW-7 through RW-10) and a decreasing trend in five monitor wells (MW-3, MW-5, MW-6, MW-8 and MW-16) and recovery well RW-6.

ANTICIPATED ACTIONS

Groundwater monitoring, weekly product recovery, automated system maintenance and optimization will continue through 2010. An Annual Monitoring Report will be submitted to the NMOCD before April 1, 2011.

Based on the results of the PAH analysis over the past several years, NOVA recommends that further PAH analysis be conducted only on those monitor wells (MW-2, MW-3 and MW-6) 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

Copy 1 Ed Hansen
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

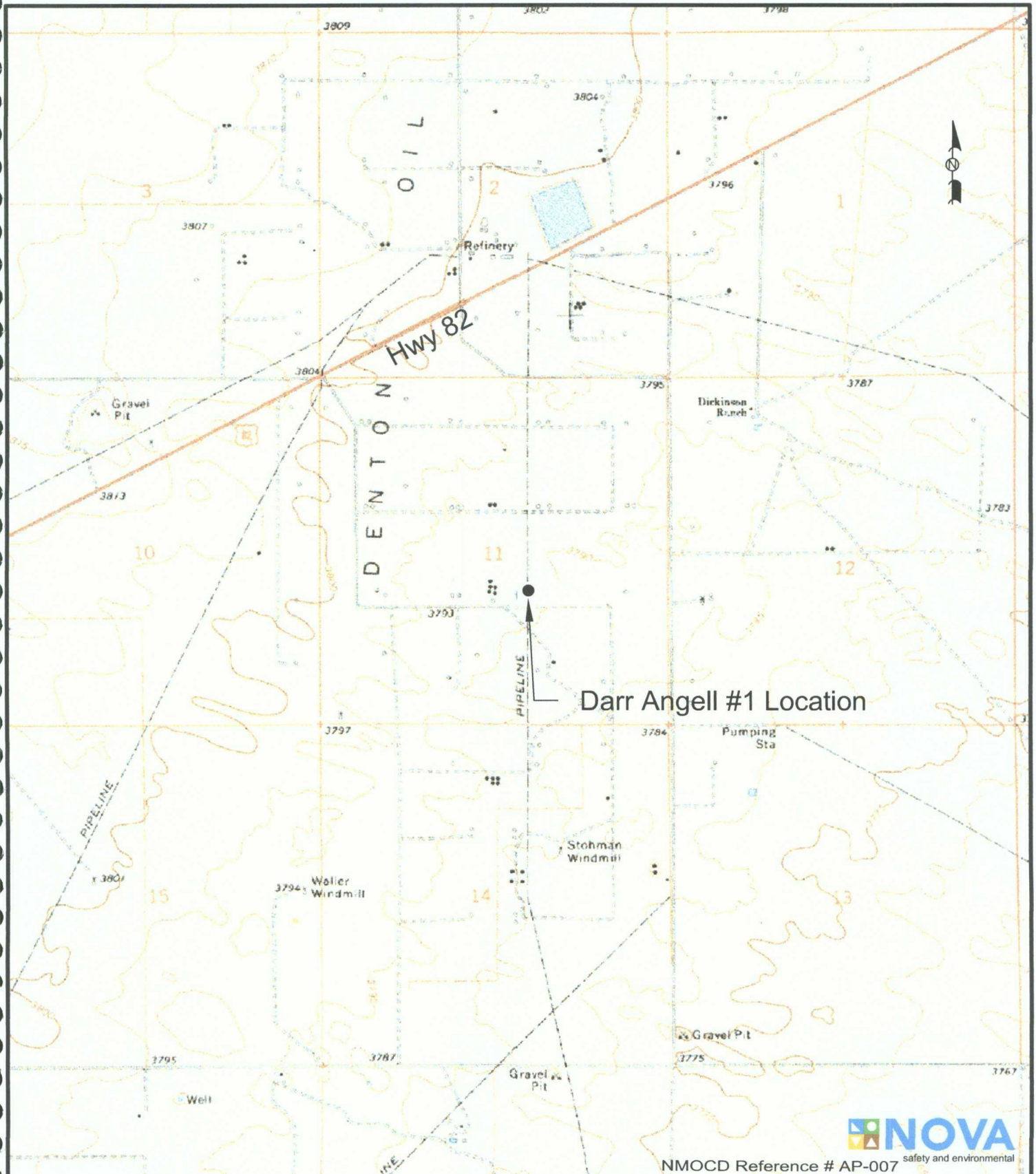
Copy 2: Larry Johnson
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division, District 1
1625 French Drive
Hobbs, NM 88240

Copy 3: Jason Henry
Plains Marketing, L.P.
2530 State Highway 214
Denver City, TX 79323
jhenry@paalp.com

Copy 4: Jeff Dann
Plains Marketing, L.P.
333 Clay Street
Suite 1600
Houston, TX 77002
jpdann@paalp.com

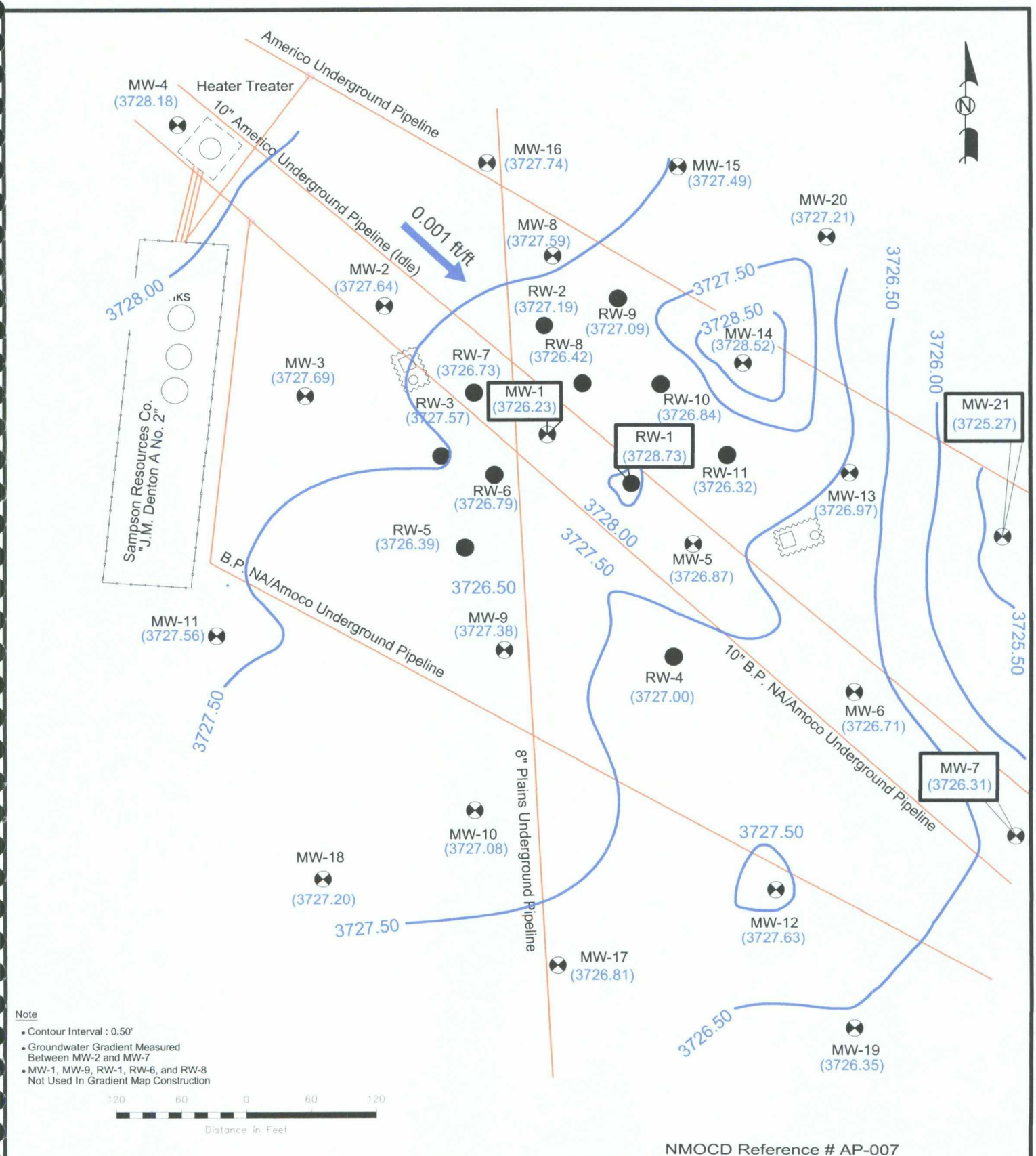
Copy 5: NOVA Safety and Environmental
2057 Commerce Street
Midland, TX 79703
rrounsaville@novatraining.cc

Figures



NMOCD Reference # AP-007

Location NW1/4 SE1/4 Sec 11 T15S R37E Lat. 33° 01' 36.0"N Long 103° 10' 00.7"W	Figure 1 Site Location Map Plains Marketing, L.P. Darr Angell #1 Lea County, NM	NOVA Safety and Environmental	
		Scale: 1"=2000'	Prep By: DPM / Checked By: MRE
		February 15, 2005	



NMOCD Reference # AP-007

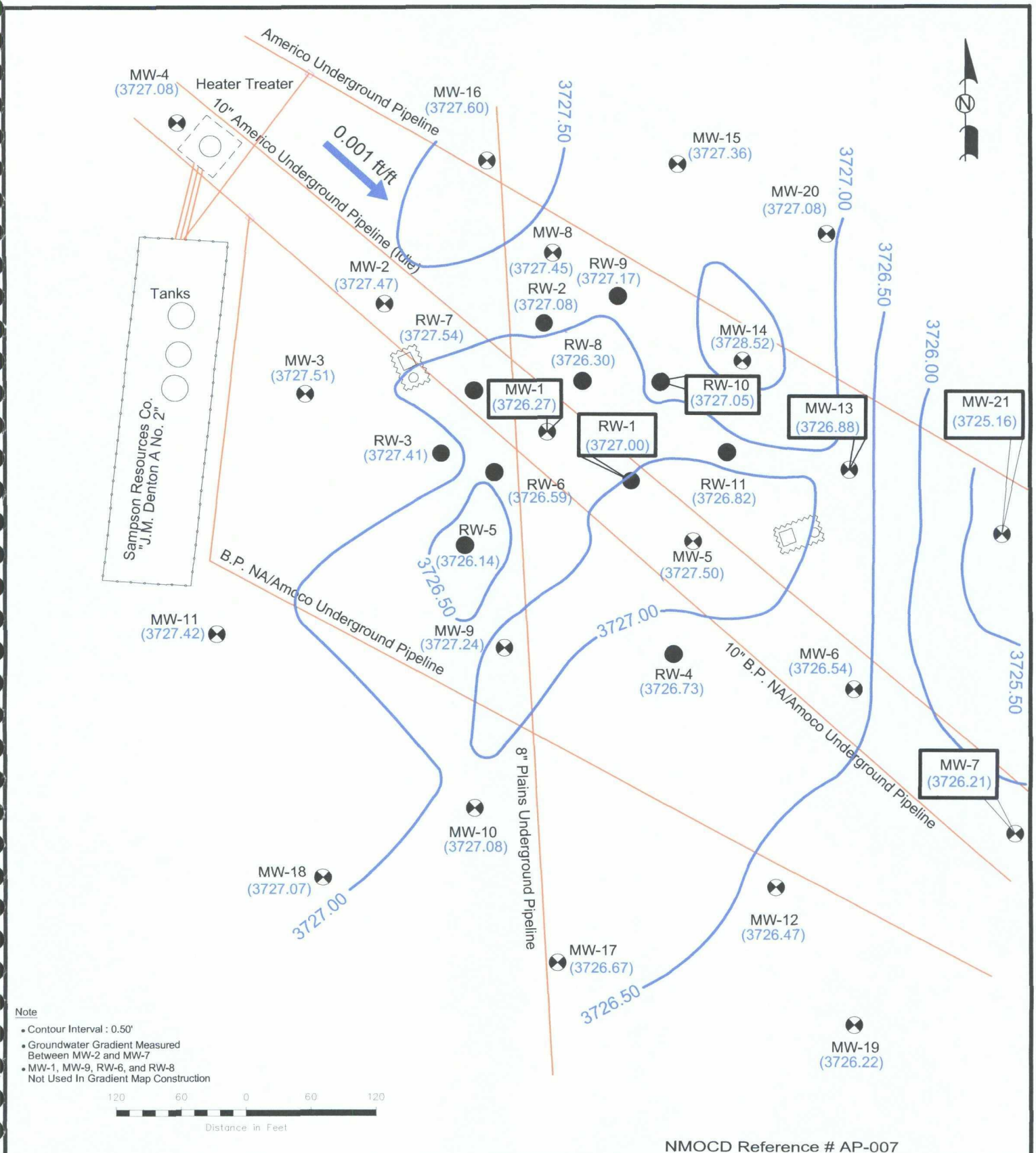
LEGEND:

- 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
(02/23/09)
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:TJL
June 17, 2009		



Note

- Contour Interval : 0.50'
- Groundwater Gradient Measured Between MW-2 and MW-7
- MW-1, MW-9, RW-6, and RW-8 Not Used In Gradient Map Construction

NMOCD Reference # AP-007

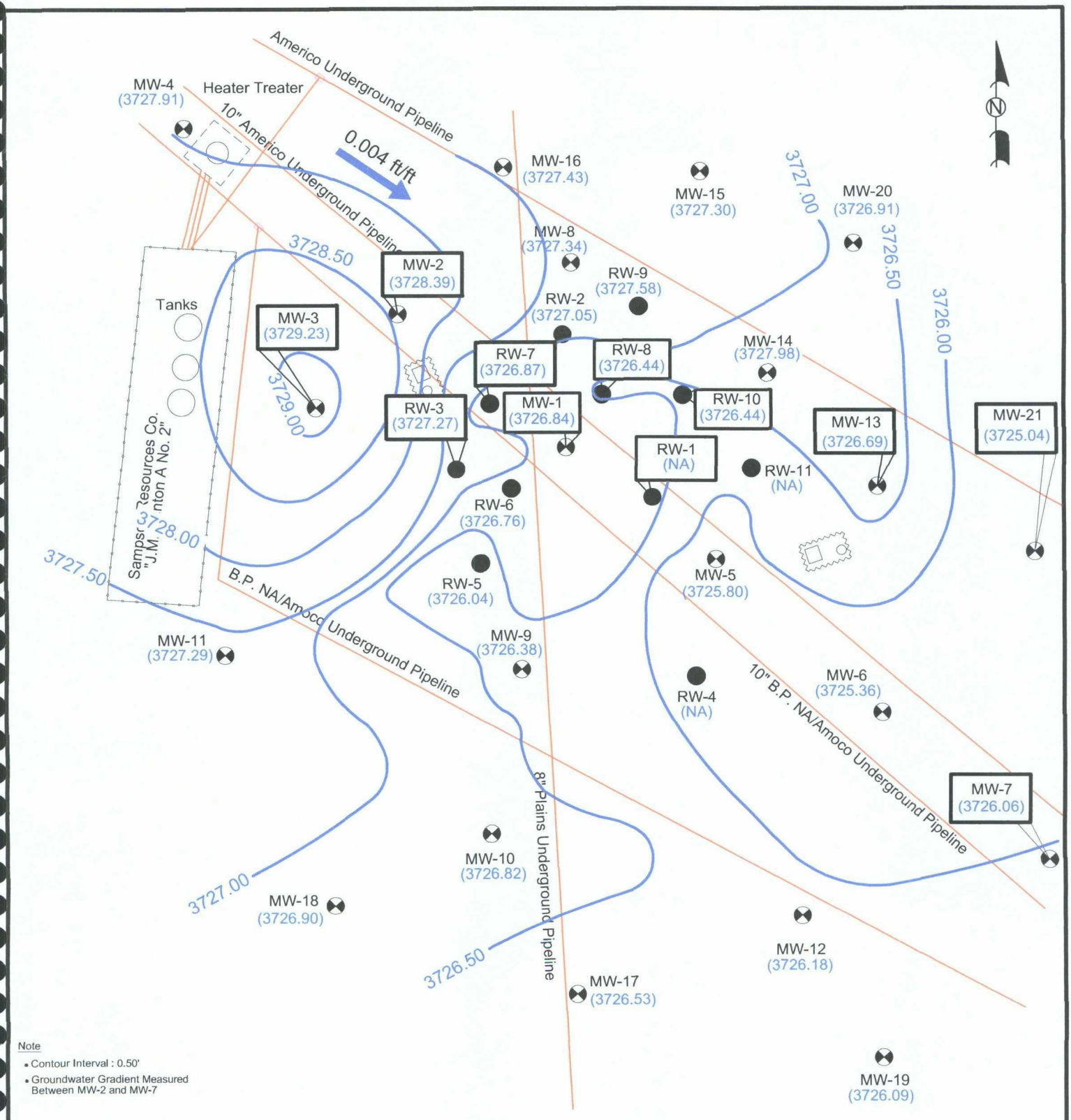
LEGEND:

- 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
(05/27/09)
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:TJL
June 17, 2009		



NMOCD Reference # AP-007

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 Gradient Map
(08/20/09)
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
October 15, 2009		

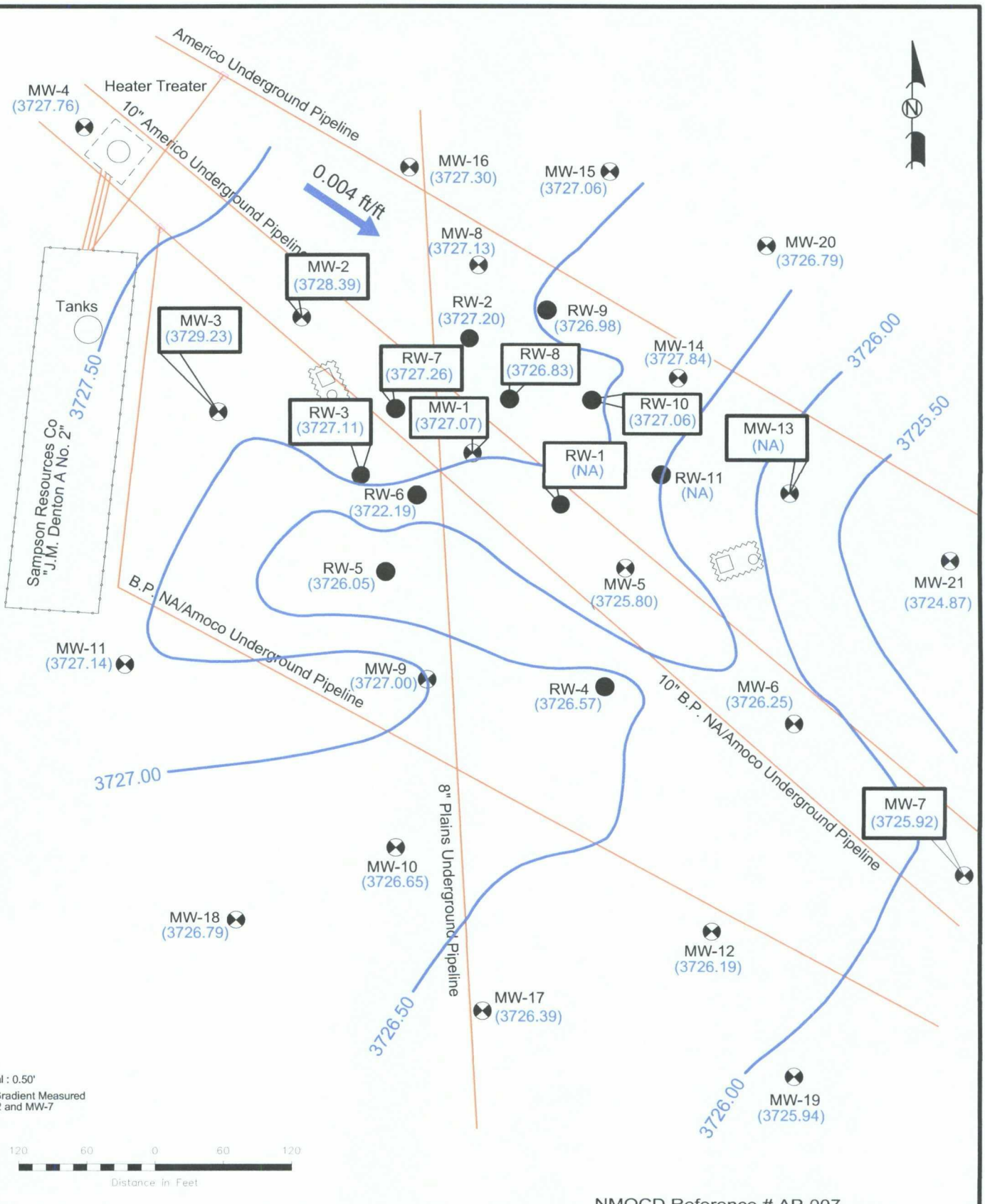
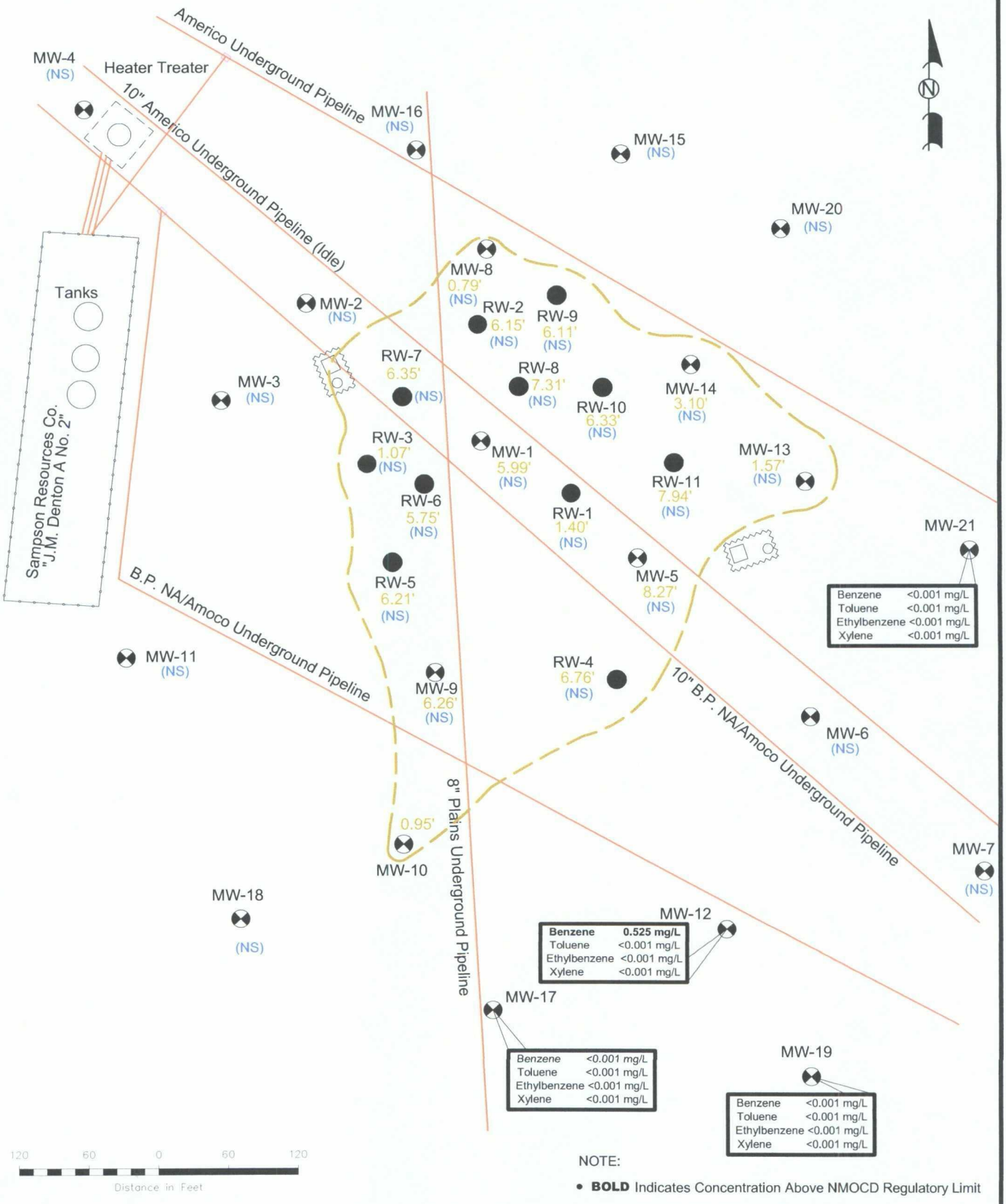


Figure 2D
Inferred Groundwater Gradient Map
(12/07/09 through 12/08/09)
Plains Marketing, L.P.
Darr Angell #1
Lea County, NM

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
January 20, 2010		



NOTE:

- **BOLD** Indicates Concentration Above NMOCD Regulatory Limit

NMOCD Reference # AP-007

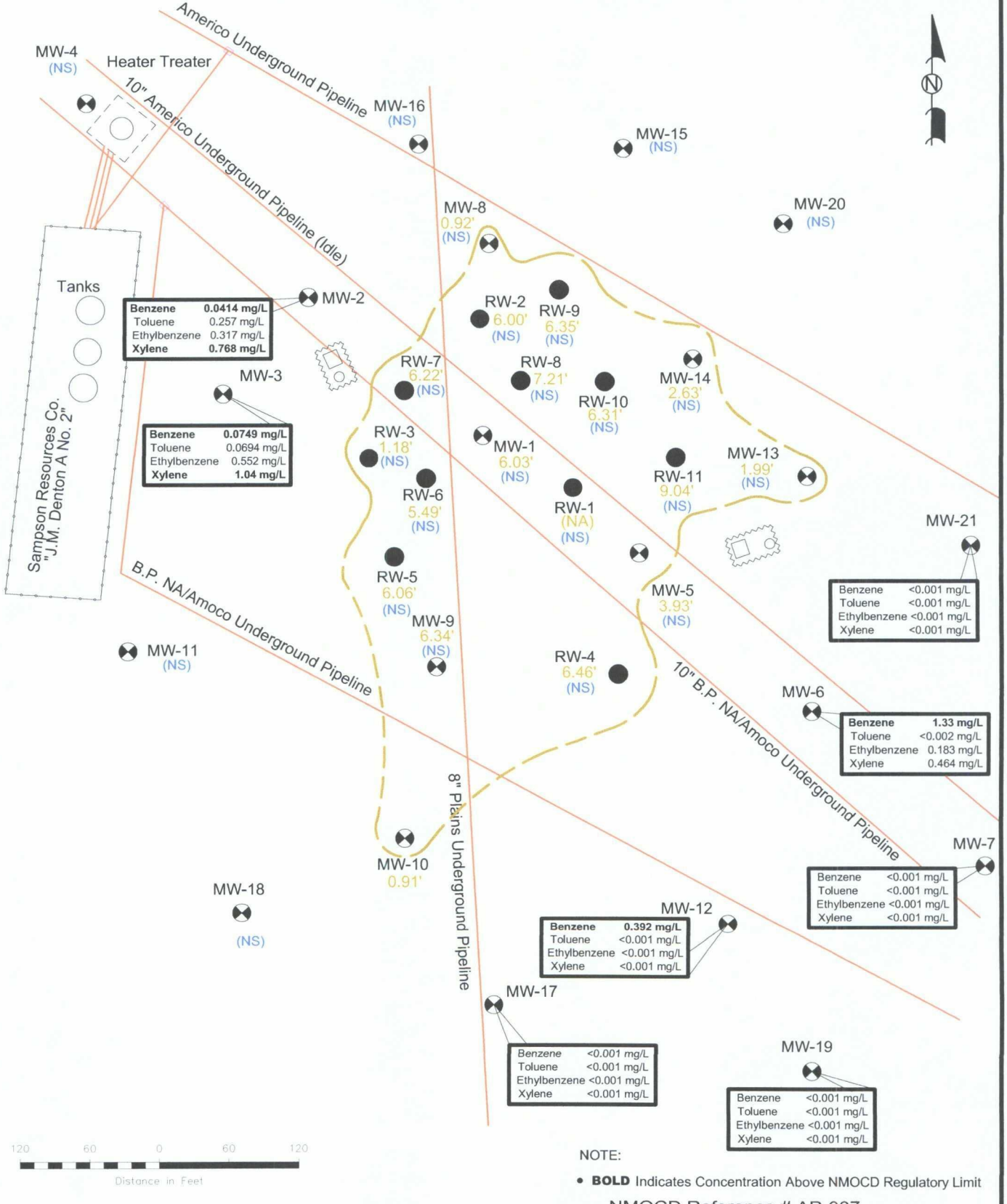
LEGEND:

- 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
- (NS) Not Sampled

Figure 3A
Groundwater Concentration and Inferred PSH Extent Map (02/23/09)
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 17, 2009		



NOTE:

- **BOLD** Indicates Concentration Above NMOCD Regulatory Limit

NMOCD Reference # AP-007

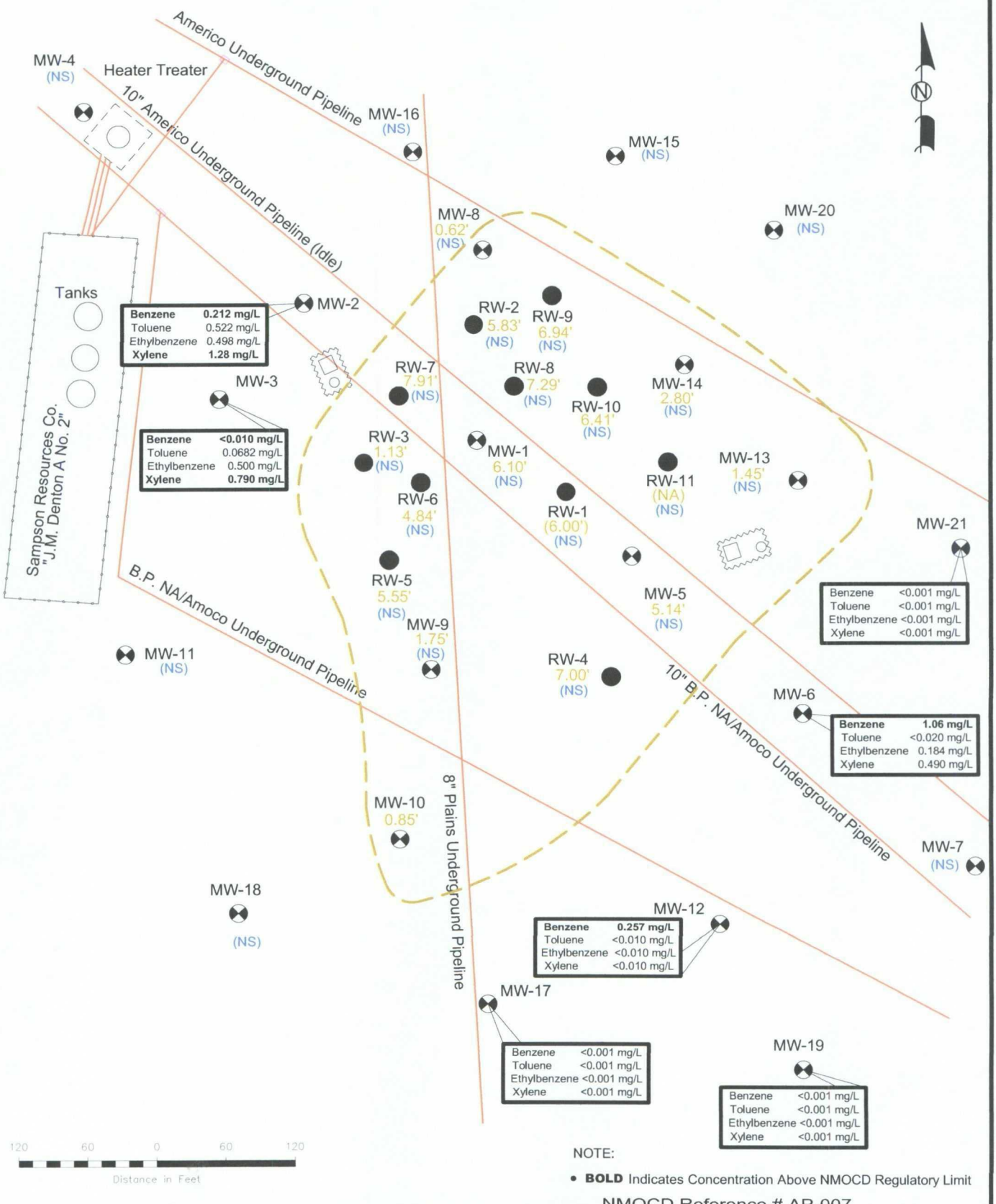
LEGEND:

- 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
- (NS) Not Sampled

Figure 3B
Groundwater Concentration and Inferred PSH Extent Map (05/27/09)
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 17, 2009		



NOTE:

- **BOLD** Indicates Concentration Above NMOCD Regulatory Limit

NMOCD Reference # AP-007

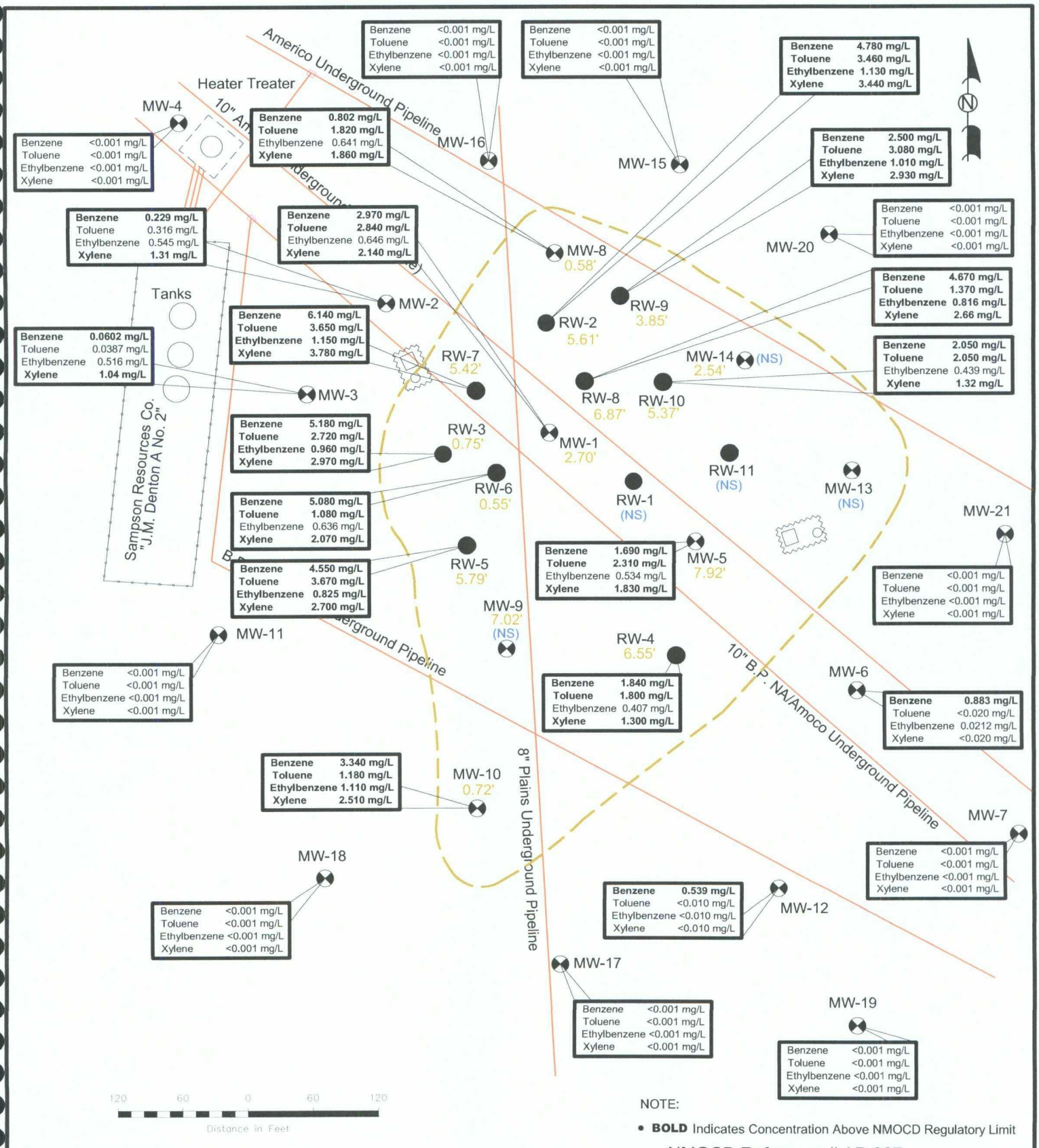
LEGEND:

- 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
- (NS) Not Sampled

Figure 3C
Groundwater Concentration and Inferred PSH Extent Map (08/20/09)
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
Octobter 15, 2009		



NOTE:

- **BOLD** Indicates Concentration Above NMOCD Regulatory Limit

NMOCD Reference # AP-007

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
- (NS) Not Sampled

Figure 3D
Groundwater Concentration and Inferred PSH Extent Map
(12/07/09) through (12/08/09)
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
January 21, 2010		

Tables

TABLE 1

2009 - GROUNDWATER ELEVATION DATA

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	*02/23/09*	3787.62	60.49	66.48	5.99	3726.23
MW - 1	03/17/09	3787.62	59.82	66.00	6.18	3726.87
MW - 1	*05/27/09*	3787.62	60.45	66.48	6.03	3726.27
MW - 1	06/03/09	3787.62	59.45	65.86	6.41	3727.21
MW - 1	*08/20/09*	3787.62	59.87	65.97	6.10	3726.84
MW - 1	*12/08/09*	3787.62	60.15	62.85	2.70	3727.07
MW - 2	01/08/09	3788.19	60.30	60.82	0.52	3727.81
MW - 2	01/14/09	3788.19	60.36	60.65	0.29	3727.79
MW - 2	01/19/09	3788.19	60.36	60.59	0.23	3727.80
MW - 2	01/26/09	3788.19	-	60.59	0.00	3727.60
MW - 2	02/03/09	3788.19	-	60.45	0.00	3727.74
MW - 2	02/09/09	3788.19	-	60.51	0.00	3727.68
MW - 2	02/16/09	3788.19	-	60.54	0.00	3727.65
MW - 2	*02/23/09*	3788.19	-	60.55	0.00	3727.64
MW - 2	03/02/09	3788.19	-	60.55	0.00	3727.64
MW - 2	03/09/09	3788.19	-	60.57	0.00	3727.62
MW - 2	03/30/09	3788.19	60.64	60.75	0.11	3727.53
MW - 2	04/06/09	3788.19	-	60.65	0.00	3727.54
MW - 2	04/13/09	3788.19	-	60.63	0.00	3727.56
MW - 2	04/20/09	3788.19	-	60.62	0.00	3727.57
MW - 2	04/27/09	3788.19	-	60.66	0.00	3727.53
MW - 2	05/11/09	3788.19	60.69	60.72	0.03	3727.50
MW - 2	05/18/09	3788.19	-	60.68	0.00	3727.51
MW - 2	*05/27/09*	3788.19	-	60.72	0.00	3727.47
MW - 2	06/08/09	3788.19	-	60.72	0.00	3727.47
MW - 2	06/16/09	3788.19	-	60.74	0.00	3727.45
MW - 2	06/25/09	3788.19	-	60.77	0.00	3727.42
MW - 2	06/29/09	3788.19	-	60.70	0.00	3727.49
MW - 2	07/08/09	3788.19	-	60.71	0.00	3727.48
MW - 2	07/09/09	3788.19	-	60.70	0.00	3727.49
MW - 2	07/14/09	3788.19	-	60.76	0.00	3727.43
MW - 2	07/16/09	3788.19	-	60.73	0.00	3727.46
MW - 2	07/20/09	3788.19	-	60.71	0.00	3727.48
MW - 2	07/27/09	3788.19	-	60.81	0.00	3727.38
MW - 2	07/29/09	3788.19	-	60.72	0.00	3727.47
MW - 2	08/03/09	3788.19	-	60.74	0.00	3727.45
MW - 2	08/05/09	3788.19	-	60.76	0.00	3727.43
MW - 2	08/11/09	3788.19	-	59.58	0.00	3728.61
MW - 2	*08/20/09*	3788.19	-	59.80	0.00	3728.39
MW - 2	08/25/09	3788.19	-	60.78	0.00	3727.41
MW - 2	08/31/09	3788.19	-	59.81	0.00	3728.38
MW - 2	09/09/09	3788.19	-	59.80	0.00	3728.39
MW - 2	09/15/09	3788.19	-	60.89	0.00	3727.30
MW - 2	09/22/09	3788.19	-	60.82	0.00	3727.37
MW - 2	09/29/09	3788.19	-	60.85	0.00	3727.34
MW - 2	10/06/09	3788.19	-	60.82	0.00	3727.37
MW - 2	10/17/09	3788.19	-	59.98	0.00	3728.21
MW - 2	10/26/09	3788.19	-	60.86	0.00	3727.33
MW - 2	11/03/09	3788.19	-	60.90	0.00	3727.29

TABLE 1

2009 - GROUNDWATER ELEVATION DATA

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 - 2	11/10/09	3788.19	-	60.88	0.00	3727.31
MW - 2	11/19/09	3788.19	-	60.96	0.00	3727.23
MW - 2	11/24/09	3788.19	-	59.90	0.00	3728.29
MW - 2	12/01/09	3788.19	-	59.91	0.00	3728.28
MW - 2	*12/07/09*	3788.19	-	60.91	0.00	3727.28
MW - 3	01/08/09	3789.03	-	61.38	0.00	3727.65
MW - 3	01/14/09	3789.03	-	61.36	0.00	3727.67
MW - 3	01/19/09	3789.03	-	61.33	0.00	3727.70
MW - 3	01/26/09	3789.03	-	61.41	0.00	3727.62
MW - 3	02/03/09	3789.03	-	61.38	0.00	3727.65
MW - 3	02/09/09	3789.03	61.29	61.36	0.07	3727.73
MW - 3	02/16/09	3789.03	-	61.38	0.00	3727.65
MW - 3	*02/23/09*	3789.03	-	61.34	0.00	3727.69
MW - 3	03/02/09	3789.03	-	61.35	0.00	3727.68
MW - 3	03/09/09	3789.03	-	61.39	0.00	3727.64
MW - 3	03/30/09	3789.03	-	61.47	0.00	3727.56
MW - 3	04/06/09	3789.03	-	61.44	0.00	3727.59
MW - 3	04/13/09	3789.03	-	61.46	0.00	3727.57
MW - 3	04/20/09	3789.03	-	61.45	0.00	3727.58
MW - 3	04/27/09	3789.03	-	61.48	0.00	3727.55
MW - 3	05/11/09	3789.03	-	61.53	0.00	3727.50
MW - 3	05/18/09	3789.03	-	61.50	0.00	3727.53
MW - 3	*05/27/09*	3789.03	-	61.52	0.00	3727.51
MW - 3	06/08/09	3789.03	-	61.53	0.00	3727.50
MW - 3	06/16/09	3789.03	-	61.54	0.00	3727.49
MW - 3	06/25/09	3789.03	-	61.60	0.00	3727.43
MW - 3	06/29/09	3789.03	-	61.55	0.00	3727.48
MW - 3	07/08/09	3789.03	-	61.56	0.00	3727.47
MW - 3	07/09/09	3789.03	-	61.56	0.00	3727.47
MW - 3	07/14/09	3789.03	-	61.62	0.00	3727.41
MW - 3	07/16/09	3789.03	-	61.58	0.00	3727.45
MW - 3	07/20/09	3789.03	-	61.58	0.00	3727.45
MW - 3	07/27/09	3789.03	-	61.66	0.00	3727.37
MW - 3	07/29/09	3789.03	-	61.62	0.00	3727.41
MW - 3	08/03/09	3789.03	-	61.62	0.00	3727.41
MW - 3	08/05/09	3789.03	-	61.62	0.00	3727.41
MW - 3	*08/11/09*	3789.03	-	61.65	0.00	3727.38
MW - 3	*08/20/09*	3789.03	-	61.63	0.00	3727.40
MW - 3	08/25/09	3789.03	-	61.61	0.00	3727.42
MW - 3	08/31/09	3789.03	-	61.63	0.00	3727.40
MW - 3	09/09/09	3789.03	-	61.65	0.00	3727.38
MW - 3	09/15/09	3789.03	-	61.67	0.00	3727.36
MW - 3	09/22/09	3789.03	-	61.69	0.00	3727.34
MW - 3	09/29/09	3789.03	-	61.68	0.00	3727.35
MW - 3	10/06/09	3789.03	-	61.67	0.00	3727.36
MW - 3	10/17/09	3789.03	-	61.76	0.00	3727.27
MW - 3	10/26/09	3789.03	-	61.74	0.00	3727.29
MW - 3	11/03/09	3789.03	-	61.72	0.00	3727.31
MW - 3	*12/07/09*	3789.03	-	61.83	0.00	3727.20

TABLE 1

2009 - GROUNDWATER ELEVATION DATA

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 - 4	*02/23/09*	3790.06	-	61.88	0.00	3728.18
MW - 4	*05/27/09*	3790.06	-	61.98	0.00	3728.08
MW - 4	*08/20/09*	3790.06	-	62.15	0.00	3727.91
MW - 4	*12/07/09*	3790.06	-	62.30	0.00	3727.76
MW - 5	*02/23/09*	3787.47	59.36	67.63	8.27	3726.87
MW - 5	03/17/09	3787.47	58.98	67.18	8.20	3727.26
MW - 5	*05/27/09*	3787.47	59.38	67.31	7.93	3726.90
MW - 5	06/03/09	3787.47	59.12	67.03	7.91	3727.16
MW - 5	*08/20/09*	3787.47	60.90	66.04	5.14	3725.80
MW - 5	*12/08/09*	3787.47	59.38	67.30	7.92	3726.90
MW - 6	01/08/09	3786.81	-	60.07	0.00	3726.74
MW - 6	01/14/09	3786.81	-	60.08	0.00	3726.73
MW - 6	01/19/09	3786.81	-	60.05	0.00	3726.76
MW - 6	01/26/09	3786.81	-	60.10	0.00	3726.71
MW - 6	02/03/09	3786.81	-	60.12	0.00	3726.69
MW - 6	02/09/09	3786.81	-	60.12	0.00	3726.69
MW - 6	02/16/09	3786.81	-	60.04	0.00	3726.77
MW - 6	*02/23/09*	3786.81	-	60.10	0.00	3726.71
MW - 6	03/02/09	3786.81	-	60.11	0.00	3726.70
MW - 6	03/09/09	3786.81	-	60.15	0.00	3726.66
MW - 6	03/30/09	3786.81	-	60.19	0.00	3726.62
MW - 6	04/06/09	3786.81	-	60.19	0.00	3726.62
MW - 6	04/13/09	3786.81	-	60.23	0.00	3726.58
MW - 6	04/20/09	3786.81	-	60.18	0.00	3726.63
MW - 6	04/27/09	3786.81	-	60.23	0.00	3726.58
MW - 6	05/11/09	3786.81	-	60.25	0.00	3726.56
MW - 6	05/18/09	3786.81	-	60.24	0.00	3726.57
MW - 6	*05/27/09*	3786.81	-	60.27	0.00	3726.54
MW - 6	06/08/09	3786.81	-	60.27	0.00	3726.54
MW - 6	06/16/09	3786.81	-	60.28	0.00	3726.53
MW - 6	06/25/09	3786.81	-	60.32	0.00	3726.49
MW - 6	06/29/09	3786.81	-	60.28	0.00	3726.53
MW - 6	07/08/09	3786.81	-	60.31	0.00	3726.50
MW - 6	07/09/09	3786.81	-	60.32	0.00	3726.49
MW - 6	07/14/09	3786.81	-	60.33	0.00	3726.48
MW - 6	07/16/09	3786.81	-	60.34	0.00	3726.47
MW - 6	07/20/09	3786.81	-	60.33	0.00	3726.48
MW - 6	07/27/09	3786.81	-	60.35	0.00	3726.46
MW - 6	07/29/09	3786.81	-	60.37	0.00	3726.44
MW - 6	08/03/09	3786.81	-	60.35	0.00	3726.46
MW - 6	08/05/09	3786.81	-	60.38	0.00	3726.43
MW - 6	08/11/09	3786.81	-	60.34	0.00	3726.47
MW - 6	08/20/09	3786.81	-	60.42	0.00	3726.39
MW - 6	*08/20/09*	3786.81	-	61.45	0.00	3725.36
MW - 6	08/25/09	3786.81	-	60.36	0.00	3726.45
MW - 6	08/31/09	3786.81	-	59.63	0.00	3727.18
MW - 6	09/09/09	3786.81	-	60.40	0.00	3726.41
MW - 6	09/15/09	3786.81	-	59.62	0.00	3727.19
MW - 6	09/22/09	3786.81	-	60.53	0.00	3726.28

TABLE 1

2009 - GROUNDWATER ELEVATION DATA

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	09/29/09	3786.81	-	60.54	0.00	3726.27
MW - 6	10/06/09	3786.81	-	60.42	0.00	3726.39
MW - 6	10/17/09	3786.81	-	60.40	0.00	3726.41
MW - 6	10/26/09	3786.81	-	60.46	0.00	3726.35
MW - 6	11/03/09	3786.81	-	60.46	0.00	3726.35
MW - 6	11/10/09	3786.81	-	60.48	0.00	3726.33
MW - 6	11/19/09	3786.81	-	60.55	0.00	3726.26
MW - 6	11/24/09	3786.81	-	60.50	0.00	3726.31
MW - 6	12/01/09	3786.81	-	60.53	0.00	3726.28
MW - 6	*12/07/09*	3786.81	-	60.56	0.00	3726.25
MW - 7	*02/23/09*	3786.82	-	60.51	0.00	3726.31
MW - 7	*05/27/09*	3786.82	-	60.61	0.00	3726.21
MW - 7	*08/20/09*	3786.82	-	60.76	0.00	3726.06
MW - 7	*12/07/09*	3786.82	-	60.90	0.00	3725.92
MW - 8	01/08/09	3788.24	60.43	61.41	0.98	3727.66
MW - 8	01/14/09	3788.24	60.51	61.14	0.63	3727.64
MW - 8	01/19/09	3788.24	60.51	61.07	0.56	3727.65
MW - 8	01/26/09	3788.24	60.52	61.23	0.71	3727.61
MW - 8	02/03/09	3788.24	60.49	61.35	0.86	3727.62
MW - 8	02/09/09	3788.24	60.53	61.26	0.73	3727.60
MW - 8	02/16/09	3788.24	60.54	61.23	0.69	3727.60
MW - 8	*02/23/09*	3788.24	60.53	61.32	0.79	3727.59
MW - 8	03/02/09	3788.24	60.54	61.32	0.78	3727.58
MW - 8	03/09/09	3788.24	60.58	61.27	0.69	3727.56
MW - 8	03/30/09	3788.24	60.37	62.38	2.01	3727.57
MW - 8	04/06/09	3788.24	60.58	61.45	0.87	3727.53
MW - 8	04/13/09	3788.24	60.61	61.37	0.76	3727.52
MW - 8	04/20/09	3788.24	60.62	61.39	0.77	3727.50
MW - 8	04/27/09	3788.24	60.64	61.38	0.74	3727.49
MW - 8	05/11/09	3788.24	60.55	61.91	1.36	3727.49
MW - 8	05/18/09	3788.24	60.65	61.44	0.79	3727.47
MW - 8	05/27/09	3788.24	60.65	61.57	0.92	3727.45
MW - 8	*05/27/09*	3788.24	60.65	61.57	0.92	3727.45
MW - 8	06/08/09	3788.24	60.60	61.83	1.23	3727.46
MW - 8	06/16/09	3788.24	60.69	61.44	0.75	3727.44
MW - 8	06/25/09	3788.24	60.68	61.62	0.94	3727.42
MW - 8	06/29/09	3788.24	60.77	61.26	0.49	3727.40
MW - 8	07/08/09	3788.24	60.73	61.66	0.93	3727.37
MW - 8	07/09/09	3788.24	60.84	61.07	0.23	3727.37
MW - 8	07/14/09	3788.24	60.79	61.37	0.58	3727.36
MW - 8	07/16/09	3788.24	60.86	61.11	0.25	3727.34
MW - 8	07/20/09	3788.24	60.83	61.26	0.43	3727.35
MW - 8	07/27/09	3788.24	60.76	61.52	0.76	3727.37
MW - 8	07/29/09	3788.24	60.87	61.13	0.26	3727.33
MW - 8	08/03/09	3788.24	60.82	61.36	0.54	3727.34
MW - 8	08/05/09	3788.24	60.98	61.03	0.05	3727.25
MW - 8	08/11/09	3788.24	60.82	61.46	0.64	3727.32
MW - 8	*08/20/09*	3788.24	60.81	61.43	0.62	3727.34
MW - 8	08/25/09	3788.24	60.84	61.68	0.84	3727.27

TABLE 1

2009 - GROUNDWATER ELEVATION DATA

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	08/31/09	3788.24	59.85	61.52	1.67	3728.14
MW - 8	09/09/09	3788.24	60.81	61.67	0.86	3727.30
MW - 8	09/15/09	3788.24	60.86	61.55	0.69	3727.28
MW - 8	09/22/09	3788.24	60.88	61.58	0.70	3727.26
MW - 8	09/29/09	3788.24	60.87	61.61	0.74	3727.26
MW - 8	10/06/09	3788.24	60.90	61.59	0.69	3727.24
MW - 8	10/17/09	3788.24	60.90	61.78	0.88	3727.21
MW - 8	10/26/09	3788.24	60.88	61.78	0.90	3727.23
MW - 8	11/03/09	3788.24	60.92	61.65	0.73	3727.21
MW - 8	11/10/09	3788.24	60.94	61.60	0.66	3727.20
MW - 8	11/19/09	3788.24	60.95	61.62	0.67	3727.19
MW - 8	11/24/09	3788.24	60.96	61.65	0.69	3727.18
MW - 8	12/01/09	3788.24	60.98	61.65	0.67	3727.16
MW - 8	*12/08/09*	3788.24	61.02	61.60	0.58	3727.13
MW - 9	*02/23/09*	3788.33	60.01	66.27	6.26	3727.38
MW - 9	03/17/09	3788.33	59.86	66.81	6.95	3727.43
MW - 9	*05/27/09*	3788.33	60.14	66.48	6.34	3727.24
MW - 9	*08/20/09*	3788.33	61.69	63.44	1.75	3726.38
MW - 9	*12/08/09*	3788.33	60.28	67.30	7.02	3727.00
MW - 10	01/08/09	3788.46	61.11	62.36	1.25	3727.16
MW - 10	01/14/09	3788.46	61.19	62.10	0.91	3727.13
MW - 10	01/19/09	3788.46	61.26	61.85	0.59	3727.11
MW - 10	01/26/09	3788.46	61.23	62.05	0.82	3727.11
MW - 10	02/03/09	3788.46	61.22	62.15	0.93	3727.10
MW - 10	02/09/09	3788.46	61.23	62.16	0.93	3727.09
MW - 10	02/16/09	3788.46	61.25	62.03	0.78	3727.09
MW - 10	*02/23/09*	3788.46	61.24	62.19	0.95	3727.08
MW - 10	03/02/09	3788.46	61.26	62.10	0.84	3727.07
MW - 10	03/09/09	3788.46	61.31	62.09	0.78	3727.03
MW - 10	03/30/09	3788.46	61.14	62.94	1.80	3727.05
MW - 10	04/06/09	3788.46	61.31	62.19	0.88	3727.02
MW - 10	04/13/09	3788.46	61.33	62.22	0.89	3727.00
MW - 10	04/20/09	3788.46	61.34	62.16	0.82	3727.00
MW - 10	04/27/09	3788.46	61.36	62.12	0.76	3726.99
MW - 10	05/11/09	3788.46	61.29	62.59	1.30	3726.98
MW - 10	05/18/09	3788.46	61.36	62.28	0.92	3726.96
MW - 10	*05/27/09*	3788.46	61.37	62.28	0.91	3726.95
MW - 10	06/08/09	3788.46	61.33	62.56	1.23	3726.95
MW - 10	06/16/09	3788.46	61.36	62.49	1.13	3726.93
MW - 10	06/25/09	3788.46	61.42	62.34	0.92	3726.90
MW - 10	06/29/09	3788.46	61.45	62.18	0.73	3726.90
MW - 10	07/08/09	3788.46	61.42	62.47	1.05	3726.88
MW - 10	07/09/09	3788.46	61.52	61.91	0.39	3726.88
MW - 10	07/14/09	3788.46	61.50	62.15	0.65	3726.86
MW - 10	07/16/09	3788.46	61.54	61.89	0.35	3726.87
MW - 10	07/20/09	3788.46	61.55	62.00	0.45	3726.84
MW - 10	07/27/09	3788.46	61.49	62.20	0.71	3726.86
MW - 10	07/29/09	3788.46	61.56	61.94	0.38	3726.84
MW - 10	08/03/09	3788.46	61.55	62.05	0.50	3726.84

TABLE 1

2009 - GROUNDWATER ELEVATION DATA

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	08/05/09	3788.46	61.56	61.97	0.41	3726.84
MW - 10	08/11/09	3788.46	61.52	62.22	0.70	3726.84
MW - 10	*08/20/09*	3788.46	61.51	62.36	0.85	3726.82
MW - 10	08/25/09	3788.46	61.58	62.30	0.72	3726.77
MW - 10	08/31/09	3788.46	61.56	62.20	0.64	3726.80
MW - 10	09/09/09	3788.46	61.53	62.32	0.79	3726.81
MW - 10	09/15/09	3788.46	61.56	62.35	0.79	3726.78
MW - 10	09/22/09	3788.46	61.54	62.40	0.86	3726.79
MW - 10	09/29/09	3788.46	61.57	62.40	0.83	3726.77
MW - 10	10/06/09	3788.46	61.56	62.41	0.85	3726.77
MW - 10	10/17/09	3788.46	61.52	62.93	1.41	3726.73
MW - 10	10/26/09	3788.46	61.60	62.48	0.88	3726.73
MW - 10	11/03/09	3788.46	61.62	62.42	0.80	3726.72
MW - 10	11/10/09	3788.46	61.63	62.40	0.77	3726.71
MW - 10	11/19/09	3788.46	61.67	62.43	0.76	3726.68
MW - 10	11/24/09	3788.46	61.68	62.43	0.75	3726.67
MW - 10	12/01/09	3788.46	61.67	62.48	0.81	3726.67
MW - 10	*12/08/09*	3788.46	61.70	62.42	0.72	3726.65
MW - 11	*02/23/09*	3789.55	-	61.99	0.00	3727.56
MW - 11	*05/27/09*	3789.55	-	62.13	0.00	3727.42
MW - 11	*08/20/09*	3789.55	-	62.26	0.00	3727.29
MW - 11	*12/07/09*	3789.55	-	62.41	0.00	3727.14
MW - 12	*02/23/09*	3787.81	-	61.18	0.00	3726.63
MW - 12	*05/27/09*	3787.81	-	61.34	0.00	3726.47
MW - 12	*08/20/09*	3787.81	-	61.63	0.00	3726.18
MW - 12	11/03/09	3787.81	-	61.54	0.00	3726.27
MW - 12	11/10/09	3787.81	-	61.55	0.00	3726.26
MW - 12	11/19/09	3787.81	-	61.53	0.00	3726.28
MW - 12	11/24/09	3787.81	-	61.59	0.00	3726.22
MW - 12	12/01/09	3787.81	-	61.58	0.00	3726.23
MW - 12	*12/07/09*	3787.81	-	61.62	0.00	3726.19
MW - 13	01/08/09	3788.55	61.14	ND	0.00	3788.55
MW - 13	01/14/09	3788.55	61.21	62.80	1.59	3727.10
MW - 13	01/19/09	3788.55	61.30	62.68	1.38	3727.04
MW - 13	01/26/09	3788.55	61.31	62.89	1.58	3727.00
MW - 13	02/03/09	3788.55	61.26	63.09	1.83	3727.02
MW - 13	02/09/09	3788.55	61.32	62.84	1.52	3727.00
MW - 13	02/16/09	3788.55	61.34	62.72	1.38	3727.00
MW - 13	*02/23/09*	3788.55	61.34	62.91	1.57	3726.97
MW - 13	03/02/09	3788.55	61.33	62.84	1.51	3726.99
MW - 13	03/09/09	3788.55	61.33	63.00	1.67	3726.97
MW - 13	03/30/09	3788.55	60.90	63.33	2.43	3727.29
MW - 13	04/06/09	3788.55	61.31	63.35	2.04	3726.93
MW - 13	04/13/09	3788.55	61.40	63.04	1.64	3726.90
MW - 13	04/20/09	3788.55	61.39	63.08	1.69	3726.91
MW - 13	04/27/09	3788.55	61.40	63.11	1.71	3726.89
MW - 13	05/11/09	3788.55	61.18	N/D	0.00	3788.55
MW - 13	05/18/09	3788.55	61.38	63.25	1.87	3726.89

TABLE 1

2009 - GROUNDWATER ELEVATION DATA

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 - 13	*05/27/09*	3788.55	61.37	63.36	1.99	3726.88
MW - 13	06/08/09	3788.55	61.09	ND	0.00	3788.55
MW - 13	06/16/09	3788.55	61.38	ND	0.00	3788.55
MW - 13	06/25/09	3788.55	61.37	ND	0.00	3788.55
MW - 13	06/29/09	3788.55	61.60	62.59	0.99	3726.80
MW - 13	07/08/09	3788.55	61.49	ND	0.00	3788.55
MW - 13	07/09/09	3788.55	61.61	62.80	1.19	3726.76
MW - 13	07/14/09	3788.55	61.58	62.93	1.35	3726.77
MW - 13	07/16/09	3788.55	61.69	62.97	1.28	3726.67
MW - 13	07/20/09	3788.55	61.63	62.86	1.23	3726.74
MW - 13	07/27/09	3788.55	61.53	63.21	1.68	3726.77
MW - 13	07/29/09	3788.55	61.72	62.49	0.77	3726.71
MW - 13	08/03/09	3788.55	61.67	62.72	1.05	3726.72
MW - 13	08/05/09	3788.55	61.75	62.34	0.59	3726.71
MW - 13	08/11/09	3788.55	61.61	63.02	1.41	3726.73
MW - 13	*08/20/09*	3788.55	61.64	63.09	1.45	3726.69
MW - 13	08/25/09	3788.55	61.60	63.51	1.91	3726.66
MW - 13	08/31/09	3788.55	61.60	63.16	1.56	3726.72
MW - 13	09/09/09	3788.55	61.58	ND	0.00	3788.55
MW - 13	09/15/09	3788.55	61.29	ND	0.00	3788.55
MW - 13	09/22/09	3788.55	61.57	ND	0.00	3788.55
MW - 13	09/29/09	3788.55	61.63	ND	0.00	3788.55
MW - 13	10/06/09	3788.55	61.62	ND	0.00	3788.55
MW - 13	10/17/09	3788.55	61.22	ND	0.00	3788.55
MW - 13	10/26/09	3788.55	61.08	ND	0.00	3788.55
MW - 13	11/03/09	3788.55	61.42	ND	0.00	3788.55
MW - 13	11/10/09	3788.55	61.14	ND	0.00	3788.55
MW - 13	11/19/09	3788.55	61.06	ND	0.00	3788.55
MW - 13	11/24/09	3788.55	61.40	ND	0.00	3788.55
MW - 13	12/01/09	3788.55	61.55	ND	0.00	3788.55
MW - 13	*12/08/09*	3788.55	61.71	ND	0.00	3788.55
MW - 14	01/08/09	3788.72	59.99	ND	0.00	3788.72
MW - 14	01/14/09	3788.72	59.98	ND	0.00	3788.72
MW - 14	01/19/09	3788.72	59.99	ND	0.00	3788.72
MW - 14	01/26/09	3788.72	60.01	ND	0.00	3788.72
MW - 14	02/03/09	3788.72	60.00	ND	0.00	3788.72
MW - 14	02/09/09	3788.72	60.02	ND	0.00	3788.72
MW - 14	02/16/09	3788.72	60.03	ND	0.00	3788.72
MW - 14	*02/23/09*	3788.72	60.04	63.14	3.10	3728.22
MW - 14	03/02/09	3788.72	60.03	63.12	3.09	3728.23
MW - 14	03/09/09	3788.72	60.07	63.02	2.95	3728.21
MW - 14	03/30/09	3788.72	60.10	63.06	2.96	3728.18
MW - 14	04/06/09	3788.72	62.11	63.12	1.01	3726.46
MW - 14	04/13/09	3788.72	60.12	63.02	2.90	3728.17
MW - 14	04/20/09	3788.72	60.12	63.10	2.98	3728.15
MW - 14	04/27/09	3788.72	60.14	63.12	2.98	3728.13
MW - 14	05/11/09	3788.72	60.16	63.09	2.93	3728.12
MW - 14	05/18/09	3788.72	60.15	63.10	2.95	3728.13
MW - 14	*05/27/09*	3788.72	60.65	63.28	2.63	3727.68
MW - 14	06/08/09	3788.72	60.20	63.13	2.93	3728.08

TABLE 1

2009 - GROUNDWATER ELEVATION DATA

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	06/16/09	3788.72	60.19	63.12	2.93	3728.09
MW - 14	06/25/09	3788.72	60.23	63.15	2.92	3728.05
MW - 14	06/29/09	3788.72	61.11	63.28	2.17	3727.28
MW - 14	07/08/09	3788.72	60.28	63.18	2.90	3728.01
MW - 14	07/09/09	3788.72	60.58	63.37	2.79	3727.72
MW - 14	07/16/09	3788.72	60.52	63.40	2.88	3727.77
MW - 14	07/20/09	3788.72	60.31	63.33	3.02	3727.96
MW - 14	07/27/09	3788.72	60.27	ND	0.00	3788.72
MW - 14	07/29/09	3788.72	60.57	63.02	2.45	3727.78
MW - 14	08/03/09	3788.72	60.32	63.09	2.77	3727.98
MW - 14	08/05/09	3788.72	60.58	63.14	2.56	3727.76
MW - 14	08/11/09	3788.72	60.32	63.12	2.80	3727.98
MW - 14	*08/20/09*	3788.72	60.32	63.12	2.80	3727.98
MW - 14	08/25/09	3788.72	60.33	63.10	2.77	3727.97
MW - 14	08/31/09	3788.72	60.35	63.14	2.79	3727.95
MW - 14	09/09/09	3788.72	60.35	63.13	2.78	3727.95
MW - 14	09/15/09	3788.72	60.37	63.14	2.77	3727.93
MW - 14	09/22/09	3788.72	60.39	63.15	2.76	3727.92
MW - 14	09/29/09	3788.72	60.40	63.15	2.75	3727.91
MW - 14	10/06/09	3788.72	60.40	63.13	2.73	3727.91
MW - 14	10/17/09	3788.72	60.43	63.15	2.72	3727.88
MW - 14	10/26/09	3788.72	60.45	63.15	2.70	3727.87
MW - 14	11/03/09	3788.72	60.44	63.15	2.71	3727.87
MW - 14	11/10/09	3788.72	60.45	63.15	2.70	3727.87
MW - 14	11/19/09	3788.72	60.39	63.16	2.77	3727.91
MW - 14	11/24/09	3788.72	60.45	63.15	2.70	3727.87
MW - 14	12/01/09	3788.72	60.45	63.04	2.59	3727.88
MW - 14	*12/08/09*	3788.72	60.50	63.04	2.54	3727.84
MW - 15	*02/23/09*	3788.95	-	61.46	0.00	3727.49
MW - 15	*05/27/09*	3788.95	-	61.59	0.00	3727.36
MW - 15	*08/20/09*	3788.95	-	61.65	0.00	3727.30
MW - 15	*12/07/09*	3788.95	-	61.89	0.00	3727.06
MW - 16	*02/23/09*	3789.61	-	61.87	0.00	3727.74
MW - 16	*05/27/09*	3789.61	-	62.01	0.00	3727.60
MW - 16	*08/20/09*	3789.61	-	62.18	0.00	3727.43
MW - 16	*12/07/09*	3789.61	-	62.31	0.00	3727.30
MW - 17	*02/23/09*	3787.95	-	61.14	0.00	3726.81
MW - 17	*05/27/09*	3787.95	-	61.28	0.00	3726.67
MW - 17	*08/20/09*	3787.95	-	61.42	0.00	3726.53
MW - 17	*12/07/09*	3787.95	-	61.56	0.00	3726.39
MW - 18	*02/23/09*	3788.82	-	61.62	0.00	3727.20
MW - 18	*05/27/09*	3788.82	-	61.75	0.00	3727.07
MW - 18	*08/20/09*	3788.82	-	61.92	0.00	3726.90
MW - 18	*12/07/09*	3788.82	-	62.03	0.00	3726.79

TABLE 1

2009 - GROUNDWATER ELEVATION DATA

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 - 19	*02/23/09*	3787.51	-	61.16	0.00	3726.35
MW - 19	*05/27/09*	3787.51	-	61.29	0.00	3726.22
MW - 19	*08/20/09*	3787.51	-	61.42	0.00	3726.09
MW - 19	*12/07/09*	3787.51	-	61.57	0.00	3725.94
MW - 20	*02/23/09*	3788.53	-	61.32	0.00	3727.21
MW - 20	*05/27/09*	3788.53	-	61.45	0.00	3727.08
MW - 20	*08/20/09*	3788.53	-	61.62	0.00	3726.91
MW - 20	*12/07/09*	3788.53	-	61.74	0.00	3726.79
MW - 21	*02/23/09*	3786.46	-	61.19	0.00	3725.27
MW - 21	*05/27/09*	3786.46	-	61.30	0.00	3725.16
MW - 21	*08/20/09*	3786.46	-	61.42	0.00	3725.04
MW - 21	*12/07/09*	3786.46	-	61.59	0.00	3724.87
RW - 1	*02/23/09*	3788.33	59.39	60.79	1.40	3728.73
RW - 1	*05/27/09*	3788.33	59.53	ND	0.00	3788.33
RW - 1	07/16/09	3788.33	61.61	61.89	0.28	3726.68
RW - 1	*08/20/09*	3788.33	59.70	N/D	0.00	3788.33
RW - 1	12/01/09	3788.33	61.70	62.52	0.82	3726.51
RW - 1	*12/08/09*	3788.33	59.79	ND	0.00	3788.33
RW - 2	*02/23/09*	3788.98	60.87	67.02	6.15	3727.19
RW - 2	03/17/09	3788.98	60.74	66.89	6.15	3727.32
RW - 2	*05/27/09*	3788.98	61.00	67.00	6.00	3727.08
RW - 2	06/03/09	3788.98	60.82	66.92	6.10	3727.25
RW - 2	*08/20/09*	3788.98	61.06	66.89	5.83	3727.05
RW - 2	*12/08/09*	3788.98	60.94	66.55	5.61	3727.20
RW - 3	01/08/09	3788.95	61.13	62.42	1.29	3727.63
RW - 3	01/14/09	3788.95	61.24	62.06	0.82	3727.59
RW - 3	01/19/09	3788.95	61.22	61.98	0.76	3727.62
RW - 3	01/26/09	3788.95	61.24	62.25	1.01	3727.56
RW - 3	02/03/09	3788.95	61.20	62.38	1.18	3727.57
RW - 3	02/09/09	3788.95	61.26	62.23	0.97	3727.54
RW - 3	02/16/09	3788.95	61.29	62.13	0.84	3727.53
RW - 3	*02/23/09*	3788.95	61.22	62.29	1.07	3727.57
RW - 3	03/02/09	3788.95	61.26	62.29	1.03	3727.54
RW - 3	03/09/09	3788.95	61.30	62.29	0.99	3727.50
RW - 3	03/30/09	3788.95	61.00	63.71	2.71	3727.54
RW - 3	04/06/09	3788.95	61.32	62.35	1.03	3727.48
RW - 3	04/13/09	3788.95	61.33	62.35	1.02	3727.47
RW - 3	04/20/09	3788.95	61.35	62.31	0.96	3727.46
RW - 3	04/27/09	3788.95	61.36	62.33	0.97	3727.44
RW - 3	05/11/09	3788.95	61.23	63.04	1.81	3727.45
RW - 3	05/18/09	3788.95	61.38	62.37	0.99	3727.42
RW - 3	05/27/09	3788.95	61.36	62.54	1.18	3727.41
RW - 3	*05/27/09*	3788.95	61.36	62.54	1.18	3727.41

TABLE 1

2009 - GROUNDWATER ELEVATION DATA

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	06/08/09	3788.95	61.38	62.86	1.48	3727.35
RW - 3	06/16/09	3788.95	61.41	62.46	1.05	3727.38
RW - 3	06/25/09	3788.95	61.41	62.58	1.17	3727.36
RW - 3	06/29/09	3788.95	61.51	62.09	0.58	3727.35
RW - 3	07/08/09	3788.95	61.44	62.58	1.14	3727.34
RW - 3	07/09/09	3788.95	61.62	61.84	0.22	3727.30
RW - 3	07/14/09	3788.95	61.56	62.18	0.62	3727.30
RW - 3	07/16/09	3788.95	61.61	61.89	0.28	3727.30
RW - 3	07/20/09	3788.95	61.56	62.10	0.54	3727.31
RW - 3	07/27/09	3788.95	61.50	62.40	0.90	3727.32
RW - 3	07/29/09	3788.95	61.64	61.94	0.30	3727.27
RW - 3	08/03/09	3788.95	61.54	62.21	0.67	3727.31
RW - 3	08/05/09	3788.95	61.63	61.84	0.21	3727.29
RW - 3	08/11/09	3788.95	61.55	62.30	0.75	3727.29
RW - 3	*08/20/09*	3788.95	61.51	62.64	1.13	3727.27
RW - 3	08/25/09	3788.95	61.60	62.24	0.64	3727.25
RW - 3	08/31/09	3788.95	61.59	62.33	0.74	3727.25
RW - 3	09/09/09	3788.95	61.55	62.55	1.00	3727.25
RW - 3	09/15/09	3788.95	61.58	62.47	0.89	3727.24
RW - 3	09/22/09	3788.95	61.58	62.48	0.90	3727.24
RW - 3	09/29/09	3788.95	61.60	62.43	0.83	3727.23
RW - 3	10/06/09	3788.95	61.61	62.49	0.88	3727.21
RW - 3	10/17/09	3788.95	61.60	62.78	1.18	3727.17
RW - 3	10/26/09	3788.95	61.61	62.83	1.22	3727.16
RW - 3	11/03/09	3788.95	61.65	62.63	0.98	3727.15
RW - 3	11/10/09	3788.95	61.68	62.53	0.85	3727.14
RW - 3	11/19/09	3788.95	61.64	62.50	0.86	3727.18
RW - 3	11/24/09	3788.95	61.70	62.50	0.80	3727.13
RW - 3	*12/08/09*	3788.95	61.73	62.48	0.75	3727.11
RW - 4	*02/23/09*	3788.15	60.14	66.90	6.76	3727.00
RW - 4	03/17/09	3788.15	60.03	66.89	6.86	3727.09
RW - 4	*05/27/09*	3788.15	60.45	66.91	6.46	3726.73
RW - 4	*08/20/09*	3788.15	60.33	N/D	0.00	3788.15
RW - 4	*12/08/09*	3788.15	60.60	67.15	6.55	3726.57
RW - 5	*02/23/09*	3788.83	61.51	67.72	6.21	3726.39
RW - 5	03/17/09	3788.83	60.84	66.68	5.84	3727.11
RW - 5	*05/27/09*	3788.83	61.78	67.84	6.06	3726.14
RW - 5	*08/20/09*	3788.83	61.96	67.51	5.55	3726.04
RW - 5	*12/08/09*	3788.83	61.91	67.70	5.79	3726.05
RW - 6	*02/23/09*	3788.93	61.28	67.03	5.75	3726.79
RW - 6	03/17/09	3788.93	61.09	66.73	5.64	3726.99
RW - 6	*05/27/09*	3788.93	61.52	67.01	5.49	3726.59
RW - 6	06/03/09	3788.93	60.82	66.34	5.52	3727.28
RW - 6	*08/20/09*	3788.93	61.44	66.28	4.84	3726.76
RW - 6	*12/08/09*	3788.93	66.66	67.21	0.55	3722.19

TABLE 1

2009 - GROUNDWATER ELEVATION DATA

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	*02/23/09*	3789.07	61.39	67.74	6.35	3726.73
RW - 7	03/17/09	3789.07	61.04	67.44	6.40	3727.07
RW - 7	*05/27/09*	3789.07	61.60	67.82	6.22	3726.54
RW - 7	06/03/09	3789.07	60.79	66.72	5.93	3727.39
RW - 7	06/29/09	3789.07	60.16	68.07	7.91	3727.72
RW - 7	*08/20/09*	3789.07	62.20	62.23	0.03	3726.87
RW - 7	*12/08/09*	3789.07	61.00	66.42	5.42	3727.26
RW - 8	*02/23/09*	3788.48	60.96	68.27	7.31	3726.42
RW - 8	03/17/09	3788.48	60.53	67.81	7.28	3726.86
RW - 8	*05/27/09*	3788.48	61.10	68.31	7.21	3726.30
RW - 8	06/03/09	3788.48	60.47	68.12	7.65	3726.86
RW - 8	*08/20/09*	3788.48	60.95	68.24	7.29	3726.44
RW - 8	*12/08/09*	3788.48	60.62	67.49	6.87	3726.83
RW - 9	*02/23/09*	3788.92	60.91	67.02	6.11	3727.09
RW - 9	03/17/09	3788.92	60.38	66.73	6.35	3727.59
RW - 9	*05/27/09*	3788.92	60.80	67.15	6.35	3727.17
RW - 9	06/03/09	3788.92	60.30	66.52	6.22	3727.69
RW - 9	*08/20/09*	3788.92	60.30	67.24	6.94	3727.58
RW - 9	*12/08/09*	3788.92	61.36	65.21	3.85	3726.98
RW - 10	*02/23/09*	3788.72	60.93	67.26	6.33	3726.84
RW - 10	03/17/09	3788.72	60.45	66.88	6.43	3727.31
RW - 10	*05/27/09*	3788.72	60.72	67.03	6.31	3727.05
RW - 10	06/03/09	3788.72	60.51	66.92	6.41	3727.25
RW - 10	*08/20/09*	3788.72	62.28	62.31	0.03	3726.44
RW - 10	*12/08/09*	3788.72	60.85	66.22	5.37	3727.06
RW - 11	*02/23/09*	3788.43	60.72	68.66	7.94	3726.52
RW - 11	03/17/09	3788.43	60.09	68.30	8.21	3727.11
RW - 11	*05/27/09*	3788.43	60.25	69.29	9.04	3726.82
RW - 11	06/03/09	3788.43	60.15	68.30	8.15	3727.06
RW - 11	*08/20/09*	3788.43	*pump in well*		0.00	3788.43
RW - 11	*12/08/09*	3788.43	*pump in well*		0.00	3788.43

* *Complete Historical data Tables are presented 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 ANGEL #1
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-007

All concentrations are reported in mg/L

		EPA SW 846-8015M		METHODS: SW 846-8260b				
SAMPLE LOCATION	**SAMPLE DATE**	**GRO C6-C12 mg/L**	**DRO C12-C35 mg/L**	**BENZENE**	**TOLUENE**	**ETHYL-BENZENE**	**m, p - XYLENES**	**o - XYLENE**
NMOCD Regulatory Limit				**0.01**	**0.75**	**0.75**	**0.62**	
MW - 1	02/23/09			Not Sampled Due to PSH in Well				
MW - 1	05/27/09			Not Sampled Due to PSH in Well				
MW - 1	08/20/09			Not Sampled Due to PSH in Well				
MW - 1	12/08/09	25.00	58.80	**2.970**	**2.840**	0.646	**2.14**	
MW - 2	02/23/09			Well Inadvertently Not Sampled				
MW - 2	05/27/09			**0.041**	0.257	0.317	**0.768**	
MW - 2	08/20/09			**0.212**	0.522	0.498	**1.28**	
MW - 2	12/07/09			**0.229**	0.316	0.545	**1.31**	
MW - 3	02/23/09			Well Inadvertently Not Sampled				
MW - 3	05/27/09			**0.0749**	0.0694	0.552	**1.04**	
MW - 3	08/20/09			<0.010	0.0682	0.500	**0.79**	
MW - 3	12/07/09			**0.0602**	0.0367	0.516	**1.04**	
MW - 4	02/23/09			Not Sampled on Current Sample Schedule				
MW - 4	05/27/09			Not Sampled on Current Sample Schedule				
MW - 4	08/20/09			Not Sampled on Current Sample Schedule				
MW - 4	12/07/09			<0.001	<0.001	<0.001	<0.001	
MW - 5	02/23/09			Not Sampled Due to PSH in Well				
MW - 5	05/27/09			Not Sampled Due to PSH in Well				
MW - 5	08/20/09			Not Sampled Due to PSH in Well				
MW - 5	12/08/09	18.20	**121.00**	**1.690**	**2.310**	0.534	**1.83**	
MW - 6	02/23/09			Well Inadvertently Not Sampled				
MW - 6	05/27/09			**1.330**	<0.020	0.183	0.464	
MW - 6	08/20/09			**1.060**	<0.020	0.184	0.490	
MW - 6	12/07/09			**0.883**	<0.020	0.0212	<0.020	
MW - 7	02/23/09			Not Sampled on Current Sample Schedule				
MW - 7	05/27/09			<0.001	<0.001	<0.001	<0.001	
MW - 7	08/20/09			Not Sampled on Current Sample Schedule				
MW - 7	12/07/09			<0.001	<0.001	<0.001	<0.001	
MW - 8	02/23/09			Not Sampled Due to PSH in Well				
MW - 8	05/27/09			Not Sampled Due to PSH in Well				
MW - 8	08/20/09			Not Sampled Due to PSH in Well				
MW - 8	12/08/09	13.20	79.40	**0.802**	**1.820**	0.641	**1.86**	
MW - 9	02/23/09			Not Sampled Due to PSH in Well				
MW - 9	05/27/09			Not Sampled Due to PSH in Well				
MW - 9	08/20/09			Not Sampled Due to PSH in Well				
MW - 9	12/07/09			Not Sampled Due to Insufficient Water in Well				

TABLE 2

2009 - 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

		EPA SW 846-8015M		METHODS: SW 846-8260b				
SAMPLE LOCATION	**SAMPLE DATE**	**GRO C6-C12 mg/L**	**DRO C12-C35 mg/L**	**BENZENE**	**TOLUENE**	**ETHYL-BENZENE**	**m, p - XYLENES**	**o - XYLENE**
NMOCD Regulatory Limit				**0.01**	**0.75**	**0.75**	**0.62**	
MW - 10	02/23/09			Not Sampled Due to PSH in Well				
MW - 10	05/27/09			Not Sampled Due to PSH in Well				
MW - 10	08/20/09			Not Sampled Due to PSH in Well				
MW - 10	12/08/09	15.00	22.40	**3.340**	**1.180**	**1.110**	**2.51**	
MW - 11	02/23/09			Not Sampled on Current Sample Schedule				
MW - 11	05/27/09			Not Sampled on Current Sample Schedule				
MW - 11	08/20/09			Not Sampled on Current Sample Schedule				
MW - 11	12/07/09			<0.001	<0.001	<0.001	<0.001	
MW - 12	02/23/09			**0.525**	<0.001	<0.001	<0.001	
MW - 12	05/27/09			**0.392**	<0.001	<0.001	<0.001	
MW - 12	08/20/09			**0.257**	<0.010	<0.010	<0.010	
MW - 12	12/07/09			**0.539**	<0.010	<0.010	<0.010	
MW - 13	02/23/09			Not Sampled Due to PSH in Well				
MW - 13	05/27/09			Not Sampled Due to PSH in Well				
MW - 13	08/20/09			Not Sampled Due to PSH in Well				
MW - 13	12/07/09			Not Sampled Due to Insufficient Water in Well				
MW - 14	02/23/09			Not Sampled Due to PSH in Well				
MW - 14	05/27/09			Not Sampled Due to PSH in Well				
MW - 14	08/20/09			Not Sampled Due to PSH in Well				
MW - 14	12/07/09			Not Sampled Due to Insufficient Water in Well				
MW - 15	02/23/09			Not Sampled on Current Sample Schedule				
MW - 15	05/27/09			Not Sampled on Current Sample Schedule				
MW - 15	08/20/09			Not Sampled on Current Sample Schedule				
MW - 15	12/07/09			<0.001	<0.001	<0.001	<0.001	
MW - 16	02/23/09			Not Sampled on Current Sample Schedule				
MW - 16	05/27/09			Not Sampled on Current Sample Schedule				
MW - 16	08/20/09			Not Sampled on Current Sample Schedule				
MW - 16	12/07/09			<0.001	<0.001	<0.001	<0.001	
MW - 17	02/23/09			<0.001	<0.001	<0.001	<0.001	
MW - 17	05/27/09			<0.001	<0.001	<0.001	<0.001	
MW - 17	08/20/09			<0.001	<0.001	<0.001	<0.001	
MW - 17	12/07/09			<0.001	<0.001	<0.001	<0.001	
MW - 18	02/23/09			Not Sampled on Current Sample Schedule				
MW - 18	05/27/09			Not Sampled on Current Sample Schedule				
MW - 18	08/20/09			Not Sampled on Current Sample Schedule				
MW - 18	12/07/09			<0.001	<0.001	<0.001	<0.001	

TABLE 2

2009 - 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

		EPA SW 846-8015M		METHODS: SW 846-8260b				
SAMPLE LOCATION	**SAMPLE DATE**	**GRO C6-C12 mg/L**	**DRO C12-C35 mg/L**	**BENZENE**	**TOLUENE**	**ETHYL-BENZENE**	**m, p - XYLENES**	**o - XYLENE**
NMOCD Regulatory Limit				**0.01**	**0.75**	**0.75**	**0.62**	
MW - 19	02/23/09			<0.001	<0.001	<0.001	<0.001	
MW - 19	05/27/09			<0.001	<0.001	<0.001	<0.001	
MW - 19	08/20/09			<0.001	<0.001	<0.001	<0.001	
MW - 19	12/07/09			<0.001	<0.001	<0.001	<0.001	
MW - 20	02/23/09			Not Sampled on Current Sample Schedule				
MW - 20	05/27/09			Not Sampled on Current Sample Schedule				
MW - 20	08/20/09			Not Sampled on Current Sample Schedule				
MW - 20	12/07/09			<0.001	<0.001	<0.001	<0.001	
MW - 21	02/23/09			<0.001	<0.001	<0.001	<0.001	
MW - 21	05/27/09			<0.001	<0.001	<0.001	<0.001	
MW - 21	08/20/09			<0.001	<0.001	<0.001	<0.001	
MW - 21	12/07/09			<0.001	<0.001	<0.001	<0.001	
RW - 1	02/23/09			Not Sampled Due to PSH in Well				
RW - 1	05/27/09			Not Sampled Due to PSH in Well				
RW - 1	08/20/09			Not Sampled Due to PSH in Well				
RW - 1	12/08/09			Not Sampled Due to Insufficient Water in Well				
RW - 2	02/23/09			Not Sampled Due to PSH in Well				
RW - 2	05/27/09			Not Sampled Due to PSH in Well				
RW - 2	08/20/09			Not Sampled Due to PSH in Well				
RW - 2	12/08/09	51.70	22.20	**4.780**	**3.460**	**1.130**	**3.44**	
RW - 3	02/23/09			Not Sampled Due to PSH in Well				
RW - 3	05/27/09			Not Sampled Due to PSH in Well				
RW - 3	08/20/09			Not Sampled Due to PSH in Well				
RW - 3	12/08/09	30.3	94.3	**5.180**	**2.720**	**0.960**	**2.970**	
RW - 4	02/23/09			Not Sampled Due to PSH in Well				
RW - 4	05/27/09			Not Sampled Due to PSH in Well				
RW - 4	08/20/09			Not Sampled Due to PSH in Well				
RW - 4	12/08/09	14.2	48.2	**1.840**	**1.800**	0.407	**1.300**	
RW - 5	02/23/09			Not Sampled Due to PSH in Well				
RW - 5	05/27/09			Not Sampled Due to PSH in Well				
RW - 5	08/20/09			Not Sampled Due to PSH in Well				
RW - 5	12/08/09	34.6	105.0	**4.550**	**3.670**	**0.825**	**2.700**	
RW - 6	02/23/09			Not Sampled Due to PSH in Well				
RW - 6	05/27/09			Not Sampled Due to PSH in Well				
RW - 6	08/20/09			Not Sampled Due to PSH in Well				
RW - 6	12/08/09	29.8	25.6	**5.080**	**1.080**	0.636	**2.070**	

TABLE 2

2009 - 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

		EPA SW 846-8015M		METHODS: SW 846-8260b				
SAMPLE LOCATION	**SAMPLE DATE**	**GRO C6-C12 mg/L**	**DRO C12-C35 mg/L**	**BENZENE**	**TOLUENE**	**ETHYL-BENZENE**	**m, p - XYLENES**	**o - XYLENE**
NMOCD Regulatory Limit				**0.01**	**0.75**	**0.75**	**0.62**	
RW - 7	02/23/09			Not Sampled Due to PSH in Well				
RW - 7	05/27/09			Not Sampled Due to PSH in Well				
RW - 7	08/20/09			Not Sampled Due to PSH in Well				
RW - 7	12/08/09	45.5	130.0	**6.140**	**3.650**	**1.150**	**3.780**	
RW - 8	02/23/09			Not Sampled Due to PSH in Well				
RW - 8	05/27/09			Not Sampled Due to PSH in Well				
RW - 8	08/20/09			Not Sampled Due to PSH in Well				
RW - 8	12/08/09	39.5	80.3	**4.670**	**1.370**	**0.816**	**2.66**	
RW - 9	02/23/09			Not Sampled Due to PSH in Well				
RW - 9	05/27/09			Not Sampled Due to PSH in Well				
RW - 9	08/20/09			Not Sampled Due to PSH in Well				
RW - 9	12/08/09	<20.0	8.57	**2.500**	**3.080**	**1.010**	**2.93**	
RW - 10	02/23/09			Not Sampled Due to PSH in Well				
RW - 10	05/27/09			Not Sampled Due to PSH in Well				
RW - 10	08/20/09			Not Sampled Due to PSH in Well				
RW - 10	12/08/09	14.70	9.46	**2.050**	**2.050**	0.439	**1.32**	
RW - 11	02/23/09			Not Sampled Due to PSH in Well				
RW - 11	05/27/09			Not Sampled Due to PSH in Well				
RW - 11	08/20/09			Not Sampled Due to Pump stuck in well				
RW - 11	12/08/09			Not Sampled Due to Pump stuck 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	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	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	**0.122**	0.0205	<0.000183	**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	**0.350**	0.106	<0.000922	**0.748**	**1.09**	0.0436
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	0.0285	0.00282	<0.000183	**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	**0.0435**	0.00625	<0.000184	**0.0536**	**0.0528**	0.00314
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	**0.0601**	0.0037	<0.000184	**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	**0.0372**	0.00262	<0.000184	**0.0396**	**0.0451**	0.00191
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
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	**0.136**	0.0427	<0.000917	**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	**0.0779**	0.0172	<0.000184	**0.137**	**0.194**	0.00767
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	0.0217	0.00322	<0.000184	**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	0.00437	0.00144	<0.000184	0.0133	0.00426	0.00125
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
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	**0.529**	0.188	<0.000184	**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	**0.359**	0.113	<0.000917	**0.839**	**1.14**	0.0566
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	**0.0641**	0.0104	<0.000184	**0.0851**	**0.112**	0.00578
	12/07/09	Not Sampled due to insufficient water volume																		
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	**0.212**	0.0512	<0.000922	**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	**0.856**	0.245	<0.000917	**1.89**	**2.64**	0.112

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	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-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
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	0.000648	<0.000183	<0.000183	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	0.000615	<0.000184	<0.000184	<0.000184	<0.000184	0.000706
MW-13	11/24/08	Not Sampled due to insufficient water volume																		
	12/07/09	Not Sampled due to insufficient water volume																		
MW-14	11/24/08	Not Sampled due to insufficient water volume																		
	12/07/09	Not Sampled due to insufficient water volume																		
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
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**	<0.000185	0.00076	0.0012	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
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
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
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
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

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	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-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
RW-1	11/24/08	Not Sampled due to insufficient water volume																		
	12/07/09	Not Sampled due to insufficient water volume																		
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	**0.798**	0.256	<0.00184	**1.74**	**2.60**	0.0964
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	**0.400**	0.129	<0.000917	**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	**1.02**	0.321	<0.00183	**2.27**	**3.29**	0.130
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	**0.0801**	0.0161	<0.000183	**0.134**	**0.184**	0.00772
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	**0.132**	0.0273	<0.000917	**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	**0.338**	0.105	<0.000917	**0.726**	**1.07**	0.0426
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	**0.564**	0.167	<0.000917	**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	**0.175**	0.0456	<0.000922	**0.327**	**0.462**	0.0180
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	**0.477**	0.143	<0.000922	**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	**3.95**	1.28	<0.00862	**9.15**	**13.1**	0.531
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	**1.17**	0.436	<0.00459	**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	**2.16**	0.704	<0.00461	**5.04**	**7.19**	0.294
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	**0.294**	0.0838	<0.000917	**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	**0.402**	0.117	<0.00183	**0.890**	**1.24**	0.0576
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	**0.0478**	0.00643	<0.000183	**0.0674**	**0.0898**	0.00344
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	**0.145**	0.0571	<0.000917	**0.322**	**0.441**	0.0269
	12/08/09	Not Sampled due to pump stuck in well																		

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 (Qr-Qr 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 off 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 Landfarm

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 Engr DATE: 5-5-97

*SPECIFY **ATTACH ADDITIONAL SHEETS IF NECESSARY