

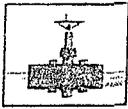
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16

ANNUAL MONITORING REPORT

YEAR(S):

2010



PLAINS
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March 23, 2011

MAR 29 2011

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

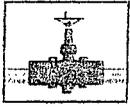
Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

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

Dear Mr. Hansen:

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

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



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

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

Sincerely,

Jason Henry
Remediation Coordinator
Plains All American

CC: Geoff Leking, NMOCD, Hobbs, NM

Enclosures



**2010
ANNUAL MONITORING REPORT**

BOB DURHAM
LEA COUNTY, NEW MEXICO
NW ¼ NW ¼, SECTION 32, TOWNSHIP 19 SOUTH, RANGE 37 EAST
PLAINS SRS NUMBER: TNM LF2000-07
NMOCD File Number: AP-0016

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 2011


Ronald K. Rounsaville
Senior Project Manager

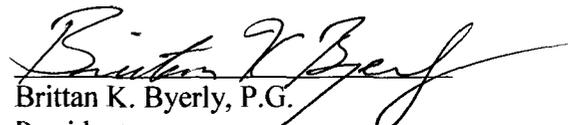

Brittan K. Byerly, P.G.
President

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2B – Inferred Groundwater Gradient Map – May 18, 2010

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Figure 3A – Groundwater Concentration and Inferred PSH Extent Map – February 18, 2010

3B – Groundwater Concentration and Inferred PSH Extent Map – May 18, 2010

3C – Groundwater Concentration and Inferred PSH Extent Map – August 18, 2010

3D – Groundwater Concentrations and Inferred PSH Extent Map – November 15, 2010

TABLES

Table 1 – 2010 Groundwater Elevation Data

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APPENDICES

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

ENCLOSED ON DATA DISK

2010 Annual Monitoring Report

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

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

Electronic Copies of Laboratory Reports

Historic Table 1, 2 and 3 – Groundwater Elevation, BTEX and PAH Concentration Tables

INTRODUCTION

On behalf of Plains Marketing, L.P. (Plains), NOVA Safety and Environmental (NOVA) is pleased to submit this Annual Monitoring Report in compliance with the New Mexico Oil Conservation Division (NMOCD) letter of May 1998, requiring submittal of an Annual Monitoring Report by April 1 of each year. Beginning on May 29, 2004, project management responsibilities were assumed by NOVA. The Bob Durham Pipeline Release Site (the site), which was formerly the responsibility of Enron Oil Trading and Transportation (EOTT), is now the responsibility of Plains. This report is intended to be viewed as a complete document with figures, appendices, tables and text. The report presents the results of the four quarterly groundwater monitoring events conducted in calendar year 2010. For reference, the Site Location Map is provided as Figure 1.

Groundwater monitoring was conducted during each quarter of 2010 to assess the levels and extent of dissolved phase constituents and Phase Separated Hydrocarbon (PSH). Each groundwater monitoring event consisted of measuring static water levels in monitor wells, checking for the presence of PSH on the water column and purging and sampling of each well exhibiting sufficient recharge. Monitor wells containing a thickness of PSH greater than 0.01 foot were sampled as per a NMOCD directive.

SITE DESCRIPTION AND BACKGROUND INFORMATION

The site is located approximately two miles west of the city of Monument, New Mexico, in the NW ¼ of the NW ¼ of Section 32, Township 19 South, Range 37 East. The topography of the site is relatively flat with a slight topographic slope to the south. The site is located in a rural and residential area with a single-family residence located approximately 500 feet west of the release point. Generally, the surface consists of unconsolidated sand covered by sparse grasses and mesquite trees. Oil and gas production facilities are located adjacent to the site to the northeast and at a greater distance to the northwest.

The crude oil release was discovered during excavation activities associated with the installation of a polyethylene liner in the pipeline. During the initial response, an estimated 2,000 cubic yards of impacted soil was excavated and removed from the area immediately north of State Highway 322. EOTT personnel indicated the excavated soil was transported to J & L Landfarm, located near Eunice, New Mexico, for disposal. A previous contractor installed a total of 38 monitor wells to delineate the horizontal and vertical impact of the release.

Seven groundwater monitor wells (MW-17 through 19, MW-22, MW-34 through 36) were plugged and abandoned in September 2005, with NMOCD approval. Four monitor wells (MW-9, MW-14, MW-26 and MW-29) were plugged and abandoned on May 28, 2010 following the 2nd quarter sampling event with the approval of the NMOCD.

Currently, twenty-eight (28) groundwater monitor wells remain on-site (MW-1 through MW-8, MW-20, MW-21, MW-23 through MW-25, MW-27, MW-28 and MW-30 through MW-33, MW-37, MW-38 and MW-56). An automated product recovery system, consisting of pneumatic pumps installed in monitor wells MW-5, MW-7, MW-12, and MW-16, operated at the site until

mid-2004 when the system was removed from operation due to decreasing PSH thicknesses. Recovery of PSH at the site is performed manually on a bi-monthly schedule.

A *Soil Closure Work Plan* (Work Plan) was submitted to the NMOCD in April 2010. The Work Plan proposed soil remediation activities intended to progress the site toward an NMOCD approved closure.

In May 2010, Plains received approval from the NMOCD to commence the soil remediation activities outlined in the Work Plan. Following the completion of the soil remediation activities, a *Soil Closure Request* dated August 2010 was submitted to the NMOCD for approval. On January 26, 2011, Plains received an email from the NMOCD approving the *Soil Closure Request* at the Bob Durham release site.

FIELD ACTIVITIES

Product Recovery Efforts

A measurable thickness of PSH was observed in one monitor well (MW-12) throughout the reporting period. The average thickness of PSH for 2010 is 0.17 feet in the monitor well exhibiting PSH. The maximum thickness of PSH in monitor wells during the reporting period was 0.30 feet, as measured in monitor well MW-12 on April 15, 2010. PSH data for the 2010 gauging events can be found in Table 1 and on Figures 3A through 3D.

Approximately 9.5 gallons (0.23 barrels) of PSH was recovered from the site during the 2010 reporting period. Recovery of PSH at the site is now performed manually and is conducted on a bi-monthly basis. Approximately 881.5 gallons (approximately 20.98 barrels) of PSH has been recovered from the site by automated systems and by manual recovery methods since project inception.

Groundwater Monitoring

Quarterly monitoring events for the reporting period were performed according to the following sampling schedule, which was approved by the NMOCD in correspondence dated April 28, 2004 and amended by NMOCD correspondence dated July 7, 2005.

NMOCD Approved Sampling Schedule							
MW-1	Quarterly	MW-11	Annual	MW-21	Annual	MW-31	Quarterly
MW-2	Quarterly	MW-12	Quarterly	MW-22	Plugged & Abnd	MW-32	Quarterly
MW-3	Quarterly	MW-13	Quarterly	MW-23	Quarterly	MW-33	Quarterly
MW-4	Quarterly	MW-14	P & A	MW-24	Semi-Annual	MW-34	P & A
MW-5	Quarterly	MW-15	Quarterly	MW-25	Annual	MW-35	P & A
MW-6	Quarterly	MW-16	Quarterly	MW-26	P & A	MW-36	P & A
MW-7	Quarterly	MW-17	P & A	MW-27	Semi-Annual	MW-37	Quarterly
MW-8	Quarterly	MW-18	P & A	MW-28	Quarterly	MW-38	Quarterly
MW-9	P & A	MW-19	P & A	MW-29	P & A		
MW-10	Quarterly	MW-20	Annual	MW-30	Annual		

The site monitor wells were gauged and sampled on February 18, May 18, August 18, and November 15, 2010. During each sampling event, monitor wells were purged of a minimum of three well volumes of water or until the wells failed to produce water. Purging was performed using a disposable polyethylene bailer for each well or electrical Grundfos pump and dedicated tubing. Groundwater was allowed to recharge and samples were collected using disposable Teflon samplers. Water samples were placed in clean glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of at a licensed disposal facility.

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

The most recent Groundwater Gradient Map, Figure 2D, indicates a general gradient of approximately 0.0447 feet/foot to the south as measured between monitor wells MW-6 and MW-37. This is consistent with data presented on Figures 2A through 2C from earlier in the year. The corrected groundwater elevations ranged between 3571.93 to 3581.91 feet above mean sea level, in monitor wells MW-38 on April 19, 2010 and MW-6 on February 18, 2010, respectively.

LABORATORY RESULTS

Monitor well MW-12 contained PSH during all four sampling events and was not sampled during the all four sampling events.

Groundwater samples obtained during the quarterly sampling events of 2010 were delivered to Trace Analysis, Inc. in Midland, Texas for determination of Benzene, Toluene, Ethylbenzene and Xylene (BTEX) constituent concentrations by EPA Method 8021B. Polynuclear Aromatic Hydrocarbons (PAH) analysis was conducted during the 2010 calendar year on monitor wells MW-1 and MW-5. Based upon historic PAH analytical data, only those wells exhibiting elevated constituent concentrations above WQCC standards are sampled, with the exclusion of those wells containing measurable PSH thicknesses. A listing of BTEX constituent concentrations for 2010 are summarized in Table 2 and the Historic PAH constituent concentrations are summarized in Table 3. Copies of the laboratory reports generated for 2010 are provided on the enclosed data disk. The quarterly groundwater sample results for BTEX constituent concentrations are depicted on Figures 3A through 3D.

Monitor well MW-1 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.0020 mg/L during the 3rd quarter to 0.0298 mg/L during the 1st quarter. Benzene concentrations were above the NMOCD regulatory standard during the 1st, 2nd and 4th quarters of the reporting period. Toluene concentrations were below the laboratory method detection limits (MDL) and NMOCD regulatory standards during all four quarters of the reporting period. Ethyl-benzene concentrations ranged from 0.0011 mg/L during the 3rd quarter to 0.0053 mg/L during the 4th quarter of 2010. Ethyl-benzene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Xylene

concentrations ranged from 0.0030 mg/L during the 3rd quarter to 0.0109 mg/L during the 4th quarter of 2010. Xylene concentrations were below 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 (0.000404 mg/L), 1-methylnaphthalene (0.00103 mg/L), 2-methylnaphthalene (0.000268 mg/L), flourine (0.000465 mg/L) and dibenzofuran (0.000452 mg/L), which are below WQCC standards.

Monitor well MW-2 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 3rd and 4th quarters to 0.0091 mg/L during the 1st quarter. Benzene concentrations were below the NMOCD regulatory standard during all four quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of the reporting period. Ethyl-benzene concentrations ranged from <0.001 mg/L during the 1st and 4th quarters to 0.0019 mg/L during the 3rd quarter. Ethyl-benzene concentrations were below the NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 1st, 2nd and 4th quarters to 0.0033 mg/L during the 3rd quarter. Xylene concentrations were below the NMOCD regulatory standards during all four quarters of the reporting period. PAH analysis was not conducted during the 4th quarter sampling event.

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

Monitor well MW-4 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 1st, 2nd and 4th quarters to 0.0012 mg/L during the 3rd quarter. Benzene concentrations were below the NMOCD regulatory standard during all four quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of the reporting period. Ethyl-benzene concentrations ranged from <0.001 mg/L during the 1st, 2nd and 4th quarters to 0.0046 mg/L during the 3rd quarter. Ethyl-benzene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 1st, 2nd and 4th quarters to 0.0023 mg/L during the 3rd quarter of 2010. Xylene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-5 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.0062 mg/L during the 3rd quarter to 0.0495 mg/L during the 1st quarter of 2010. Benzene concentrations were above the NMOCD regulatory standard during the 1st, 2nd and 4th quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of the reporting period. Ethyl-benzene concentrations ranged from 0.0035 mg/L during the 3rd quarter to 0.0077 mg/L during the 4th quarter of 2010. Ethyl-benzene concentrations were below the NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from 0.0038 mg/L during the 3rd quarter to 0.0085 mg/L during the 4th quarter. Xylene concentrations

were below NMOCD regulatory standards during all four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above MDLs for naphthalene (0.00532 mg/L), 1-methylnaphthalene (0.00962 mg/L), 2-methylnaphthalene (0.00626 mg/L), flourine (0.00132 mg/L), phenanthrene (0.000798 mg/L) and dibenzofuran (0.000806 mg/L), which are below WQCC standards.

Monitor well MW-6 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standard during all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last seventeen consecutive quarters. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-7 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standard during all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-five consecutive quarters. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-8 is sampled on a quarterly schedule and analytical results indicate benzene and toluene concentrations were below the MDL and NMOCD regulatory standard during all four quarters of the reporting period. Ethyl-benzene concentrations ranged from <0.001 mg/L during the 1st, 2nd and 4th quarters to 0.0014 mg/L during the 3rd quarter. Ethyl-benzene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 1st, 2nd and 4th quarters to 0.0018 mg/L during the 3rd quarter of 2010. Xylene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-9 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each constituent during the 1st and 2nd quarters of the reporting period. MW-9 was properly plugged and abandoned on May 28, 2010.

Monitor well MW-10 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 1st, 2nd and 4th quarters to 0.0075 mg/L during the 3rd quarter. Benzene concentrations were below the NMOCD regulatory standard during all four quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of the reporting period. Ethyl-benzene concentrations ranged from <0.001 mg/L during the 1st, 2nd and 4th quarters to 0.0047 mg/L during the 3rd quarter. Ethyl-benzene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 1st, 2nd and 4th quarters to 0.0032 mg/L during the 3rd quarter of 2010. Xylene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last seventeen consecutive quarters. PAH analysis was not conducted during the 4th quarter sampling event.

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. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last eighteen consecutive quarters. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-12 is monitored on a quarterly schedule. Monitor well MW-12 was not sampled during the 1st, 2nd, 3rd and 4th quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 0.24 feet, 0.23 feet, 0.23 feet and 0.25 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2010, respectively. PAH analysis was not conducted during the 4th quarter sampling event, due to the presence of PSH.

Monitor well MW-13 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standard during all four quarters of the reporting period. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-14 is sampled on a semi-annual schedule. Analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the 2nd quarter sampling event. MW-14 was properly plugged and abandoned on May 28, 2010.

Monitor well MW-15 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standard during all four quarters of the reporting period. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-16 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 1st, 2nd and 4th quarters to 0.0030 mg/L during the 3rd quarter. Benzene concentrations were below the NMOCD regulatory standard during all four quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of the reporting period. Ethylbenzene concentrations ranged from <0.001 mg/L during the 1st, 2nd and 4th quarters to 0.0016 mg/L during the 3rd quarter. Ethylbenzene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 1st, 2nd and 4th quarters to 0.0012 mg/L during the 3rd quarter of 2010. Xylene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last seventeen consecutive quarters. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-20 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-

three consecutive quarters. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-21 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-three consecutive quarters. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-23 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 quarterly sampling events. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-five consecutive quarters. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-24 is sampled on a semi-annual schedule. Analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the 2nd and 4th quarter sampling events. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-four consecutive quarters. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-25 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-three consecutive quarters. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-26 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 the 1st and 2nd quarters of the reporting period. MW-26 was properly plugged and abandoned on May 28, 2010.

Monitor well MW-27 is sampled on a semi-annual schedule and was inadvertently not sampled during the 2nd quarter of 2010. Analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last fourteen consecutive quarters. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-28 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 the all four quarters of the reporting period. The analytical results

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

Monitor well MW-29 was properly plugged and abandoned on May 28, 2010.

Monitor well MW-30 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-three consecutive quarters. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-31 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 the all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-nine consecutive quarters. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-32 is sampled on a quarterly schedule and analytical results indicate benzene and toluene concentrations were below the MDL and NMOCD regulatory standard during all four quarters of the reporting period. Ethyl-benzene concentrations ranged from <0.001 mg/L during the 1st, 2nd and 4th quarters to 0.0012 mg/L during the 3rd quarter of 2010. Ethyl-benzene concentrations were below the NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 1st, 2nd and 4th quarters to 0.0028 mg/L during the 3rd quarter of 2010. Xylene concentrations were below the NMOCD regulatory standards during all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-one consecutive quarters. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-33 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 the all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-nine consecutive quarters. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-37 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 the all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-three consecutive quarters. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-38 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.0106 mg/L during the 2nd quarter to 0.0142 mg/L during the 1st quarter. Benzene concentrations were above the NMOCD regulatory standard during all four quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of the reporting period. Ethyl-benzene concentrations ranged from <0.001 mg/L during the 2nd and 4th quarters to 0.0029 mg/L during the 3rd quarter of 2010. Ethyl-benzene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 4th quarter to 0.0040 mg/L during the 2nd quarter of 2010. Xylene concentrations were below regulatory standards during all four quarters of the reporting period. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-56 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 the 2nd, 3rd and 4th quarters of the reporting period. PAH analysis was not conducted during the 4th quarter sampling event.

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

SUMMARY

This report presents the results of monitoring activities for the 2010 annual monitoring period. Currently, twenty-eight (28) groundwater monitor wells remain on-site (MW-1 through MW-8, MW-20, MW-21, MW-23 through MW-25, MW-27, MW-28, MW-30 through MW-33, MW-37, MW-38 and MW-56). Seven groundwater monitor wells (MW-17 through 19, MW-22, MW-34 through 36) were plugged and abandoned in September 2005, with NMOCD approval. Four monitor wells (MW-9, MW-14, MW-26 and MW-29) were plugged and abandoned on May 28, 2010 following the 2nd quarter sampling event with the approval of the NMOCD.

Groundwater elevation contours generated from water level measurements acquired during the reporting period indicate a general groundwater gradient of approximately 0.0447 feet/foot to the south.

A measurable thickness of PSH was observed in one monitor well (MW-12) throughout the reporting period. The average thickness of PSH for 2010 is 0.17 feet in the monitor well exhibiting PSH.

Approximately 9.5 gallons (0.23 barrels) of PSH was recovered from the site during the 2010 reporting period. Approximately 881.5 gallons (approximately 20.98 barrels) of PSH has been recovered from the site by automated systems and by manual recovery methods since project inception.

Review of laboratory analytical results of the groundwater samples obtained during the 2010 monitoring period indicates the BTEX constituent concentrations are below applicable NMOCD standards in twenty-four of the twenty-eight monitor wells currently on-site. Dissolved phase and phase separated hydrocarbon impact appears to be limited to monitor wells MW-1, MW-5, MW-12 and MW-38. Review of PAH analysis indicates a decreasing trend in constituent concentrations in two monitor wells, MW-1 and MW-5.

ANTICIPATED ACTIONS

In May 2010, Plains received approval from the NMOCD to commence the soil remediation activities outlined in the Work Plan. Following the completion of the soil remediation activities, a *Soil Closure Request* dated August 2010 was submitted to the NMOCD for approval. On January 26, 2011, Plains received an email from the NMOCD approving the *Soil Closure Request* at the Bob Durham release site.

Quarterly monitoring and groundwater sampling will continue in 2011. Plains respectfully requests NMOCD approval to modify the sampling schedule for the following monitor wells:

- Monitor wells MW-3, MW-15, MW-23, MW-28, MW-31 and MW-33 are currently sampled on a quarterly schedule. Plains proposes to modify the schedule to a semi-annual schedule. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty consecutive quarters.

Manual PSH recovery and gauging will continue on a bi-monthly schedule and will be adjusted according to site conditions. An Annual Monitoring Report will be submitted to the NMOCD by April 1, 2012.

Based on the results of the PAH analysis over the past several years, further PAH analysis be conducted only on those monitor wells (MW-1 and MW-5) 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

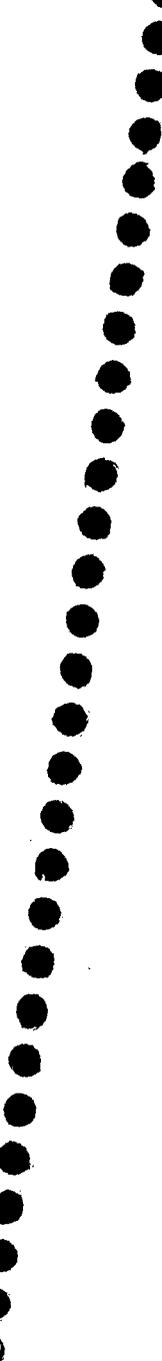
Copy 1 Ed Hansen
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

Copy 2: Geoffrey R. Leking
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division, District 1
1625 French Drive
Hobbs, NM 88240

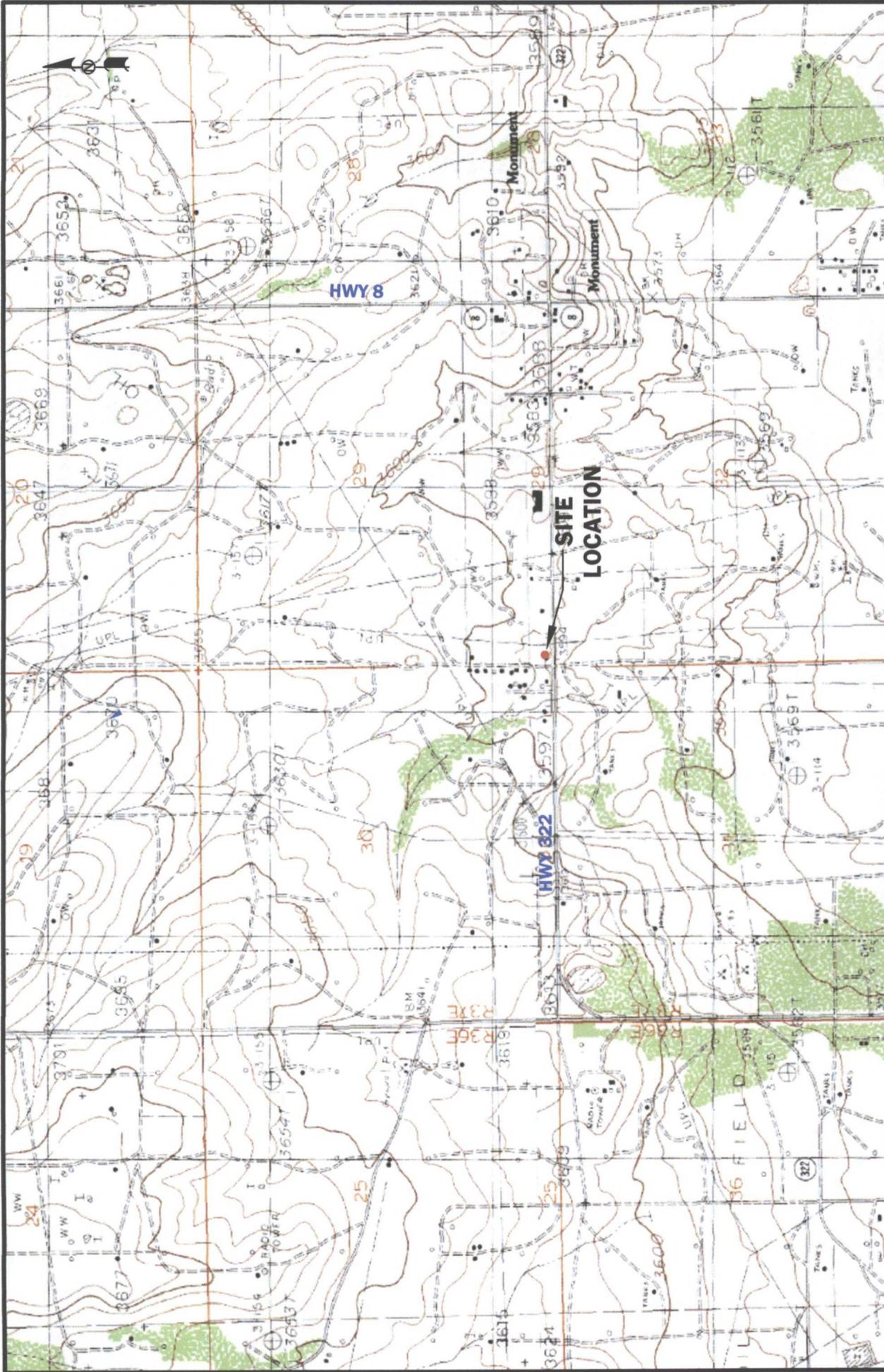
Copy 3: Jason Henry
Plains Marketing, L.P.
2530 State Highway 214
Denver City, TX 79323
jhenry@paalp.com

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
rrounsville@novatraining.cc



Figures



LEGEND:



NMOC Reference #1R-0386

Figure 1
Site Location Map
Bob Durham
Plains Marketing, L.P.
Lea County, NM



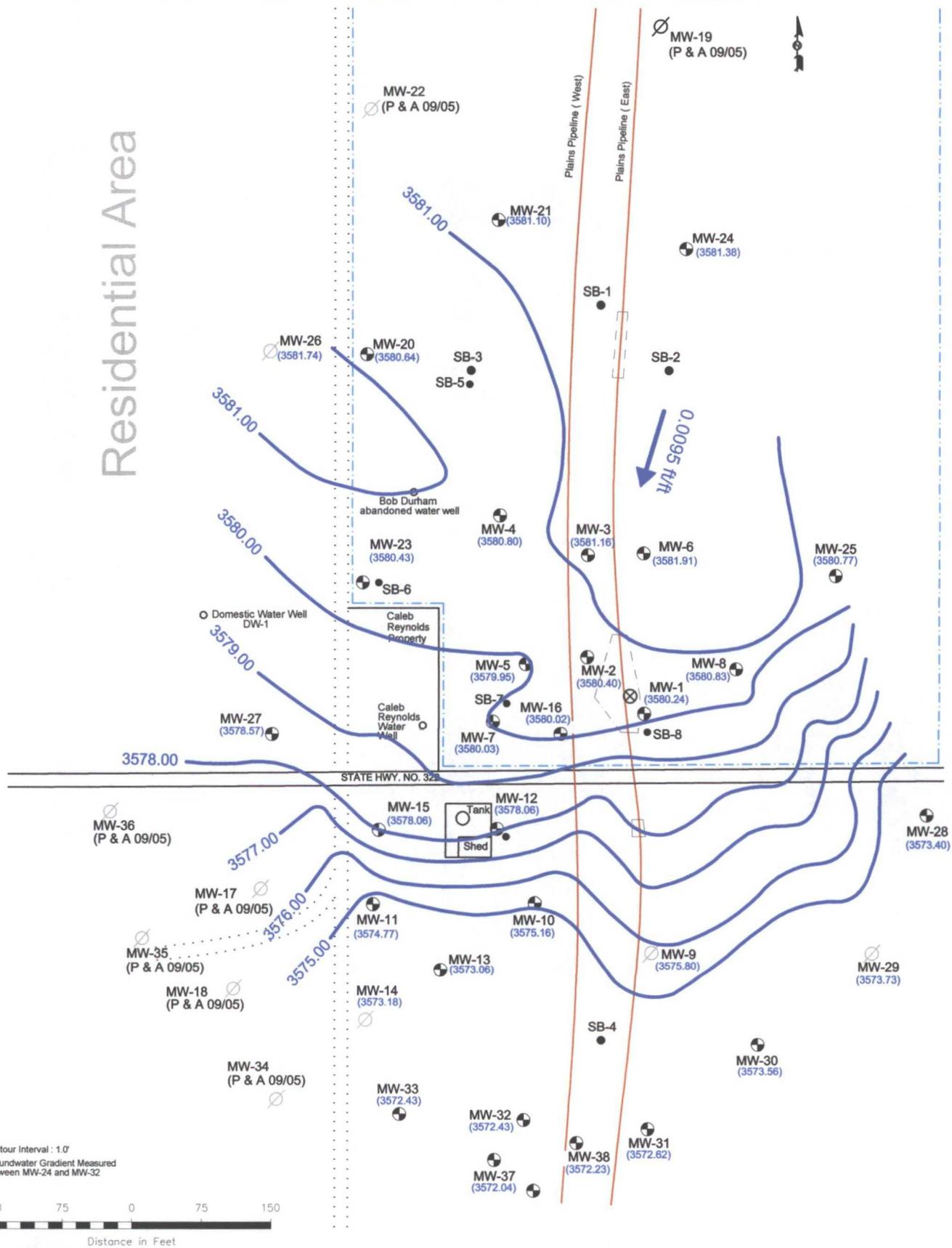
2057 Commerce Drive
 Midland, Texas 79703
 432.520.7720

www.novasafetyandenvironmental.com

January 31, 2011 | Scale: 1" = 2000' | CAD By: TA | Checked By: RKR

LATITUDE & LONGITUDE COORDINATES: N 32° 37' 27" W 103° 16' 53"

Residential Area



Note
 • Contour Interval: 1.0'
 • Groundwater Gradient Measured Between MW-24 and MW-32



LEGEND:	
	Monitor Well Location
	Release Point
	Plains Pipeline L.P.
	Groundwater Elevation Contour Line
	Groundwater Gradient and Magnitude
	Groundwater Elevation (feet)
	Road
	Excavation Areas
	Soil Boring Locations
	Bob Durham Property Line

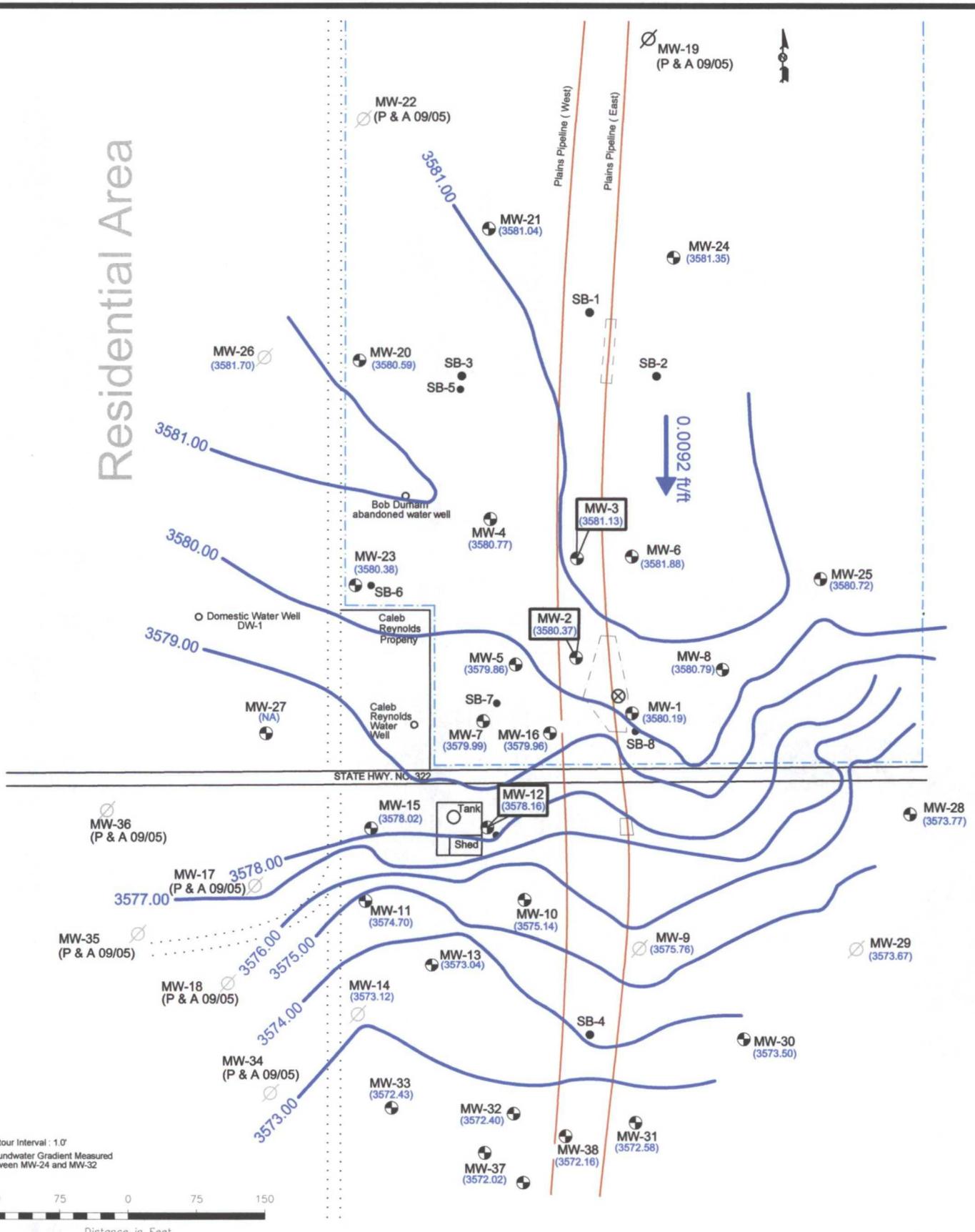
Figure 2A
Inferred Groundwater Gradient Map
 (02/18/2010)
 NMOCD Reference # AP-0016
 Plains Marketing, L.P.
 Bob Durham
 Lea County, NM



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

May 18, 2010	Scale: 1" = 150'	CAD By: SAT	Checked By: RKR
32° 37' 27"N 103° 16' 53"W		NW1/4 NW1/4 Sec 32 T19S R37E	

Residential Area



Note
 • Contour Interval: 1.0'
 • Groundwater Gradient Measured Between MW-24 and MW-32

LEGEND:

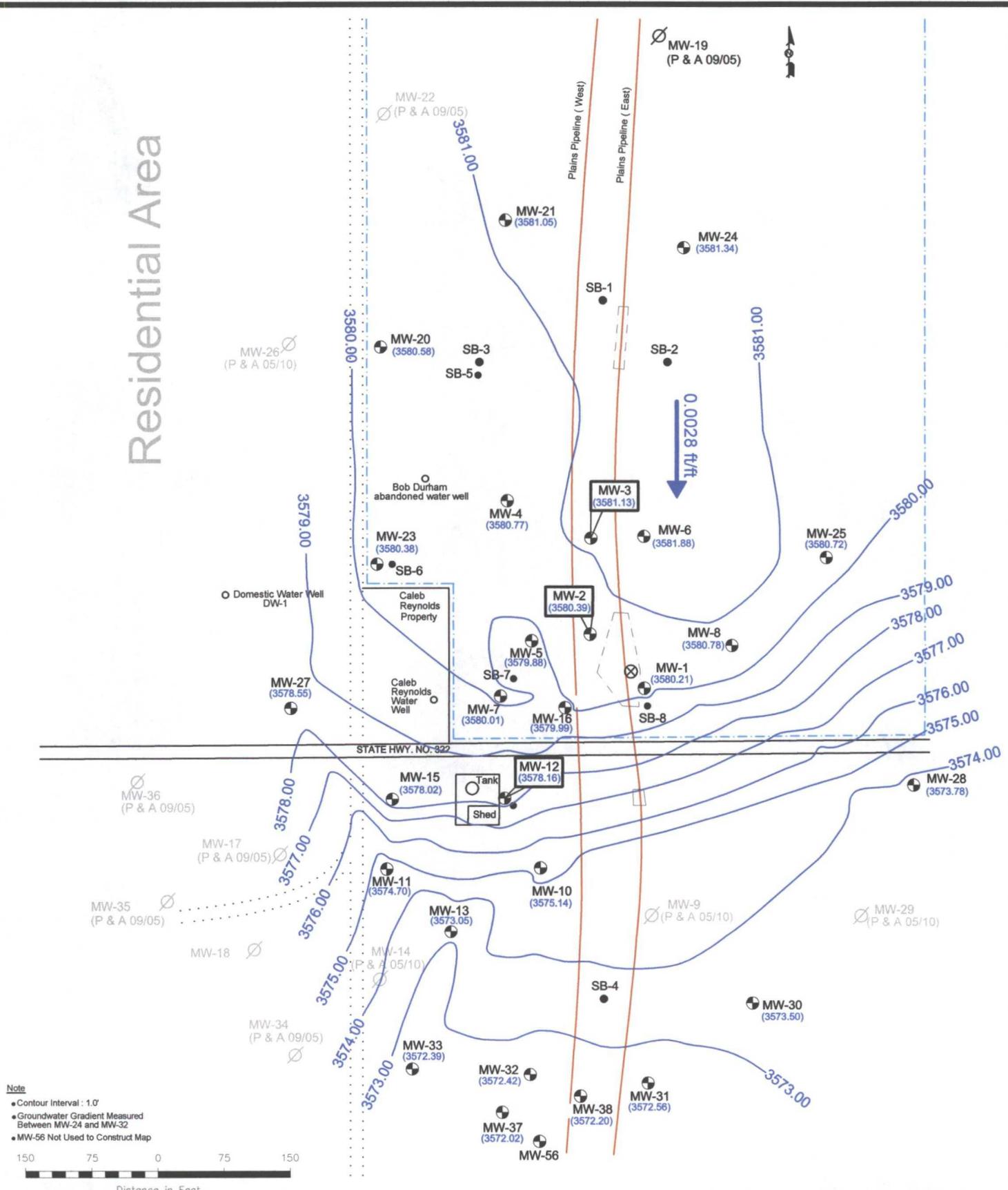
- ⊕ Monitor Well Location
- ⊗ Release Point
- Plains Pipeline L.P.
- Groundwater Elevation Contour Line
- Groundwater Gradient and Magnitude (3572.46)
- ⋯ Road
- ▭ Excavation Areas
- Soil Boring Locations
- Bob Durham Property Line

Figure 2B
Inferred Groundwater Gradient Map
 (05/18/10)
 NMOCED Reference # AP-0016
 Plains Marketing, L.P.
 Bob Durham
 Lea County, NM

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

June 2, 2010	Scale: 1" = 150'	CAD By: SAT	Checked By: RKR
32° 37' 27"N 103° 16' 53"W		NW1/4 NW1/4 Sec 32 T19S R37E	

Residential Area



Note
 • Contour Interval: 1.0'
 • Groundwater Gradient Measured Between MW-24 and MW-32
 • MW-56 Not Used to Construct Map

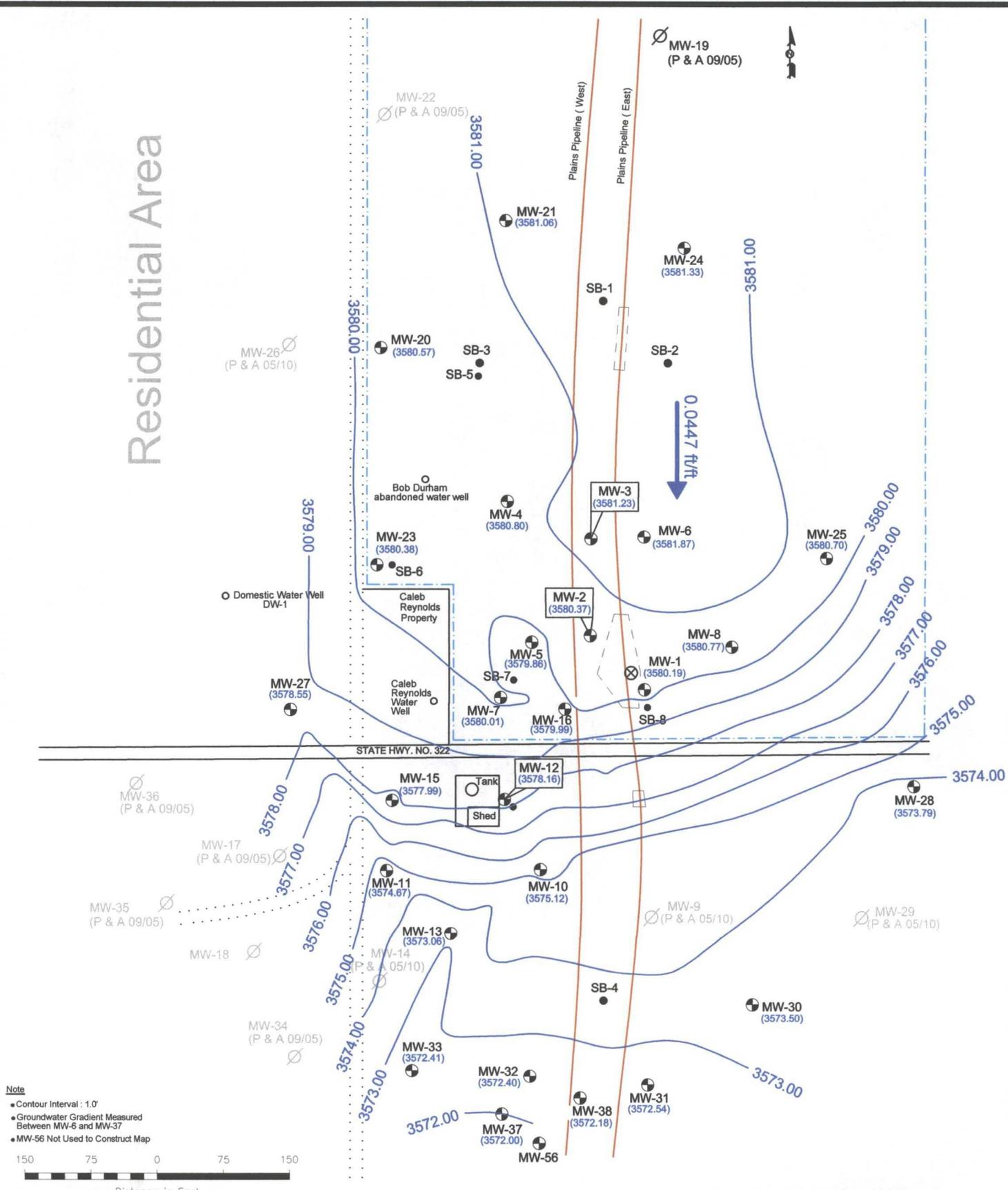


LEGEND:	
	Monitor Well Location
	Release Point
	Plains Pipeline L.P.
	Groundwater Elevation Contour Line
	Groundwater Gradient and Magnitude (3572.46)
	Road
	Excavation Areas
	Soil Boring Locations
	Bob Durham Property Line

Figure 2C
Inferred Groundwater Gradient Map (08/18/10)
 NMOC Reference # AP-0016
 Plains Marketing, L.P.
 Bob Durham
 Lea County, NM

		2057 Commerce Drive Midland, Texas 79703 432.520.7720 www.novasafetyandenvironmental.com	
September 28, 2010	Scale: 1" = 150'	CAD By: TA	Checked By: RKR
32° 37' 27"N 103° 16' 53"W		NW1/4 NW1/4 Sec 32 T19S R37E	

Residential Area



Note
 • Contour Interval: 1.0'
 • Groundwater Gradient Measured Between MW-6 and MW-37
 • MW-56 Not Used to Construct Map



LEGEND:	
	Monitor Well Location
	Release Point
	Plains Pipeline L.P.
	Groundwater Elevation Contour Line
	Groundwater Gradient and Magnitude
	Groundwater Elevation (feet)
	Road
	Excavation Areas
	Soil Boring Locations
	Bob Durham Property Line

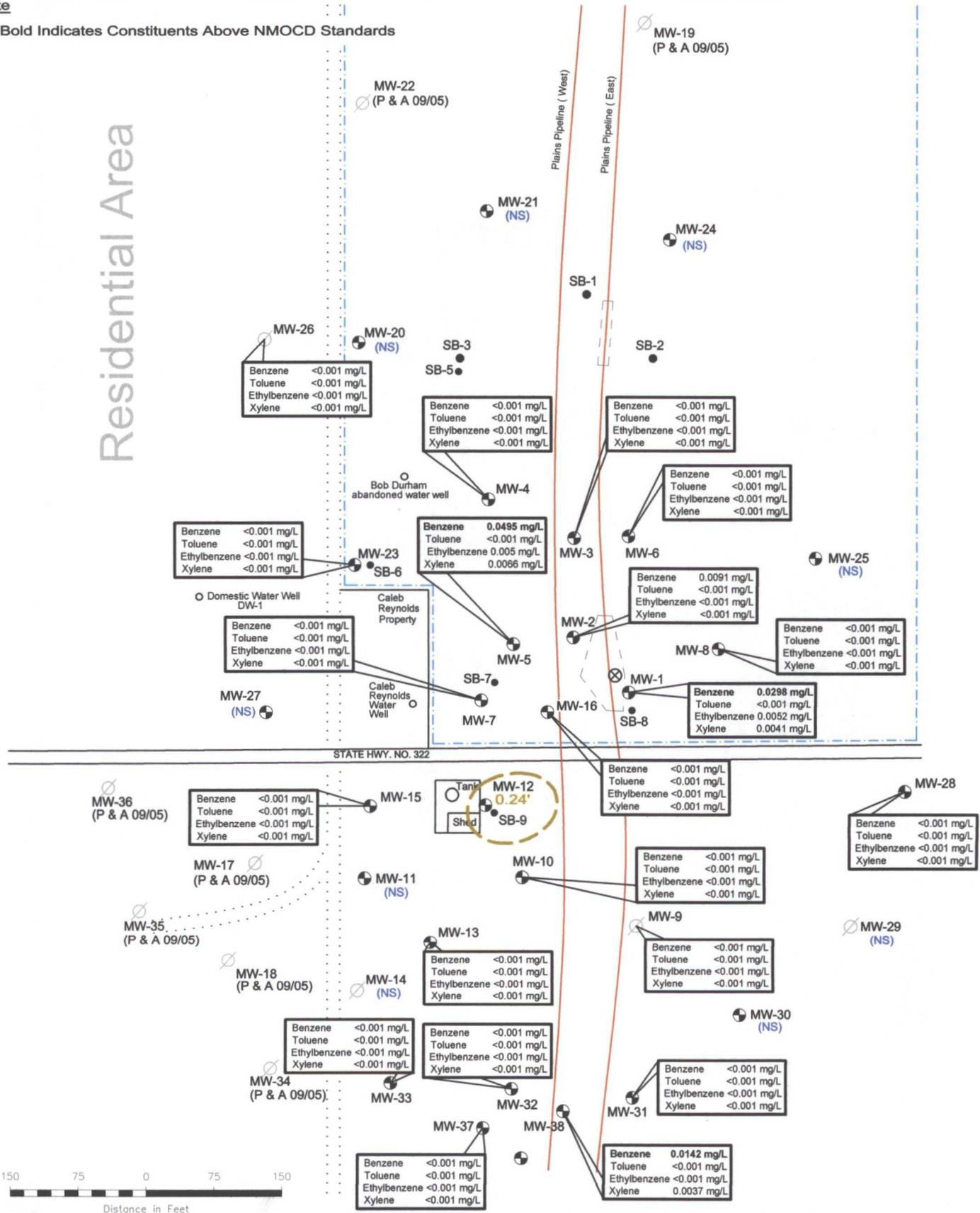
Figure 2D
Inferred Groundwater Gradient Map (11/16/10)
NMOCD Reference # AP-0016
Plains Marketing, L.P.
Bob Durham
Lea County, NM

		2057 Commerce Drive Midland, Texas 79703 432.520.7720 www.novasafetyandenvironmental.com	
December 10, 2010	Scale: 1" = 150'	CAD By: TA	Checked By: RKR
32° 37' 27"N 103° 16' 53"W		NW1/4 NW1/4 Sec 32 T19S R37E	

Note

- Bold Indicates Constituents Above NMOCD Standards

Residential Area



LEGEND:	
●	Soil Boring Locations
⊕	Plains Monitoring Well Locations
⊗	Release Point
NG	Not Gauged
---	Bob Durham Property Line
---	Excavation Areas
---	Dirt Road
---	Road
---	PSH Extent
(NS)	Not Sampled

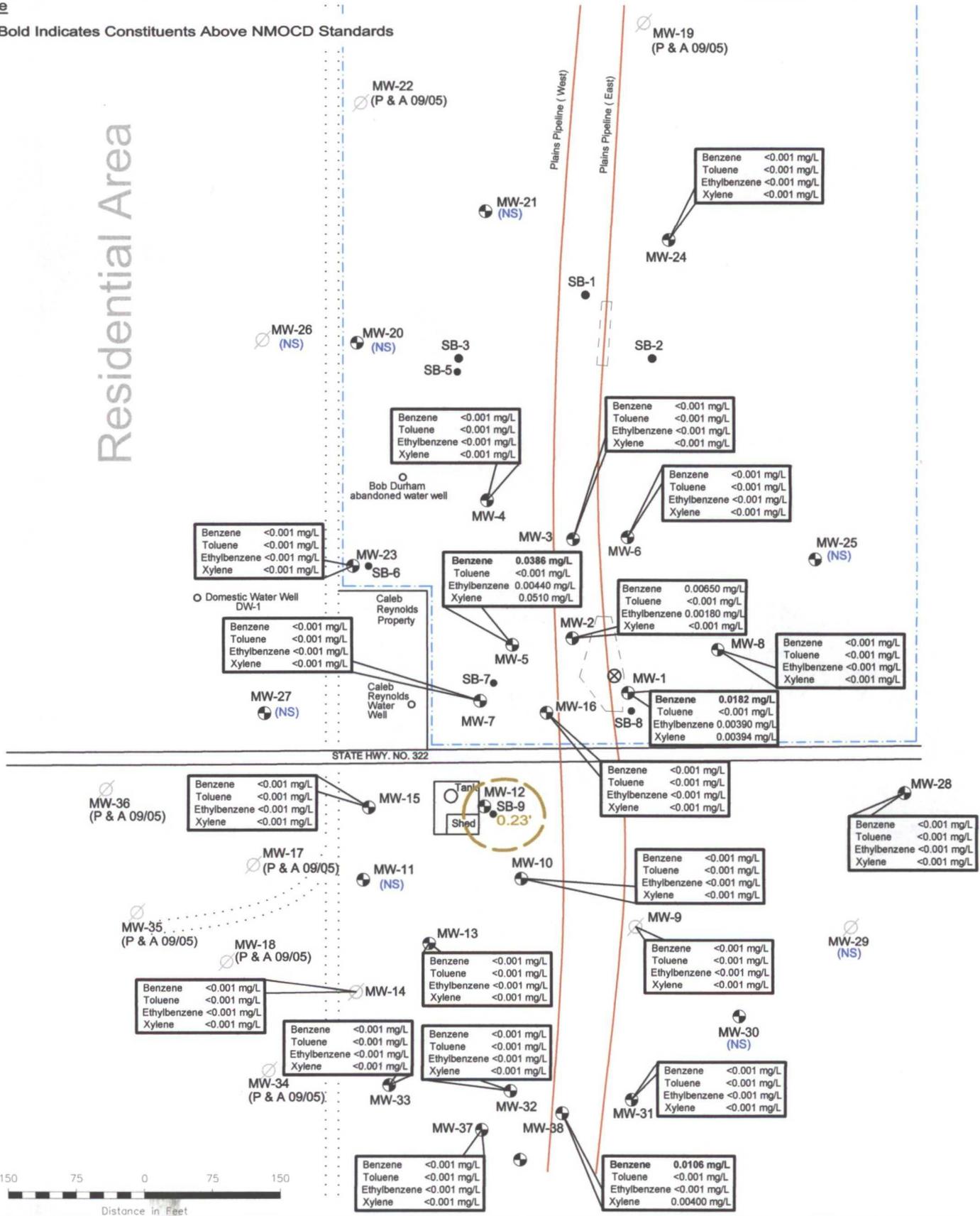
Figure 3A
Groundwater Concentration and Inferred PSH Extent Map (02/18/10)
 NMOCD Reference # AP-0016
 Plains Marketing, L.P.
 Bob Durham
 Lea County, NM

		2057 Commerce Drive Midland, Texas 79703 432.520.7720 www.novasafetyandenvironmental.com	
May 19, 2010	Scale: 1" = 150'	CAD By: SAT	Checked By: RKR
32° 37' 27"N 103° 16' 53"W		NW1/4 NW1/4 Sec 32 T19S R37E	

Note

- Bold Indicates Constituents Above NMOCD Standards

Residential Area



LEGEND:

● Plains Monitoring Well Locations	● Soil Boring Locations
⊗ Release Point	— Excavation Areas
NG Not Gauged	⋯ Dirt Road
— Bob Durham Property Line	— Road
	— PSH Extent
	(NS) Not Sampled

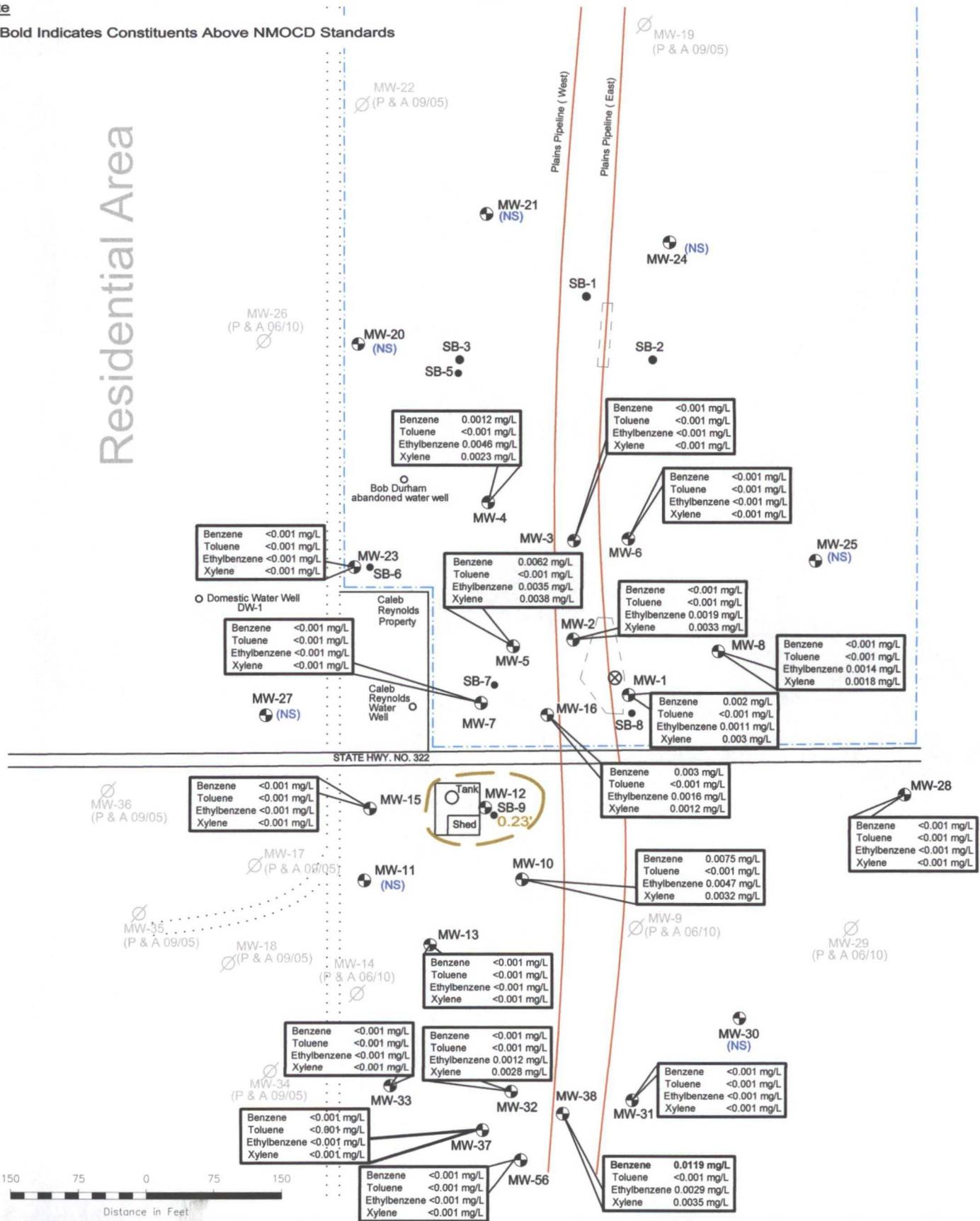
Figure 3B
Groundwater Concentration and Inferred PSH Extent Map (05/18/10)
 NMOCD Reference # AP-0016
 Plains Marketing, L.P.
 Bob Durham
 Lea County, NM

		2057 Commerce Drive Midland, Texas 79703 432.520.7720 www.novasafetyandenvironmental.com	
		June 02, 2010	Scale: 1" = 150'
32° 37' 27"N 103° 16' 53"W		NW1/4 NW1/4 Sec 32 T19S R37E	

Note

● **Bold Indicates Constituents Above NMOCD Standards**

Residential Area



LEGEND:

- Soil Boring Locations
- ⊕ Plains Monitoring Well Locations
- ⊗ Release Point
- NG Not Gauged
- Bob Durham Property Line
- Excavation Areas
- ⋯ Dirt Road
- Road
- PSH Extent
- (NS) Not Sampled

Figure 3C
Groundwater Concentration and Inferred PSH Extent Map (08/18/10)
 NMOCD Reference # AP-0016
 Plains Marketing, L.P.
 Bob Durham
 Lea County, NM



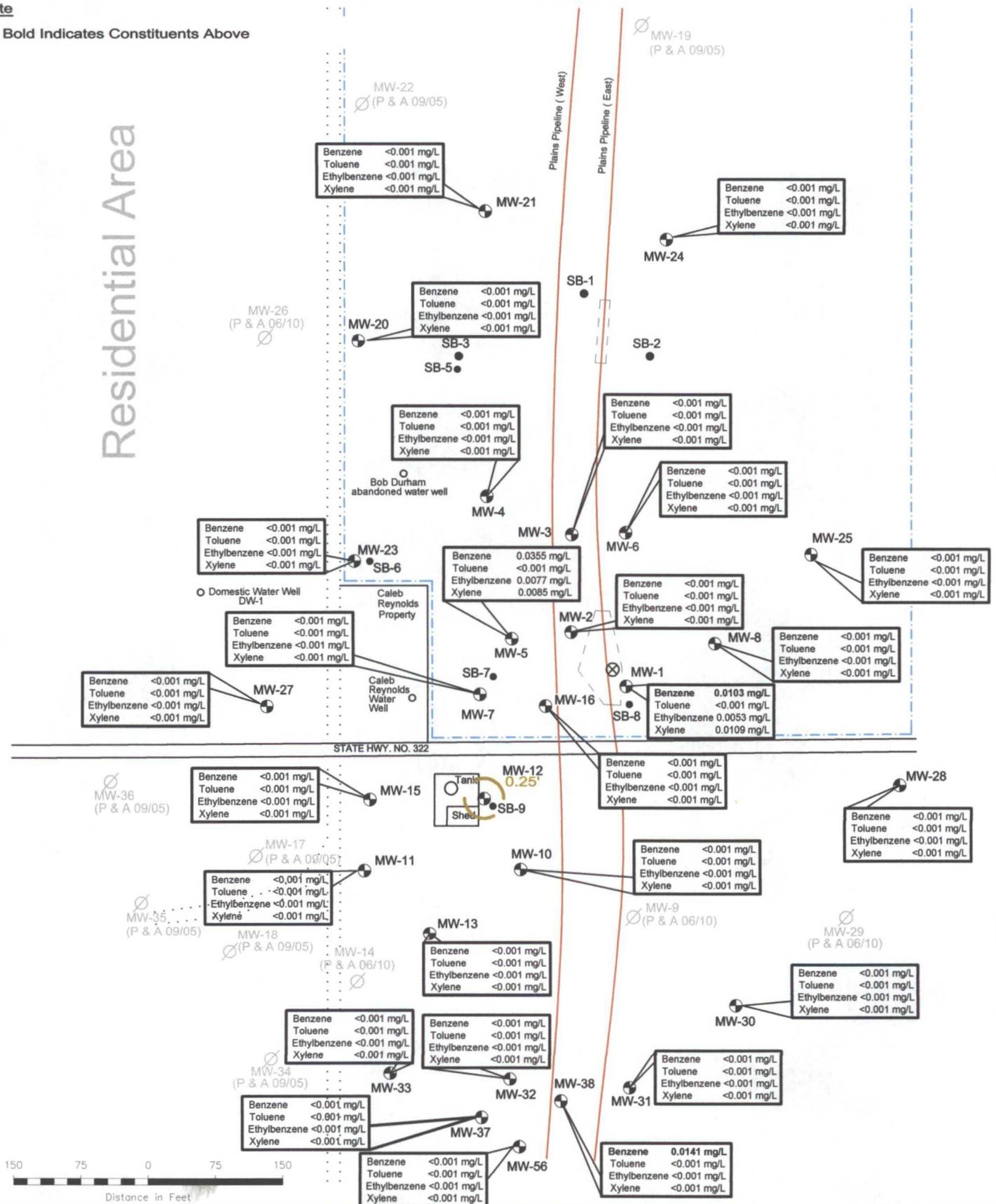
2057 Commerce Drive
 Midland, Texas 79703
 432.520.7720
 www.novasafetyandenvironmental.com

September 29, 2010	Scale: 1" = 150'	CAD By: TA	Checked By: RKR
32° 37' 27"N 103° 16' 53"W		NW1/4 NW1/4 Sec 32 T19S R37E	

Note

- Bold Indicates Constituents Above

Residential Area

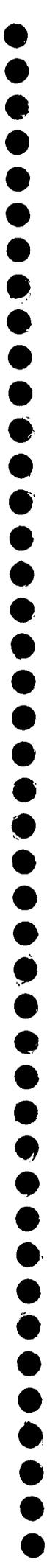


LEGEND:

●	Soil Boring Locations
⊕	Plains Monitoring Well Locations
⊗	Release Point
NG	Not Gauged
---	Bob Durham Property Line
—	Excavation Areas
---	Dirt Road
—	Road
---	PSH Extent
(NS)	Not Sampled

Figure 3D
Groundwater Concentration and Inferred PSH Extent Map (11/16/10)
 NMOCD Reference # AP-0016
 Plains Marketing, L.P.
 Bob Durham
 Lea County, NM

		2057 Commerce Drive Midland, Texas 79703 432.520.7720 www.novasafetyandenvironmental.com	
		December 23, 2010	Scale: 1" = 150'
32° 37' 27"N 103° 16' 53"W		NW1/4 NW1/4 Sec 32 T19S R37E	



Tables

TABLE 1

GROUNDWATER ELEVATION DATA - 2010

PLAINS MARKETING, L.P.
BOB DURHAM
MONUMENT, NEW MEXICO
NMOC D REFERENCE NUMBER AP-0016

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	01/13/10	3,595.30	-	15.14	0.00	3,580.16
MW - 1	01/20/10	3,595.30	-	15.04	0.00	3,580.26
MW - 1	02/18/10	3,595.30	-	15.06	0.00	3,580.24
MW - 1	03/03/10	3,595.30	-	15.10	0.00	3,580.20
MW - 1	03/16/10	3,595.30	-	15.06	0.00	3,580.24
MW - 1	04/05/10	3,595.30	-	15.07	0.00	3,580.23
MW - 1	04/15/10	3,595.30	-	15.06	0.00	3,580.24
MW - 1	04/19/10	3,595.30	-	15.10	0.00	3,580.20
MW - 1	04/28/10	3,595.30	-	15.08	0.00	3,580.22
MW - 1	05/18/10	3,595.30	-	15.09	0.00	3,580.21
MW - 1	05/21/10	3,595.30	-	15.11	0.00	3,580.19
MW - 1	07/28/10	3,595.30	-	15.38	0.00	3,579.92
MW - 1	08/06/10	3,595.30	-	15.22	0.00	3,580.08
MW - 1	08/18/10	3,595.30	-	15.09	0.00	3,580.21
MW - 1	08/31/10	3,595.30	-	15.34	0.00	3,579.96
MW - 1	09/10/10	3,595.30	-	15.34	0.00	3,579.96
MW - 1	09/23/10	3,595.30	-	15.35	0.00	3,579.95
MW - 1	10/06/10	3,595.30	-	15.37	0.00	3,579.93
MW - 1	10/27/10	3,595.30	-	15.38	0.00	3,579.92
MW - 1	11/16/10	3,595.30	-	15.11	0.00	3,580.19
MW - 1	12/16/10	3,595.30	-	15.26	0.00	3,580.04
MW - 2	01/13/10	3,595.64	-	15.25	0.00	3,580.39
MW - 2	01/20/10	3,595.64	-	15.36	0.00	3,580.28
MW - 2	02/18/10	3,595.64	-	15.24	0.00	3,580.40
MW - 2	03/03/10	3,595.64	-	15.26	0.00	3,580.38
MW - 2	04/15/10	3,595.64	-	15.30	0.00	3,580.34
MW - 2	04/19/10	3,595.64	-	15.31	0.00	3,580.33
MW - 2	05/18/10	3,595.64	-	15.26	0.00	3,580.38
MW - 2	05/21/10	3,595.64	-	15.27	0.00	3,580.37
MW - 2	08/18/10	3,595.64	-	15.25	0.00	3,580.39
MW - 2	11/16/10	3,595.64	-	15.27	0.00	3,580.37
MW - 3	01/13/10	3,596.22	-	15.07	0.00	3,581.15
MW - 3	02/18/10	3,596.22	-	15.06	0.00	3,581.16
MW - 3	05/18/10	3,596.22	-	15.09	0.00	3,581.13
MW - 3	08/18/10	3,596.22	-	15.09	0.00	3,581.13
MW - 3	11/16/10	3,596.22	-	14.99	0.00	3,581.23
MW - 4	01/13/10	3,596.60	-	15.82	0.00	3,580.78
MW - 4	01/20/10	3,596.60	-	15.97	0.00	3,580.63
MW - 4	02/18/10	3,596.60	-	15.80	0.00	3,580.80
MW - 4	03/03/10	3,596.60	-	15.82	0.00	3,580.78
MW - 4	03/16/10	3,596.60	-	15.39	0.00	3,581.21

TABLE 1

GROUNDWATER ELEVATION DATA - 2010

PLAINS MARKETING, L.P.
 BOB DURHAM
 MONUMENT, NEW MEXICO
 NMOCD REFERENCE NUMBER AP-0016

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	04/05/10	3,596.60	-	15.37	0.00	3,581.23
MW - 4	04/15/10	3,596.60	-	15.84	0.00	3,580.76
MW - 4	04/19/10	3,596.60	-	15.87	0.00	3,580.73
MW - 4	04/28/10	3,596.60	-	15.37	0.00	3,581.23
MW - 4	05/18/10	3,596.60	-	15.26	0.00	3,581.34
MW - 4	05/21/10	3,596.60	-	15.83	0.00	3,580.77
MW - 4	08/18/10	3,596.60	-	15.83	0.00	3,580.77
MW - 4	11/16/10	3,596.60	-	15.80	0.00	3,580.80
MW - 5	01/13/10	3,596.56	-	16.52	0.00	3,580.04
MW - 5	01/20/10	3,596.56	-	17.07	0.00	3,579.49
MW - 5	02/18/10	3,596.56	-	16.61	0.00	3,579.95
MW - 5	03/03/10	3,596.56	-	16.65	0.00	3,579.91
MW - 5	03/16/10	3,596.56	-	17.10	0.00	3,579.46
MW - 5	04/05/10	3,596.56	-	17.07	0.00	3,579.49
MW - 5	04/15/10	3,596.56	-	16.65	0.00	3,579.91
MW - 5	04/19/10	3,596.56	-	16.67	0.00	3,579.89
MW - 5	04/28/10	3,596.56	-	17.09	0.00	3,579.47
MW - 5	05/18/10	3,596.56	-	16.68	0.00	3,579.88
MW - 5	05/21/10	3,596.56	-	16.70	0.00	3,579.86
MW - 5	07/28/10	3,596.56	-	15.63	0.00	3,580.93
MW - 5	08/06/10	3,596.56	-	15.55	0.00	3,581.01
MW - 5	08/18/10	3,596.56	-	16.68	0.00	3,579.88
MW - 5	08/31/10	3,596.56	-	15.70	0.00	3,580.86
MW - 5	09/10/10	3,596.56	-	15.79	0.00	3,580.77
MW - 5	09/23/10	3,596.56	-	15.78	0.00	3,580.78
MW - 5	10/06/10	3,596.56	-	15.76	0.00	3,580.80
MW - 5	10/27/10	3,596.56	-	15.74	0.00	3,580.82
MW - 5	11/16/10	3,596.56	-	16.70	0.00	3,579.86
MW - 5	12/16/10	3,596.56	-	15.49	0.00	3,581.07
MW - 6	01/13/10	3,596.66	-	14.75	0.00	3,581.91
MW - 6	02/18/10	3,596.66	-	14.75	0.00	3,581.91
MW - 6	05/18/10	3,596.66	-	14.78	0.00	3,581.88
MW - 6	08/18/10	3,596.66	-	14.78	0.00	3,581.88
MW - 6	11/16/10	3,596.66	-	14.79	0.00	3,581.87
MW - 7	01/13/10	3,596.96	-	16.93	0.00	3,580.03
MW - 7	01/20/10	3,596.96	-	16.87	0.00	3,580.09
MW - 7	02/18/10	3,596.96	-	16.93	0.00	3,580.03
MW - 7	03/03/10	3,596.96	-	16.95	0.00	3,580.01
MW - 7	03/16/10	3,596.96	-	16.90	0.00	3,580.06
MW - 7	04/05/10	3,596.96	-	16.87	0.00	3,580.09

TABLE 1

GROUNDWATER ELEVATION DATA - 2010

PLAINS MARKETING, L.P.
 BOB DURHAM
 MONUMENT, NEW MEXICO
 NMOC D REFERENCE NUMBER AP-0016

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	04/15/10	3,596.96	-	16.99	0.00	3,579.97
MW - 7	04/19/10	3,596.96	-	17.01	0.00	3,579.95
MW - 7	04/28/10	3,596.96	-	16.86	0.00	3,580.10
MW - 7	05/18/10	3,596.96	-	16.96	0.00	3,580.00
MW - 7	05/21/10	3,596.96	-	16.97	0.00	3,579.99
MW - 7	08/18/10	3,596.96	-	16.95	0.00	3,580.01
MW - 7	11/15/10	3,596.96	-	16.95	0.00	3,580.01
MW - 8	01/13/10	3,597.35	-	16.53	0.00	3,580.82
MW - 8	02/18/10	3,597.35	-	16.52	0.00	3,580.83
MW - 8	05/18/10	3,597.35	-	16.56	0.00	3,580.79
MW - 8	08/18/10	3,597.35	-	16.57	0.00	3,580.78
MW - 8	11/15/10	3,597.35	-	16.58	0.00	3,580.77
MW - 9	01/13/10	3,593.95	-	18.15	0.00	3,575.80
MW - 9	02/18/10	3,593.95	-	18.15	0.00	3,575.80
MW - 9	05/18/10	3,593.95	-	18.19	0.00	3,575.76
MW - 9	05/28/10	PLUGGED & ABANDONED				
MW - 10	01/13/10	3,594.57	-	17.40	0.00	3,577.17
MW - 10	02/18/10	3,594.57	-	19.41	0.00	3,575.16
MW - 10	05/18/10	3,594.57	-	19.43	0.00	3,575.14
MW - 10	08/18/10	3,594.57	-	19.43	0.00	3,575.14
MW - 10	11/16/10	3,594.57	-	19.45	0.00	3,575.12
MW - 11	01/13/10	3,593.77	-	18.91	0.00	3,574.86
MW - 11	02/18/10	3,593.77	-	19.00	0.00	3,574.77
MW - 11	05/18/10	3,593.77	-	19.07	0.00	3,574.70
MW - 11	08/18/10	3,593.77	-	19.07	0.00	3,574.70
MW - 11	11/15/10	3,593.77	-	19.10	0.00	3,574.67
MW - 12	01/13/10	3,596.39	17.82	18.05	0.23	3,578.54
MW - 12	01/20/10	3,596.39	18.13	18.24	0.11	3,578.24
MW - 12	02/18/10	3,596.39	18.29	18.53	0.24	3,578.06
MW - 12	03/03/10	3,596.39	18.31	18.54	0.23	3,578.05
MW - 12	03/16/10	3,596.39	18.17	18.23	0.06	3,578.21
MW - 12	04/05/10	3,596.39	18.17	18.41	0.24	3,578.18
MW - 12	04/15/10	3,596.39	18.30	18.60	0.30	3,578.05
MW - 12	04/19/10	3,596.39	18.32	18.53	0.21	3,578.04
MW - 12	04/28/10	3,596.39	18.19	18.40	0.21	3,578.17
MW - 12	05/18/10	3,596.39	18.19	18.42	0.23	3,578.17
MW - 12	05/21/10	3,596.39	18.19	18.43	0.24	3,578.16
MW - 12	07/02/10	3,596.39	18.11	18.22	0.11	3,578.26

TABLE 1

GROUNDWATER ELEVATION DATA - 2010

PLAINS MARKETING, L.P.
 BOB DURHAM
 MONUMENT, NEW MEXICO
 NMOCD REFERENCE NUMBER AP-0016

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 12	07/28/10	3,596.39	17.54	17.76	0.22	3,578.82
MW - 12	08/06/10	3,596.39	17.60	17.73	0.13	3,578.77
MW - 12	08/18/10	3,596.39	18.20	18.43	0.23	3,578.16
MW - 12	08/31/10	3,596.39	17.64	17.73	0.09	3,578.74
MW - 12	09/10/10	3,596.39	17.67	17.75	0.08	3,578.71
MW - 12	09/23/10	3,596.39	17.68	17.73	0.05	3,578.70
MW - 12	10/06/10	3,596.39	17.70	17.72	0.02	3,578.69
MW - 12	10/27/10	3,596.39	17.72	17.74	0.02	3,578.67
MW - 12	11/16/10	3,596.39	18.19	18.44	0.25	3,578.16
MW - 12	12/16/10	3,596.39	17.61	17.84	0.23	3,578.75
MW - 13	01/13/10	3,592.71	-	19.04	0.00	3,573.67
MW - 13	02/18/10	3,592.71	-	19.65	0.00	3,573.06
MW - 13	05/18/10	3,592.71	-	19.67	0.00	3,573.04
MW - 13	08/18/10	3,592.71	-	19.66	0.00	3,573.05
MW - 13	11/16/10	3,592.71	-	19.65	0.00	3,573.06
MW - 14	01/13/10	3,592.73	-	19.53	0.00	3,573.20
MW - 14	02/18/10	3,592.73	-	19.55	0.00	3,573.18
MW - 14	05/18/10	3,592.73	-	19.61	0.00	3,573.12
MW - 14	05/28/10	PLUGGED & ABANDONED				
MW - 15	01/13/10	3,595.93	-	17.56	0.00	3,578.37
MW - 15	02/18/10	3,595.93	-	17.87	0.00	3,578.06
MW - 15	05/18/10	3,595.93	-	17.91	0.00	3,578.02
MW - 15	08/18/10	3,595.93	-	17.91	0.00	3,578.02
MW - 15	11/15/10	3,595.93	-	17.94	0.00	3,577.99
MW - 16	01/13/10	3,595.75	-	15.74	0.00	3,580.01
MW - 16	01/20/10	3,595.75	-	15.73	0.00	3,580.02
MW - 16	02/18/10	3,595.75	-	15.73	0.00	3,580.02
MW - 16	03/03/10	3,595.75	-	15.76	0.00	3,579.99
MW - 16	03/16/10	3,595.75	-	15.76	0.00	3,579.99
MW - 16	04/05/10	3,595.75	-	15.74	0.00	3,580.01
MW - 16	04/15/10	3,595.75	-	15.79	0.00	3,579.96
MW - 16	04/19/10	3,595.75	-	15.81	0.00	3,579.94
MW - 16	04/28/10	3,595.75	-	15.76	0.00	3,579.99
MW - 16	05/18/10	3,595.75	-	15.77	0.00	3,579.98
MW - 16	05/21/10	3,595.75	-	15.79	0.00	3,579.96
MW - 16	08/18/10	3,595.75	-	15.76	0.00	3,579.99
MW - 16	11/15/10	3,595.75	-	15.76	0.00	3,579.99

TABLE 1

GROUNDWATER ELEVATION DATA - 2010

PLAINS MARKETING, L.P.
 BOB DURHAM
 MONUMENT, NEW MEXICO
 NMOCD REFERENCE NUMBER AP-0016

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 20	01/13/10	3,597.64	-	17.03	0.00	3,580.61
MW - 20	02/18/10	3,597.64	-	17.00	0.00	3,580.64
MW - 20	05/18/10	3,597.64	-	17.05	0.00	3,580.59
MW - 20	08/18/10	3,597.64	-	17.06	0.00	3,580.58
MW - 20	11/15/10	3,597.64	-	17.07	0.00	3,580.57
MW - 21	01/13/10	3,596.88	-	15.79	0.00	3,581.09
MW - 21	02/18/10	3,596.88	-	15.78	0.00	3,581.10
MW - 21	05/18/10	3,596.88	-	15.84	0.00	3,581.04
MW - 21	08/18/10	3,596.88	-	15.83	0.00	3,581.05
MW - 21	11/15/10	3,596.88	-	15.82	0.00	3,581.06
MW - 23	01/13/10	3,598.07	-	17.65	0.00	3,580.42
MW - 23	02/18/10	3,598.07	-	17.64	0.00	3,580.43
MW - 23	05/18/10	3,598.07	-	17.69	0.00	3,580.38
MW - 23	08/18/10	3,598.07	-	17.69	0.00	3,580.38
MW - 23	11/15/10	3,598.07	-	17.69	0.00	3,580.38
MW - 24	01/13/10	3,598.01	-	16.64	0.00	3,581.37
MW - 24	02/18/10	3,598.01	-	16.63	0.00	3,581.38
MW - 24	05/18/10	3,598.01	-	16.66	0.00	3,581.35
MW - 24	08/18/10	3,598.01	-	16.67	0.00	3,581.34
MW - 24	11/15/10	3,598.01	-	16.68	0.00	3,581.33
MW - 25	01/13/10	3,599.25	-	18.48	0.00	3,580.77
MW - 25	02/18/10	3,599.25	-	18.48	0.00	3,580.77
MW - 25	05/18/10	3,599.25	-	18.53	0.00	3,580.72
MW - 25	08/18/10	3,599.25	-	18.53	0.00	3,580.72
MW - 25	11/15/10	3,599.25	-	18.55	0.00	3,580.70
MW - 26	01/13/10	3,596.26	-	14.57	0.00	3,581.69
MW - 26	02/18/10	3,596.26	-	14.52	0.00	3,581.74
MW - 26	05/18/10	3,596.26	-	14.56	0.00	3,581.70
MW - 26	05/28/10	PLUGGED & ABANDONED				
MW - 27	01/13/10	3,592.64	-	14.09	0.00	3,578.55
MW - 27	02/18/10	3,592.64	-	14.07	0.00	3,578.57
MW - 27	05/18/10	3,592.64	DID NOT GAUGE NOR SAMPLE DUE TO AGGRESSIVE DOGS			
MW - 27	08/18/10	3,592.64	-	14.09	0.00	3,578.55
MW - 27	11/15/10	3,592.64	-	14.09	0.00	3,578.55

TABLE 1

GROUNDWATER ELEVATION DATA - 2010

PLAINS MARKETING, L.P.
BOB DURHAM
MONUMENT, NEW MEXICO
NMOCD REFERENCE NUMBER AP-0016

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 28	01/13/10	3,598.02	-	24.86	0.00	3,573.16
MW - 28	02/18/10	3,598.02	-	24.62	0.00	3,573.40
MW - 28	05/18/10	3,598.02	-	24.25	0.00	3,573.77
MW - 28	08/18/10	3,598.02	-	24.24	0.00	3,573.78
MW - 28	11/15/10	3,598.02	-	24.23	0.00	3,573.79
MW - 29	01/13/10	3,595.29	-	21.57	0.00	3,573.72
MW - 29	02/18/10	3,595.29	-	21.56	0.00	3,573.73
MW - 29	05/18/10	3,595.29	-	21.62	0.00	3,573.67
MW - 29	05/28/10	PLUGGED & ABANDONED				
MW - 30	01/13/10	3,595.74	-	22.19	0.00	3,573.55
MW - 30	02/18/10	3,595.74	-	22.18	0.00	3,573.56
MW - 30	05/18/10	3,595.74	-	22.24	0.00	3,573.50
MW - 30	08/18/10	3,595.74	-	22.24	0.00	3,573.50
MW - 30	11/15/10	3,595.74	-	22.24	0.00	3,573.50
MW - 31	01/13/10	3,593.77	-	21.19	0.00	3,572.58
MW - 31	02/18/10	3,593.77	-	21.15	0.00	3,572.62
MW - 31	05/18/10	3,593.77	-	21.19	0.00	3,572.58
MW - 31	08/18/10	3,593.77	-	21.21	0.00	3,572.56
MW - 31	11/15/10	3,593.77	-	21.23	0.00	3,572.54
MW - 32	01/13/10	3,592.11	-	19.57	0.00	3,572.54
MW - 32	02/18/10	3,592.11	-	19.68	0.00	3,572.43
MW - 32	05/18/10	3,592.11	-	19.69	0.00	3,572.42
MW - 32	05/21/10	3,592.11	-	19.71	0.00	3,572.40
MW - 32	08/18/10	3,592.11	-	19.69	0.00	3,572.42
MW - 32	11/15/10	3,592.11	-	19.71	0.00	3,572.40
MW - 33	01/13/10	3,592.55	-	20.04	0.00	3,572.51
MW - 33	02/18/10	3,592.55	-	20.12	0.00	3,572.43
MW - 33	05/18/10	3,592.55	-	20.17	0.00	3,572.38
MW - 33	08/18/10	3,592.55	-	20.16	0.00	3,572.39
MW - 33	11/15/10	3,592.55	-	20.14	0.00	3,572.41
MW - 37	01/13/10	3,592.00	-	19.84	0.00	3,572.16
MW - 37	02/18/10	3,592.00	-	19.96	0.00	3,572.04
MW - 37	05/18/10	3,592.00	-	19.98	0.00	3,572.02
MW - 37	08/18/10	3,592.00	-	19.98	0.00	3,572.02
MW - 37	11/15/10	3,592.00	-	20.00	0.00	3,572.00

TABLE 1

GROUNDWATER ELEVATION DATA - 2010

PLAINS MARKETING, L.P.
 BOB DURHAM
 MONUMENT, NEW MEXICO
 NMOCD REFERENCE NUMBER AP-0016

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 38	01/13/10	3,592.14	-	20.18	0.00	3571.96
MW - 38	01/20/10	3,592.14	-	20.04	0.00	3572.10
MW - 38	02/18/10	3,592.14	-	19.91	0.00	3572.23
MW - 38	03/03/10	3,592.14	-	20.04	0.00	3572.10
MW - 38	03/16/10	3,592.14	-	20.09	0.00	3572.05
MW - 38	04/05/10	3,592.14	-	20.03	0.00	3572.11
MW - 38	04/15/10	3,592.14	-	20.18	0.00	3571.96
MW - 38	04/19/10	3,592.14	-	20.21	0.00	3571.93
MW - 38	04/28/10	3,592.14	-	20.05	0.00	3572.09
MW - 38	05/18/10	3,592.14	-	19.96	0.00	3572.18
MW - 38	05/21/10	3,592.14	-	19.98	0.00	3572.16
MW - 38	08/18/10	3,592.14	-	19.94	0.00	3572.20
MW - 38	11/16/10	3,592.14	-	19.96	0.00	3572.18
MW-56	08/18/10	-	-	19.77	0	-19.77
MW-56	11/15/10	-	-	19.77	0	-19.77
SUMP	07/28/10		-	13.91	0.00	
SUMP	08/06/10		sheen	13.86	0.00	
SUMP	08/31/10		sheen	13.88	0.00	
SUMP	09/10/10		sheen	14.01	0.00	
SUMP	09/23/10		sheen	14.01	0.00	
SUMP	10/06/10		sheen	14.03	0.00	
SUMP	10/27/10		sheen	14.04	0.00	
SUMP	12/16/10		sheen	13.92	0.00	

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

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 BOB DURHAM
 MONUMENT, NEW MEXICO
 NMOCD REFERENCE NUMBER AP-0016

Results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o-XYLENE
NMOCD REGULATORY LIMIT		0.0100	0.7500	0.7500	0.6200	
MW-1	02/18/10	0.0298	<0.001	0.0052	0.0041	
MW-1	05/18/10	0.0182	<0.001	0.0039	0.0034	
MW-1	08/18/10	0.0020	<0.001	0.0011	0.0030	
MW-1	11/15/10	0.0103	<0.001	0.0053	0.0109	
MW-2	02/18/10	0.0091	<0.001	<0.001	<0.001	
MW-2	05/18/10	0.0065	<0.001	0.0018	<0.001	
MW-2	08/18/10	<0.001	<0.001	0.0019	0.0033	
MW-2	11/15/10	<0.001	<0.001	<0.001	<0.001	
MW-3	02/18/10	<0.001	<0.001	<0.001	<0.001	
MW-3	05/18/10	<0.001	<0.001	<0.001	<0.001	
MW-3	08/18/10	<0.001	<0.001	<0.001	<0.001	
MW-3	11/15/10	<0.001	<0.001	<0.001	<0.001	
MW-4	02/18/10	<0.001	<0.001	<0.001	<0.001	
MW-4	05/18/10	<0.001	<0.001	<0.001	<0.001	
MW-4	08/18/10	0.0012	<0.001	0.0046	0.0023	
MW-4	11/15/10	<0.001	<0.001	<0.001	<0.001	
MW-5	02/18/10	0.0495	<0.001	0.005	0.0066	
MW-5	05/18/10	0.0386	<0.001	0.004	0.0051	
MW-5	08/18/10	0.0062	<0.001	0.0035	0.0038	
MW-5	11/15/10	0.0355	<0.001	0.0077	0.0085	
MW-6	02/18/10	<0.001	<0.001	<0.001	<0.001	
MW-6	05/18/10	<0.001	<0.001	<0.001	<0.001	
MW-6	08/18/10	<0.001	<0.001	<0.001	<0.001	
MW-6	11/15/10	<0.001	<0.001	<0.001	<0.001	
MW-7	02/18/10	<0.001	<0.001	<0.001	<0.001	
MW-7	05/18/10	<0.001	<0.001	<0.001	<0.001	
MW-7	08/18/10	<0.001	<0.001	<0.001	<0.001	
MW-7	11/15/10	<0.001	<0.001	<0.001	<0.001	
MW-8	02/18/10	<0.001	<0.001	<0.001	<0.001	
MW-8	05/18/10	<0.001	<0.001	<0.001	<0.001	
MW-8	08/18/10	<0.001	<0.001	0.0014	0.0018	
MW-8	11/15/10	<0.001	<0.001	<0.001	<0.001	

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 BOB DURHAM
 MONUMENT, NEW MEXICO
 NMOCD REFERENCE NUMBER AP-0016

Results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o-XYLENE
NMOCD REGULATORY LIMIT		0.0100	0.7500	0.7500	0.6200	
MW-9	02/18/10	<0.001	<0.001	<0.001	<0.001	
MW-9	05/18/10	<0.001	<0.001	<0.001	<0.001	
MW-9	05/28/10	Plugged and Abandoned				
MW-10	02/18/10	<0.001	<0.001	<0.001	<0.001	
MW-10	05/18/10	<0.001	<0.001	<0.001	<0.001	
MW-10	08/18/10	0.0075	<0.001	0.0047	0.0032	
MW-10	11/15/10	<0.001	<0.001	<0.001	<0.001	
MW-11	02/18/10	Not Sampled on Current Sample Schedule				
MW-11	05/18/10	Not Sampled on Current Sample Schedule				
MW-11	08/18/10	Not Sampled on Current Sample Schedule				
MW-11	11/15/10	<0.001	<0.001	<0.001	<0.001	
MW-12	02/18/10	Not Sampled Due to PSH in Well				
MW-12	05/18/10	Not Sampled Due to PSH in Well				
MW-12	08/18/10	Not Sampled Due to PSH in Well				
MW-12	02/18/10	Not Sampled Due to PSH in Well				
MW-13	02/18/10	<0.001	<0.001	<0.001	<0.001	
MW-13	05/18/10	<0.001	<0.001	<0.001	<0.001	
MW-13	08/18/10	<0.001	<0.001	<0.001	<0.001	
MW-13	11/15/10	<0.001	<0.001	<0.001	<0.001	
MW-14	02/18/10	Not Sampled on Current Sample Schedule				
MW-14	05/18/10	<0.001	<0.001	<0.001	<0.001	
MW-14	05/28/10	Plugged and Abandoned				
MW-15	02/18/10	<0.001	<0.001	<0.001	<0.001	
MW-15	05/18/10	<0.001	<0.001	<0.001	<0.001	
MW-15	08/18/10	<0.001	<0.001	<0.001	<0.001	
MW-15	11/15/10	<0.001	<0.001	<0.001	<0.001	
MW-16	02/18/10	<0.001	<0.001	<0.001	<0.001	
MW-16	05/18/10	<0.001	<0.001	<0.001	<0.001	
MW-16	08/18/10	0.0030	<0.001	0.0016	0.0012	
MW-16	11/15/10	<0.001	<0.001	<0.001	<0.001	

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 BOB DURHAM
 MONUMENT, NEW MEXICO
 NMOCD REFERENCE NUMBER AP-0016

Results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o-XYLENE
NMOCD REGULATORY LIMIT		0.0100	0.7500	0.7500	0.6200	
MW-20	02/18/10	Not Sampled on Current Sample Schedule				
MW-20	05/18/10	Not Sampled on Current Sample Schedule				
MW-20	08/18/10	Not Sampled on Current Sample Schedule				
MW-20	11/15/10	<0.001	<0.001	<0.001	<0.001	
MW-21	02/18/10	Not Sampled on Current Sample Schedule				
MW-21	05/18/10	Not Sampled on Current Sample Schedule				
MW-21	08/18/10	Not Sampled on Current Sample Schedule				
MW-21	11/15/10	<0.001	<0.001	<0.001	<0.001	
MW-23	02/18/10	<0.001	<0.001	<0.001	<0.001	
MW-23	05/18/10	<0.001	<0.001	<0.001	<0.001	
MW-23	08/18/10	<0.001	<0.001	<0.001	<0.001	
MW-23	11/15/10	<0.001	<0.001	<0.001	<0.001	
MW-24	02/18/10	Not Sampled on Current Sample Schedule				
MW-24	05/18/10	<0.001	<0.001	<0.001	<0.001	
MW-24	08/18/10	Not Sampled on Current Sample Schedule				
MW-24	11/15/10	<0.001	<0.001	<0.001	<0.001	
MW-25	02/18/10	Not Sampled on Current Sample Schedule				
MW-25	05/18/10	Not Sampled on Current Sample Schedule				
MW-25	08/18/10	Not Sampled on Current Sample Schedule				
MW-25	11/15/10	<0.001	<0.001	<0.001	<0.001	
MW-26	02/18/10	<0.001	<0.001	<0.001	<0.001	
MW-26	05/18/10	<0.001	<0.001	<0.001	<0.001	
MW-26	05/28/10	Plugged and Abandoned				
MW-27	02/18/10	Not Sampled on Current Sample Schedule				
MW-27	05/18/10	Not Sampled				
MW-27	08/18/10	Not Sampled on Current Sample Schedule				
MW-27	11/15/10	<0.001	<0.001	<0.001	<0.001	
MW-28	02/18/10	<0.001	<0.001	<0.001	<0.001	
MW-28	05/18/10	<0.001	<0.001	<0.001	<0.001	
MW-28	08/18/10	<0.001	<0.001	<0.001	<0.001	
MW-28	11/15/10	<0.001	<0.001	<0.001	<0.001	

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
BOB DURHAM
MONUMENT, NEW MEXICO
NMOCD REFERENCE NUMBER AP-0016

Results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o-XYLENE
NMOCD REGULATORY LIMIT		0.0100	0.7500	0.7500	0.6200	
MW-29	02/18/10	Not Sampled on Current Sample Schedule				
MW-29	05/28/10	Plugged and Abandoned				
MW-30	02/18/10	Not Sampled on Current Sample Schedule				
MW-30	05/18/10	Not Sampled on Current Sample Schedule				
MW-30	08/18/10	Not Sampled on Current Sample Schedule				
MW-30	11/15/10	<0.001	<0.001	<0.001	<0.001	
MW-31	02/18/10	<0.001	<0.001	<0.001	<0.001	
MW-31	05/18/10	<0.001	<0.001	<0.001	<0.001	
MW-31	08/18/10	<0.001	<0.001	<0.001	<0.001	
MW-31	11/15/10	<0.001	<0.001	<0.001	<0.001	
MW-32	02/18/10	<0.001	<0.001	<0.001	<0.001	
MW-32	05/18/10	<0.001	<0.001	<0.001	<0.001	
MW-32	08/18/10	<0.001	<0.001	0.0012	0.0028	
MW-32	11/15/10	<0.001	<0.001	<0.001	<0.001	
MW-33	02/18/10	<0.001	<0.001	<0.001	<0.001	
MW-33	05/18/10	<0.001	<0.001	<0.001	<0.001	
MW-33	08/18/10	<0.001	<0.001	<0.001	<0.001	
MW-33	11/15/10	<0.001	<0.001	<0.001	<0.001	
MW-37	02/18/10	<0.001	<0.001	<0.001	<0.001	
MW-37	05/18/10	<0.001	<0.001	<0.001	<0.001	
MW-37	08/18/10	<0.001	<0.001	<0.001	<0.001	
MW-37	11/15/10	<0.001	<0.001	<0.001	<0.001	
MW-38	02/18/10	0.0142	<0.001	0.0010	0.0037	
MW-38	05/18/10	0.0106	<0.001	<0.001	0.0040	
MW-38	08/18/10	0.0119	<0.001	0.0029	0.0035	
MW-38	11/15/10	0.0141	<0.001	<0.001	<0.001	
MW-56	05/18/10	<0.001	<0.001	<0.001	<0.001	
MW-56	08/18/10	<0.001	<0.001	<0.001	<0.001	
MW-56	11/15/10	<0.001	<0.001	<0.001	<0.001	

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

TABLE 3

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
BOB DURHAM
MONUMENT, NEW MEXICO
NMOCD REFERENCE NUMBER AP-0016

SAMPLE LOCATION	SAMPLE DATE	Acenaphthene	Acenaphthylene	Anthracene	Benz[a]anthracene	Benz[a]pyrene	Benz[b]fluoranthene	Benz[ghi]perylene	Benz[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methyl-naphthalene	2-Methyl-naphthalene	Dibenzofuran	
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101, 101.UU and 3-103.A.	MW-1	11/18/08	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.0154	<0.000922	0.0145	<0.000922	0.0382	0.0912	0.0855	0.00764	
		11/12/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.00262	<0.000183	0.0022	<0.000183	0.0192	0.0325	0.0289	0.00192	
		11/16/10	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000465	<0.000184	<0.000184	<0.000184	0.00404	0.0103	0.000268	0.000452	
		11/18/08	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	0.00314	<0.000926	0.00148	<0.000926	0.00345	0.00608	0.00205	0.00167	
		11/12/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.0022	<0.000184	0.00067	<0.000184	0.00505	0.00838	0.00039	0.00161	
		11/16/10	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
		11/18/08	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	0.000342	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187
		11/12/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
		11/16/10	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
		11/18/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000466	<0.000184	<0.000184	0.00258	<0.000184	0.000606	<0.000184	0.00101	0.00227	0.000821	0.0016
	11/12/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
	11/16/10	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
	11/18/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00114	<0.000184	<0.000184	0.0072	<0.000184	0.00558	0.000494	0.0295	0.056	0.0504	0.00288	
	11/12/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.00205	<0.000183	<0.000183	0.00142	<0.000183	0.0168	0.0244	0.0193	0.00114	
	11/16/10	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00132	<0.000184	<0.000184	0.000798	<0.000184	0.00532	0.00962	0.00626	0.000806	
	11/18/08	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	0.00344	0.00103	<0.000926	
	11/12/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.00061	<0.000183	<0.000183	
	11/16/10	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
	11/18/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
	11/12/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
	11/16/10	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
	11/18/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00116	<0.000184	<0.000184	<0.000184	<0.000184	0.000228	0.000341	0.0002	<0.000184	<0.000184	0.00123	
	11/12/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.00198	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
	11/16/10	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	

TABLE 3

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
BOB DURHAM
MONUMENT, NEW MEXICO
NMOC D REFERENCE NUMBER AP-0016

EPA SW846-8270C, 3510

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	Acenaphthene	Acenaphthylene	Anthracene	Benzoflanthracene	Benz[a]pyrene	Benz[b]fluoranthene	Benz[e,h,i]perylene	Benz[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.																		0.03 mg/L		
MW-9	11/18/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.0003 mg/L				0.0004 mg/L						
	11/12/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.0002 mg/L				<0.000183						
	11/16/10													<0.000184						
		Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	11/18/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.0002 mg/L				<0.000184						
	11/12/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.0002 mg/L				<0.000183						
	11/16/10													<0.000184						
		Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	11/18/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.0002 mg/L				<0.000184						
	11/12/09	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.0002 mg/L				<0.000185						
	11/16/10													<0.000185						
		Not Sampled as part of Quarterly Monitoring Event.																		
MW-12	11/18/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000774				<0.000184						
	11/12/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000774				<0.000184						
	11/16/10													<0.000184						
		Not Sampled as part of Quarterly Monitoring Event.																		
MW-13	11/18/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.000774				<0.000185						
	11/12/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000774				<0.000184						
	11/16/10													<0.000184						
		Not Sampled as part of Quarterly Monitoring Event.																		
MW-14	11/18/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.000774				<0.000185						
	11/12/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.000774				<0.000183						
	11/16/10													<0.000183						
		Not Sampled as part of Quarterly Monitoring Event.																		
MW-15	11/18/08	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	0.000771				<0.000186						
	11/12/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.000771				<0.000183						
	11/16/10													<0.000183						
		Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	11/18/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.000711				<0.000183						
	11/12/09	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.000711				<0.000185						
	11/16/10													<0.000185						
		Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 3

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
 BOB DURHAM
 MONUMENT, NEW MEXICO
 NMOC REFERENCE NUMBER AP-0016

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																			
		Acenaphthene	Acenaphthylene	Anthracene	Benz[a]anthracene	Benz[a]pyrene	Benz[b]fluoranthene	Benz[ghi]perylene	Benz[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran		
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.																					
	MW-29	11/18/08	<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	
		11/12/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
		11/16/10	Not Sampled as part of Quarterly Monitoring Event.																		
	MW-30	11/18/08	<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
		11/12/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
		11/16/10	Not Sampled as part of Quarterly Monitoring Event.																		
	MW-31	11/18/08	<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
		11/12/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
		11/16/10	Not Sampled as part of Quarterly Monitoring Event.																		
MW-32	11/18/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	
	11/12/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
	11/16/10	Not Sampled as part of Quarterly Monitoring Event.																			
MW-33	11/18/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	
	11/12/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
	11/16/10	Not Sampled as part of Quarterly Monitoring Event.																			
MW-37	11/18/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	
	11/12/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
	11/16/10	Not Sampled as part of Quarterly Monitoring Event.																			
MW-38	11/18/08	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	
	11/12/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
	11/16/10	Not Sampled as part of Quarterly Monitoring Event.																			
MW-56	11/16/10	Not Sampled as part of Quarterly Monitoring Event.																			



Appendices



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

Form C-141
Not Available for this Site