AP - 16

ANNUAL MONITORING REPORT

YEAR(S):

2008

2008
ANNUAL MONITORING REPORT

BOB DURHAM
LEA COUNTY, NEW MEXICO
NW ¼ NW ¼, SECTION 32, TOWNSHIP 19 SOUTH, RANGE 37 EAST
PLAINS EMS NUMBER: TNM LF2000-07
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ENCLOSED ON DATA DISK

INTRODUCTION

On behalf of Plains Marketing, L.P. (Plains), NOVA Safety and Environmental (NOVA) is pleased to submit this Annual Monitoring Report in compliance with the New Mexico Oil Conservation Division (NMOCD) letter of May 1998, requiring submittal of an Annual Monitoring Report by April 1 of each year. Beginning on May 29, 2004, project management responsibilities 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 2008. For reference, the Site Location Map is provided as Figure 1.

Groundwater monitoring was conducted during each quarter of 2008 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.

Currently, thirty-one (31) groundwater monitor wells remain on-site (MW-1 through 16, MW-20, MW-21, MW-23 through MW-33, MW-37, and MW-38). 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.

On July 14, 2008, NOVA advanced five soil borings to evaluate the degradation of hydrocarbon impacted soil within 4 separate areas of concern previously identified in the *Site Investigation Work Plan* dated February 2008. Analytical results of the soil samples collected during the advancement of the soil borings were documented in the *Soil Closure Proposal* and previously submitted to the NMOCD in October 2008.

FIELD ACTIVITIES

Product Recovery Efforts

A measurable thickness of PSH was observed in three monitor wells (MW-4, MW-5 and MW-12), during at least one quarterly monitoring event of the reporting period. The average thickness of PSH for 2008 is 0.16 feet in monitor wells exhibiting PSH. The maximum thickness of PSH in monitor wells during the reporting period was 0.29 feet, as measured in monitor well MW-4 on June 27, 2008. PSH data for the 2008 gauging events can be found in Table 1 and on Figures 3A through 3D.

Approximately 24 gallons (0.57 barrels) of PSH was recovered from the site during the 2008 reporting period. Recovery of PSH at the site is now performed manually and is conducted on a bi-monthly basis. Approximately 865 gallons (approximately 20.6 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	Semi-Annual	MW-24	Semi-Annual	MW-34	Plugged & Abnd
MW-5	Quarterly	MW-15	Quarterly	MW-25	Annual	MW-35	Plugged & Abnd
MW-6	Quarterly	MW-16	Quarterly	MW-26	Quarterly	MW-36	Plugged & Abnd
MW-7	Quarterly	MW-17	Plugged & Abnd	MW-27	Semi-Annual	MW-37	Quarterly
MW-8	Quarterly	MW-18	Plugged & Abnd	MW-28	Quarterly	MW-38	Quarterly
MW-9	Quarterly	MW-19	Plugged & Abnd	MW-29	Annual		
MW-10	Quarterly	MW-20	Annual	MW-30	Annual		

The site monitor wells were gauged and sampled on February 20, May 20, August 20, and November 18, 2008. 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 2008, are depicted on the Inferred Groundwater Gradient Maps, Figures 2A-2D. Groundwater elevation data for 2008 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 0.0098 feet/foot to the south as measured between monitor wells MW-24 and MW-32. This is consistent with data presented on Figures 2A through 2C from earlier in the year. The corrected groundwater elevations ranged between 3571.95 to 3581.94 feet above mean sea level, in monitor wells MW-37 on August 20, 2008 and MW-6 on May 20, 2008, respectively.

LABORATORY RESULTS

Monitor well MW-4 contained PSH during the 2nd and 3rd quarters and was not sampled during those sampling events. Monitor well MW-5 contained PSH during the 1st and 3rd quarters and was not sampled during those sampling events. Monitor well MW-12 contained PSH during all four sampling events and was not sampled during the 1st, 2nd and 3rd sampling events.

Groundwater samples obtained during the quarterly sampling events of 2008 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 2008 are summarized in Table 2 and the PAH constituent concentrations for 2008 are summarized in Table 3. Copies of the laboratory reports generated for 2008 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 0.0310 mg/L during the 1st quarter to 0.0809 mg/L during the 3rd quarter. Benzene concentrations were above the NMOCD regulatory standard during all four quarters of the reporting period. Toluene concentrations ranged from <0.001 mg/L during the 1st, 2nd and 4th quarters to 0.0025 mg/L during the 3rd quarter. Toluene concentrations were below the NMOCD regulatory standards during all four quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0145 mg/L during the 4th quarter to 0.1080 mg/L during the 1st quarter of 2008. Ethylbenzene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from 0.0208 mg/L during the 2nd quarter to 0.0763 mg/L during the 3rd quarter of 2008. 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

WQCC Drinking Water Standards for 1-methylnaphthalene (0.0912 mg/L) and 2-methylnaphthalene (0.0855 mg/L). Additional PAH constituents detected above MDLs include naphthalene (0.0382 mg/L), fluorene (0.0154 mg/L), phenanthrene (0.0145 mg/L) and dibenzofuran (0.00764 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 0.0119 mg/L during the 4th quarter to 0.0219 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 laboratory method detection limits (MDL) and NMOCD regulatory standards during all four quarters of the reporting period. Ethylbenzene concentrations ranged from <0.001 mg/L during the 2nd and 4th quarters to 0.002 mg/L during the 1st 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 2nd, 3rd and 4th quarters to 0.0012 mg/L during the 1st quarter. Xylene concentrations were below the 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 (0.00345 mg/L), 1-methylnaphthalene (0.00608 mg/L), 2-methylnaphthalene (0.00205 mg/L), dibenzofuran (0.00167 mg/L), fluorine (0.00314 mg/L), and phenanthrene (0.00148 mg/L), which are below WQCC standards.

Monitor well MW-3 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 2nd, 3rd and 4thquarters to 0.0016 mg/L during the 1st quarter. Benzene concentrations were below the NMOCD regulatory standard during all four quarters of the reporting period. Toluene, ethylbenxene and xylene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last seventeen consecutive quarters. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above MDLs for dibenzofuran (0.000242 mg/L) and fluorine (0.000342 mg/L), which are below WQCC standards.

Monitor well MW-4 is monitored / sampled on a quarterly schedule. Monitor well MW-4 was not sampled during the 2nd and 3rd quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 0.19 feet, and 0.10 feet were reported during the 2nd and 3rd quarters of 2008, respectively. Monitor well MW-4 was sampled during the 1st and 4th quarters of the reporting period and analytical results indicate benzene concentrations ranged from 0.0016 mg/L during the 4th quarter to 0.0036 mg/L during the 1st quarter. Benzene concentrations were below the NMOCD regulatory standard during the 1st and 4th quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory standards during the 1st and 4th quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0034 mg/L during the 4th quarter to 0.0203 mg/L during the 1st quarter. Ethylbenzene concentrations were below NMOCD regulatory standards during the 1st and 4th quarters of the reporting period. Xylene concentrations ranged from 0.0021 mg/L during the 4th quarter to 0.0344 mg/L during the 1st quarter of 2008. Xylene concentrations were below regulatory standards during the 1st and 4th quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water

Standards for chrysene (0.000466 mg/L). Additional PAH constituents detected above MDLs include naphthalene (0.00101 mg/L), 1-methylnaphthalene (0.00227 mg/L), 2-methylnaphthalene (0.000821 mg/L), dibenzofuran (0.0016 mg/L), fluorine (0.00258 mg/L), pyrene (0.000202 mg/L), and phenanthrene (0.000606 mg/L), which are below WQCC standards.

Monitor well MW-5 is sampled / monitored on a quarterly schedule. The monitor well was not sampled during the 1st and 3rd quarter sampling events, due to the presence of PSH in the monitor well. PSH thicknesses of 0.12 feet, and 0.06 feet were reported during the 1st and 3rd quarters of 2008, respectively. Analytical results from the 2nd and 4th quarters of the reporting period indicate benzene concentrations ranged from 0.0995 mg/L during the 2nd quarter to 0.1140 mg/L during the 4th quarter of 2008. Benzene concentrations were above the NMOCD regulatory standard during the 2nd and 4th quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory standards during the 2nd and 4th quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0170 mg/L during the 2nd quarter to 0.0536 mg/L during the 4th quarter of 2008. Ethylbenzene concentrations were below the NMOCD regulatory standards during the three sampled quarters of the reporting period. Xylene concentrations ranged from <0.005 mg/L during the 2nd quarter to 0.0304 mg/L during the 4th quarter. Xylene concentrations were below NMOCD regulatory standards during the 2nd and 4th quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for chrysene (0.00114 mg/L), 1-methylnaphthalene (0.056 mg/L) and 2-methylnaphthalene (0.0504 mg/L). Additional PAH constituents detected above MDLs include naphthalene (0.0295 mg/L), fluorene (0.0072 mg/L), phenanthrene (0.00558 mg/L), pyrene (0.000494 mg/L), and dibenzofuran (0.00288 mg/L), which are below WQCC standards.

Monitor well MW-6 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.005 mg/L during the 1st quarter to 0.0047 mg/L during the 4th 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 <0.005 mg/L during the 1st quarter to 0.0047 mg/L during the 4th quarter. Ethylbenzene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from <0.005 mg/L during the 1st quarter to 0.0085 mg/L during the 4th quarter of 2008. Xylene concentrations were below regulatory standards during all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last nine consecutive quarters. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above MDLs for 1-methylnaphthalene (0.00344 mg/L) and 2-methylnaphthalene (0.00103 mg/L), which are below WQCC standards.

Monitor well MW-7 is sampled on a quarterly schedule and analytical results indicate benzene, toluene and ethylbenzene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 3rd and 4th quarters to 0.0017 mg/L during the 1st quarter. 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 seventeen consecutive quarters. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above MDLs for fluoranthene (0.000278 mg/L), pyrene (0.000533 mg/L), dibenzofuran (0.00176 mg/L), fluorine (0.00372 mg/L), and phenanthrene (0.000522 mg/L), which are below WQCC standards.

Monitor well MW-8 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 fourteen consecutive quarters. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for chrysene (0.00116 mg/L). Additional PAH constituents detected above MDLs include naphthalene (0.0002 mg/L), pyrene (0.000341 mg/L), dibenzofuran (0.00123 mg/L), and phenanthrene (0.000341 mg/L), which are below WQCC standards.

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

Monitor well MW-10 is sampled on a quarterly schedule and analytical results indicate benzene, toluene and ethylbenzene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 2nd, 3rd and 4th quarters to 0.0110 mg/L during the 4th quarter. 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 nine consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-11 is sampled on 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 seventeen consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-12 is monitored on a quarterly schedule. Monitor well MW-12 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 0.27 feet, 0.22 feet and 0.20 feet were reported during the 1st, 2nd and 3rd quarters of 2008, respectively. Benzene concentrations were above the NMOCD regulatory standard during the 4th quarter of the reporting period with a concentration of 0.0281 mg/L. Toluene concentrations were below the MDL and NMOCD regulatory standards during the 4th quarter of the reporting period. Ethylbenzene concentrations were below NMOCD

regulatory standards during the 4th quarter of the reporting period with a concentration of 0.0672 mg/L. Xylene concentrations were below NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 0.1440 mg/L. Analytical results indicated a total TPH result of 267.60 mg/L. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for chrysene (0.000774 mg/L). Additional PAH constituents detected above MDLs include naphthalene (0.0196 mg/L), 1-methylnaphthalene (0.0414 mg/L), 2-methylnaphthalene (0.0305 mg/L), fluorine (0.00533 mg/L), phenanthrene (0.00545 mg/L) and dibenzofuran (0.00416 mg/L), which are below WQCC standards.

Monitor well MW-13 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.0024 mg/L during the 1st quarter to 0.0187 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 all four quarters of the reporting period. Ethylbenzene concentrations ranged from <0.001 mg/L during the 2nd quarter to 0.0018 mg/L during the 1st 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 2nd, 3rd and 4th quarters to 0.0013 mg/L during the 1st quarter. Xylene concentrations were below NMOCD regulatory standard during all four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above MDLs for naphthalene (0.00435 mg/L), 1-methylnaphthalene (0.0045 mg/L), 2-methylnaphthalene (0.00275 mg/L), fluorine (0.0013 mg/L), phenanthrene (0.000397 mg/L) and dibenzofuran (0.00133 mg/L), which are below WQCC standards.

Monitor well MW-14 is sampled on a semi-annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the 2nd and 4th quarter sampling events. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-one consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-15 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-one consecutive quarters. 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 a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.0013 mg/L during the 3rd quarter to 0.0029 mg/L during the 1st quarter of 2008. 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 0.0014 mg/L during the 3rd and 4th quarters to 0.0048 mg/L during the 1st quarter. Ethylbenzene concentrations were below NMOCD regulatory standards during

all four quarters of the reporting period. Xylene concentrations ranged from below the MDL during the 3rd quarter to 0.0033 mg/L during the 1st quarter of 2008. Xylene concentrations were below regulatory standards during all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last nine consecutive quarters. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for chrysene (0.000711 mg/L). Additional PAH constituents detected above MDLs include naphthalene (0.00172 mg/L), 1-methylnaphthalene (0.00735 mg/L), 2-methylnaphthalene (0.00112 mg/L), fluorine (0.0046 mg/L), pyrene (0.000463 mg/L), phenanthrene (0.00132 mg/L) and dibenzofuran (0.00295 mg/L), which are below WQCC standards.

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-one consecutive quarters. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above MDLs for dibenzofuran (0.000259 mg/L), which is below WQCC standards.

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-one consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-23 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 1st, 2nd and 4thquarters to 0.0016 mg/L during the 3rd quarter. Benzene concentrations were below the NMOCD regulatory standard during all four quarters of the reporting period. Toluene, ethylbenxene and xylene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last seventeen consecutive quarters. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above MDLs for dibenzofuran (0.00106 mg/L) and fluorine (0.000503 mg/L), which are below WQCC standards.

Monitor well MW-24 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. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-one consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

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-one consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

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 all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twelve consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-27 is sampled on a semi-annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the 2nd and 4th quarter sampling events. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twelve consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

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 eighteen consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-29 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 nineteen consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

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-one consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

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-one consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-32 is sampled on a quarterly schedule and analytical results indicate benzene, toluene and ethylbenzene concentrations were below the MDL and NMOCD regulatory standard during all four quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 2nd and 3rd quarters to 0.0025 mg/L during the 1st quarter of 2008. Xylene concentrations were below 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 thirteen consecutive quarters. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above MDLs for 1-methylnaphthalene (0.0103 mg/L), 2-methylnaphthalene (0.0014 mg/L), phenanthrene (0.0017 mg/L) and dibenzofuran (0.00266 mg/L), which are below WQCC standards.

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-one consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

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 fifteen consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-38 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.0121 mg/L during the 2nd quarter to 0.0265 mg/L during the 4th quarter. Benzene concentrations were above the NMOCD regulatory standard during all four quarters of the reporting period. Toluene concentrations were the MDL and NMOCD regulatory standards during all four quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0287 mg/L during the 2nd quarter to 0.1250 mg/L during the 1st 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 2nd quarter to 0.0074 mg/L during the 1st quarter of 2008. 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 WQCC Drinking Water Standards for chrysene (0.00247 mg/L). Additional PAH constituents detected above MDLs include naphthalene (0.00344 mg/L), 1-methylnaphthalene (0.0117 mg/L), 2-methylnaphthalene (0.00114 mg/L), fluorine (0.00551 mg/L), phenanthrene (0.00502 mg/L) and dibenzofuran (0.00472 mg/L), which are below WQCC standards.

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 2008 annual monitoring period. Currently, there are thirty-one groundwater monitor wells (MW-1 through MW-16, MW-20, MW-21, MW-23 through MW-33, MW-37, and MW-38) on-site. Seven monitor wells (MW-17 through MW-19, MW-22, and MW-34 through MW-36) were plugged and abandoned in September 2005. Recovery of PSH at the site is performed manually on a bi-monthly basis. Groundwater elevation contours generated from water level measurements acquired during the reporting period indicate a general groundwater gradient of approximately 0.0098 feet/foot to the south.

A measurable thickness of PSH was observed in three monitor wells (MW-4, MW-5, MW-12, during at least one quarterly monitoring event of the reporting period. The average thickness of PSH for 2008 is 0.16 feet in monitor wells exhibiting PSH.

Approximately 24 gallons (0.57 barrels) of PSH was recovered from the site during the 2008 reporting period. Approximately 865 gallons (approximately 20.6 barrels) of PSH has been recovered from the site by automated systems and by manual recovery methods since project inception.

Generally, PSH monitoring data from 2008 indicates a declining PSH thickness in the affected monitor wells.

Review of laboratory analytical results of the groundwater samples obtained during the 2008 monitoring period indicates the BTEX constituent concentrations are below applicable NMOCD standards in twenty-four of the thirty-one monitor wells currently on-site. Dissolved phase and phase separated hydrocarbon impact appears to be limited to monitor wells MW-1, MW-2, MW-4, MW-5, MW-12, MW-13 and MW-38. Groundwater samples from monitor well MW-12 exhibited elevated TPH concentrations for GRO and DRO. Analytical results on groundwater samples collected indicate PAH distributions mirrored those of BTEX distributions over the site.

ANTICIPATED ACTIONS

Plains requested NMOCD approval to plug and abandon monitor wells MW-9, MW-14, MW-26 and MW-29 in April 2008 following the annual monitoring activities for 2007. To date, Plains has not received a reply from the NMOCD on this request.

A Soil Closure Proposal intending to address the remaining soil issues at the site was submitted to the NMOCD in October 2008. To date, Plains has not received a reply from the NMOCD on this proposal.

Quarterly monitoring and groundwater sampling will continue in 2009. 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, 2010.

LIMITATIONS

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

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

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

DISTRIBUTION

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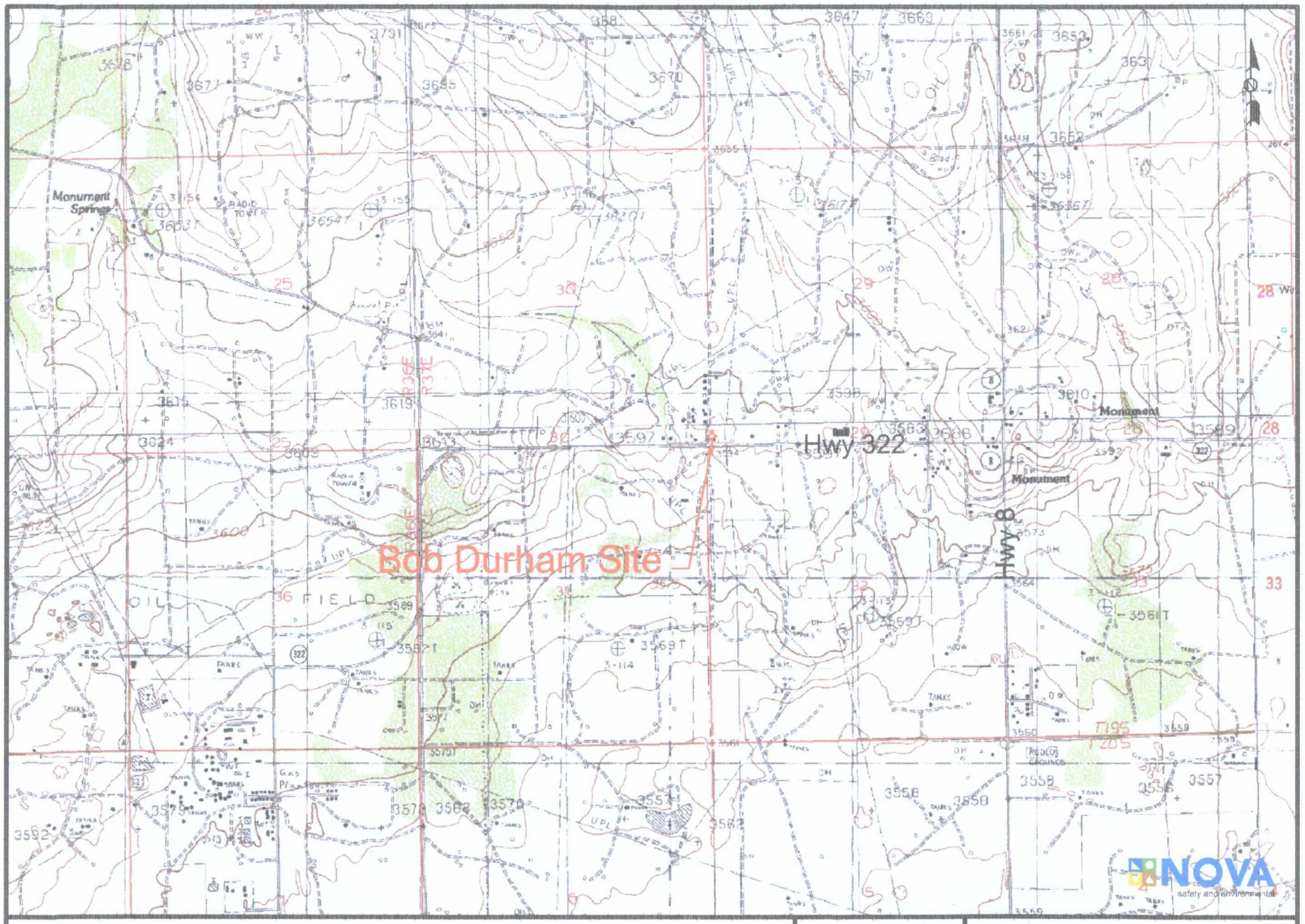
FIGURES



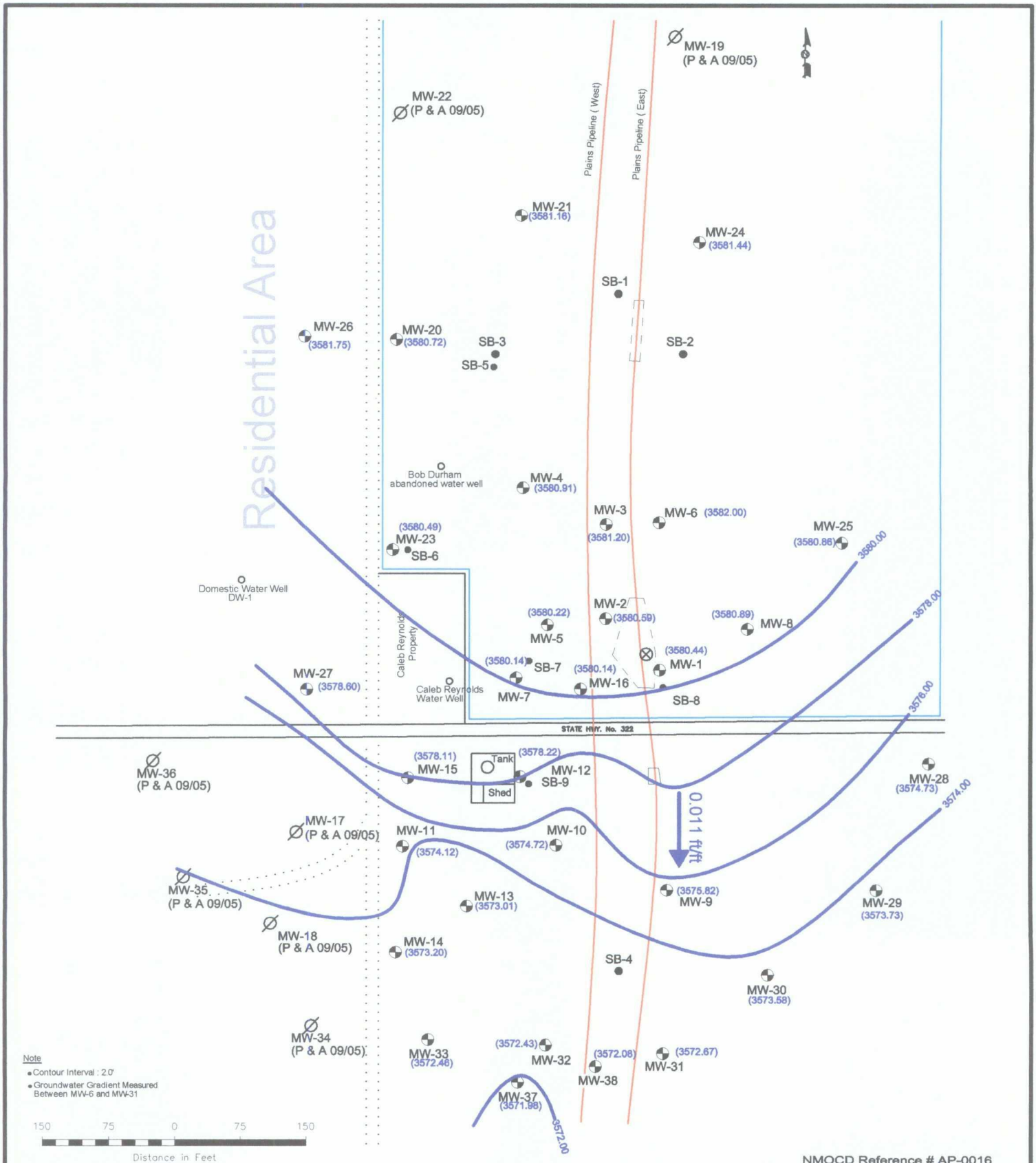
NMOCD Reference # AP-016

Figure 1
Site Location Map

Plains Marketing, L.P.
Bob Durham
Lea County, NM

NOVA Safety and Environmental

NW1/4 NW1/4 Sec 32 T19S R37E	Lat. 32° 37' 27" Long. 103° 16' 53"
Drawn By: CDS	Prep. By: CDS
February 20, 2005	



LEGEND:

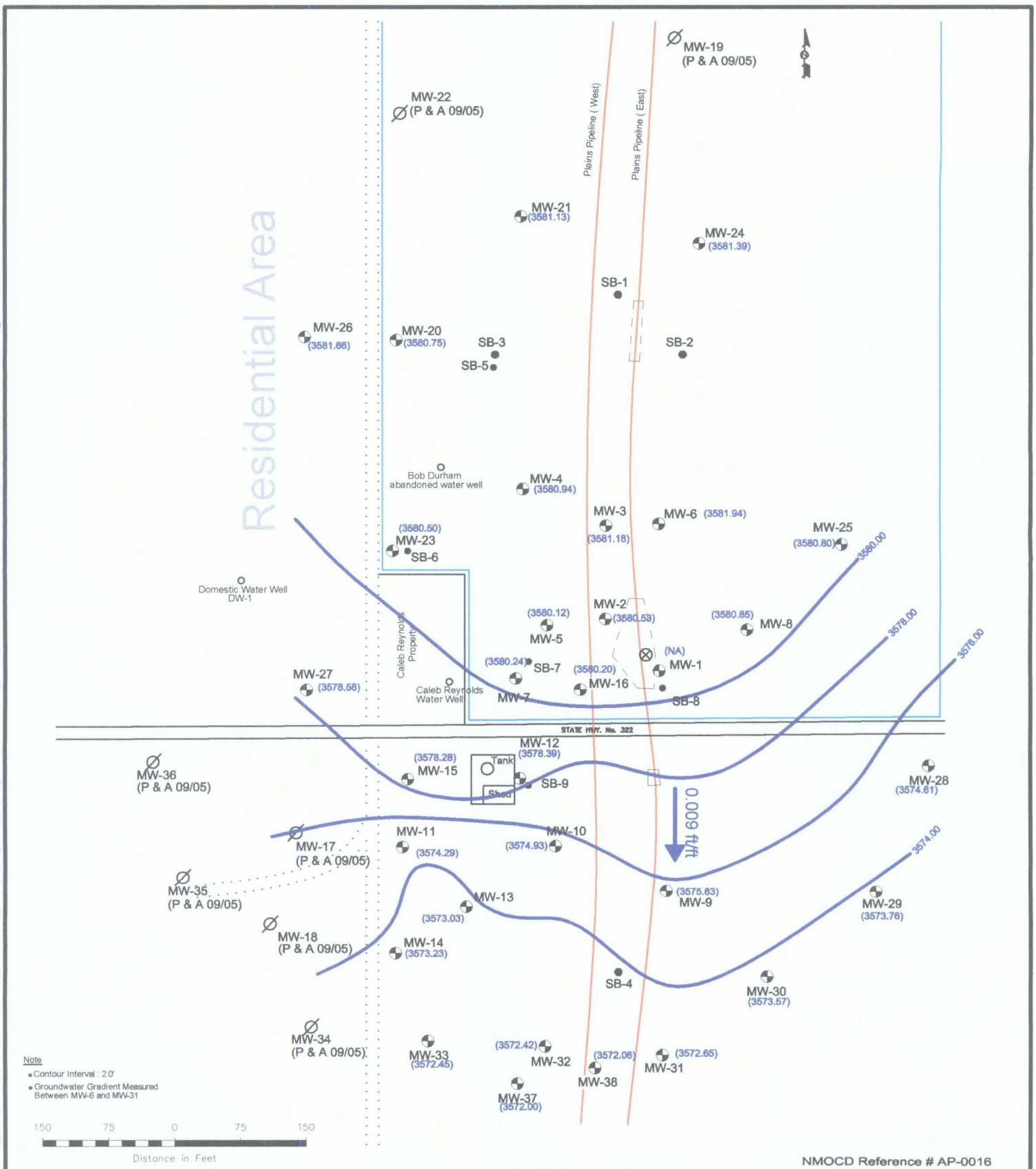
- Monitor Well Location
- Release Point
- *Plains Pipeline L.P.*
- Groundwater Elevation Contour Line
- 0.001 ft/ft Groundwater Gradient and Magnitude
- (3572.46) Groundwater Elevation (feet)
- Road
- Excavation Areas
- Soil Boring Locations
- Bob Durham Property Line

Figure 2A
Inferred Groundwater Gradient Map (02/20/08)
Plains Marketing, L.P.
Bob Durham
Lea County, NM

NOVA safety and environmental

NOVA Safety and Environmental

NW1/4 NW1/4 Sec 32 T19S R37E		32° 37' 27"N 103° 16' 53"W
Scale: 1" = 150'	CAD By: DGC	Checked By: RKR
October 07, 2008		



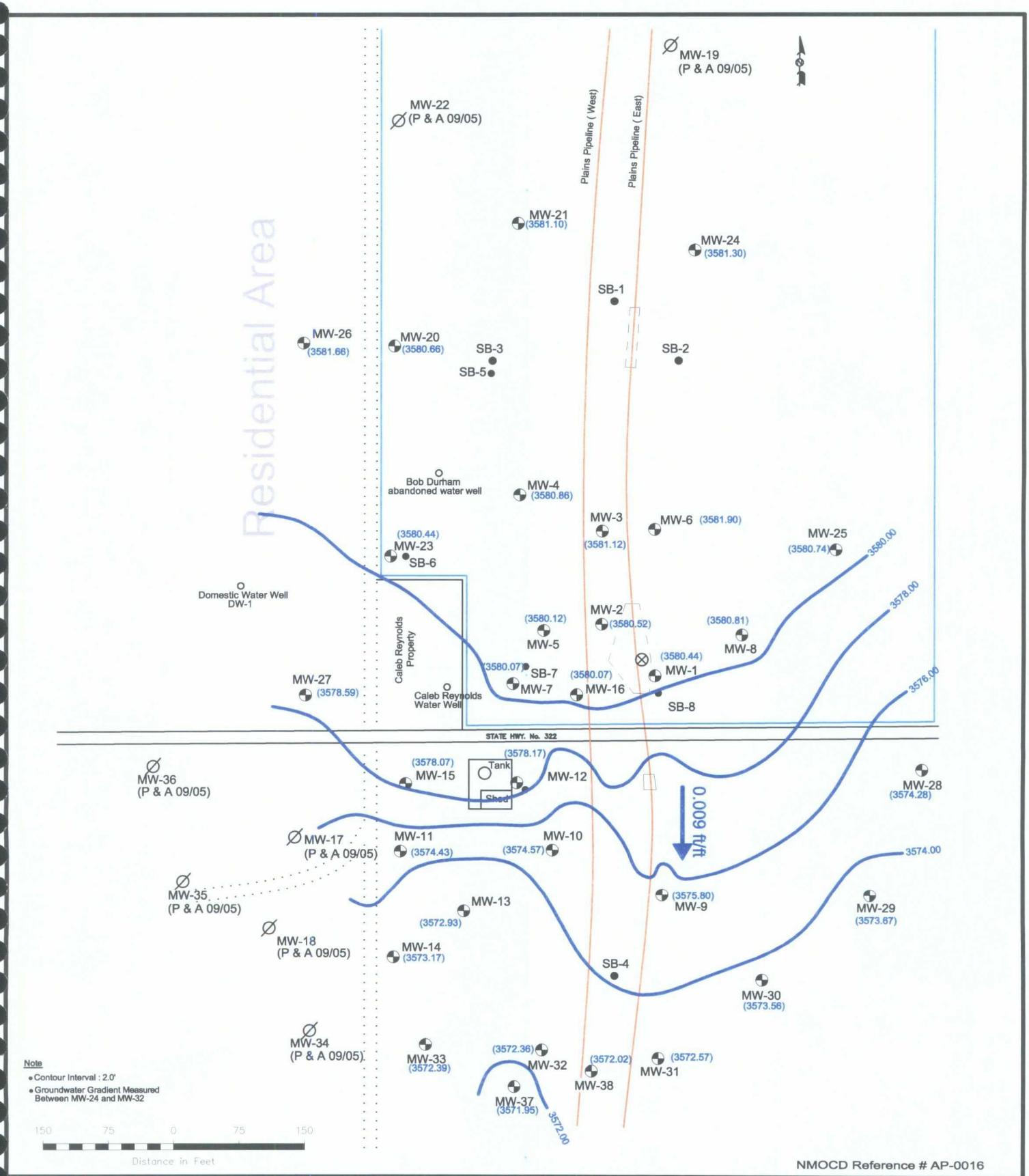
LEGEND:

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

Figure 2B
Inferred Groundwater Gradient Map (05/20/08)
Plains Marketing, L.P.
Bob Durham
Lea County, NM

NOVA Safety and Environmental

NW1/4 NW1/4 Sec 32 T19S R37E		32° 37' 27"N 103° 16' 53"W
Scale: 1" = 150'	CAD By: DGC	Checked By: RKR
October 07, 2008		



LEGEND:

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

Figure 2C

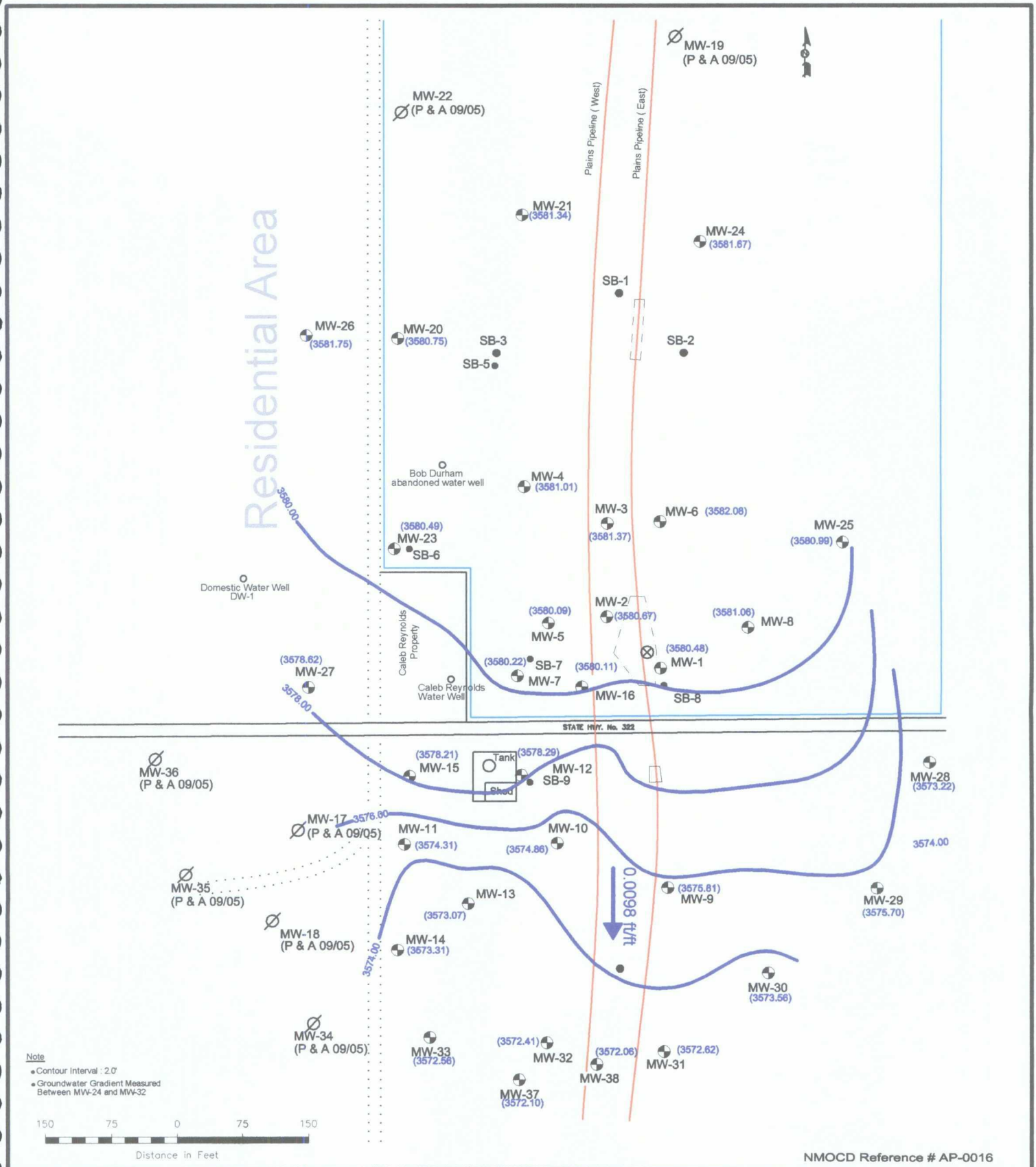
Inferred Groundwater Gradient Map (08/20/08)

Plains Marketing, L.P.

Bob Durham
Lea County, NM

NOVA Safety and Environmental

NW1/4 NW1/4 Sec 32 T19S R37E		32° 37' 27"N 103° 16' 53"W
Scale: 1" = 150'	CAD By: DGC	Checked By: RKR
October 07, 2008		



LEGEND:

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

Figure 2D
Inferred Groundwater Gradient Map (11/18/08)
Plains Marketing, L.P.
Bob Durham
Lea County, NM

NOVA Safety and Environmental

NW1/4 NW1/4 Sec 32 T19S R37E		32° 37' 27"N 103° 16' 53"W
Scale: 1" = 150'	CAD By: DGC	Checked By: RKR
December 5, 2008		

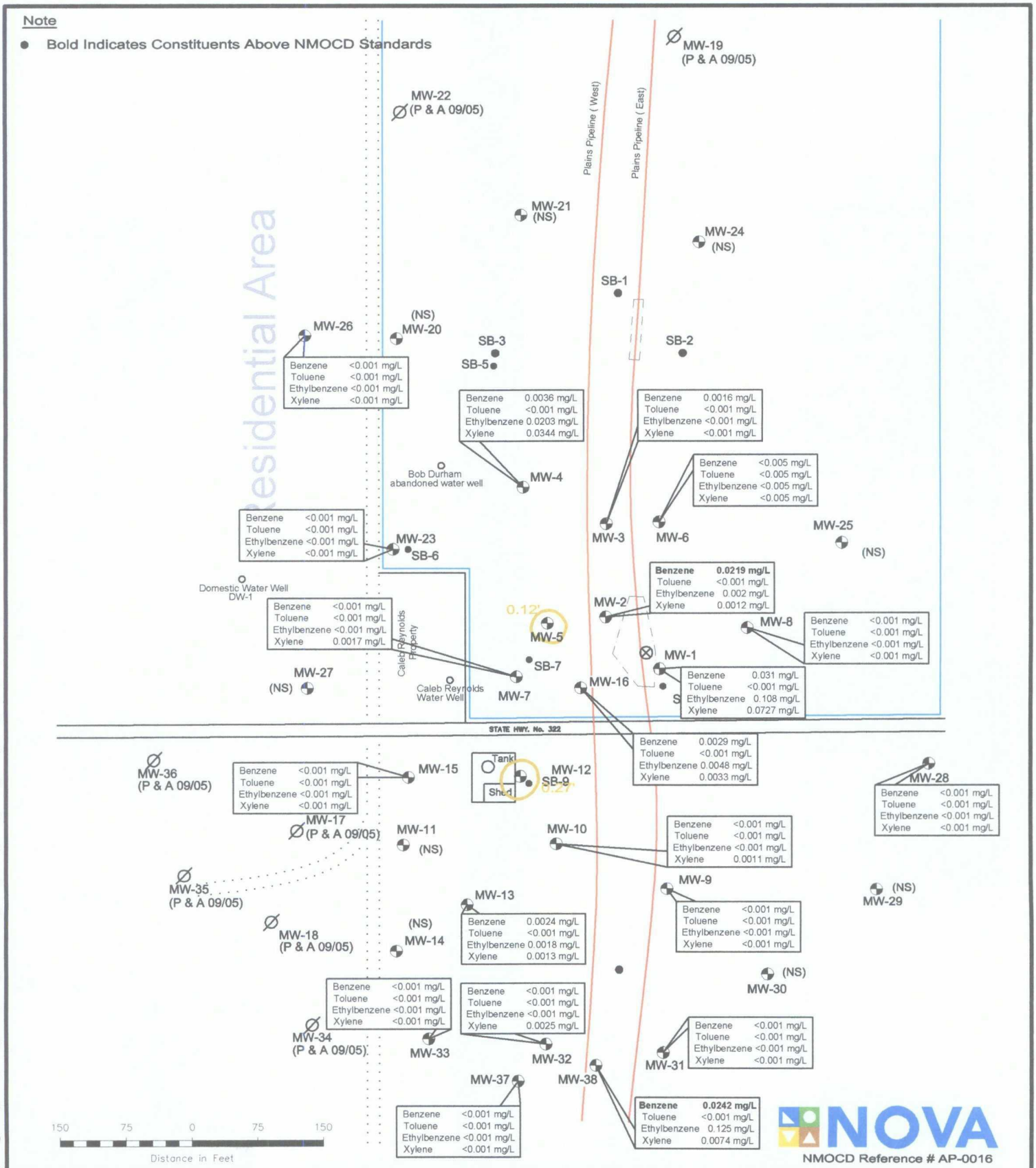
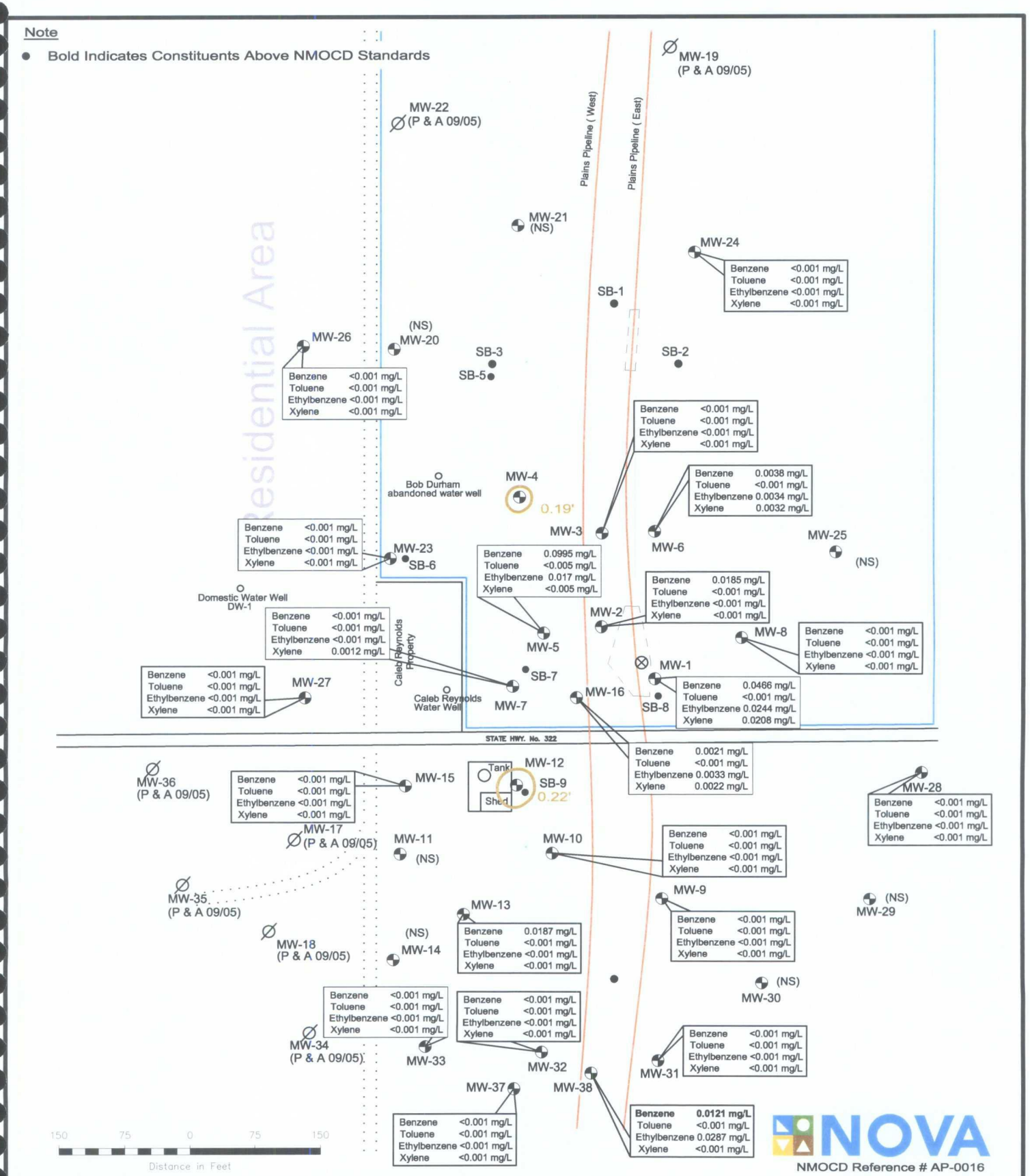


Figure 3A
Groundwater Concentration and Inferred PSH Extent Map (02/20/08)
Plains Marketing, L.P.
Bob Durham
Lea County, NM

NOVA Safety and Environmental

NW1/4 NW1/4 Sec 32 T19S R37E		Lat. 32° 37' 27" Long. 103° 16' 53"
Scale: 1" = 150'	CAD By: DGC	Checked By: CDS
October 7, 2008		



LEGEND:

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

Figure 3B
Groundwater Concentration and Inferred PSH Extent Map (05/20/08)
Plains Marketing, L.P.
Bob Durham
Lea County, NM

NOVA Safety and Environmental

NW1/4 NW1/4 Sec 32 T19S R37E		Lat. 32° 37' 27" Long. 103° 16' 53"
Scale: 1" = 150'	CAD By: DGC	Checked By: CDS
October 7, 2008		

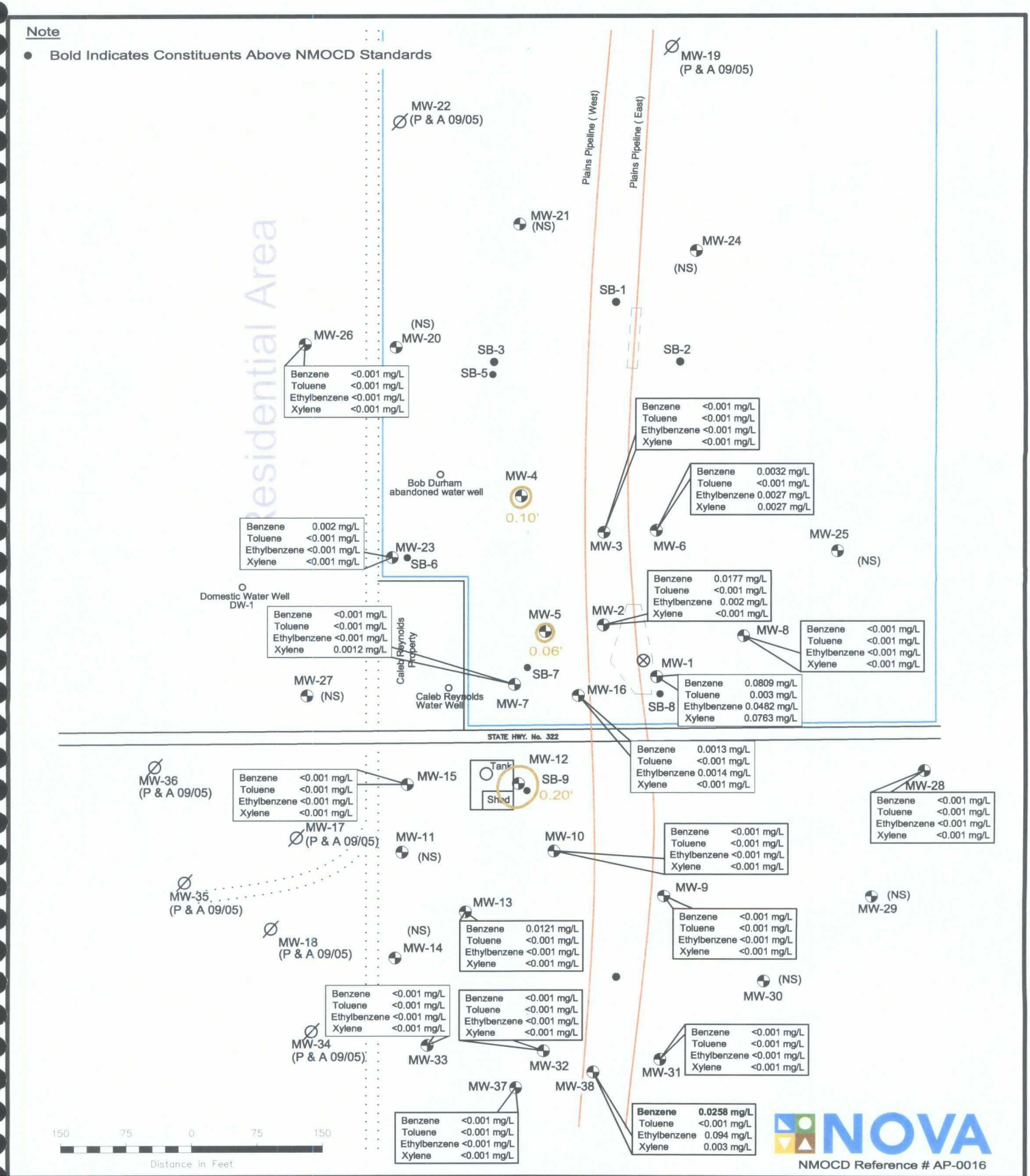
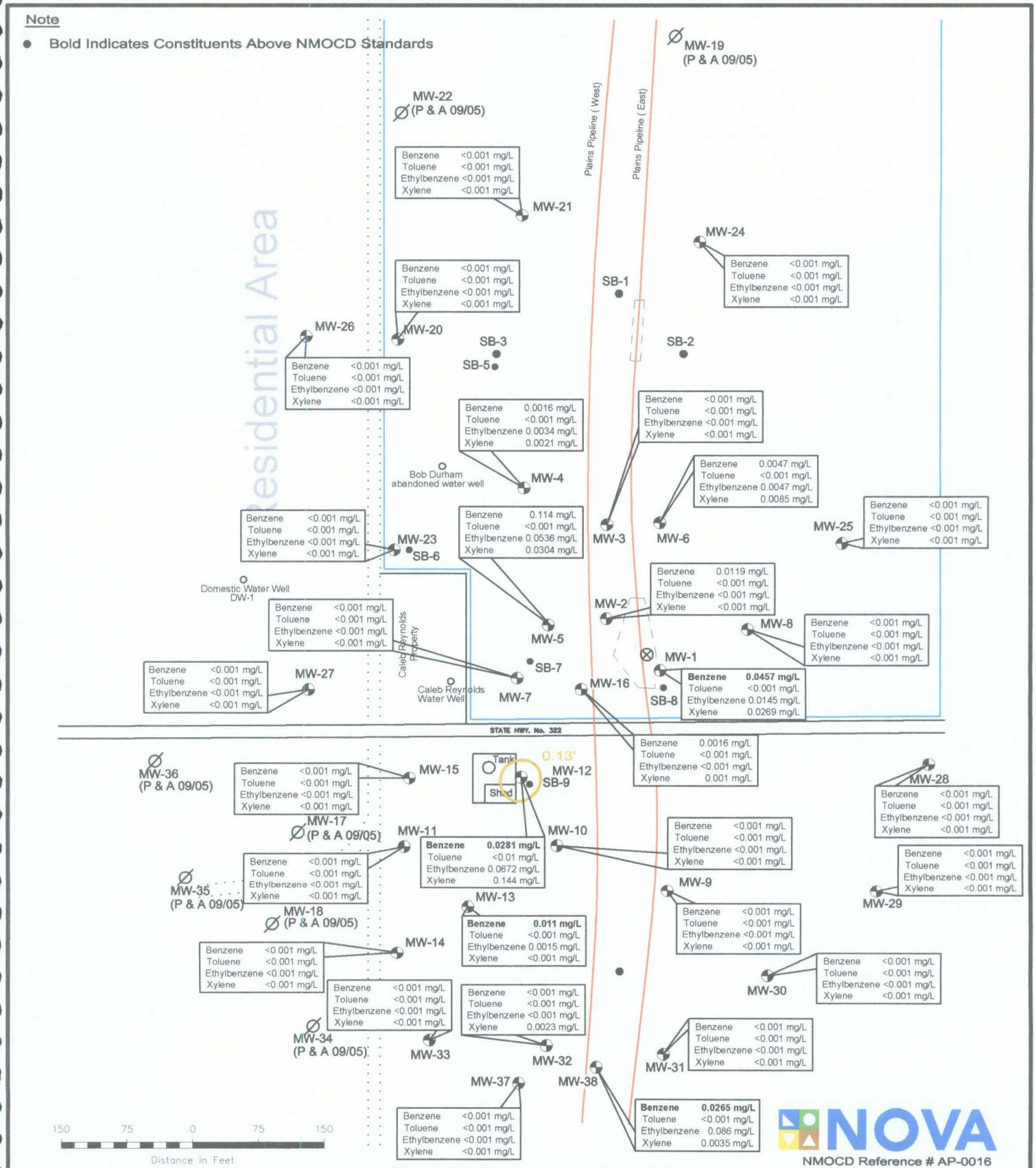


Figure 3C
Groundwater Concentration and Inferred PSH Extent Map (08/20/08)

Plains Marketing, L.P.
Bob Durham
Lea County, NM

NOVA Safety and Environmental

NW1/4 NW1/4 Sec 32 T19S R37E		Lat. 32° 37' 27" Long. 103° 16' 53"
Scale: 1" = 150'	CAD By: DGC	Checked By: CDS
October 7, 2008		


Note
Bold Indicates Constituents Above NMOCD Standards
Residential Area
Plains Pipeline (West)
Plains Pipeline (East)
MW-19 (P & A 09/05)
MW-22 (P & A 09/05)
MW-21
Benzene <0.001 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene <0.001 mg/L
MW-24
MW-20
MW-26
SB-1
SB-2
SB-3
SB-5
MW-4
Benzene 0.0016 mg/L
Toluene <0.001 mg/L
Ethylbenzene 0.0034 mg/L
Xylene 0.0021 mg/L
Bob Durham abandoned water well
MW-3
MW-6
Benzene 0.0047 mg/L
Toluene <0.001 mg/L
Ethylbenzene 0.0047 mg/L
Xylene 0.0085 mg/L
MW-25
MW-23
SB-6
Benzene 0.114 mg/L
Toluene <0.001 mg/L
Ethylbenzene 0.0536 mg/L
Xylene 0.0304 mg/L
Domestic Water Well DW-1
MW-5
MW-2
Benzene 0.0119 mg/L
MW-8
MW-1
MW-27
SB-7
MW-7
Caleb Reynolds Property
Caleb Reynolds Water Well
MW-16
SB-8
Benzene 0.0457 mg/L
Ethylbenzene 0.0145 mg/L
Xylene 0.0269 mg/L
STATE HWY. No. 322
MW-36 (P & A 09/05)
MW-15
Tank
Shed
0.13'
MW-12
SB-9
MW-28
MW-17 (P & A 09/05)
MW-11
Benzene 0.0281 mg/L
Toluene <0.01 mg/L
Ethylbenzene 0.0672 mg/L
Xylene 0.144 mg/L
MW-10
MW-9
MW-29
MW-35 (P & A 09/05)
MW-18 (P & A 09/05)
MW-13
Benzene 0.011 mg/L
Toluene <0.001 mg/L
Ethylbenzene 0.0015 mg/L
Xylene <0.001 mg/L
MW-14
MW-30
MW-34 (P & A 09/05)
MW-33
MW-32
MW-31
MW-37
MW-38
Benzene 0.0265 mg/L
Toluene <0.001 mg/L
Ethylbenzene 0.086 mg/L
Xylene 0.0035 mg/L
150 75 0 75 150
Distance in Feet
NOVA
NMOCD Reference # AP-0016
LEGEND:
Plains Monitoring Well Locations
Release Point
NG Not Gauged
Soil Boring Locations
Excavation Areas
Bob Durham Property Line
Dirt Road
PSH Extent
(NS) Not Sampled
Figure 3D
Groundwater Concentration and Inferred PSH Extent Map (11/18/08)
Plains Marketing, L.P.
Bob Durham
Lea County, NM
NOVA Safety and Environmental
NW1/4 NW1/4 Sec 32 T19S R37E
Lat. 32° 37' 27" Long. 103° 16' 53"
Scale: 1" = 150'
CAD By: DGC
Checked By: RKR
November 15, 2008

TABLES

TABLE 1

2008 - GROUNDWATER ELEVATION DATA

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 - 1	*02/20/08*	3,595.30	-	14.86	0.00	3,580.44
MW - 1	*05/21/08*	3,595.30	-		0.00	3,595.30
MW - 1	*06/05/08*	3,595.30	-	19.31	0.00	3,575.99
MW - 1	*08/20/08*	3,595.30	-	14.86	0.00	3,580.44
MW - 1	*11/18/08*	3,595.30	-	14.82	0.00	3,580.48
MW - 2	*02/20/08*	3,595.64	-	15.05	0.00	3,580.59
MW - 2	*05/20/08*	3,595.64	-	15.11	0.00	3,580.53
MW - 2	*08/20/08*	3,595.64	-	15.12	0.00	3,580.52
MW - 2	*11/18/08*	3,595.64	-	14.97	0.00	3,580.67
MW - 3	*02/20/08*	3,596.22	-	15.02	0.00	3,581.20
MW - 3	*05/20/08*	3,596.22	-	15.04	0.00	3,581.18
MW - 3	*08/20/08*	3,596.22	-	15.10	0.00	3,581.12
MW - 3	*11/18/08*	3,596.22	-	14.85	0.00	3,581.37
MW - 4	01/23/08	3,596.60	-	15.70	0.00	3,580.90
MW - 4	02/15/08	3,596.60	-	15.69	0.00	3,580.91
MW - 4	*02/20/08*	3,596.60	-	15.69	0.00	3,580.91
MW - 4	04/04/08	3,596.60	-	15.70	0.00	3,580.90
MW - 4	04/18/08	3,596.60	-	15.67	0.00	3,580.93
MW - 4	05/14/08	3,596.60	15.66	15.70	0.04	3,580.93
MW - 4	*05/21/08*	3,596.60	15.63	15.82	0.19	3,580.94
MW - 4	06/05/08	3,596.60	15.75	15.80	0.05	3,580.84
MW - 4	06/27/08	3,596.60	15.65	15.94	0.29	3,580.91
MW - 4	07/15/08	3,596.60	15.68	15.84	0.16	3,580.90
MW - 4	08/18/08	3,596.60	15.71	15.89	0.18	3,580.86
MW - 4	*08/20/08*	3,596.60	15.73	15.83	0.10	3,580.86
MW - 4	09/12/08	3,596.60	15.72	15.95	0.23	3,580.85
MW - 4	09/18/08	3,596.60	15.74	15.78	0.04	3,580.85
MW - 4	09/30/08	3,596.60	15.73	15.77	0.04	3,580.86
MW - 4	10/08/08	3,596.60	15.74	15.83	0.09	3,580.85
MW - 4	10/16/08	3,596.60	15.70	15.71	0.01	3,580.90
MW - 4	10/22/08	3,596.60	15.63	15.65	0.02	3,580.97
MW - 4	10/31/08	3,596.60	15.58	15.59	0.01	3,581.02
MW - 4	11/05/08	3,596.60	-	15.57	0.00	3,581.03
MW - 4	11/10/08	3,596.60	-	15.56	0.00	3,581.04
MW - 4	*11/18/08*	3,596.60	-	15.59	0.00	3,581.01
MW - 4	11/26/08	3,596.60	-	15.65	0.00	3,580.95
MW - 4	12/01/08	3,596.60	-	15.58	0.00	3,581.02

TABLE 1

2008 - GROUNDWATER ELEVATION DATA

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 - 5	*02/20/08*	3,596.56	16.32	16.44	0.12	3,580.22
MW - 5	*05/20/08*	3,596.56	-	16.44	0.00	3,580.12
MW - 5	*08/21/08*	3,596.56	16.44	16.50	0.06	3,580.11
MW - 5	09/18/08	3,596.56	16.40	16.41	0.01	3,580.16
MW - 5	09/30/08	3,596.56	-	16.38	0.00	3,580.18
MW - 5	10/08/08	3,596.56	16.46	16.47	0.01	3,580.10
MW - 5	10/16/08	3,596.56	16.37	16.38	0.01	3,580.19
MW - 5	10/22/08	3,596.56	-	16.53	0.00	3,580.03
MW - 5	10/31/08	3,596.56	-	16.54	0.00	3,580.02
MW - 5	11/05/08	3,596.56	-	16.57	0.00	3,579.99
MW - 5	11/10/08	3,596.56	-	17.66	0.00	3,578.90
MW - 5	*11/18/08*	3,596.56	-	16.47	0.00	3,580.09
MW - 5	11/26/08	3,596.56	-	17.59	0.00	3,578.97
MW - 5	12/01/08	3,596.56	-	16.42	0.00	3,580.14
MW - 6	*02/20/08*	3,596.66	-	14.66	0.00	3,582.00
MW - 6	*05/20/08*	3,596.66	-	14.72	0.00	3,581.94
MW - 6	*08/20/08*	3,596.66	-	14.76	0.00	3,581.90
MW - 6	*11/18/08*	3,596.66	-	14.58	0.00	3,582.08
MW - 7	*02/20/08*	3,596.96	-	16.82	0.00	3,580.14
MW - 7	*05/20/08*	3,596.96	-	16.72	0.00	3,580.24
MW - 7	*08/20/08*	3,596.96	-	16.89	0.00	3,580.07
MW - 7	*11/18/08*	3,596.96	-	16.74	0.00	3,580.22
MW - 8	*02/20/08*	3,597.35	-	16.46	0.00	3,580.89
MW - 8	*05/20/08*	3,597.35	-	16.50	0.00	3,580.85
MW - 8	*08/20/08*	3,597.35	-	16.54	0.00	3,580.81
MW - 8	*11/18/08*	3,597.35	-	16.29	0.00	3,581.06
MW - 9	*02/20/08*	3,593.95	-	18.13	0.00	3,575.82
MW - 9	*05/20/08*	3,593.95	-	18.12	0.00	3,575.83
MW - 9	*08/20/08*	3,593.95	-	18.15	0.00	3,575.80
MW - 9	*11/18/08*	3,593.95	-	18.14	0.00	3,575.81
MW - 10	*02/20/08*	3,594.57	-	19.85	0.00	3,574.72
MW - 10	*05/20/08*	3,594.57	-	19.64	0.00	3,574.93
MW - 10	*08/20/08*	3,594.57	-	20.00	0.00	3,574.57
MW - 10	*11/18/08*	3,594.57	-	19.71	0.00	3,574.86

TABLE 1

2008 - GROUNDWATER ELEVATION DATA

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 - 11	*02/20/08*	3,593.77	-	19.65	0.00	3,574.12
MW - 11	*05/20/08*	3,593.77	-	19.48	0.00	3,574.29
MW - 11	*08/20/08*	3,593.77	-	19.43	0.00	3,574.34
MW - 11	*11/18/08*	3,593.77	-	19.46	0.00	3,574.31
MW - 12	01/23/08	3,596.39	18.19	18.46	0.27	3,578.16
MW - 12	02/15/08	3,596.39	18.12	18.36	0.24	3,578.23
MW - 12	*02/20/08*	3,596.39	18.13	18.40	0.27	3,578.22
MW - 12	04/04/08	3,596.39	18.16	18.40	0.24	3,578.19
MW - 12	04/18/08	3,596.39	18.14	18.33	0.19	3,578.22
MW - 12	05/14/08	3,596.39	18.05	18.25	0.20	3,578.31
MW - 12	*05/20/08*	3,596.39	17.97	18.19	0.22	3,578.39
MW - 12	06/05/08	3,596.39	17.89	18.08	0.19	3,578.47
MW - 12	06/27/08	3,596.39	18.07	18.32	0.25	3,578.28
MW - 12	07/15/08	3,596.39	18.11	18.32	0.21	3,578.25
MW - 12	08/18/08	3,596.39	18.14	18.37	0.23	3,578.22
MW - 12	*08/20/08*	3,596.39	18.19	18.39	0.20	3,578.17
MW - 12	09/12/08	3,596.39	18.06	18.31	0.25	3,578.29
MW - 12	09/18/08	3,596.39	18.15	18.37	0.22	3,578.21
MW - 12	09/30/08	3,596.39	18.09	18.32	0.23	3,578.27
MW - 12	10/08/08	3,596.39	18.19	18.41	0.22	3,578.17
MW - 12	10/16/08	3,596.39	18.15	18.34	0.19	3,578.21
MW - 12	10/22/08	3,596.39	18.11	18.33	0.22	3,578.25
MW - 12	10/31/08	3,596.39	18.11	18.31	0.20	3,578.25
MW - 12	11/05/08	3,596.39	18.11	18.20	0.09	3,578.27
MW - 12	11/10/08	3,596.39	18.01	18.23	0.22	3,578.35
MW - 12	*11/18/08*	3,596.39	18.08	18.21	0.13	3,578.29
MW - 12	11/26/08	3,596.39	18.05	18.29	0.24	3,578.30
MW - 12	12/01/08	3,596.39	17.92	18.05	0.13	3,578.45
MW - 13	*02/20/08*	3,592.71	-	19.70	0.00	3,573.01
MW - 13	*05/20/08*	3,592.71	-	19.68	0.00	3,573.03
MW - 13	*08/20/08*	3,592.71	-	19.78	0.00	3,572.93
MW - 13	*11/18/08*	3,592.71	-	19.64	0.00	3,573.07
MW - 14	*02/20/08*	3,592.73	-	19.53	0.00	3,573.20
MW - 14	*05/20/08*	3,592.73	-	19.50	0.00	3,573.23
MW - 14	*08/20/08*	3,592.73	-	19.56	0.00	3,573.17
MW - 14	*11/18/08*	3,592.73	-	19.42	0.00	3,573.31

TABLE 1

2008 - GROUNDWATER ELEVATION DATA

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 - 15	*02/20/08*	3,595.93	-	17.82	0.00	3,578.11
MW - 15	*05/20/08*	3,595.93	-	17.65	0.00	3,578.28
MW - 15	*08/20/08*	3,595.93	-	17.86	0.00	3,578.07
MW - 15	*11/18/08*	3,595.93	-	17.72	0.00	3,578.21
MW - 16	*02/20/08*	3,595.75	-	15.61	0.00	3,580.14
MW - 16	*05/20/08*	3,595.75	-	15.55	0.00	3,580.20
MW - 16	*08/20/08*	3,595.75	-	15.68	0.00	3,580.07
MW - 16	*11/18/08*	3,595.75	-	15.64	0.00	3,580.11
MW - 20	*02/20/08*	3,597.64	-	16.92	0.00	3,580.72
MW - 20	*05/20/08*	3,597.64	-	16.89	0.00	3,580.75
MW - 20	*08/20/08*	3,597.64	-	16.98	0.00	3,580.66
MW - 20	*11/18/08*	3,597.64	-	16.89	0.00	3,580.75
MW - 21	*02/20/08*	3,596.88	-	15.72	0.00	3,581.16
MW - 21	*05/20/08*	3,596.88	-	15.75	0.00	3,581.13
MW - 21	*08/20/08*	3,596.88	-	15.78	0.00	3,581.10
MW - 21	*11/18/08*	3,596.88	-	15.54	0.00	3,581.34
MW - 23	*02/20/08*	3,598.07	-	17.58	0.00	3,580.49
MW - 23	*05/20/08*	3,598.07	-	17.57	0.00	3,580.50
MW - 23	*08/20/08*	3,598.07	-	17.63	0.00	3,580.44
MW - 23	*11/18/08*	3,598.07	-	17.58	0.00	3,580.49
MW - 24	*02/20/08*	3,598.01	-	16.57	0.00	3,581.44
MW - 24	*05/20/08*	3,598.01	-	16.62	0.00	3,581.39
MW - 24	*08/20/08*	3,598.01	-	16.71	0.00	3,581.30
MW - 24	*11/18/08*	3,598.01	-	16.34	0.00	3,581.67
MW - 25	*02/20/08*	3,599.25	-	18.39	0.00	3,580.86
MW - 25	*05/20/08*	3,599.25	-	18.45	0.00	3,580.80
MW - 25	*08/20/08*	3,599.25	-	18.51	0.00	3,580.74
MW - 25	*11/18/08*	3,599.25	-	18.26	0.00	3,580.99
MW - 26	*02/20/08*	3,596.26	-	14.51	0.00	3,581.75
MW - 26	*05/20/08*	3,596.26	-	14.60	0.00	3,581.66
MW - 26	*08/20/08*	3,596.26	-	14.60	0.00	3,581.66
MW - 26	*11/18/08*	3,596.26	-	14.51	0.00	3,581.75

TABLE 1

2008 - GROUNDWATER ELEVATION DATA

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 - 27	*02/20/08*	3,592.64	-	14.04	0.00	3,578.60
MW - 27	*05/20/08*	3,592.64	-	14.06	0.00	3,578.58
MW - 27	*08/20/08*	3,592.64	-	14.05	0.00	3,578.59
MW - 27	*11/18/08*	3,592.64	-	14.02	0.00	3,578.62
MW - 28	*02/20/08*	3,598.02	-	23.29	0.00	3,574.73
MW - 28	*05/20/08*	3,598.02	-	23.41	0.00	3,574.61
MW - 28	*08/20/08*	3,598.02	-	23.74	0.00	3,574.28
MW - 28	*11/18/08*	3,598.02	-	24.80	0.00	3,573.22
MW - 29	*02/20/08*	3,595.29	-	21.56	0.00	3,573.73
MW - 29	*05/20/08*	3,595.29	-	21.53	0.00	3,573.76
MW - 29	*08/20/08*	3,595.29	-	21.62	0.00	3,573.67
MW - 29	*11/18/08*	3,595.29	-	19.59	0.00	3,575.70
MW - 30	*02/20/08*	3,595.74	-	22.16	0.00	3,573.58
MW - 30	*05/20/08*	3,595.74	-	22.17	0.00	3,573.57
MW - 30	*08/20/08*	3,595.74	-	22.18	0.00	3,573.56
MW - 30	*11/18/08*	3,595.74	-	22.18	0.00	3,573.56
MW - 31	*02/20/08*	3,593.77	-	21.10	0.00	3,572.67
MW - 31	*05/20/08*	3,593.77	-	21.12	0.00	3,572.65
MW - 31	*08/20/08*	3,593.77	-	21.20	0.00	3,572.57
MW - 31	*11/18/08*	3,593.77	-	21.15	0.00	3,572.62
MW - 32	*02/20/08*	3,592.11	-	19.68	0.00	3,572.43
MW - 32	*05/20/08*	3,592.11	-	19.69	0.00	3,572.42
MW - 32	*08/20/08*	3,592.11	-	19.75	0.00	3,572.36
MW - 32	*11/18/08*	3,592.11	-	19.70	0.00	3,572.41
MW - 33	*02/20/08*	3,592.55	-	20.09	0.00	3,572.46
MW - 33	*05/20/08*	3,592.55	-	20.10	0.00	3,572.45
MW - 33	*08/20/08*	3,592.55	-	20.16	0.00	3,572.39
MW - 33	*11/18/08*	3,592.55	-	19.99	0.00	3,572.56
MW - 37	*02/20/08*	3,592.00	-	20.02	0.00	3,571.98
MW - 37	*05/20/08*	3,592.00	-	20.00	0.00	3,572.00
MW - 37	*08/20/08*	3,592.00	-	20.05	0.00	3,571.95
MW - 37	*11/18/08*	3,592.00	-	19.90	0.00	3,572.10
MW - 38	*02/20/08*	3,592.14	-	20.06	0.00	3572.08
MW - 38	*05/20/08*	3,592.14	-	20.08	0.00	3572.06
MW - 38	*08/20/08*	3,592.14	-	20.12	0.00	3572.02
MW - 38	*11/18/08*	3,592.14	-	20.08	0.00	3572.06

Elevations based on North American Verticam Datum of 1929.

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

TABLE 2

2008 - CONCENTRATIONS OF BTEX AND TPH 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	EPA SW 846-8015M		SW 846-8021B, 5030				
		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	02/20/08			**0.0310**	<0.001	0.1080	0.0727	
MW - 1	06/05/08			**0.0466**	<0.001	0.0244	0.0208	
MW - 1	08/20/08			**0.0809**	0.0025	0.0482	0.0763	
MW - 1	11/18/08			**0.0457**	<0.0010	0.0145	0.0269	
MW - 2	02/20/08			**0.0219**	<0.001	0.0020	0.0012	
MW - 2	05/20/08			**0.0185**	<0.001	<0.001	<0.001	
MW - 2	08/20/08			**0.0177**	<0.001	0.0019	<0.001	
MW - 2	11/18/08			**0.0119**	<0.001	<0.001	<0.001	
MW - 3	02/20/08			0.0016	<0.001	<0.001	<0.001	
MW - 3	05/20/08			<0.001	<0.001	<0.001	<0.001	
MW - 3	08/20/08			<0.001	<0.001	<0.001	<0.001	
MW - 3	11/18/08			<0.001	<0.001	<0.001	<0.001	
MW - 4	02/20/08			0.0036	<0.001	0.0203	0.0344	
MW - 4	05/20/08			Not Sampled Due to PSH in Well				
MW - 4	08/20/08			Not Sampled Due to PSH in Well				
MW - 4	11/18/08			0.0016	<0.001	0.0034	0.0021	
MW - 5	02/20/08			Not Sampled Due to PSH in Well				
MW - 5	05/20/08			**0.0995**	<0.0050	0.0170	<0.005	
MW - 5	08/20/08			Not Sampled Due to PSH in Well				
MW - 5	11/18/08			**0.1140**	<0.0010	0.0536	0.0304	
MW - 6	02/20/08			<0.005	<0.005	<0.005	<0.005	
MW - 6	05/20/08			0.0038	<0.001	0.0034	0.0032	
MW - 6	08/20/08			0.0032	<0.001	0.0027	0.0027	
MW - 6	11/18/08			0.0047	<0.001	0.0047	0.0085	
MW - 7	02/20/08			<0.001	<0.001	<0.001	0.0017	
MW - 7	05/20/08			<0.001	<0.001	<0.001	0.0012	
MW - 7	08/20/08			<0.001	<0.001	<0.001	<0.001	
MW - 7	11/18/08			<0.001	<0.001	<0.001	<0.001	
MW - 8	02/20/08			<0.001	<0.001	<0.001	<0.001	
MW - 8	05/20/08			<0.001	<0.001	<0.001	<0.001	
MW - 8	08/20/08			<0.001	<0.001	<0.001	<0.001	
MW - 8	11/18/08			<0.001	<0.001	<0.001	<0.001	
MW - 9	02/20/08			<0.001	<0.001	<0.001	<0.001	
MW - 9	05/21/08			<0.001	<0.001	<0.001	<0.001	
MW - 9	08/20/08			<0.001	<0.001	<0.001	<0.001	
MW - 9	11/18/08			<0.001	<0.001	<0.001	<0.001	

TABLE 2

2008 - CONCENTRATIONS OF BTEX AND TPH 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	EPA SW 846-8015M		SW 846-8021B, 5030				
		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	02/20/08			<0.001	<0.001	<0.001	0.0110	
MW - 10	05/21/08			<0.001	<0.001	<0.001	<0.001	
MW - 10	08/20/08			<0.001	<0.001	<0.001	<0.001	
MW - 10	11/18/08			<0.001	<0.001	<0.001	<0.001	
MW - 11	02/20/08			Not Sampled on Current Sample Schedule				
MW - 11	05/21/08			Not Sampled on Current Sample Schedule				
MW - 11	08/20/08			Not Sampled on Current Sample Schedule				
MW - 11	11/18/08			<0.001	<0.001	<0.001	<0.001	
MW - 12	02/20/08			Not Sampled Due to PSH in Well				
MW - 12	05/21/08			Not Sampled Due to PSH in Well				
MW - 12	08/20/08			Not Sampled Due to PSH in Well				
MW - 12	11/18/08	2.60	265	**0.0281**	<0.0100	0.0672	0.1440	
MW - 13	02/20/08			0.0024	<0.001	0.0018	0.0013	
MW - 13	05/21/08			**0.0187**	<0.001	<0.001	<0.001	
MW - 13	08/20/08			**0.0121**	<0.001	0.0013	<0.001	
MW - 13	11/18/08			**0.0110**	<0.001	0.0015	<0.001	
MW - 14	02/20/08			Not Sampled on Current Sample Schedule				
MW - 14	05/21/08			<0.001	<0.001	<0.001	<0.001	
MW - 14	08/20/08			Not Sampled on Current Sample Schedule				
MW - 14	11/18/08			<0.001	<0.001	<0.001	<0.001	
MW - 15	02/20/08			<0.001	<0.001	<0.001	<0.001	
MW - 15	05/21/08			<0.001	<0.001	<0.001	<0.001	
MW - 15	08/20/08			<0.001	<0.001	<0.001	<0.001	
MW - 15	11/18/08			<0.001	<0.001	<0.001	<0.001	
MW - 16	02/20/08			0.0029	<0.001	0.0048	0.0033	
MW - 16	05/20/08			0.0021	<0.001	0.0033	0.0022	
MW - 16	08/20/08			0.0013	<0.001	0.0014	<0.00100	
MW - 16	11/18/08			0.0016	<0.001	0.0014	0.0010	
MW - 20	02/20/08			Not Sampled on Current Sample Schedule				
MW - 20	05/20/08			Not Sampled on Current Sample Schedule				
MW - 20	08/20/08			Not Sampled on Current Sample Schedule				
MW - 20	11/18/08			<0.001	<0.001	<0.001	<0.001	
MW - 21	02/20/08			Not Sampled on Current Sample Schedule				
MW - 21	05/20/08			Not Sampled on Current Sample Schedule				
MW - 21	08/20/08			Not Sampled on Current Sample Schedule				
MW - 21	11/18/08			<0.001	<0.001	<0.001	<0.001	

TABLE 2

2008 - CONCENTRATIONS OF BTEX AND TPH 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	EPA SW 846-8015M		SW 846-8021B, 5030				
		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 - 23	02/20/08			<0.001	<0.001	<0.001	<0.001	
MW - 23	05/20/08			<0.001	<0.001	<0.001	<0.001	
MW - 23	08/20/08			0.0016	<0.001	<0.001	<0.001	
MW - 23	11/18/08			<0.001	<0.001	<0.001	<0.001	
MW - 24	02/20/08			Not Sampled on Current Sample Schedule				
MW - 24	05/20/08			<0.001	<0.001	<0.001	<0.001	
MW - 24	08/20/08			Not Sampled on Current Sample Schedule				
MW - 24	11/18/08			<0.001	<0.001	<0.001	<0.001	
MW - 25	02/20/08			Not Sampled on Current Sample Schedule				
MW - 25	05/20/08			Not Sampled on Current Sample Schedule				
MW - 25	08/20/08			Not Sampled on Current Sample Schedule				
MW - 25	11/18/08			<0.001	<0.001	<0.001	<0.001	
MW - 26	02/20/08			<0.001	<0.001	<0.001	<0.001	
MW - 26	05/21/08			<0.001	<0.001	<0.001	<0.001	
MW - 26	08/20/08			<0.001	<0.001	<0.001	<0.001	
MW - 26	11/18/08			<0.001	<0.001	<0.001	<0.001	
MW - 27	02/20/08			Not Sampled on Current Sample Schedule				
MW - 27	05/21/08			<0.001	<0.001	<0.001	<0.001	
MW - 27	08/20/08			Not Sampled on Current Sample Schedule				
MW - 27	11/18/08			<0.001	<0.001	<0.001	<0.001	
MW - 28	02/20/08			<0.001	<0.001	<0.001	<0.001	
MW - 28	05/21/08			<0.001	<0.001	<0.001	<0.001	
MW - 28	08/20/08			<0.001	<0.001	<0.001	<0.001	
MW - 28	11/18/08			<0.001	<0.001	<0.001	<0.001	
MW - 29	02/20/08			Not Sampled on Current Sample Schedule				
MW - 29	05/21/08			Not Sampled on Current Sample Schedule				
MW - 29	08/20/08			Not Sampled on Current Sample Schedule				
MW - 29	11/18/08			<0.001	<0.001	<0.001	<0.001	
MW - 30	02/20/08			Not Sampled on Current Sample Schedule				
MW - 30	05/21/08			Not Sampled on Current Sample Schedule				
MW - 30	08/20/08			Not Sampled on Current Sample Schedule				
MW - 30	11/18/08			<0.001	<0.001	<0.001	<0.001	
MW - 31	02/20/08			<0.001	<0.001	<0.001	<0.001	
MW - 31	05/21/08			<0.001	<0.001	<0.001	<0.001	
MW - 31	08/20/08			<0.001	<0.001	<0.001	<0.001	
MW - 31	11/18/08			<0.001	<0.001	<0.001	<0.001	

TABLE 2

2008 - CONCENTRATIONS OF BTEX AND TPH 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	EPA SW 846-8015M		SW 846-8021B, 5030				
		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 - 32	02/20/08			<0.001	<0.001	<0.001	0.0025	
MW - 32	05/21/08			<0.001	<0.001	<0.001	<0.001	
MW - 32	08/20/08			<0.001	<0.001	<0.001	<0.001	
MW - 32	11/18/08			<0.001	<0.001	<0.001	0.0023	
MW - 33	02/20/08			<0.001	<0.001	<0.001	<0.001	
MW - 33	05/21/08			<0.001	<0.001	<0.001	<0.001	
MW - 33	08/20/08			<0.001	<0.001	<0.001	<0.001	
MW - 33	11/18/08			<0.001	<0.001	<0.001	<0.001	
MW - 37	02/20/08			<0.001	<0.001	<0.001	<0.001	
MW - 37	05/21/08			<0.001	<0.001	<0.001	<0.001	
MW - 37	08/20/08			<0.001	<0.001	<0.001	<0.001	
MW - 37	11/18/08			<0.001	<0.001	<0.001	<0.001	
MW - 38	02/20/08			**0.0242**	<0.001	0.1250	0.0074	
MW - 38	05/21/08			**0.0121**	<0.001	0.0287	<0.001	
MW - 38	08/20/08			**0.0258**	<0.001	0.0940	0.0034	
MW - 38	11/18/08			**0.0265**	<0.001	0.0860	0.0035	

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

TABLE

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER - 2008

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

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	11/18/08	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.0154	<0.000922	0.0382	0.0145	<0.000922	**0.0912**	**0.0855**	0.00764
MW-2	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	0.00314	<0.000926	0.00345	0.00148	<0.000926	0.00608	0.00205	0.00167
MW-3	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	0.000242
MW-4	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	0.00101	0.000606	0.000202	0.00227	0.000821	0.0016
MW-5	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	0.0295	0.00558	0.000494	**0.056**	**0.0504**	0.00288
MW-6	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
MW-7	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	0.000278	0.00372	<0.000183	<0.000183	0.000522	0.000533	<0.000183	<0.000183	0.00176
MW-8	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	0.0002	0.000228	0.000341	<0.000184	<0.000184	0.00123
MW-9	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
MW-10	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

TABLE 2

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER - 2008

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

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	11/18/08	<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
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	<0.000184	0.00533	<0.000184	0.0196	0.00545	<0.000184	0.0414	0.0305	0.00416
MW-13	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	0.0013	<0.000185	0.00435	0.000397	<0.000185	0.0045	0.00275	0.00133
MW-14	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
MW-15	11/18/08	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186
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	<0.000183	0.0046	<0.000183	0.00172	0.00132	0.000463	0.00735	0.00112	0.00295
MW-20	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	0.000259
MW-21	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
MW-23	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	0.000503	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00106
MW-24	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

TABLE

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER - 2008

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

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-25	11/18/08	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189	<0.000189
MW-26	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
MW-27	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
MW-28	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
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	<0.000184
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
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
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	0.0017	<0.000185	0.0103	0.0014	0.00266
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
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
MW-38	11/18/08	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	**0.00247**	<0.000922	<0.000922	0.00551	<0.000922	0.00344	0.00502	<0.000922	0.0117	0.00114	0.00472