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TNM SPS-11

NW ¼ SE ¼ of SECTION 18, TOWNSHIP 18 SOUTH, RANGE 36 EAST
LEA COUNTY, NEW MEXICO
PLAINS SRS NUMBER: TNM-SPS-11
NMOCD Reference GW-0140

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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 TNM SPS-11 Release Site (the site), which was formerly the responsibility of Texas New Mexico Pipeline Company (TNM) and EOTT Energy Corporation (EOTT) which became Link Energy, is now the responsibility of Plains. This report is intended to be viewed as a complete document with text, figures, tables and appendices. The report presents the results of the quarterly groundwater monitoring events conducted in calendar year 2008 only. However, historical data tables as well as 2008 laboratory analytical reports are included on the enclosed data disk. Historic information prior to August 19, 1999 does not appear on the enclosed data disk because this data is unavailable. 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. Groundwater samples from monitor wells containing a thickness of PSH greater than 0.01 foot were sampled during the 4th quarter of 2008, as per a NMOCD directive.

SITE DESCRIPTION AND BACKGROUND INFORMATION

The site is located approximately 15 miles west of the town of Hobbs, New Mexico in the NW ¼ of the SE ¼ of Section 18, Township 18 South, Range 36 East. Observations in the field indicate the surface topography in the area of the site to be nearly flat. Ground cover consists of low grasses with few mesquite bushes. The predominant land usage is in the production of oil and gas and as livestock pasture.

According to the Site Investigation and Remedial Action Plan prepared by TNM and dated January 25, 1993, water from a utility well (SPS-11) belonging to Southwestern Public Service Company (SPS) was sampled on April 2, 1991. The analytical results indicated benzene concentrations were above the Environmental Protection Agency (EPA) drinking water standards. The water well was taken out of service in April 1991. A TNM pipeline adjacent to the water well was identified and a hydrocarbon surface stain was observed in the vicinity of utility well SPS-11. The staining was reportedly the result of a pipeline release prior to 1975. No detailed information from the previous pipeline owners or consultants with respect to the release date, volume of crude oil released, or pipeline repair is available, at this time. The Release Notification and Corrective Action (Form C-141) is provided as Appendix B.

Initial site investigation actions were performed for TNM and EOTT by previous consultants. A total of twenty-five soil borings/groundwater monitoring wells (MW-1 through MW-25) were

installed prior to October 1999, and six monitor wells were installed between May 2000 and December 2001. In 2004, two additional monitor wells (MW-32 and MW-33) were installed.

In March 2006, one soil boring (SB-106) was advanced and two monitor wells (MW-34 and MW-35) were installed. In September 2006, one soil boring (SB-206) was advanced and three monitor wells (MW-36, MW-37, and MW-38) were installed.

On November 27, 2007, two additional monitor wells (MW-39 and MW-40) were installed to further delineate the down gradient impact to groundwater.

Of the forty monitor wells installed at the site since project inception, data on two monitor wells (MW-5 and MW-8) could not be located in the available historic data. Monitor wells MW-20, MW-22, and MW-27 were plugged and abandoned September 14, 2005, after review of relevance and approval from the NMOCD.

There are currently thirty-five monitor wells on site.

FIELD ACTIVITIES

Product Recovery Efforts

Based on gauging data collected during the reporting period, a measurable thickness of PSH was detected in monitor wells MW-1, MW-4, MW-7 and former producing well PW-2. The maximum thickness of PSH in monitor or producing well was 1.82 feet as recorded in monitor well MW-4 on November 25, 2008. The average thickness of PSH in monitor wells exhibiting PSH and the out-of-service producing well is 0.58 feet. PSH data for the 2008 gauging events can be found in Table 1. PSH recovery is performed on a weekly schedule by manual recovery methods.

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

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 correspondences dated June 22, 2005 and May 2, 2006.

NMOCD Approved Sampling Schedule					
MW-1	Quarterly	MW-15	Quarterly	MW-29	Quarterly
MW-2	Annually	MW-16	Quarterly	MW-30	Annually
MW-3	Annually	MW-17	Quarterly	MW-31	Annually
MW-4	Quarterly	MW-18	Semi-Annually	MW-32	Quarterly
MW-5	-	MW-19	Annually	MW-33	Quarterly
MW-6	Quarterly	MW-20	Plugged and Abandoned	MW-34	Quarterly
MW-7	Quarterly	MW-21	Annually	MW-35	Quarterly
MW-8	-	MW-22	Plugged and Abandoned	MW-36	Quarterly
MW-9	Quarterly	MW-23	Quarterly	MW-37	Quarterly
MW-10	Quarterly	MW-24	Quarterly	MW-38	Quarterly
MW-11	Quarterly	MW-25	Annually	MW-39	Quarterly
MW-12	Quarterly	MW-26	Quarterly	MW-40	Quarterly
MW-13	Annually	MW-27	Plugged and Abandoned		
MW-14	Quarterly	MW-28	Quarterly		

The site monitor wells were gauged and sampled on March 4, June 11, September 10, and December 11, 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 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 placeed 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 Figures 2A through 2D, the Inferred Groundwater Gradient Maps. Groundwater elevation data for 2008 is provided as Table 1. Historic groundwater elevation data is provided on the enclosed data disk.

The most recent Inferred Groundwater Gradient Map, Figure 2D, indicates a general gradient of approximately 0.003 feet/foot to the southeast as measured between monitor wells MW-12 and MW-38. This is consistent with data presented on Figures 2A through 2C from earlier in the year. The corrected groundwater elevations ranged between 3,794.63 and 3,805.81 feet above mean sea level, in monitor well MW-35 on September 9, 2008 and in monitor well MW-25 on December 11, 2008, respectively. PSH data for the 2008 gauging events can be found in Table 1 and on Figures 3A through 3D.

LABORATORY RESULTS

Monitor wells MW-1, MW-4 and MW-7 contained measurable PSH throughout the reporting period and were not sampled during the first three quarters of 2008.

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 monitored on a quarterly schedule. Monitor well MW-1 was not sampled during the 1st, 2nd and 3rd quarters of the reporting period, due to the presence of PSH in the monitor well and was not sampled during the 4th quarter due to insufficient water volume in the well. PSH thicknesses of 0.45 feet, 0.55 feet and 1.28 feet were reported during the 1st, 2nd and 3rd quarters of 2008, respectively. PAH analysis was not conducted due to insufficient water volume in the well.

Monitor well MW-2 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below laboratory method detection limits (MDL) and NMOCD regulatory standards of 0.01 mg/L for benzene, 0.75 mg/L for toluene, 0.75 mg/L for ethylbenzene and 0.62 for xylene during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below regulatory standards for the last twenty-six consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-3 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory standard 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 thirty-two consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-4 is monitored on a quarterly schedule. Monitor well MW-4 was not sampled during the 1st, 2nd and 3rd quarters of the reporting period, due to the presence of PSH in the monitor well and was not sampled during the 4th quarter due to insufficient water volume in the well. PSH thicknesses of 1.52 feet, 0.62 feet and 1.56 feet were reported during the 1st, 2nd and 3rd quarters of 2008, respectively. PAH analysis was not conducted due to insufficient water volume in the well.

Monitor well MW-6 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during all four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above MDLs for naphthalene (0.000207 mg/L), which is below WQCC standards.

Monitor well MW-7 is monitored on a quarterly schedule. Monitor well MW-7 was not sampled during the 1st, 2nd and 3rd quarters of the reporting period, due to the presence of PSH. PSH

thicknesses of 0.20 feet, 0.37 feet and 0.47 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 1.98 mg/L. Toluene concentrations were below NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 0.133 mg/L. Ethylbenzene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 1.85 mg/L. Xylene concentrations were above NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 1.10 mg/L. Analytical results indicated a total TPH result of 136.9 mg/L. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for naphthalene (0.109 mg/L), 1-methylnaphthalene (0.232 mg/L) and 2-methylnaphthalene (0.197 mg/L). Additional PAH constituents detected above MDLs include anthracene (0.00181 mg/L), fluorene (0.0188 mg/L), phenanthrene (0.0287 mg/L) and dibenzofuran (0.0205 mg/L), which are below WQCC standards.

Monitor well MW-9 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.0722 mg/L during the 4th quarter to 0.862 mg/L during the 1st quarter of 2008. Benzene concentrations were above NMOCD regulatory standards during all four quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory standard during all four quarters of the reporting period. Ethylbenzene concentrations ranged from <0.010 mg/L during the 4th quarter to 0.0559 mg/L during the 2nd quarter of 2008. Ethylbenzene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above MDLs for naphthalene (0.000278 mg/L), 1-methylnaphthalene (0.000431 mg/L) and dibenzofuran (0.000624 mg/L), which are below WQCC standards.

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 and 4th quarters to 0.0031 mg/L during the 2nd quarter of 2008. Benzene concentrations were below the NMOCD regulatory standard during all four quarters of the reporting period. Toluene, ethylbenzene and xylene concentrations were below the MDL and the NMOCD regulatory standard during all four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-11 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 1.430 mg/L during the 2nd quarter to 2.110 mg/L during the 4th quarter of 2008. Benzene concentrations were above NMOCD regulatory standards during all four quarters of the reporting period. Toluene concentrations ranged from <0.010 mg/L during the 1st, 2nd and 4th quarters to 0.0425 mg/L during the 3rd quarter of 2008. Toluene concentrations were below the NMOCD regulatory standards during all four quarters of the reporting period. Ethylbenzene concentrations ranged from 0.307 mg/L during the 2nd quarter to 0.539 mg/L during the 3rd quarter of 2008. Ethylbenzene concentrations were below the NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from 0.0624 mg/L during the 2nd quarter to 0.260 mg/L during the 3rd

quarter of 2008. 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 (0.00228 mg/L), 1-methylnaphthalene (0.00306 mg/L), 2-methylnaphthalene (0.000266 mg/L), phenanthrene (0.000386 mg/L) and dibenzofuran (0.00105 mg/L), which are below WQCC standards.

Monitor well MW-12 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.0021 mg/L during the 1st quarter to 0.0148 mg/L during the 2nd quarter of 2008. Benzene concentrations were above NMOCD regulatory standards during the 2nd quarter of the reporting period. Toluene concentrations ranged from <0.001 mg/L during the 1st quarter to 0.0012 mg/L during the 2nd quarter of 2008. Toluene concentrations were below the NMOCD regulatory standards during all four quarters of the reporting period. 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 1st quarter to 0.0029 mg/L during the 4th quarter of 2008. Xylene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-13 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory standard 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 thirty-two consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-14 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 5.87 mg/L during the 2nd quarter to 7.35 mg/L during the 1st quarter of 2008. Benzene concentrations were above NMOCD regulatory standards 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 0.375 mg/L during the 3rd quarter to 0.712 mg/L during the 1st quarter of 2008. Ethylbenzene concentrations were above the NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above MDLs for naphthalene (0.0374 mg/L), 1-methylnaphthalene (0.0259 mg/L), 2-methylnaphthalene (0.0207 mg/L), fluorene (0.00138 mg/L), phenanthrene (0.00105 mg/L) and dibenzofuran (0.00177 mg/L), which are below WQCC standards.

Monitor well MW-15 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory standard for each BTEX constituent during the 1st, 2nd and 4th quarters of the reporting period. Monitor well MW-15 was inadvertently not sampled during the 3rd quarter of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards

for the last twenty-eight 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 0.0209 mg/L during the 1st quarter to 0.0605 mg/L during the 2nd quarter of 2008. Benzene concentrations were above NMOCD regulatory standards during all four quarters of the reporting period. Toluene concentrations ranged from 0.0193 mg/L during the 1st quarter to 0.0494 mg/L during the 4th quarter of 2008. Toluene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0051 mg/L during the 1st quarter to 0.0129 mg/L during the 2nd quarter of 2008. Ethylbenzene concentrations were below the NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from 0.008 mg/L during the 1st quarter to 0.0183 mg/L during the 2nd quarter of 2008. Xylene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-17 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.0041 mg/L during the 1st quarter to 0.0384 mg/L during the 2nd quarter of 2008. Benzene concentrations were above NMOCD regulatory standards during the 2nd and 3rd quarters of the reporting period. Toluene concentrations ranged from <0.001 mg/L during the 4th quarter to 0.0077 mg/L during the 2nd quarter of 2008. Toluene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Ethylbenzene concentrations ranged from <0.001 mg/L during the 4th quarter to 0.0065 mg/L during the 3rd quarter of 2008. Ethylbenzene 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 4th quarter to 0.0105 mg/L during the 2nd quarter of 2008. Xylene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-18 is sampled on a semi-annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory standard for each BTEX constituent during the 2nd and 4th quarter sampling events. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last thirty-six consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-19 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory standard for each BTEX constituent during the 4th quarter 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 during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-21 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory standard for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-six consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-23 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 0.0017 mg/L during the 3rd quarter of 2008. Benzene concentrations were below the NMOCD regulatory standard during all four quarters of the reporting period. Toluene, ethylbenzene and xylene concentrations were below the MDL and the 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 thirty-eight consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-24 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.0022 mg/L during the 1st quarter to 0.0139 mg/L during the 2nd quarter of 2008. Benzene concentrations were above NMOCD regulatory standards during the 2nd quarter of the reporting period. Toluene concentrations ranged from 0.0048 mg/L during the 3rd quarter to 0.0225 mg/L during the 2nd quarter of 2008. Toluene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Ethylbenzene concentrations ranged from 0.005 mg/L during the 1st quarter to 0.0176 mg/L during the 2nd quarter of 2008. Ethylbenzene concentrations were below the NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from 0.0067 mg/L during the 1st quarter to 0.0202 mg/L during the 2nd quarter of 2008. Ethylbenzene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-25 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory standard for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-six consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-26 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.0161 mg/L during the 2nd quarter to 0.805 mg/L during the 1st quarter of 2008. Benzene concentrations were above NMOCD regulatory standards all four quarters of the reporting period. Toluene concentrations ranged from 0.0753 mg/L during the 2nd quarter to 0.300 mg/L during the 3rd quarter of 2008. Toluene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0496 mg/L during the 2nd quarter to 0.225 mg/L during the 1st quarter of 2008. Ethylbenzene concentrations were below the NMOCD regulatory standards

during all four quarters of the reporting period. Xylene concentrations ranged from 0.0351 mg/L during the 2nd quarter to 0.183 mg/L during the 3rd quarter of 2008. 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 (0.00106 mg/L), 1-methylnaphthalene (0.000552 mg/L) and 2-methylnaphthalene (0.000224 mg/L), which are below WQCC standards.

Monitor well MW-28 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 1.240 mg/L during the 1st quarter to 1.320 mg/L during the 3rd quarter of 2008. Benzene concentrations were above NMOCD regulatory standards 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 0.183 mg/L during the 4th quarter to 0.206 mg/L during the 1st quarter of 2008. Ethylbenzene concentrations were below the NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from <0.010 mg/L during the 4th quarter to 0.0346 mg/L during the 3rd quarter of 2008. 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 (0.00247 mg/L), 1-methylnaphthalene (0.00148 mg/L), 2-methylnaphthalene (0.000516 mg/L), fluorene (0.000215 mg/L), and dibenzofuran (0.000618 mg/L),which are below WQCC standards.

Monitor well MW-29 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 1.170 mg/L during the 4th quarter to 1.320 mg/L during the 1st quarter of 2008. Benzene concentrations were above NMOCD regulatory standards during all four quarters of the reporting period. Toluene concentrations ranged from <0.010 mg/L during the 1st, 2nd and 3rd quarters to 0.0106 mg/L during the 4th quarter of 2008. Toluene concentrations were below the NMOCD regulatory standards during all four quarters of the reporting period. Ethylbenzene concentrations ranged from 0.434 mg/L during the 4th quarter to 0.464 mg/L during the 2nd quarter of 2008. Ethylbenzene concentrations were below the NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from 0.0575 mg/L during the 3rd quarter to 0.0785 mg/L during the 1st quarter of 2008. 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 (0.00944 mg/L), 1-methylnaphthalene (0.00384 mg/L), 2-methylnaphthalene (0.00161 mg/L), fluorene (0.000628 mg/L), phenanthrene (0.000394 mg/L) and dibenzofuran (0.000995 mg/L),which are below WQCC standards.

Monitor well MW-30 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory standard for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-six consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-31 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory standard for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-six consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-32 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 2.29 mg/L during the 4th quarter to 3.59 mg/L during the 1st quarter of 2008. Benzene concentrations were above NMOCD regulatory standards all four quarters of the reporting period. Toluene concentrations ranged from <0.020 mg/L during the 4th quarter to 0.204 mg/L during the 2nd quarter of 2008. Toluene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0907 mg/L during the 4th quarter to 0.21 mg/L during the 2nd quarter of 2008. Ethylbenzene concentrations were below the NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from 0.0534 mg/L during the 4th quarter to 0.167 mg/L during the 2nd quarter of 2008. 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 (0.000798 mg/L), 1-methylnaphthalene (0.000604 mg/L), fluorene (0.000357 mg/L) and dibenzofuran (0.000688 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 the NMOCD regulatory standard for each BTEX constituent during all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last sixteen consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-34 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.243 mg/L during the 4th quarter to 0.954 mg/L during the 1st quarter of 2008. Benzene concentrations were above NMOCD regulatory standards all four quarters of the reporting period. Toluene, ethylbenzene and xylene concentrations were below the MDL and the NMOCD regulatory standard for each BTEX constituent during all four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-35 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.0496 mg/L during the 3rd quarter to 0.285 mg/L during the 2nd quarter of 2008. Benzene concentrations were above NMOCD regulatory standards all four quarters of the reporting period. Toluene concentrations ranged from 0.0057 mg/L during the 3rd quarter to 0.0226 mg/L during the 2nd quarter of 2008. Toluene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0296 mg/L during the 3rd quarter to 0.130 mg/L during the 2nd quarter of 2008. Ethylbenzene concentrations were below the NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from 0.0418 mg/L

during the 3rd quarter to 0.129 mg/L during the 2nd quarter of 2008. Xylene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-36 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.228 mg/L during the 4th quarter to 1.30 mg/L during the 1st quarter of 2008. Benzene concentrations were above NMOCD regulatory standards during all four quarters of the reporting period. Toluene, ethylbenzene and xylene concentrations were below the MDL and the NMOCD regulatory standard for each BTEX constituent during all four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above MDLs for naphthalene (0.00744 mg/L), 1-methylnaphthalene (0.0012 mg/L), 2-methylnaphthalene (0.000186 mg/L), phenanthrene (0.000315 mg/L) and dibenzofuran (0.000517 mg/L),which are below WQCC standards.

Monitor well MW-37 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory standard for each BTEX constituent during all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last ten 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 BTEX constituent concentrations were below the MDL and the NMOCD regulatory standard for each BTEX constituent during all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last ten consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-39 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory standard for each BTEX constituent during all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last five consecutive quarters. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-40 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.243 mg/L during the 4th quarter to 0.709 mg/L during the 1st quarter of 2008. Benzene concentrations were above NMOCD regulatory standards during all four quarters of the reporting period. Toluene concentrations were below the MDL and the NMOCD regulatory standard during all four quarters of the reporting period. Ethylbenzene concentrations ranged from <0.005 mg/L during the 1st, 2nd and 4th quarters to 0.0109 mg/L during the 3rd quarter of 2008. Ethylbenzene concentrations were below the NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from <0.005 mg/L during the 1st, 2nd and 4th quarters to 0.017 mg/L during the 3rd quarter of 2008. Xylene concentrations were below NMOCD regulatory standards during all four quarters of the

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

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 and sampling activities during the annual reporting period of 2008. Currently, there are thirty-five groundwater monitor wells (MW-1 through MW-40, excluding MW-5, MW-8, MW-20, MW-22, and MW-27) on site. The most recent Groundwater Gradient Map indicates a general gradient of approximately 0.003 feet/foot to the southeast.

Based on gauging data collected during the reporting period, a measurable thickness of PSH was detected in monitor wells MW-1, MW-4, MW-7 and former producing well PW-2. The maximum thickness of PSH in monitor or producing well was 1.82 feet as recorded in monitor well MW-4 on November 25, 2008. The average thickness of PSH in monitor wells exhibiting PSH and the out-of-service producing well is 0.58 feet. PSH data for the 2008 gauging events can be found in Table 1. PSH recovery is performed on a weekly schedule by manual recovery methods.

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

Review of laboratory analytical results of groundwater samples collected during the 2008 reporting period indicates BTEX constituent concentrations are below NMOCD regulatory standards in sixteen of the thirty-five on site monitor wells. The remaining nineteen monitor wells contained measurable thicknesses of PSH and were not sampled during the 1st, 2nd and 3rd quarterly events and exhibited analytical results above the NMOCD regulatory standard during the 4th quarterly monitoring event of 2008. Groundwater samples from monitor well MW-7 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

Groundwater monitoring and weekly PSH recovery will continue in 2009. An Annual Monitoring Report will be submitted to the NMOCD before April 1, 2010.

Plains is currently requesting site access to install an additional delineation monitor well east of the monitor well MW-40.

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

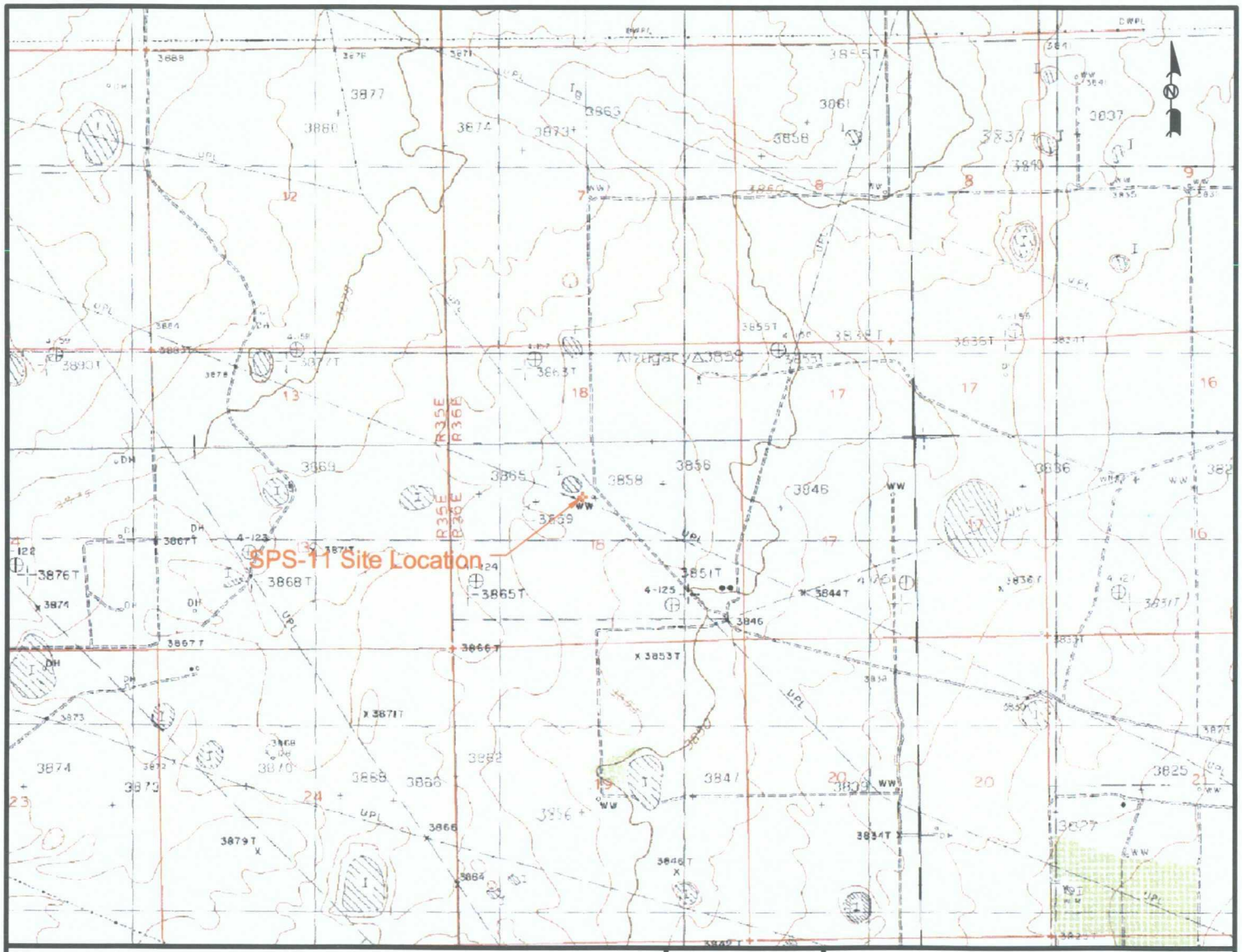


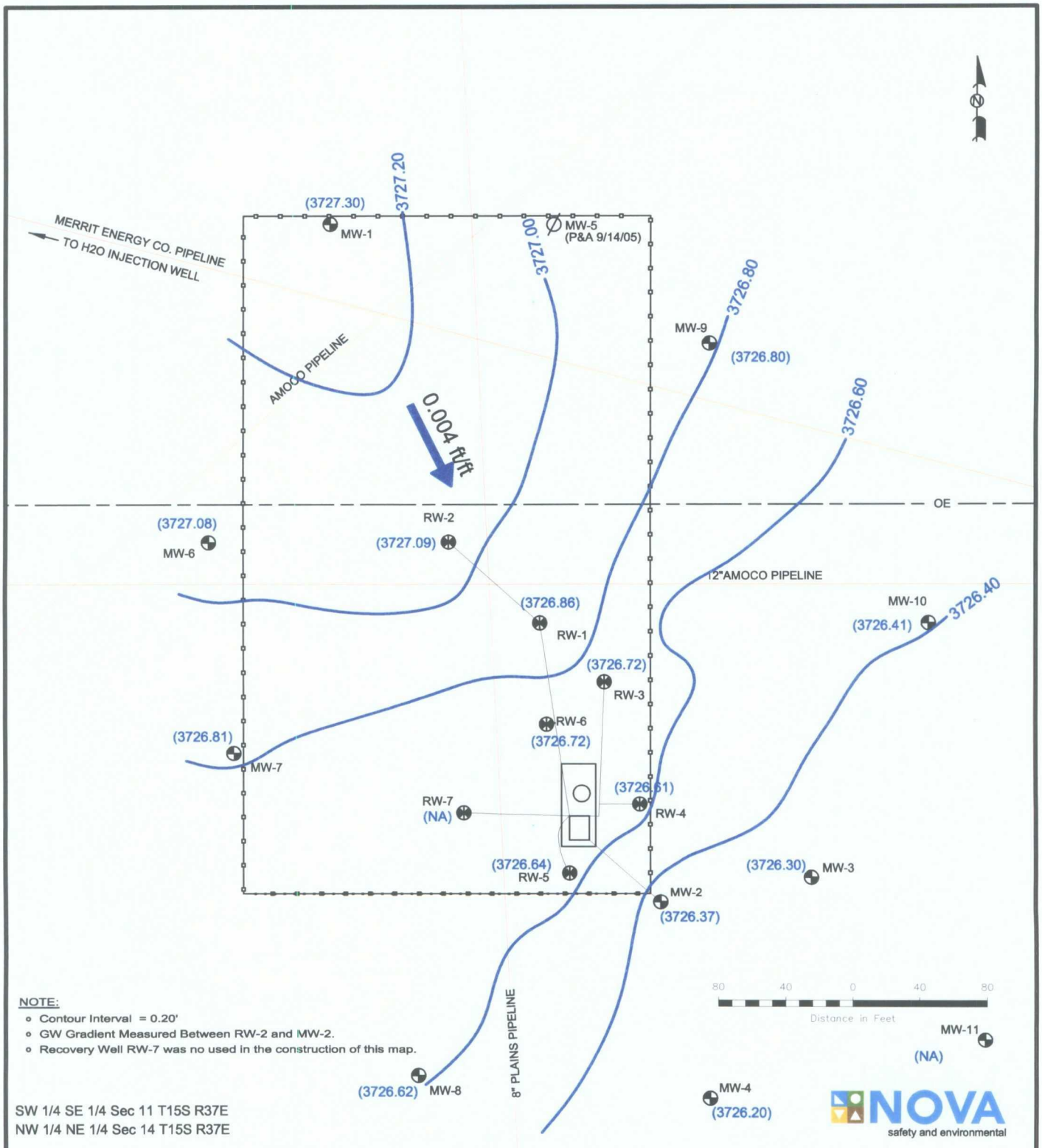
Figure 1
Site Location Map

Plains Marketing, L.P.
SPS-11
Lea County, NM

NMOCD Reference # GW-0140

NOVA Safety and Environmental

Scale: NTS	Prep By: CDS	Checked By: RKR
February 20, 2005	NW1/4 SE1/4 Sec 18 T18S R36E	
	Lat. N32° 44' 50.3" Long. W103° 23' 36.5"	



NOTE:

- Contour Interval = 0.20'
- GW Gradient Measured Between RW-2 and MW-2.
- Recovery Well RW-7 was no used in the construction of this map.

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

LEGEND:

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

NMOCD Ref# AP-007

Figure 2A
Inferred Groundwater Gradient Map
(02/27/08)

Plains Marketing, L.P.
Darr Angell # 2
Lea County, NM

NOVA Safety and Environmental

Scale: 1"=80'	CAD By: DGC	Checked By: RKR
October 21 2008	Lat33° 01' 47.0"N Lon. 103° 10' 10.5"W	

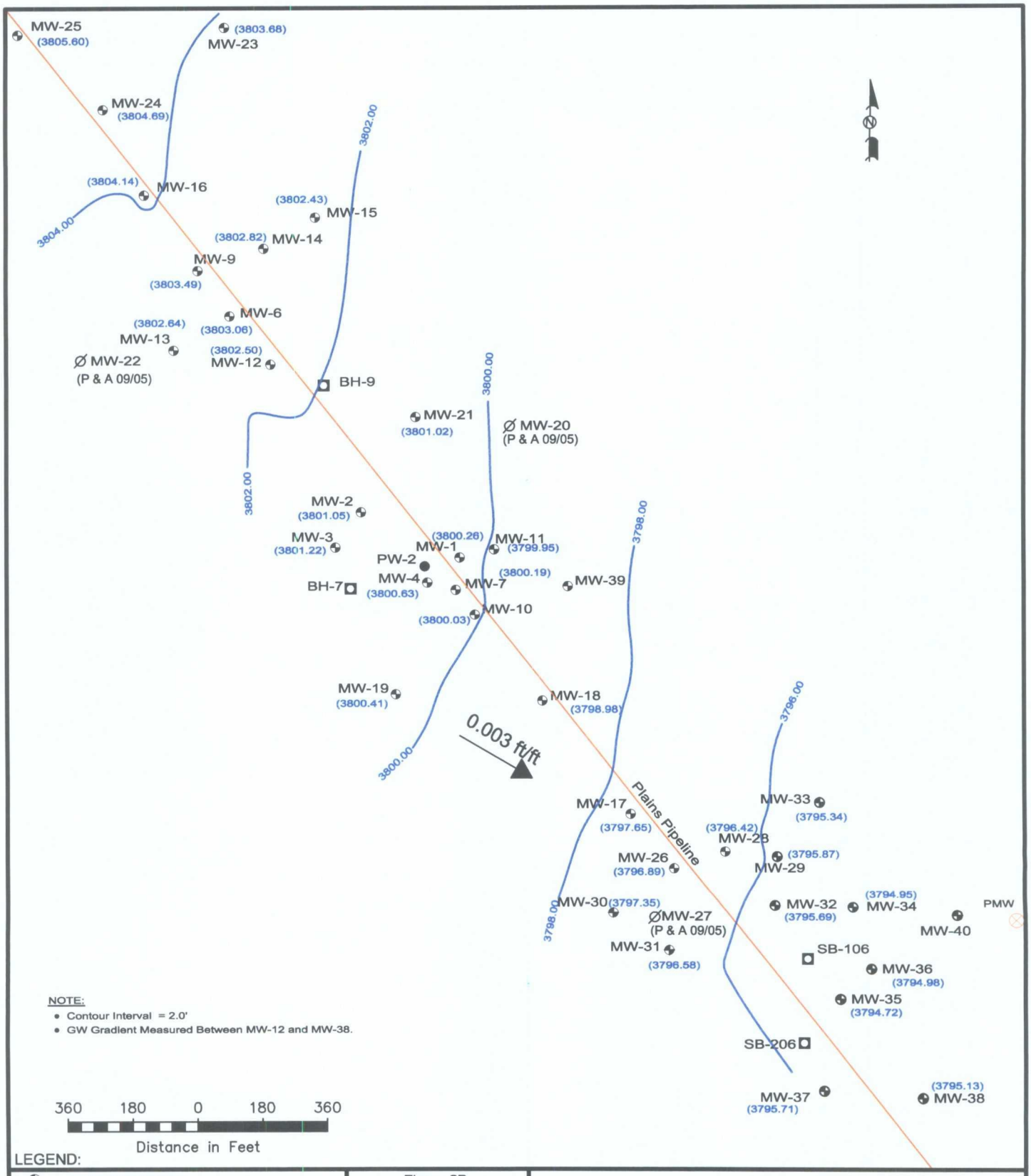


Figure 2B
Inferred Groundwater Gradient Map
(06/11/08)
Plains Marketing, L.P.
TNM SPS-11
Lea County, NM

NOVA Safety and Environmental

NOVA safety and environmental

Scale: 1" = 360'	Drawn By: DGC	Checked By: RKR
Ocotber 1, 2008	NW1/4 SE1/4 Sec 18 T18S R36E	
	Lat. N32° 44' 50.3" Long. W103° 23' 38.5"	

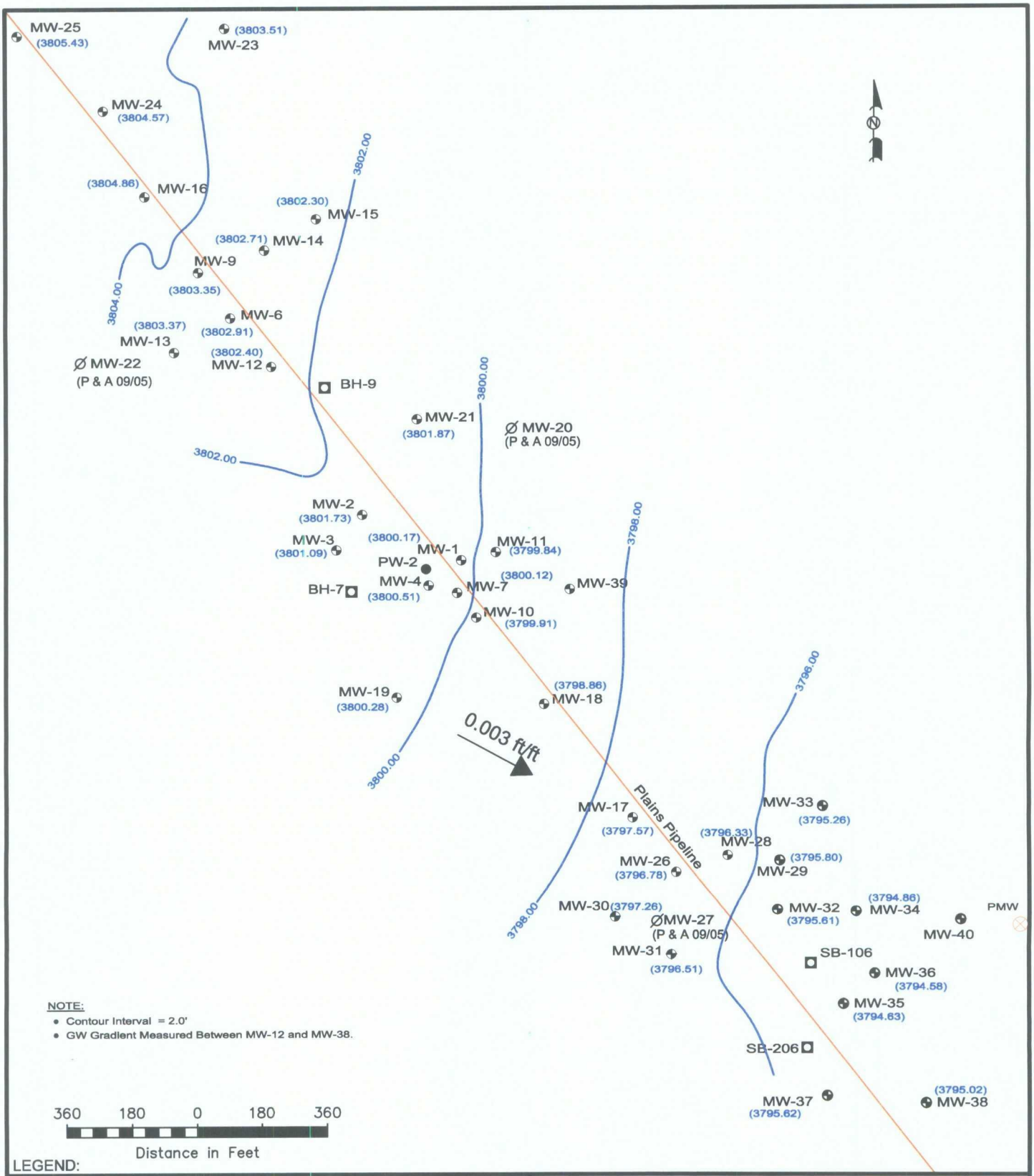


Figure 2C
Inferred Groundwater Gradient Map
(09/09-10/08)
Plains Marketing, L.P.
TNM SPS-11
Lea County, NM

NOVA Safety and Environmental

NOVA safety and environmental

Scale: 1" = 360'	Drawn By: DGC	Checked By: RKR
Ocotber 1, 2008	NW1/4 SE1/4 Sec 18 T18S R36E	
	Lat. N32° 44' 50.3" Long. W103° 23' 38.5"	

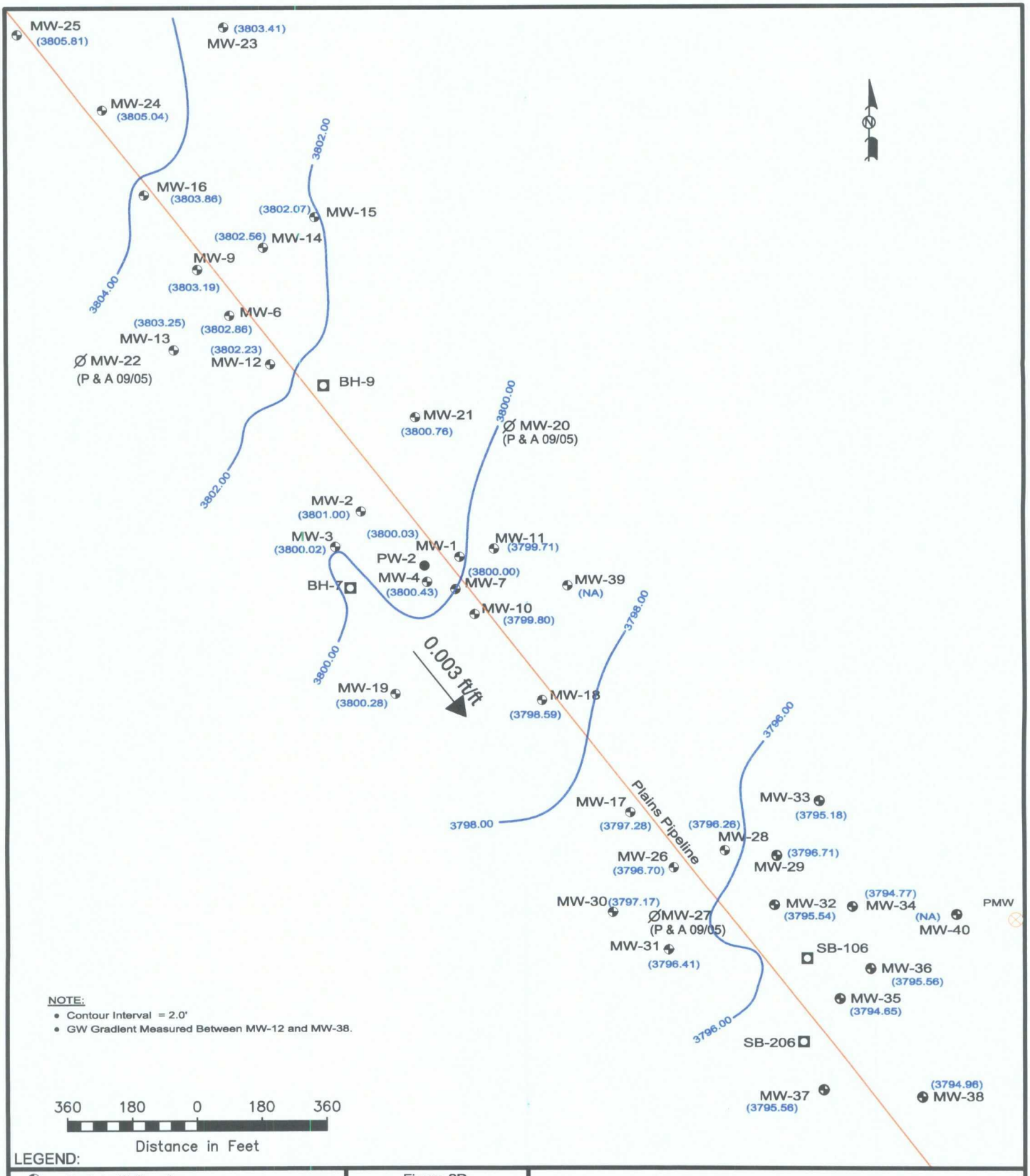


Figure 2D
Inferred Groundwater Gradient Map
(12/11/08)
Plains Marketing, L.P.
TNM SPS-11
Lea County, NM

NOVA Safety and Environmental

NOVA safety and environmental

Scale: 1" = 360'	Drawn By: DGC	Checked By: RKR
December 18, 2008	NW1/4 SE1/4 Sec 18 T18S R36E	
	Lat. N32° 44' 50.3" Long. W103° 23' 38.5"	

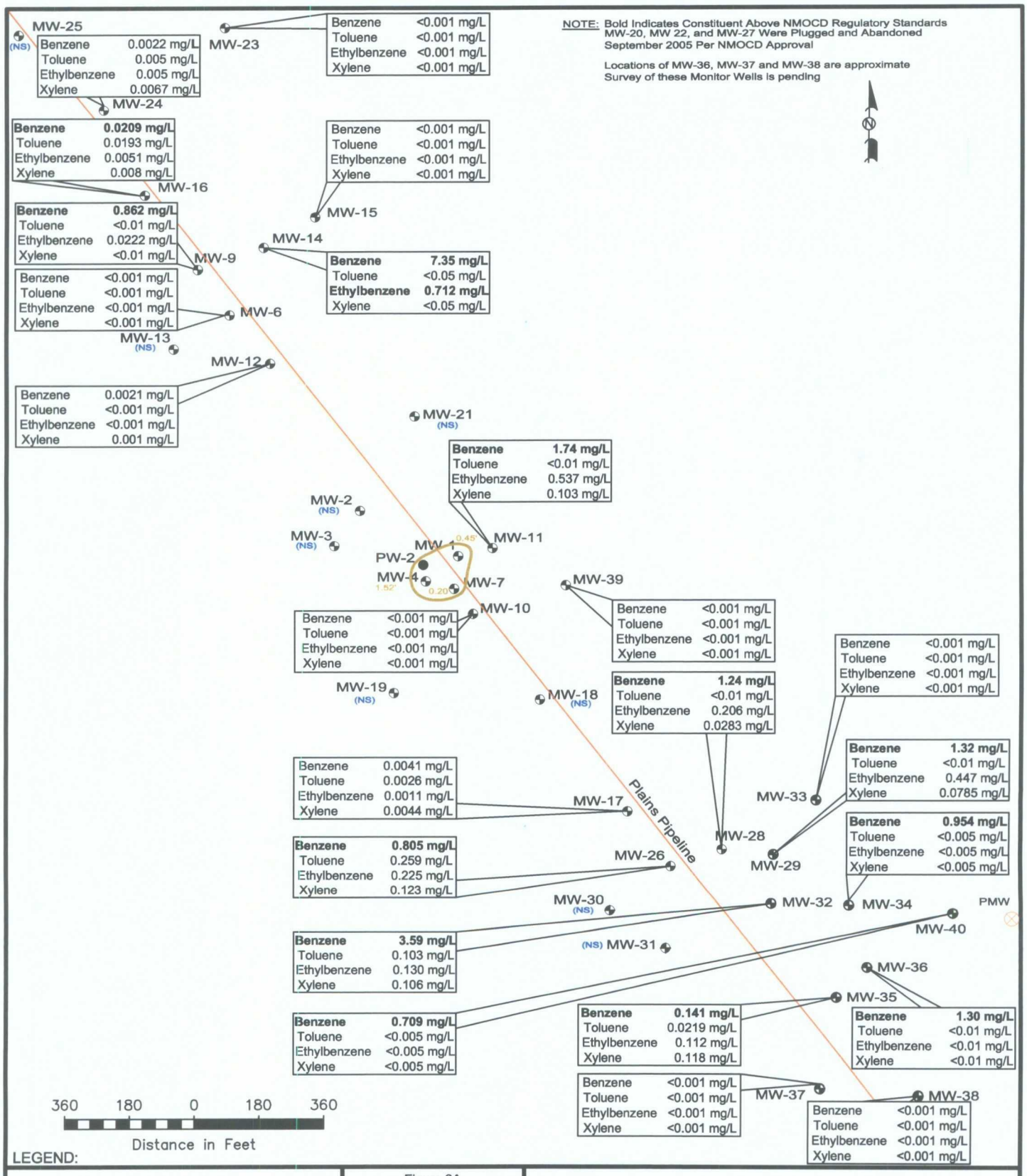


Figure 3A
Groundwater Concentration and Inferred PSH Extent Map (03/04/08)
Plains Marketing, L.P.
TNM SPS-11
Lea County, NM

NOVA Safety and Environmental

NOVA safety and environmental

Scale: 1" = 360'	CAD By: DGC	Checked By: RKR
Ocotber 1, 2008	NW1/4 SE1/4 Sec 18 T18S R36E	
	Lat. N32° 44' 50.3" Long. W103° 23' 38.5"	

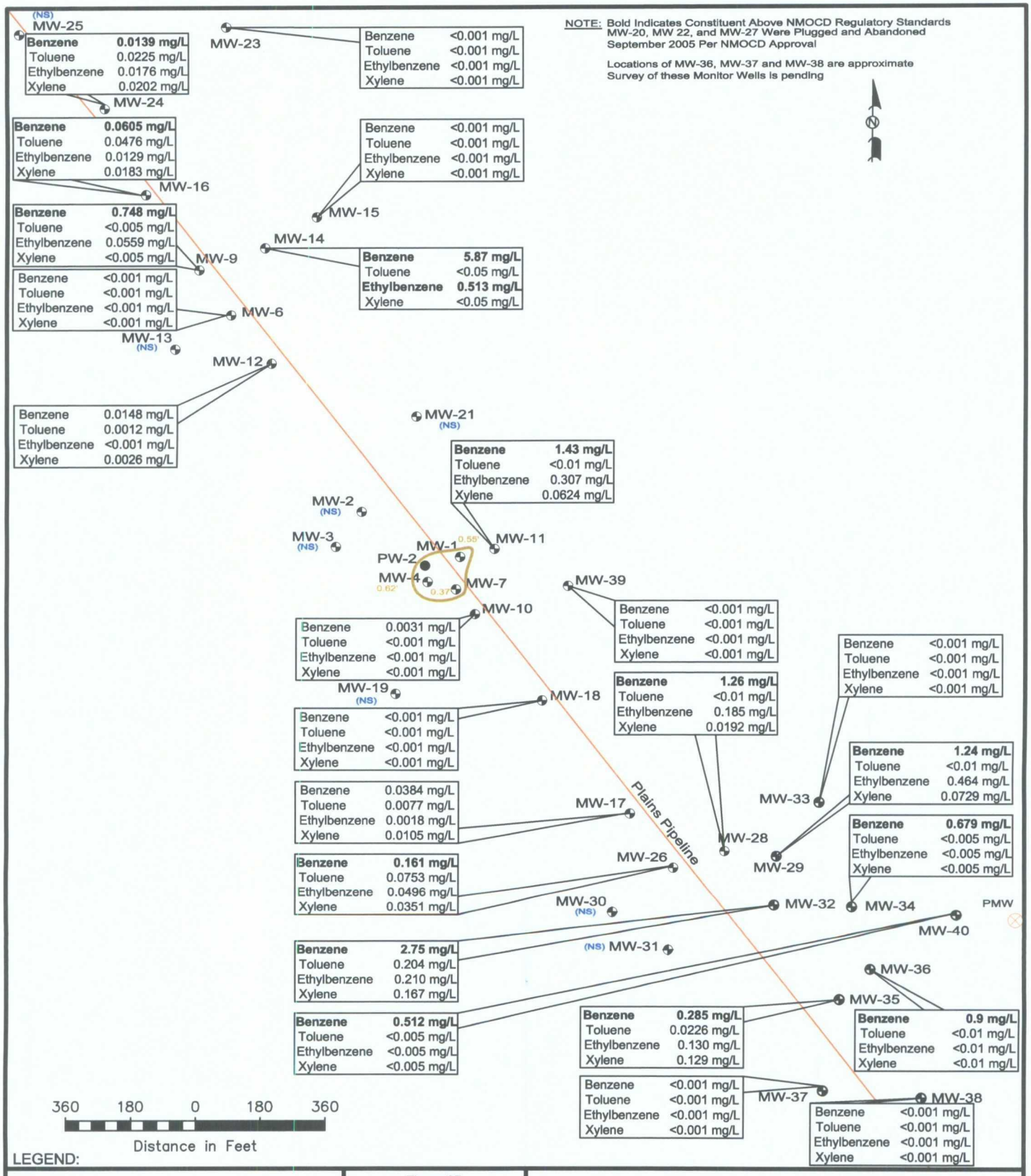


Figure 3B
Groundwater Concentration and Inferred PSH Extent Map (06/10/08)

Plains Marketing, L.P.
TNM SPS-11
Lea County, NM

NOVA Safety and Environmental

NOVA safety and environmental

Scale: 1" = 360'	CAD By: DGC	Checked By: RKR
Ocotber 3, 2008	NW1/4 SE1/4 Sec 18 T18S R36E	
	Lat. N32° 44' 50.3" Long. W103° 23' 38.5"	

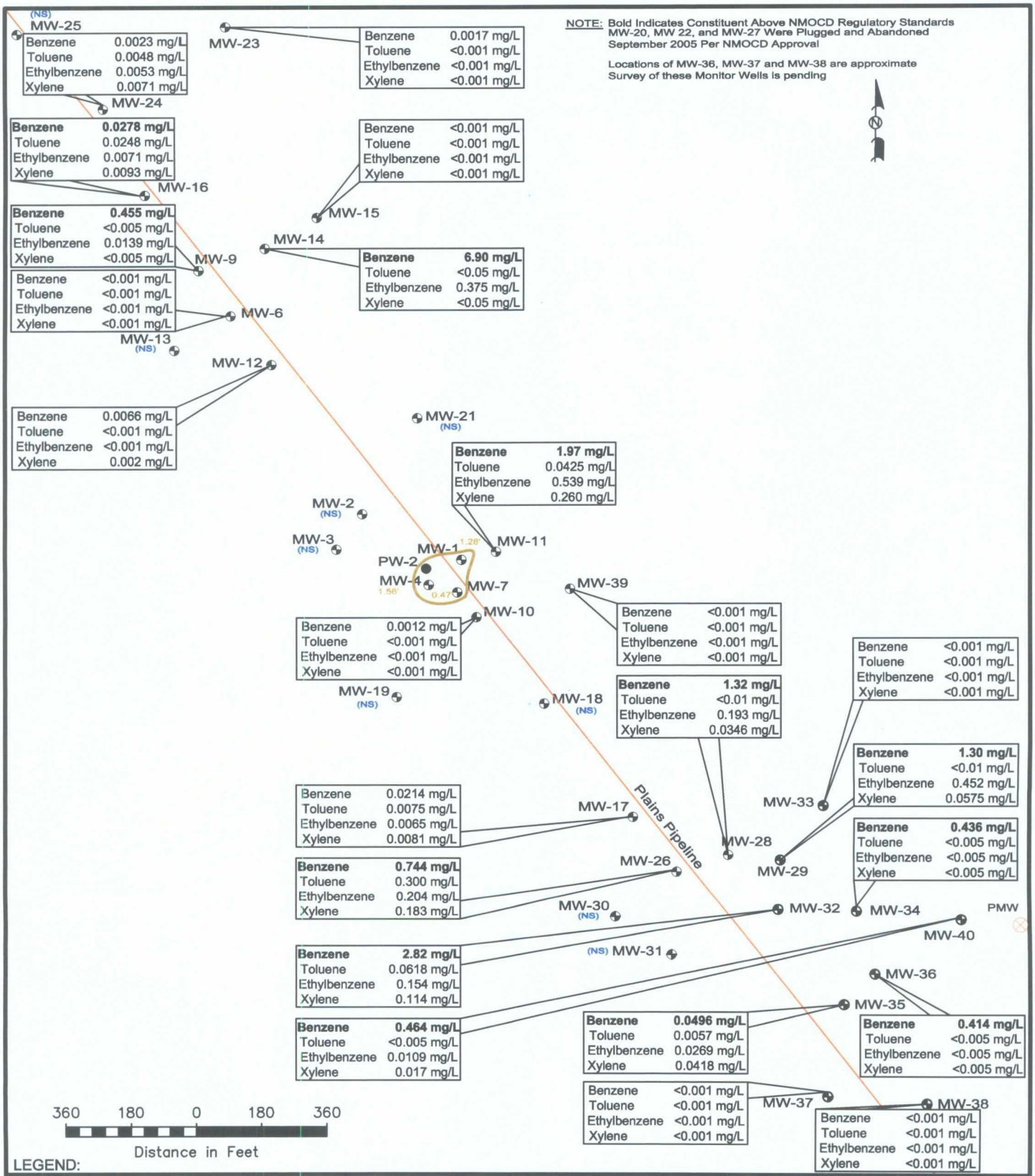


Figure 3C
Groundwater Concentration and Inferred PSH Extent Map (09/09-10/08)
Plains Marketing, L.P.
TNM SPS-11
Lea County, NM

NOVA Safety and Environmental

NOVA safety and environmental

Scale: 1" = 360'	CAD By: DGC	Checked By: RKR
October 3, 2008	NW1/4 SE1/4 Sec 18 T18S R36E	
	Lat. N32° 44' 50.3" Long. W103° 23' 38.5"	

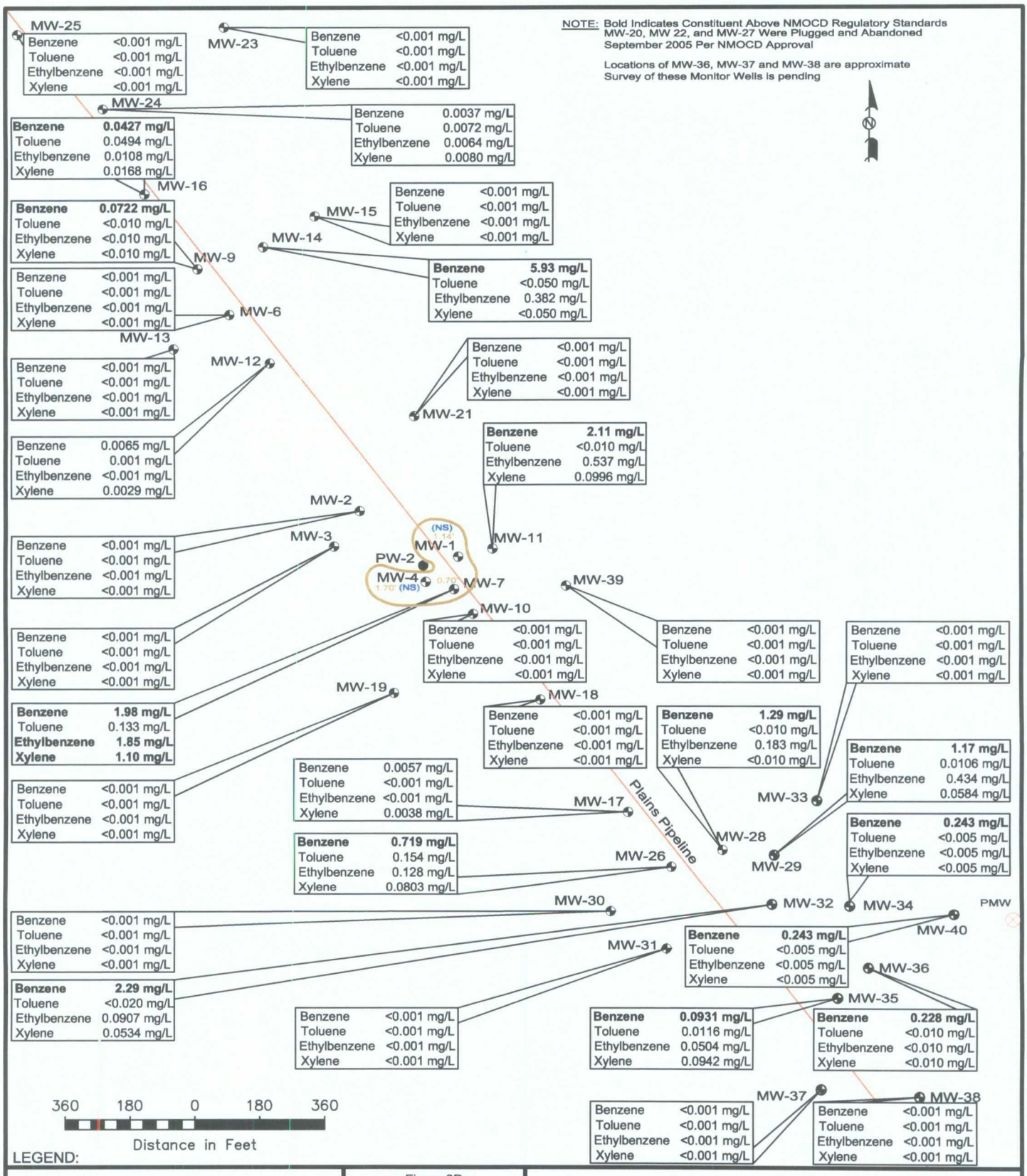


Figure 3D
Groundwater Concentration and Inferred PSH Extent Map (12-11-08)
Plains Marketing, L.P.
TNM SPS-11
Lea County, NM

NOVA Safety and Environmental

NOVA safety and environmental

Scale: 1" = 360'	CAD By: MWG	Checked By: RKR
January 07, 2009	NW1/4 SE1/4 Sec 18 T18S R36E	
	Lat. N32° 44' 50.3" Long. W103° 23' 38.5"	

TABLES

TABLE 1

2008 - GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
SPS - 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	01/10/08	3859.08	58.51	59.63	1.12	3800.40
MW - 1	01/16/08	3859.08	58.60	59.21	0.61	3800.39
MW - 1	01/22/08	3859.08	58.56	59.38	0.82	3800.40
MW - 1	02/07/08	3859.08	58.65	59.21	0.56	3800.35
MW - 1	02/12/08	3859.08	58.69	59.10	0.41	3800.33
MW - 1	02/20/08	3859.08	58.63	59.11	0.48	3800.38
MW - 1	02/27/08	3859.08	58.69	59.11	0.42	3800.33
MW - 1	*03/04/08*	3859.08	58.66	59.11	0.45	3800.35
MW - 1	03/23/08	3859.08	58.61	59.41	0.80	3800.35
MW - 1	04/09/08	3859.08	58.66	59.49	0.83	3800.30
MW - 1	04/18/08	3859.08	58.68	59.40	0.72	3800.29
MW - 1	04/25/08	3859.08	58.73	59.30	0.57	3800.26
MW - 1	04/30/08	3859.08	58.71	59.21	0.50	3800.30
MW - 1	05/16/08	3859.08	58.66	59.62	0.96	3800.28
MW - 1	05/16/08	3859.08	-	60.56	0.00	3798.52
MW - 1	06/03/08	3859.08	58.76	59.23	0.47	3800.25
MW - 1	*06/11/08*	3859.08	58.74	59.29	0.55	3800.26
MW - 1	06/18/08	3859.08	58.77	59.33	0.56	3800.23
MW - 1	06/25/08	3859.08	58.76	59.31	0.55	3800.24
MW - 1	07/01/08	3859.08	58.80	59.23	0.43	3800.22
MW - 1	07/09/08	3859.08	58.79	59.35	0.56	3800.21
MW - 1	07/15/08	3859.08	58.80	59.25	0.45	3800.21
MW - 1	07/23/08	3859.08	58.78	59.39	0.61	3800.21
MW - 1	08/13/08	3859.08	58.73	59.90	1.17	3800.17
MW - 1	*09/09/08*	3859.08	58.73	60.01	1.28	3800.16
MW - 1	09/11/08	3859.08	58.70	60.07	1.37	3800.17
MW - 1	09/22/08	3859.08	58.80	59.59	0.79	3800.16
MW - 1	10/01/08	3859.08	58.84	59.56	0.72	3800.13
MW - 1	10/16/08	3859.08	58.89	59.42	0.53	3800.11
MW - 1	10/23/08	3859.08	58.88	59.40	0.52	3800.12
MW - 1	10/30/08	3859.08	58.91	59.45	0.54	3800.09
MW - 1	11/04/08	3859.08	58.90	59.31	0.41	3800.12
MW - 1	11/25/08	3859.08	58.80	60.08	1.28	3800.09
MW - 1	11/25/08	3859.08	60.04	60.08	0.04	3799.03
MW - 1	*12/11/08*	3859.08	58.88	60.02	1.14	3800.03
MW - 2	*03/04/08*	3860.76	-	59.61	0.00	3801.15
MW - 2	*06/11/08*	3860.76	-	59.71	0.00	3801.05
MW - 2	*09/09/08*	3860.76	-	59.03	0.00	3801.73
MW - 2	*12/11/08*	3860.76	-	59.76	0.00	3801.00
MW - 3	*03/04/08*	3861.15	-	59.86	0.00	3801.29
MW - 3	*06/11/08*	3861.15	-	59.93	0.00	3801.22
MW - 3	*09/09/08*	3861.15	-	60.06	0.00	3801.09
MW - 3	*12/11/08*	3861.15	-	61.13	0.00	3800.02
MW - 4	*03/04/08*	3859.62	58.69	60.21	1.52	3800.70
MW - 4	03/13/08	3859.62	58.69	60.33	1.64	3800.68
MW - 4	03/20/08	3859.62	59.82	60.53	0.71	3799.69
MW - 4	03/23/08	3859.62	58.97	59.02	0.05	3800.64
MW - 4	04/09/08	3859.62	58.84	59.76	0.92	3800.64

TABLE 1

2008 - GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
SPS - 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	04/18/08	3859.62	58.86	59.61	0.75	3800.65
MW - 4	04/25/08	3859.62	58.91	59.67	0.76	3800.60
MW - 4	04/30/08	3859.62	58.91	59.19	0.28	3800.67
MW - 4	05/16/08	3859.62	58.86	59.75	0.89	3800.63
MW - 4	06/03/08	3859.62	58.94	59.55	0.61	3800.59
MW - 4	*06/11/08*	3859.62	58.90	59.52	0.62	3800.63
MW - 4	06/18/08	3859.62	58.94	59.54	0.60	3800.59
MW - 4	06/25/08	3859.62	58.94	59.55	0.61	3800.59
MW - 4	07/01/08	3859.62	58.96	59.55	0.59	3800.57
MW - 4	07/09/08	3859.62	58.94	59.65	0.71	3800.57
MW - 4	07/15/08	3859.62	58.96	59.61	0.65	3800.56
MW - 4	07/23/08	3859.62	58.94	59.72	0.78	3800.56
MW - 4	08/13/08	3859.62	58.90	60.36	1.46	3800.50
MW - 4	*09/09/08*	3859.62	58.88	60.44	1.56	3800.51
MW - 4	09/11/08	3859.62	58.84	60.52	1.68	3800.53
MW - 4	09/22/08	3859.62	58.87	60.48	1.61	3800.51
MW - 4	10/01/08	3859.62	58.93	60.23	1.30	3800.50
MW - 4	10/09/08	3859.62	58.96	59.97	1.01	3800.51
MW - 4	10/16/08	3859.62	59.03	59.93	0.90	3800.46
MW - 4	10/23/08	3859.62	59.01	59.91	0.90	3800.48
MW - 4	10/30/08	3859.62	59.03	60.04	1.01	3800.44
MW - 4	11/04/08	3859.62	59.00	59.93	0.93	3800.48
MW - 4	11/25/08	3859.62	58.92	60.74	1.82	3800.43
MW - 4	*12/11/08*	3859.62	58.94	60.64	1.70	3800.43
MW - 6	*03/04/08*	3862.47	-	59.34	0.00	3803.13
MW - 6	*06/11/08*	3862.47	-	59.41	0.00	3803.06
MW - 6	*09/09/08*	3862.47	-	59.56	0.00	3802.91
MW - 6	*12/11/08*	3862.47	-	59.61	0.00	3802.86
MW - 7	01/10/08	3859.31	58.88	59.44	0.56	3800.35
MW - 7	01/16/08	3859.31	58.92	59.45	0.53	3800.31
MW - 7	01/22/08	3859.31	58.92	59.73	0.81	3800.27
MW - 7	02/07/08	3859.31	58.94	59.36	0.42	3800.31
MW - 7	02/12/08	3859.31	58.99	59.26	0.27	3800.28
MW - 7	02/20/08	3859.31	58.98	59.22	0.24	3800.29
MW - 7	02/27/08	3859.31	58.99	59.20	0.21	3800.29
MW - 7	*03/04/08*	3859.31	58.99	59.19	0.20	3800.29
MW - 7	03/13/08	3859.31	58.97	59.42	0.45	3800.27
MW - 7	03/20/08	3859.31	60.11	60.47	0.36	3799.15
MW - 7	03/23/08	3859.31	58.97	59.42	0.45	3800.27
MW - 7	04/09/08	3859.31	58.98	59.43	0.45	3800.26
MW - 7	04/18/08	3859.31	59.02	59.45	0.43	3800.23
MW - 7	04/25/08	3859.31	59.05	59.45	0.40	3800.20
MW - 7	04/30/08	3859.31	59.01	59.40	0.39	3800.24
MW - 7	05/16/08	3859.31	59.03	59.45	0.42	3800.22
MW - 7	06/03/08	3859.31	59.08	59.42	0.34	3800.18
MW - 7	*06/11/08*	3859.31	59.06	59.43	0.37	3800.19
MW - 7	06/18/08	3859.31	59.09	59.44	0.35	3800.17
MW - 7	06/25/08	3859.31	59.07	59.42	0.35	3800.19
MW - 7	07/01/08	3859.31	59.08	59.42	0.34	3800.18

TABLE 1

2008 - GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
SPS - 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	07/09/08	3859.31	59.12	59.46	0.34	3800.14
MW - 7	07/15/08	3859.31	59.11	59.45	0.34	3800.15
MW - 7	07/23/08	3859.31	59.11	59.43	0.32	3800.15
MW - 7	08/13/08	3859.31	59.13	59.52	0.39	3800.12
MW - 7	09/09/08	3859.31	59.12	59.59	0.47	3800.12
MW - 7	09/11/08	3859.31	59.15	59.64	0.49	3800.09
MW - 7	09/22/08	3859.31	59.15	59.64	0.49	3800.09
MW - 7	10/01/08	3859.31	59.18	59.68	0.50	3800.06
MW - 7	10/09/08	3859.31	59.18	59.63	0.45	3800.06
MW - 7	10/16/08	3859.31	59.19	59.59	0.40	3800.06
MW - 7	10/23/08	3859.31	59.16	59.57	0.41	3800.09
MW - 7	10/30/08	3859.31	59.21	59.63	0.42	3800.04
MW - 7	11/04/08	3859.31	59.20	59.60	0.40	3800.05
MW - 7	11/25/08	3859.31	59.20	59.78	0.58	3800.02
MW - 7	12/11/08	3859.31	59.21	59.91	0.70	3800.00
MW - 9	03/04/08	3861.88	-	59.28	0.00	3802.60
MW - 9	06/11/08	3861.88	-	58.39	0.00	3803.49
MW - 9	09/09/08	3861.88	-	58.53	0.00	3803.35
MW - 9	12/11/08	3861.88	-	58.69	0.00	3803.19
MW - 10	03/04/08	3860.58	-	60.50	0.00	3800.08
MW - 10	06/11/08	3860.58	-	60.55	0.00	3800.03
MW - 10	09/09/08	3860.58	-	60.67	0.00	3799.91
MW - 10	12/11/08	3860.58	-	60.78	0.00	3799.80
MW - 11	03/04/08	3860.00	-	59.97	0.00	3800.03
MW - 11	06/11/08	3860.00	-	60.05	0.00	3799.95
MW - 11	09/09/08	3860.00	-	60.16	0.00	3799.84
MW - 11	12/11/08	3860.00	-	60.29	0.00	3799.71
MW - 12	03/04/08	3863.10	-	60.52	0.00	3802.58
MW - 12	06/11/08	3863.10	-	60.60	0.00	3802.50
MW - 12	09/09/08	3863.10	-	60.70	0.00	3802.40
MW - 12	12/11/08	3863.10	-	60.87	0.00	3802.23
MW-13	03/04/08	3862.44	-	58.84	0.00	3803.60
MW-13	06/11/08	3862.44	-	59.80	0.00	3802.64
MW-13	09/09/08	3862.44	-	59.07	0.00	3803.37
MW-13	12/11/08	3862.44	-	59.19	0.00	3803.25
MW - 14	03/04/08	3862.95	-	59.99	0.00	3802.96
MW - 14	06/11/08	3862.95	-	60.13	0.00	3802.82
MW - 14	09/09/08	3862.95	-	60.24	0.00	3802.71
MW - 14	12/11/08	3862.95	-	60.39	0.00	3802.56
MW - 15	03/04/08	3861.70	-	59.17	0.00	3802.53
MW - 15	06/11/08	3861.70	-	59.27	0.00	3802.43
MW - 15	09/09/08	3861.70	-	59.40	0.00	3802.30
MW - 15	12/11/08	3861.70	-	59.63	0.00	3802.07

TABLE 1

2008 - GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
SPS - 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 16	*03/04/08*	3863.15	-	58.90	0.00	3804.25
MW - 16	*06/11/08*	3863.15	-	59.01	0.00	3804.14
MW - 16	*09/09/08*	3863.15	-	58.29	0.00	3804.86
MW - 16	*12/11/08*	3863.15	-	59.29	0.00	3803.86
MW - 17	*03/04/08*	3859.17	-	61.44	0.00	3797.73
MW - 17	*06/11/08*	3859.17	-	61.52	0.00	3797.65
MW - 17	*09/09/08*	3859.17	-	61.60	0.00	3797.57
MW - 17	*12/11/08*	3859.17	-	61.89	0.00	3797.28
MW - 18	*03/04/08*	3859.98	-	60.96	0.00	3799.02
MW - 18	*06/11/08*	3859.98	-	61.00	0.00	3798.98
MW - 18	*09/09/08*	3859.98	-	61.12	0.00	3798.86
MW - 18	*12/11/08*	3859.98	-	61.39	0.00	3798.59
MW - 19	*03/04/08*	3862.30	-	61.82	0.00	3800.48
MW - 19	*06/11/08*	3862.30	-	61.89	0.00	3800.41
MW - 19	*09/09/08*	3862.30	-	62.02	0.00	3800.28
MW - 19	*12/11/08*	3862.30	-	63.20	0.00	3799.10
MW - 21	*03/04/08*	3862.30	-	61.20	0.00	3801.10
MW - 21	*06/11/08*	3862.30	-	61.28	0.00	3801.02
MW - 21	*09/09/08*	3862.30	-	61.43	0.00	3800.87
MW - 21	*12/11/08*	3862.30	-	61.54	0.00	3800.76
MW - 23	*03/04/08*	3862.44	-	58.65	0.00	3803.79
MW - 23	*06/11/08*	3862.44	-	58.76	0.00	3803.68
MW - 23	*09/09/08*	3862.44	-	58.93	0.00	3803.51
MW - 23	*12/11/08*	3862.44	-	59.03	0.00	3803.41
MW - 24	*03/04/08*	3864.36	-	59.52	0.00	3804.84
MW - 24	*06/11/08*	3864.36	-	59.67	0.00	3804.69
MW - 24	*09/09/08*	3864.36	-	59.79	0.00	3804.57
MW - 24	*12/11/08*	3864.36	-	59.32	0.00	3805.04
MW - 25	*03/04/08*	3864.16	-	58.43	0.00	3805.73
MW - 25	*06/11/08*	3864.16	-	58.56	0.00	3805.60
MW - 25	*09/09/08*	3864.16	-	58.73	0.00	3805.43
MW - 25	*12/11/08*	3864.16	-	58.35	0.00	3805.81
MW - 26	*03/04/08*	3858.79	-	61.83	0.00	3796.96
MW - 26	*06/11/08*	3858.79	-	61.90	0.00	3796.89
MW - 26	*09/09/08*	3858.79	-	62.01	0.00	3796.78
MW - 26	*12/11/08*	3858.79	-	62.09	0.00	3796.70
MW - 28	*03/04/08*	3858.60	-	62.11	0.00	3796.49
MW - 28	*06/11/08*	3858.60	-	62.18	0.00	3796.42
MW - 28	*09/09/08*	3858.60	-	62.27	0.00	3796.33
MW - 28	*12/11/08*	3858.60	-	62.34	0.00	3796.26

TABLE 1

2008 - GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
SPS - 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 29	*03/04/08*	3858.54	-	62.59	0.00	3795.95
MW - 29	*06/11/08*	3858.54	-	62.67	0.00	3795.87
MW - 29	*09/09/08*	3858.54	-	62.74	0.00	3795.80
MW - 29	*12/11/08*	3858.54	-	61.83	0.00	3796.71
MW - 30	*03/04/08*	3858.35	-	60.97	0.00	3797.38
MW - 30	*06/11/08*	3858.35	-	61.00	0.00	3797.35
MW - 30	*09/09/08*	3858.35	-	61.09	0.00	3797.26
MW - 30	*12/11/08*	3858.35	-	61.18	0.00	3797.17
MW - 31	*03/04/08*	3858.52	-	61.88	0.00	3796.64
MW - 31	*06/11/08*	3858.52	-	61.94	0.00	3796.58
MW - 31	*09/09/08*	3858.52	-	62.01	0.00	3796.51
MW - 31	*12/11/08*	3858.52	-	62.11	0.00	3796.41
MW-32	*03/04/08*	3858.07	-	62.34	0.00	3795.73
MW-32	*06/11/08*	3858.07	-	62.38	0.00	3795.69
MW-32	*09/09/08*	3858.07	-	62.46	0.00	3795.61
MW-32	*12/11/08*	3858.07	-	62.53	0.00	3795.54
MW-33	*03/04/08*	3858.36	-	62.97	0.00	3795.39
MW-33	*06/11/08*	3858.36	-	63.02	0.00	3795.34
MW-33	*09/09/08*	3858.36	-	63.10	0.00	3795.26
MW-33	*12/11/08*	3858.36	-	63.18	0.00	3795.18
MW-34	*03/04/08*	3857.91	-	62.91	0.00	3795.00
MW-34	*06/11/08*	3857.91	-	62.96	0.00	3794.95
MW-34	*09/09/08*	3857.91	-	63.05	0.00	3794.86
MW-34	*12/11/08*	3857.91	-	63.14	0.00	3794.77
MW-35	*03/04/08*	3857.16	-	62.39	0.00	3794.77
MW-35	*06/11/08*	3857.16	-	62.44	0.00	3794.72
MW-35	*09/09/08*	3857.16	-	62.53	0.00	3794.63
MW-35	*12/11/08*	3857.16	-	62.51	0.00	3794.65
MW-36	*03/04/08*	3858.80	-	63.04	0.00	3795.76
MW-36	*06/11/08*	3858.80	-	63.82	0.00	3794.98
MW-36	*09/09/08*	3858.80	-	63.22	0.00	3795.58
MW-36	*12/11/08*	3858.80	-	63.24	0.00	3795.56
MW-37	*03/04/08*	3857.69	-	61.93	0.00	3795.76
MW-37	*06/11/08*	3857.69	-	61.98	0.00	3795.71
MW-37	*09/09/08*	3857.69	-	62.07	0.00	3795.62
MW-37	*12/11/08*	3857.69	-	62.13	0.00	3795.56

TABLE 1

2008 - GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
SPS - 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-38	*03/04/08*	3855.95	-	60.77	0.00	3795.18
MW-38	*06/11/08*	3855.95	-	60.82	0.00	3795.13
MW-38	*09/09/08*	3855.95	-	60.93	0.00	3795.02
MW-38	*12/11/08*	3855.95	-	60.99	0.00	3794.96
MW-39	*03/04/08*		-	61.51	0.00	
MW-39	*06/11/08*		-	61.59	0.00	
MW-39	*09/09/08*		-	61.70	0.00	
MW-39	*12/11/08*		-	61.81	0.00	
MW-40	*03/04/08*		-	63.71	0.00	
MW-40	*06/11/08*		-	63.75	0.00	
MW-40	*09/09/08*		-	63.84	0.00	
MW-40	*12/11/08*		-	63.09	0.00	
PW-2	01/10/08		56.76	57.03	0.27	
PW-2	01/16/08		56.74	57.13	0.39	
PW-2	01/22/08		56.73	56.95	0.22	
PW-2	02/07/08		56.80	56.97	0.17	
PW-2	02/12/08		56.82	56.94	0.12	
PW-2	02/20/08		56.79	56.87	0.08	
PW-2	02/27/08		56.84	56.87	0.03	
PW-2	03/13/08		56.85	56.93	0.08	
PW-2	03/23/08		56.12	56.91	0.79	
PW-2	04/09/08		56.86	56.95	0.09	
PW-2	04/18/08		56.88	56.97	0.09	
PW-2	04/25/08		56.91	57.00	0.09	
PW-2	04/30/08		56.88	57.07	0.19	
PW-2	05/06/08		56.89	57.09	0.20	
PW-2	05/16/08		56.89	57.09	0.20	
PW-2	06/03/08		56.92	57.02	0.10	
PW-2	06/11/08		56.94	56.95	0.01	
PW-2	06/18/08		56.97	56.98	0.01	
PW-2	06/25/08		56.95	56.98	0.03	
PW-2	07/01/08		56.96	56.98	0.02	
PW-2	07/09/08		56.98	57.06	0.08	
PW-2	07/15/08		56.40	57.02	0.62	
PW-2	07/23/08		56.98	57.07	0.09	
PW-2	09/11/08		56.99	57.15	0.16	
PW-2	09/22/08		57.00	57.20	0.20	
PW-2	10/01/08		57.02	57.22	0.20	
PW-2	10/09/08		58.83	59.46	0.63	
PW-2	10/16/08		-	57.11	0.00	
PW-2	10/23/08		-	57.09	0.00	
PW-2	10/30/08		-	57.21	0.00	

Elevations based on the North America Vertical Datum of 1929.

** Complete Historical Tables are provided on the Attached CD.*

TABLE 2
2008 - CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8015M GRO/DRO		SW 846-8260b				
		GRO C_6-C_{12} mg/L	DRO >C_{12}-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	03/04/08			Not Sampled Due to PSH in Well				
MW - 1	06/11/08			Not Sampled Due to PSH in Well				
MW - 1	09/10/08			Not Sampled Due to PSH in Well				
MW - 1	12/11/08			Not Sampled Due to Insufficient Water Volume				
MW - 2	03/04/08			Not Sampled on Current Sample Schedule				
MW - 2	06/11/08			Not Sampled on Current Sample Schedule				
MW - 2	09/10/08			Not Sampled on Current Sample Schedule				
MW - 2	12/11/08			<0.001	<0.001	<0.001	<0.001	
MW - 3	03/04/08			Not Sampled on Current Sample Schedule				
MW - 3	06/11/08			Not Sampled on Current Sample Schedule				
MW - 3	09/10/08			Not Sampled on Current Sample Schedule				
MW - 3	12/11/08			<0.001	<0.001	<0.001	<0.001	
MW - 4	03/04/08			Not Sampled Due to PSH in Well				
MW - 4	06/11/08			Not Sampled Due to PSH in Well				
MW - 4	09/10/08			Not Sampled Due to PSH in Well				
MW - 4	12/11/08			Not Sampled Due to Insufficient Water Volume				
MW - 6	03/04/08			<0.001	<0.001	<0.001	<0.001	
MW - 6	06/11/08			<0.001	<0.001	<0.001	<0.001	
MW - 6	09/10/08			<0.001	<0.001	<0.001	<0.001	
MW - 6	12/11/08			<0.001	<0.001	<0.001	<0.001	
MW - 7	03/04/08			Not Sampled Due to PSH in Well				
MW - 7	06/11/08			Not Sampled Due to PSH in Well				
MW - 7	09/10/08			Not Sampled Due to PSH in Well				
MW - 7	12/11/08	18.9	118	**1.98**	0.133	**1.85**	**1.10**	
MW - 9	03/04/08			**0.862**	<0.010	0.0222	<0.010	
MW - 9	06/11/08			**0.748**	<0.005	0.0559	<0.005	
MW - 9	09/10/08			**0.455**	<0.005	0.0139	<0.005	
MW - 9	12/11/08			**0.0722**	<0.010	<0.010	<0.010	
MW - 10	03/04/08			<0.001	<0.001	<0.001	<0.001	
MW - 10	06/11/08			0.0031	<0.001	<0.001	<0.001	
MW - 10	09/10/08			0.0012	<0.001	<0.001	<0.001	
MW - 10	12/11/08			<0.001	<0.001	<0.001	<0.001	

TABLE 2
2008 - CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8015M GRO/DRO		SW 846-8260b				
		GRO C_6-C_{12} mg/L	DRO >C_{12}-C35 mg/L	BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY LIMIT				**0.01**	**0.75**	**0.75**	**0.62**	
MW - 11	03/04/08			**1.740**	<0.01	0.537	0.103	
MW - 11	06/11/08			**1.430**	<0.0100	0.307	0.0624	
MW - 11	09/10/08			**1.970**	0.0425	0.539	0.26	
MW - 11	12/11/08			**2.110**	<0.010	0.537	0.0996	
MW - 12	03/04/08			0.0021	<0.001	<0.001	0.001	
MW - 12	06/11/08			**0.0148**	0.0012	<0.001	0.0026	
MW - 12	09/10/08			0.0066	0.001	<0.001	0.002	
MW - 12	12/11/08			0.0065	0.001	<0.001	0.0029	
MW - 13	03/04/08			Not Sampled on Current Sample Schedule				
MW - 13	06/11/08			Not Sampled on Current Sample Schedule				
MW - 13	09/10/08			Not Sampled on Current Sample Schedule				
MW - 13	12/11/08			<0.001	<0.001	<0.001	<0.001	
MW - 14	03/04/08			**7.35**	<0.050	**0.712**	<0.050	
MW - 14	06/11/08			**5.87**	<0.0500	**0.513**	<0.0500	
MW - 14	09/10/08			**6.9**	<0.0500	**0.375**	<0.0500	
MW - 14	12/11/08			**5.93**	<0.0500	**0.382**	<0.0500	
MW - 15	03/04/08			<0.001	<0.001	<0.001	<0.001	
MW - 15	06/10/08			<0.001	<0.001	<0.001	<0.001	
MW - 15	09/10/08			Not Sampled on Current Sample Schedule				
MW - 15	12/11/08			<0.001	<0.001	<0.001	<0.001	
MW - 16	03/04/08			**0.0209**	0.0193	0.0051	0.008	
MW - 16	06/11/08			**0.0605**	0.0476	0.0129	0.0183	
MW - 16	09/10/08			**0.0278**	0.0248	0.0071	0.0093	
MW - 16	12/11/08			**0.0427**	0.0494	0.0108	0.0168	
MW - 17	03/04/08			0.0041	0.0026	0.0011	0.0044	
MW - 17	06/11/08			**0.0384**	0.0077	0.0018	0.0105	
MW - 17	09/10/08			**0.0214**	0.0075	0.0065	0.0081	
MW - 17	12/11/08			0.0057	<0.001	<0.001	0.0038	
MW - 18	03/04/08			Not Sampled on Current Sample Schedule				
MW - 18	06/11/08			<0.001	<0.001	<0.001	<0.001	
MW - 18	09/10/08			Not Sampled on Current Sample Schedule				
MW - 18	12/11/08			<0.001	<0.001	<0.001	<0.001	

TABLE 2
2008 - CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8015M GRO/DRO		SW 846-8260b				
		GRO C_6-C_{12} mg/L	DRO >C_{12}-C35 mg/L	BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY LIMIT				**0.01**	**0.75**	**0.75**	**0.62**	
MW - 19	03/04/08			Not Sampled on Current Sample Schedule				
MW - 19	06/11/08			Not Sampled on Current Sample Schedule				
MW - 19	09/10/08			Not Sampled on Current Sample Schedule				
MW - 19	12/11/08			<0.001	<0.001	<0.001	<0.001	
MW - 21	03/04/08			Not Sampled on Current Sample Schedule				
MW - 21	06/11/08			Not Sampled on Current Sample Schedule				
MW - 21	09/10/08			Not Sampled on Current Sample Schedule				
MW - 21	12/11/08			<0.001	<0.001	<0.001	<0.001	
MW - 23	03/04/08			<0.001	<0.001	<0.001	<0.001	
MW - 23	06/11/08			<0.001	<0.001	<0.001	<0.001	
MW - 23	09/10/08			0.0017	<0.001	<0.001	<0.001	
MW - 23	12/11/08			<0.001	<0.001	<0.001	<0.001	
MW - 24	03/04/08			0.0022	0.005	0.005	0.0067	
MW - 24	06/11/08			**0.0139**	0.0225	0.0176	0.0202	
MW - 24	09/10/08			0.0023	0.0048	0.0053	0.0071	
MW - 24	12/11/08			0.0037	0.0072	0.0064	0.008	
MW - 25	03/04/08			Not Sampled on Current Sample Schedule				
MW - 25	06/11/08			Not Sampled on Current Sample Schedule				
MW - 25	09/10/08			Not Sampled on Current Sample Schedule				
MW - 25	12/11/08			<0.001	<0.001	<0.001	<0.001	
MW - 26	03/04/08			**0.805**	0.259	0.225	0.123	
MW - 26	06/11/08			**0.0161**	0.0753	0.0496	0.0351	
MW - 26	09/10/08			**0.744**	0.3	0.204	0.183	
MW - 26	12/11/08			**0.719**	0.154	0.128	0.0803	
MW - 28	03/04/08			**1.240**	<0.010	0.206	0.0283	
MW - 28	06/11/08			**1.260**	<0.01	0.185	0.0192	
MW - 28	09/10/08			**1.320**	<0.01	0.193	0.0346	
MW - 28	12/11/08			**1.290**	<0.010	0.183	<0.010	
MW - 29	03/04/08			**1.320**	<0.01	0.447	0.0785	
MW - 29	06/11/08			**1.240**	<0.01	0.464	0.0729	
MW - 29	09/10/08			**1.300**	<0.01	0.452	0.0575	
MW - 29	12/11/08			**1.170**	0.0106	0.434	0.0584	

TABLE 2
2008 - CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8015M GRO/DRO		SW 846-8260b				
		GRO C_6-C_{12} mg/L	DRO >C_{12}-C35 mg/L	BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY LIMIT				**0.01**	**0.75**	**0.75**	**0.62**	
MW - 30	03/04/08			Not Sampled on Current Sample Schedule				
MW - 30	06/11/08			Not Sampled on Current Sample Schedule				
MW - 30	09/10/08			Not Sampled on Current Sample Schedule				
MW - 30	12/11/08			<0.001	<0.001	<0.001	<0.001	
MW - 31	03/04/08			Not Sampled on Current Sample Schedule				
MW - 31	06/11/08			Not Sampled on Current Sample Schedule				
MW - 31	09/10/08			Not Sampled on Current Sample Schedule				
MW - 31	12/11/08			<0.001	<0.001	<0.001	<0.001	
MW - 32	03/04/08			**3.59**	0.103	0.13	0.106	
MW - 32	06/11/08			**2.75**	0.204	0.21	0.167	
MW - 32	09/10/08			**2.82**	0.0618	0.154	0.114	
MW - 32	12/11/08			**2.29**	<0.020	0.0907	0.0534	
MW - 33	03/04/08			<0.001	<0.001	<0.001	<0.001	
MW - 33	06/11/08			<0.001	<0.001	<0.001	<0.001	
MW - 33	09/10/08			<0.001	<0.001	<0.001	<0.001	
MW - 33	12/11/08			<0.001	<0.001	<0.001	<0.001	
MW - 34	03/04/08			**0.954**	<0.005	<0.005	<0.005	
MW - 34	06/11/08			**0.679**	<0.005	<0.005	<0.005	
MW - 34	09/10/08			**0.436**	<0.005	<0.005	<0.005	
MW - 34	12/11/08			**0.243**	<0.005	<0.005	<0.005	
MW - 35	03/04/08			**0.141**	0.0219	0.112	0.118	
MW - 35	06/11/08			**0.285**	0.0226	0.13	0.129	
MW - 35	09/10/08			**0.0496**	0.0057	0.0269	0.0418	
MW - 35	12/11/08			**0.0931**	0.0116	0.0504	0.0942	
MW - 36	03/04/08			**1.3**	<0.001	<0.001	<0.001	
MW - 36	06/11/08			**0.9**	<0.0100	<0.0100	<0.0100	
MW - 36	09/10/08			**0.414**	<0.00500	<0.00500	<0.00500	
MW - 36	12/11/08			**0.228**	<0.0100	<0.0100	<0.0100	
MW - 37	03/04/08			<0.001	<0.001	<0.001	<0.001	
MW - 37	06/11/08			<0.001	<0.001	<0.001	<0.001	
MW - 37	09/10/08			<0.001	<0.001	<0.001	<0.001	
MW - 37	12/11/08			<0.001	<0.001	<0.001	<0.001	

TABLE 2
2008 - CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8015M GRO/DRO		SW 846-8260b				
		GRO C_6-C_{12} mg/L	DRO >C_{12}-C35 mg/L	BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY LIMIT				**0.01**	**0.75**	**0.75**	**0.62**	
MW - 38	03/04/08			<0.001	<0.001	<0.001	<0.001	
MW - 38	06/11/08			<0.001	<0.001	<0.001	<0.001	
MW - 38	09/10/08			<0.001	<0.001	<0.001	<0.001	
MW - 38	12/11/08			<0.001	<0.001	<0.001	<0.001	
MW - 39	03/04/08			<0.001	<0.001	<0.001	<0.001	
MW - 39	06/11/08			<0.001	<0.001	<0.001	<0.001	
MW - 39	09/10/08			<0.001	<0.001	<0.001	<0.001	
MW - 39	12/11/08			<0.001	<0.001	<0.001	<0.001	
MW - 40	03/04/08			**0.709**	<0.005	<0.005	<0.005	
MW - 40	06/11/08			**0.512**	<0.005	<0.005	<0.005	
MW - 40	09/10/08			**0.464**	<0.005	0.0109	0.017	
MW - 40	12/11/08			**0.243**	<0.005	<0.005	<0.005	

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

TABLE 3

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER - 2008

PLAINS MARKETING, L.P.
TNM SPS-11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Naphthalene	Phenanthrene	Pyrene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		—	—	—	0.0001 mg/L	0.0007 mg/L	0.0002 mg/L	—	0.0002 mg/L	0.0002 mg/L	0.0003 mg/L	—	—	0.0004 mg/L	0.03 mg/L	—	—	0.03 mg/L		—
MW-1	12/11/08	Not Sampled Due to Insufficient Water Volume																		
MW-2	12/11/08	<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-3	12/11/08	<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-4	12/11/08	Not Sampled Due to Insufficient Water Volume																		
MW-6	12/11/08	<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	0.000207	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-7	12/11/08	<0.000917	<0.000917	0.00181	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	0.0188	<0.000917	**0.109**	0.0287	<0.000917	**0.232**	**0.197**	0.0205
MW-9	12/11/08	<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	0.000278	<0.000184	<0.000184	0.000431	<0.000184	0.000624
MW-10	12/11/08	<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-11	12/11/08	<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	0.00228	0.000386	<0.000183	0.00306	0.000266	0.00105
MW-12	12/11/08	<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 3

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER - 2008

PLAINS MARKETING, L.P.
TNM SPS-11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

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-13	12/11/08	<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-14	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.00138	<0.000183	0.0374	0.00105	<0.000183	0.0259	0.0207	0.00177
MW-15	12/11/08	<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-16	12/11/08	<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-17	12/11/08	<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-18	12/11/08	<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-19	12/11/08	<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-21	12/11/08	<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-23	12/11/08	<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-24	12/11/08	<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 3

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER - 2008

PLAINS MARKETING, L.P.
TNM SPS-11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

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	12/11/08	<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-26	12/11/08	<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	0.00106	<0.000183	<0.000183	0.000552	0.000224	<0.000183
MW-28	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.000215	<0.000183	0.00247	<0.000183	<0.000183	0.00148	0.000516	0.000618
MW-29	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.000628	<0.000183	0.00944	0.000394	<0.000183	0.00384	0.00161	0.000995
MW-30	12/11/08	<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-31	12/11/08	<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-32	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.000357	<0.000183	0.000798	<0.000183	<0.000183	0.000604	<0.000183	0.000688
MW-33	12/11/08	<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-34	12/11/08	<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-35	12/11/08	<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

TABLE 3

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER - 2008

PLAINS MARKETING, L.P.
TNM SPS-11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

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-36	12/11/08	<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	0.00744	0.000315	<0.000184	0.0012	0.000186	0.000517
MW-37	12/11/08	<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-38	12/11/08	<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-39	12/11/08	<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-40	12/11/08	<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

APPENDICES

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

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

OPERATOR

x Initial Report ☐ Final Report

Name of Company	Plains Pipeline, LP	Contact:	Camille Reynolds
Address:	3705 E. Hwy 158, Midland, TX 79706	Telephone No.	505-441-0965
Facility Name	SPS #11	Facility Type:	Pipeline

Surface Owner:	Mineral Owner	Lease No.
New Mexico State Land Office		

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
F	18	18S	36E					Lea

Latitude 32 degrees 44' 50.3" **Longitude** 103 degrees 23' 36.5"

NATURE OF RELEASE

Type of Release:	Volume of Release:	Volume Recovered
Source of Release:	Date and Hour of Occurrence Unknown	Date and Hour of Discovery
Was Immediate Notice Given? Yes ☐ No ☐ Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

Describe Area Affected and Cleanup Action Taken.*
NOTE: Texas-New Mexico Pipeline was the owner/operator of the pipeline system at the time of the release, initial response information is unavailable .

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

Signature:	OIL CONSERVATION DIVISION	
Printed Name: Camille Reynolds	Approved by District Supervisor:	
Title: Remediation Coordinator	Approval Date:	Expiration Date:
E-mail Address: cjreynolds@paalp.com	Conditions of Approval:	Attached ☐
Date: 3/21/2005 Phone: (505)441-0965		

* Attach Additional Sheets If Necessary