AP - 12

ANNUAL MONITORING REPORT

YEAR(S): 2009

2009
ANNUAL MONITORING REPORT

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Environmental Bureau
Oil Conservation Division

TNM 98-05A
NE 1/4 NW 1/4 OF SECTION 26, TOWNSHIP 21 SOUTH, RANGE 37 EAST
LEA COUNTY, NEW MEXICO
PLAINS SRS NUMBER: TNM-98-05A
NMOCD Reference AP-12

Prepared for:

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February 2010

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2009 Annual Monitoring Report
2009 Tables 1, 2 and 3 – Groundwater Elevation, BTEX, TPH and PAH Concentration Data
2009 Figures 1, 2A-2D, and 3A-3D
Electronic Copies of Laboratory Reports
Historic Table 1 and 2 – Groundwater Elevation and BTEX, TPH, PAH Concentration Tables
Historic Table 1 and 2 – Groundwater Elevation and BTEX, TPH, PAH Concentration Tables

INTRODUCTION

NOVA Safety and Environmental (NOVA), on behalf of Plains Pipeline, L.P. (Plains), has prepared this 2009 Annual Groundwater 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. This report is intended to be viewed as a complete document with figures, attachments, tables, and text. The report presents the results of four quarterly groundwater monitoring/sampling events conducted at the TNM 98-05A crude oil Release Site (the site), located in Lea County, New Mexico. The site, formerly the responsibility of Enron Oil Trading and Transportation (EOTT) is now the responsibility of Plains. For reference, the Site Location Map is provided as Figure 1.

Groundwater gauging and sampling was conducted during each quarter of 2009 to assess the levels and extent of Phase Separated Hydrocarbons (PSH) and dissolved phase constituents. The groundwater monitoring events consisted of measuring static water levels in the monitor wells, and purging and sampling of each well exhibiting sufficient recharge. Monitor wells were not sampled if a measurable thickness of PSH were detected during gauging activities.

SITE DESCRIPTION AND BACKGROUND INFORMATION

The site is located approximately two miles northeast of the city of Eunice, New Mexico. The legal description of the site is NE ¼, NW ¼, Section 26, Township 21 South, Range 37 East (Figure 1). On February 5, 1998, an estimated 38 barrels of crude oil were released from a six inch crude oil pipeline. Approximately four barrels of crude oil were recovered during the initial response activities. The release was attributed to internal corrosion of the pipeline. The Release Notification and Corrective Action Form (C-141) is provided as Appendix A. Approximately 3,300 cubic yards of impacted soil was excavated and applied to an on-site treatment cell. In December 2004, a Site Restoration Work Plan and Proposed Soil Closure Strategy Report was submitted to the NMOCD. The report was approved by the NMOCD in a letter dated June 2, 2005. In October 2005, additional excavation along the east sidewall was completed, the excavation was backfilled with remediated soil and the site was graded to match the surrounding topography. In December 2005, a Soil Closure Request was submitted to the NMOCD and this request was approved by the NMOCD in a letter dated January 31, 2006, which concurred that no further action was necessary with regard to soil remediation at the TNM-98-05A Site.

During the October 2005 excavation backfilling activities, monitor well MW-4 was damaged and could not be repaired. On January 9, 2006, Plains representatives requested NMOCD approval to plug and abandon monitor well MW-4. On January 19, 2006, NMOCD approved the request to plug and abandon the monitor well. On March 6, 2006, monitor well MW-4 was plugged and abandoned utilizing approved New Mexico Office of the State Engineer plugging and abandonment procedures.

Currently, there are ten monitor wells (MW-1 through MW-3 and MW-5 through MW-11) onsite. For reference, the analytical results are shown in Table 2, 2009 Concentrations of BTEX in Groundwater.

FIELD ACTIVITIES

During the reporting period, no measurable thickness of PSH was detected in any of the site monitor wells. Table 1 displays the groundwater gauging data for the reporting period. Historic groundwater elevation data beginning at project inception is provided on the enclosed data disk.

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 correspondence date January 19, 2006. The table below illustrates the current groundwater sampling schedule approved by the NMOCD.

Sample Location	Sampling Schedule
MW-1	Quarterly
MW-2	Quarterly
MW-3	Quarterly
MW-4	Plugged and Abandoned March 6, 2006
MW-5	Annual
MW-6	Semi-annual
MW-7	Semi-annual
MW-8	Annual
MW-9	Quarterly
MW-10	Quarterly
MW-11	Quarterly

Quarterly sampling events for the calendar year 2009 were performed on February 18, May 19, August 13, and November 11, 2009. Each quarterly sampling event consisted of gauging all wells and purging and sampling monitor wells as per the approved sampling schedule. During each sampling event, the monitor wells were purged of a minimum of three well volumes of water or until the wells were dry using a PVC bailer or electrical Grundfos pump. Groundwater was allowed to recharge and samples were collected using disposable Teflon samplers. Water samples were placed in clean glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of at a licensed disposal facility.

The most recent inferred groundwater gradient, Figure 2D, indicates a general gradient of approximately 0.005 feet/foot to the southeast as measured between monitor wells MW-1 and MW-6. This data is consistent with data presented on Figures 2A through 2C from earlier in the year. The corrected groundwater elevations ranged between 3,343.88 and 3,345.97 feet above mean sea level, in monitor well MW-6 on February 18, 2009 and November 11, 2009, respectively. Groundwater elevation data for the calendar year 2009 is provided in Table 1. Historic groundwater elevation data beginning at project inception is provided on the enclosed disk.

LABORATORY RESULTS

Groundwater samples obtained during the quarterly sampling events of 2009 were delivered to TraceAnalysis, Inc. in Midland, Texas for determination of Benzene, Toluene, Ethyl-benzene and Xylene (BTEX) constituent concentrations by EPA Method 8021B, and Polynuclear Aromatic Hydrocarbons (PAH) concentrations by EPA Method 8270C. A listing of BTEX constituent concentrations for 2009 are summarized in Table 2 and the PAH constituent concentrations for 2009 are summarized in Table 3. Copies of the laboratory reports generated for 2009 are provided on the enclosed data disk. The quarterly groundwater sample results for BTEX constituent concentrations are depicted on Figures 3A through 3D.

Monitor well MW-1 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.640 mg/L during the 2nd quarter to 2.940 mg/L during the 3rd quarter of 2009. Benzene concentrations were above the NMOCD regulatory standard of 0.01 mg/L during all four quarters of the reporting period. Toluene concentrations were below the MDL of 0.100 mg/L and below the NMOCD regulatory standard during all four quarters of the reporting period. Ethyl-benzene concentrations ranged from 0.511 mg/L during the 1st quarter to 1.460 mg/L during the 2nd quarter of 2009. Ethyl-benzene concentrations were above the NMOCD regulatory standard of 0.75 mg/L during the 2nd, 3rd and 4th quarters of the reporting period. Xylene concentrations ranged from <0.100 mg/L during the 1st and 3rd quarters to 2.000 mg/L during the 2nd quarter of 2009. Xylene concentrations were above the NMOCD regulatory standard of 0.62 mg/L during the 2nd and 4th quarters and below the standards during the 1st and 3rd quarters of the reporting period. Laboratory analysis for PAH during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for 1-methylnaphthalene (0.0706 mg/L) and 2-methylnaphthalene (0.0474 mg/L). Additional PAH constituents detected above MDLs include naphthalene (0.0257 mg/L), phenanthrene (0.011 mg/L) and dibenzofuran (0.0103 mg/L), which are below the WQCC Drinking Water Standards.

Monitor well MW-2 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.693 mg/L during the 4th quarter to 2.340 mg/L during the 2nd quarter of 2009. Benzene concentrations were above the NMOCD regulatory standard during all four quarters of the reporting period. Toluene concentrations were below the NMOCD regulatory standard during all four quarters of the reporting period. Ethyl-benzene concentrations ranged from 0.238 mg/L during the 1st quarter to 1.080 mg/L during the 2nd quarter of 2009. Ethyl-benzene concentrations were above the NMOCD regulatory standard during the 2nd and 3rd quarters of the reporting period. Xylene concentrations ranged from 0.100 mg/L during the 1st quarter to 1.500 mg/L during the 2nd quarter of 2009. Xylene concentrations were above the NMOCD regulatory standard during the 2nd and 3rd quarters and below the standards during the 1st and 4th quarters of the reporting period. Laboratory analysis for PAH during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards of naphthalene (0.0488 mg/L), 1-methylnaphthalene (0.0930 mg/L) and 2-methylnaphthalene (0.0735 mg/L). Additional PAH constituents detected above MDLs include phenanthrene (0.0114 mg/L) and dibenzofuran (0.0116 mg/L), which are below the WQCC Drinking Water Standards.

Monitor well MW-3 is sampled on a quarterly schedule. Analytical results indicate BTEX constituent concentrations were below the MDL and/or NMOCD regulatory standards during all four quarters of the reporting period. Monitor well MW-3 has exhibited twenty-eight consecutive monitoring events below NMOCD regulatory limits. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above MDLs for naphthalene (0.00022 mg/L), which are below the WQCC Drinking Water Standards.

Monitor well MW-5 is sampled on a semi-annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each constituent during the 2nd and 4th quarter sampling events. Monitor well MW-5 has exhibited twenty-eight consecutive monitoring events below NMOCD regulatory limits. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-6 is sampled on a semi-annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each constituent during the 2nd and 4th quarter sampling event. Monitor well MW-6 has exhibited thirty-two consecutive monitoring events below NMOCD regulatory limits. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-7 is sampled on a semi-annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each constituent during the 2nd and 4th quarter sampling event. Monitor well MW-7 has exhibited thirty-two consecutive monitoring events below NMOCD regulatory limits. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-8 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each constituent during the 4th quarter sampling event. Monitor well MW-8 has exhibited twenty-four consecutive monitoring events below NMOCD regulatory limits. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-9 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 1st, 3rd and 4th quarters to 0.0078 mg/L during the 2nd quarter of 2009. Benzene concentrations were below the NMOCD regulatory standard during all four quarters of the reporting period. Toluene concentrations were below the MDLs and NMOCD regulatory standard during the all four quarters of the reporting period. Ethyl-benzene concentrations ranged from <0.001 mg/L during the 1st quarter to 0.0201 mg/L during the 2nd and 3rd quarters of 2009. Ethyl-benzene concentrations were below the NMOCD regulatory standard during all four quarters of the reporting period. Xylene concentrations ranged from 0.004 mg/L during the 1st quarter to 0.0306 mg/L during the 2nd quarter of 2009. Xylene concentrations were below the 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 phenanthrene (0.00358 mg/L), which is below the WQCC Drinking Water Standards.

Monitor well MW-10 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 6.000 mg/L during the 2nd quarter to 6.820 mg/L during the 3rd quarter of 2009. Benzene concentrations were above the NMOCD regulatory standard during all four quarters of the reporting period. Toluene concentrations were below the MDL and below the NMOCD regulatory standard during all four quarters of the reporting period. Ethyl-benzene concentrations ranged from 1.070 mg/L during the 2nd quarter to 1.750 mg/L during the 4th quarter of 2009. Ethyl-benzene concentrations were above the NMOCD regulatory standard during all four quarters of the reporting period. Xylene concentrations ranged from 0.271 mg/L during the 1st quarter to 1.740 mg/L during the 2nd quarter of 2009. Xylene concentrations were above the NMOCD regulatory standard during the 2nd, 3rd and 4th quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for naphthalene (0.0474 mg/L), 1-methylnaphthalene (0.0934 mg/L) and 2-methylnaphthalene (0.0713 mg/L). Additional PAH constituents detected above MDLs include phenanthrene (0.0101 mg/L) and dibenzofuran (0.0125 mg/L), which are below the WQCC Drinking Water Standards.

Monitor well MW-11 is sampled on a quarterly schedule. Analytical results indicate benzene concentrations were below MDL and NMOCD regulatory standards during all four quarters of the reporting period. Toluene concentrations ranged from <0.001 mg/L during the 1st, 3rd and 4th quarters to 0.0096 mg/L during the 2nd quarter of 2009. Toluene concentrations were below the MDL the NMOCD regulatory standard during all four quarters of the reporting period. Ethyl-benzene concentrations ranged from <0.001 mg/L during the 1st, 3rd and 4th quarters to 0.0108 mg/L during the 2nd quarter of 2009. Ethyl-benzene concentrations were below the MDL the NMOCD regulatory standard during all four quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 1st, 3rd and 4th quarters to 0.0338 mg/L during the 2nd quarter of 2009. Xylene concentrations were below the MDL the NMOCD regulatory standard during all four quarters of the reporting period. Monitor well MW-11 has exhibited twenty consecutive monitoring events below NMOCD regulatory limits. 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 four groundwater monitoring and sampling events for the annual monitoring period of calendar year 2009. Currently, there are ten groundwater monitor wells (MW-1 through MW-3 and MW-5 through MW-11) onsite. The most recent inferred groundwater gradient indicates a general gradient of approximately 0.005 feet/foot to the southeast.

During the reporting period, no measurable thickness of PSH was detected in any of the site monitor wells.

Benzene concentrations were above NMOCD regulatory standards in three monitor wells (MW-1, MW-2 and MW-10) during the reporting period. Benzene concentrations were below NMOCD regulatory standards in seven monitor wells.

Toluene concentrations were below NMOCD regulatory standards for all ten monitor wells during the four quarters of the 2009 reporting period.

Ethyl-benzene concentrations were above NMOCD regulatory standards for three monitor wells. Monitor well MW-10 exhibited elevated concentrations above NMOCD regulatory standards during all four quarters of 2009. Monitor well MW-1 exhibited one quarter below and three quarters above NMOCD regulatory standards during 2009 and monitor well MW-2 exhibited two quarters above and two quarters below NMOCD regulatory standards during 2009. Ethyl-benzene concentrations were below NMOCD regulatory standards for seven monitor wells for the 2009 reporting period.

Xylene concentrations were above NMOCD regulatory standards for three monitor wells. Monitor well MW-10 exhibited three quarters above and one quarter below NMOCD regulatory standards and monitor wells MW-1 and MW-2 exhibited two quarters above and two quarters below NMOCD regulatory standards. Xylene concentrations were below NMOCD regulatory standards for seven monitor wells for the 2009 reporting period. Review of PAH analysis indicates a decreasing trend in constituent concentrations in monitor wells MW-1, MW-3, MW-9 and MW-10 and an increasing trend in MW-2.

ANTICIPATED ACTIONS

Plains will continue to monitor and perform quarterly groundwater sampling activities at the site. Based on the results of the PAH analysis over the past several years, NOVA recommends that further PAH analysis be conducted only on those monitor wells (MW-1, MW-2 and MW-10) which have historically exhibited elevated constituents near or above the WQCC standards.

An Annual Monitoring Report will be submitted to the NMOCD by April 1, 2011.

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

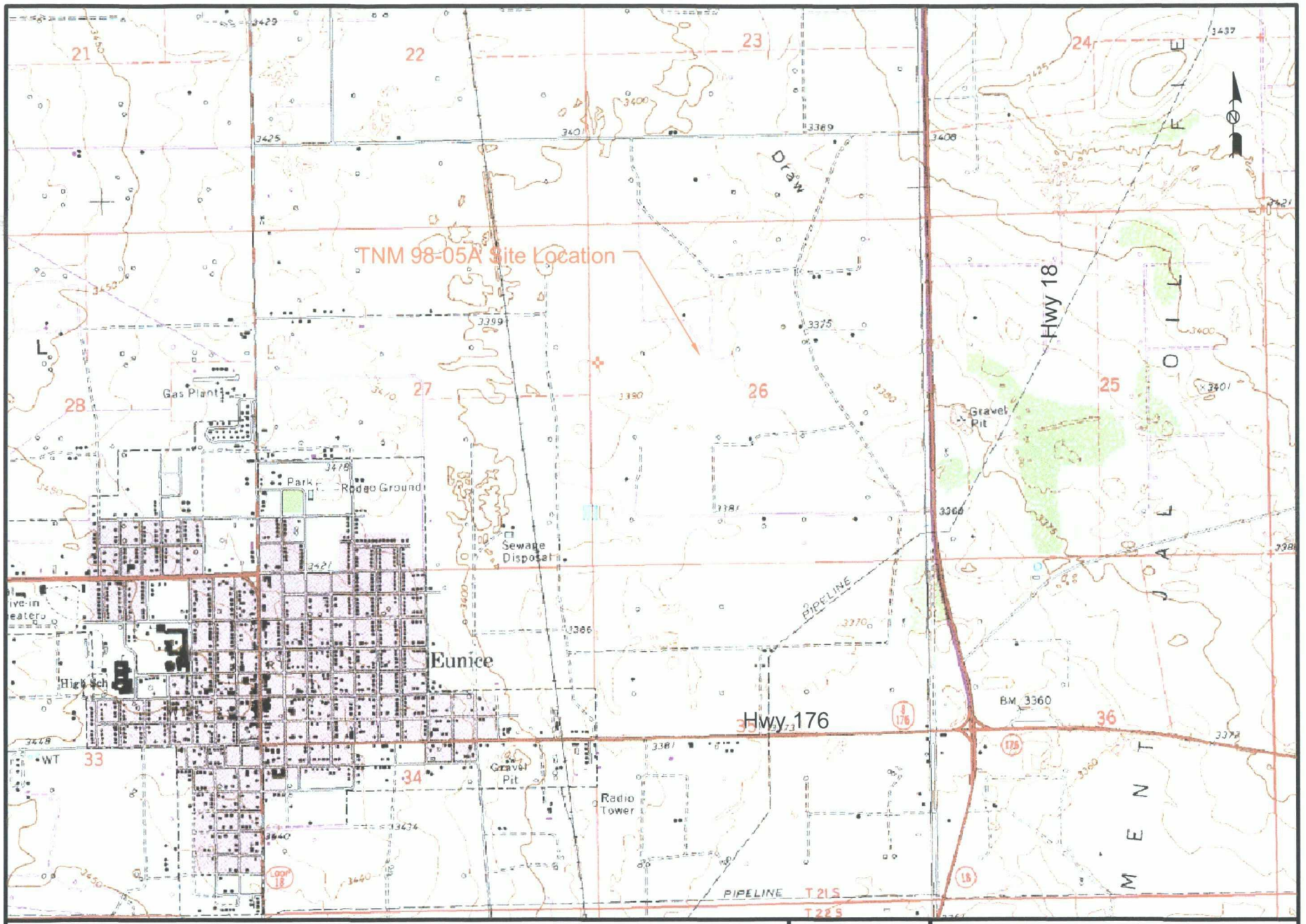


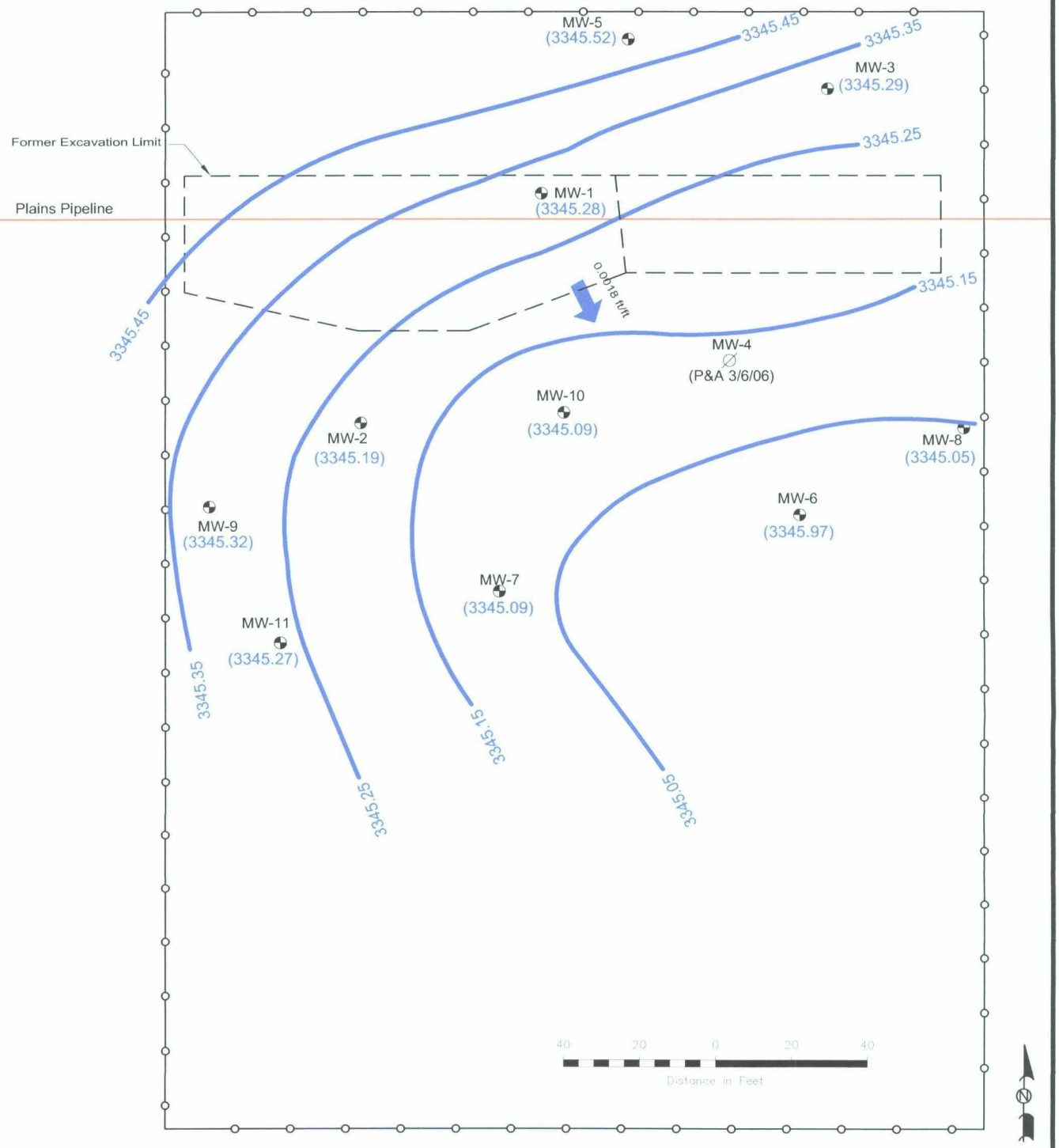
Figure 1
Site Location Map
Plains Marketing, L.P.
TNM 98-05A
Lea County, NM

NMOCD Reference # AP-12

NOVA Safety and Environmental

Scale: NTS	Prep By: CDS	Checked By: CE
February 24, 2005	NE1/4 NW1/4 Sec 26 T21S R37E	
Lat. N32° 27' 03.9" Long. W103° 08' 29.2"		

Note: MW-6 not used to determine gradient. Gradient measured between MW-1 and MW-8.
Contour Intervals: = 0.10'



Legend:

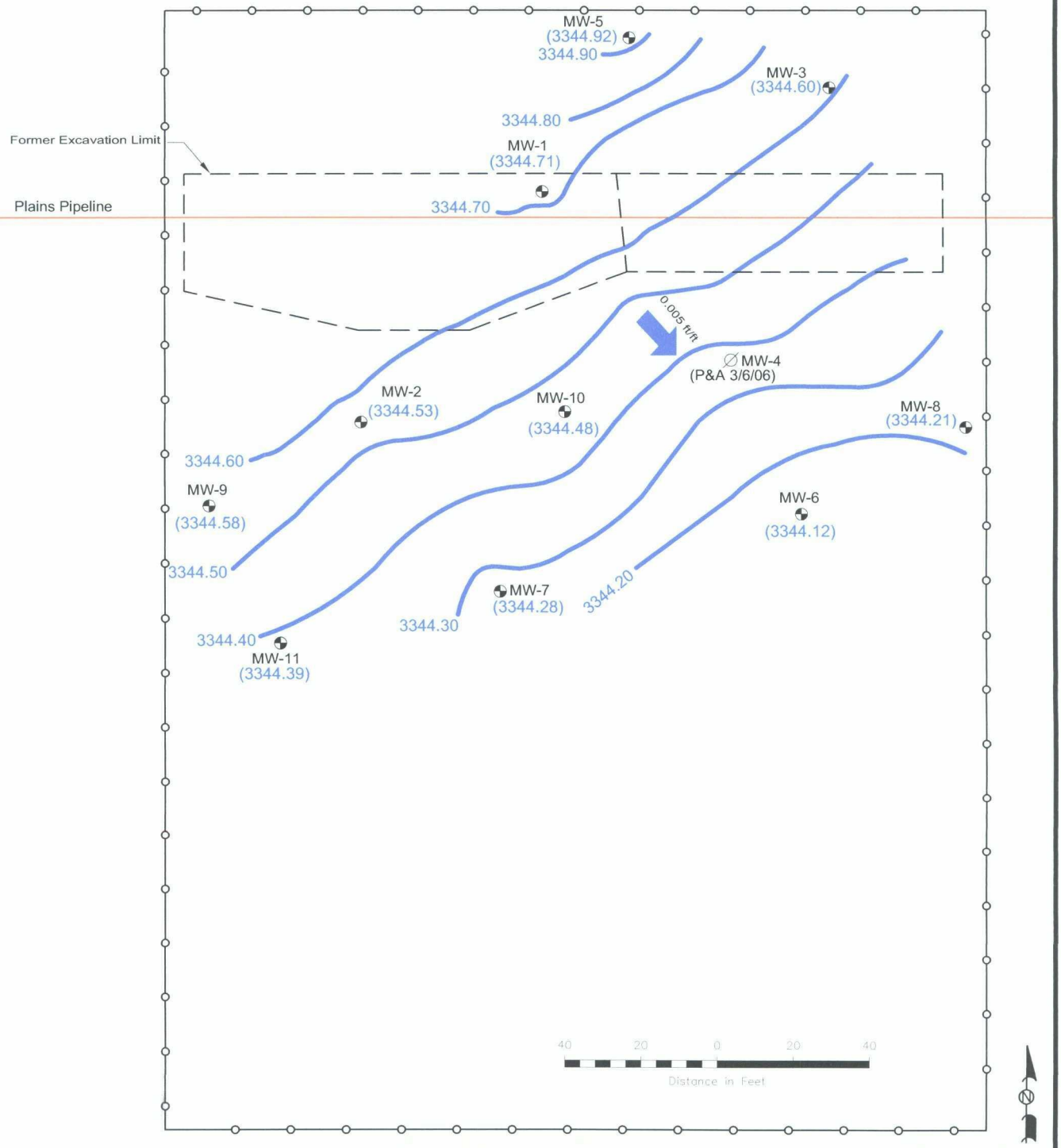
- Monitor Well Location
- Fence
- Pipeline
- Former Excavation Limits
- (3728.80) Groundwater Elevation (feet)
- Groundwater Elevation Contour Line
- 0.001 ft/ft Groundwater Gradient and Magnitude

Figure 2A
Inferred Groundwater Gradient Map
(02/18/2009)
Plains Marketing, L.P.
TNM98-05A
Lea County, NM
NMOCD Ref# AP-12

NOVA Safety and Environmental

NE1/4 NW1/4 Sec 26 T21S R37E		32° 27' 03.9"N 103° 08' 29.2"W
Scale: 1" = 40'	Cad By: SAT	Checked By: RKR
February 05, 2010		

Note: Groundwater Gradient measured between MW-1 and MW-6.
Contour Intervals: = 0.10'



Legend:

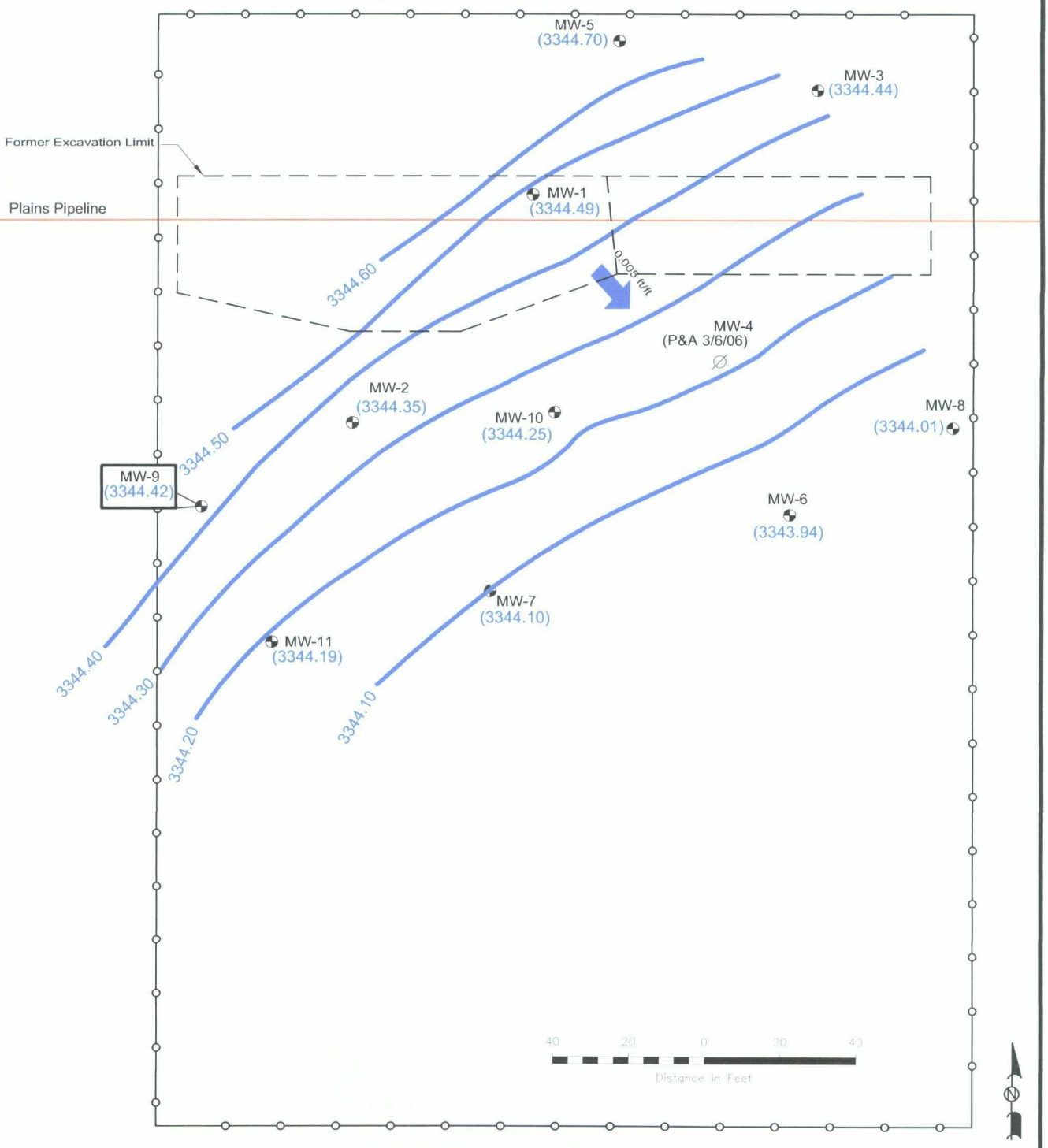
- Monitor Well Location
- Fence
- Pipeline
- Former Excavation Limits
- (3728.80) Groundwater Elevation (feet)
- Groundwater Elevation Contour Line
- 0.001 ft/ft Groundwater Gradient and Magnitude

Figure 2B
Inferred Groundwater
Groundwater Gradient Map
(05/19/2009)
Plains Marketing, L.P.
TNM98-05A
Lea County, NM
NMOCD Ref# AP-12

NOVA Safety and Environmental

NE1/4 NW1/4 Sec 26 T21S R37E		32° 27' 03.9"N 103° 08' 29.2"W
Scale: 1" = 40'	Prep By: SAT	Checked By: TJL
June 4, 2009		

Note: Groundwater Gradient measured between MW-1 and MW-6.
Contour Intervals: = 0.10'



Legend:

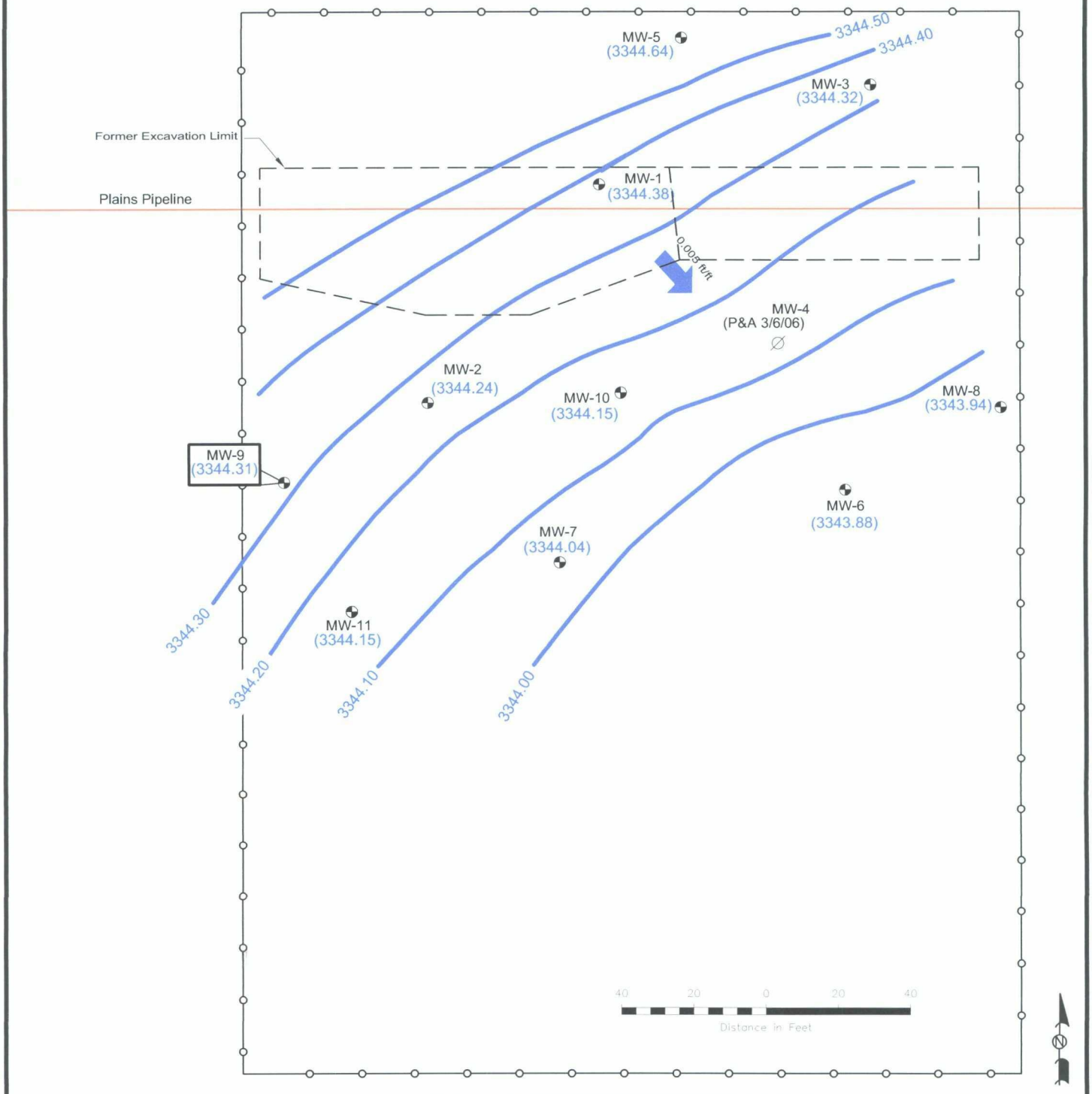
- Monitor Well Location
- Fence
- Pipeline
- Former Excavation Limits
- (3728.80) Groundwater Elevation (feet)
- Groundwater Elevation Contour Line
- 0.001 ft/ft Groundwater Gradient and Magnitude

Figure 2C
Inferred Groundwater
Groundwater Gradient Map
(08/13/2009)
Plains Marketing, L.P.
TNM98-05A
Lea County, NM
NMOCD Ref# AP-12

NOVA Safety and Environmental

NE1/4 NW1/4 Sec 26 T21S R37E		32° 27' 03.9"N 103° 08' 29.2"W
Scale: 1" = 40'	Prep By: SAT	Checked By: RKR
October 14, 2009		

Note: Groundwater Gradient measured between MW-1 and MW-6.
Contour Intervals: = 0.10'



Legend:

- Monitor Well Location
- Fence
- Pipeline
- Former Excavation Limits
- (3728.80) Groundwater Elevation (feet)
- Groundwater Elevation Contour Line
- 0.001 ft/ft Groundwater Gradient and Magnitude

Figure 2D
Inferred Groundwater
Groundwater Gradient Map
(11/11/2009)
Plains Marketing, L.P.
TNM98-05A
Lea County, NM
NMOCD Ref# AP-12

NOVA Safety and Environmental

NE1/4 NW1/4 Sec 26 T21S R37E		32° 27' 03.9"N 103° 08' 29.2"W
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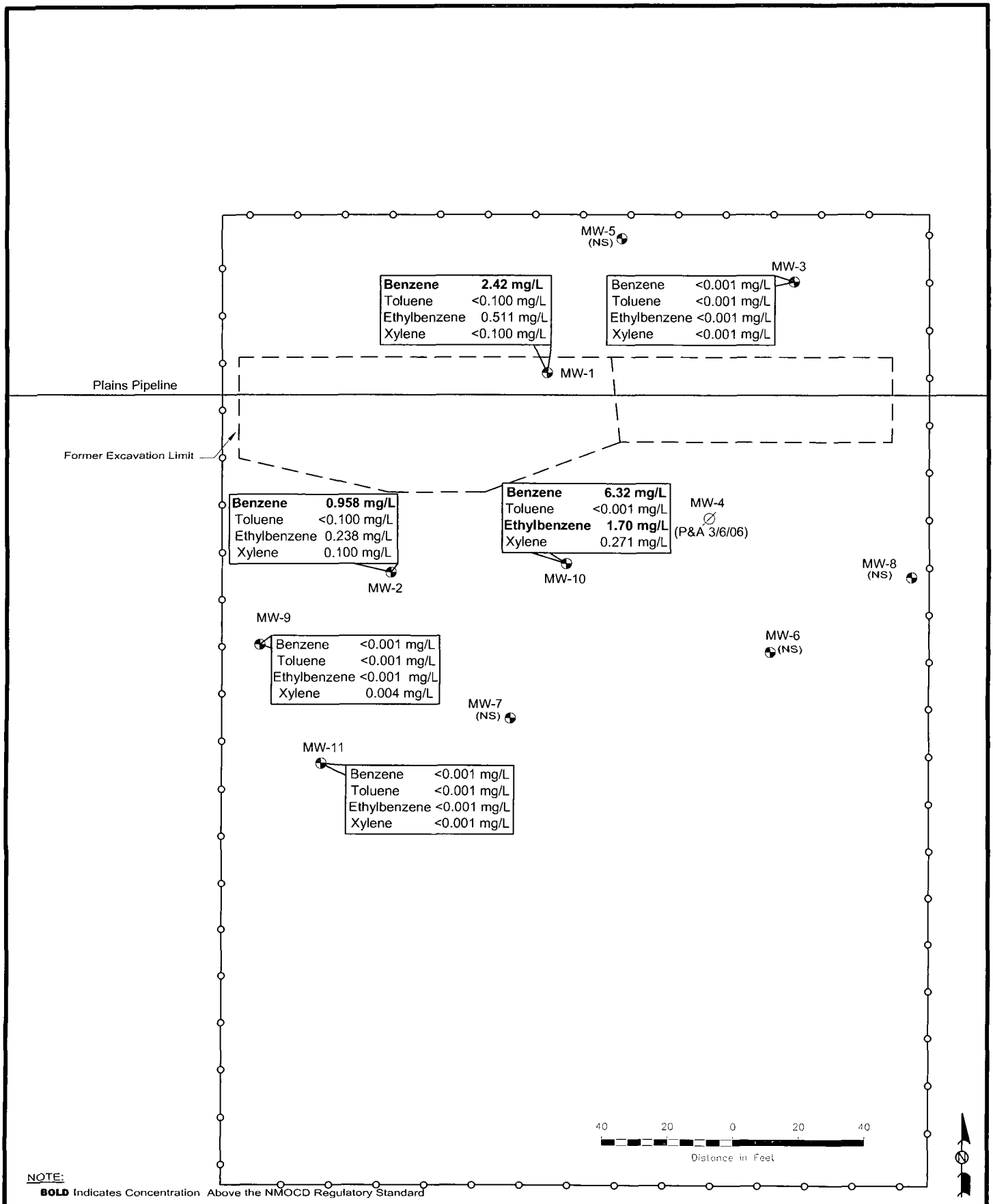
February 08, 2010		



NOTE:
BOLD Indicates Concentration Above the NMOCD Regulatory Standard

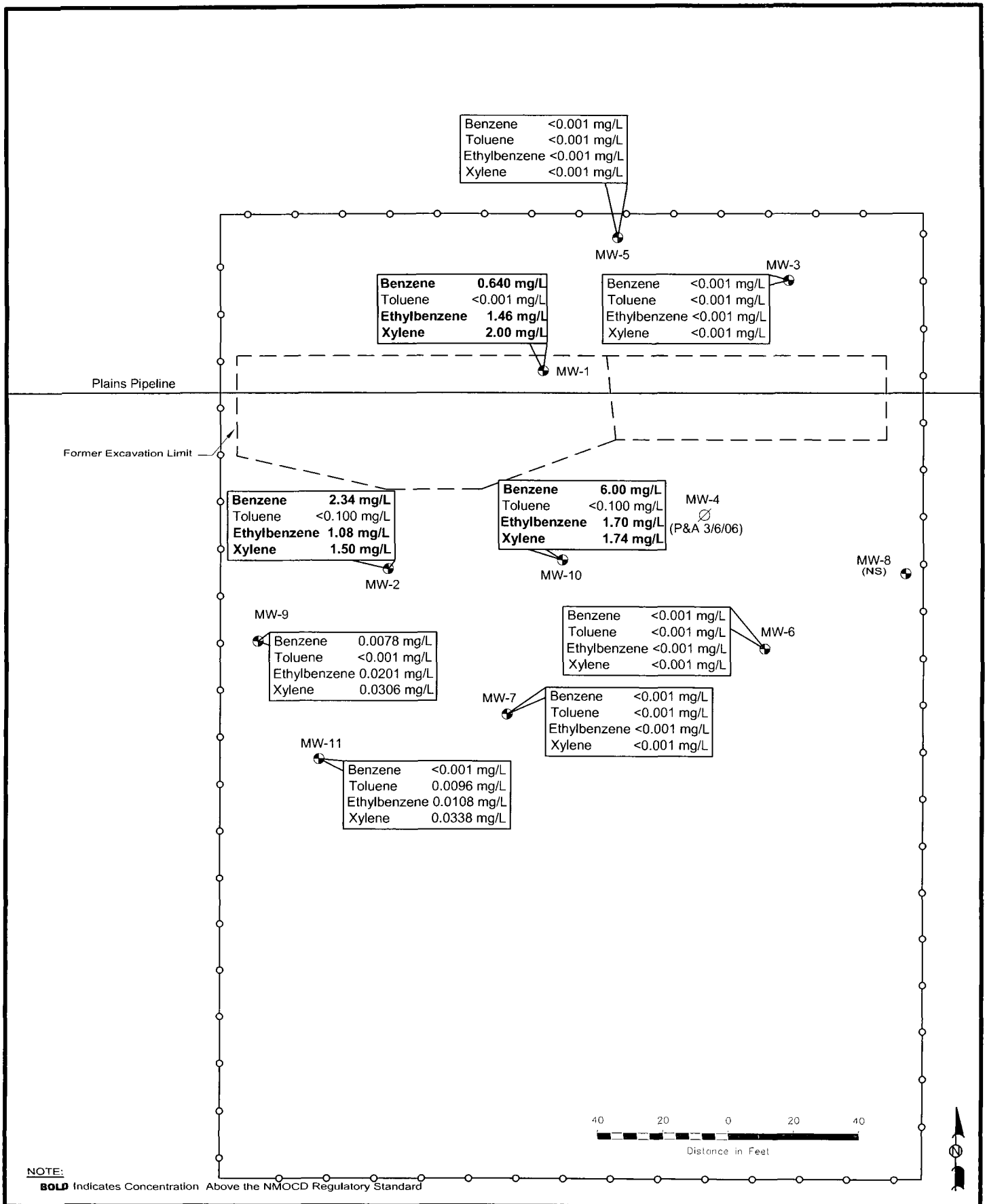
Legend:
- Monitor Well Location
- Plugged and Abandoned
- Former Excavation Limits
- Fence
- <0.001 Constituent Concentration in mg/L
- (NS) Not Sampled

Figure 3A
Groundwater Concentration and Inferred PSH Extent
(02/18/2009)
Plains Marketing, L.P.
TNM98-05A
Lea County, NM
NMOCD Ref# AP-12

NOVA Safety and Environmental

NOVA safety and environmental

NE1/4 NW1/4 Sec 26 T21S R37E	32° 27' 03.9"N 103° 08' 29.2"W	
Scale: 1" = 40'	CAD By: SAT	Checked By: TJL
June 4, 2009		



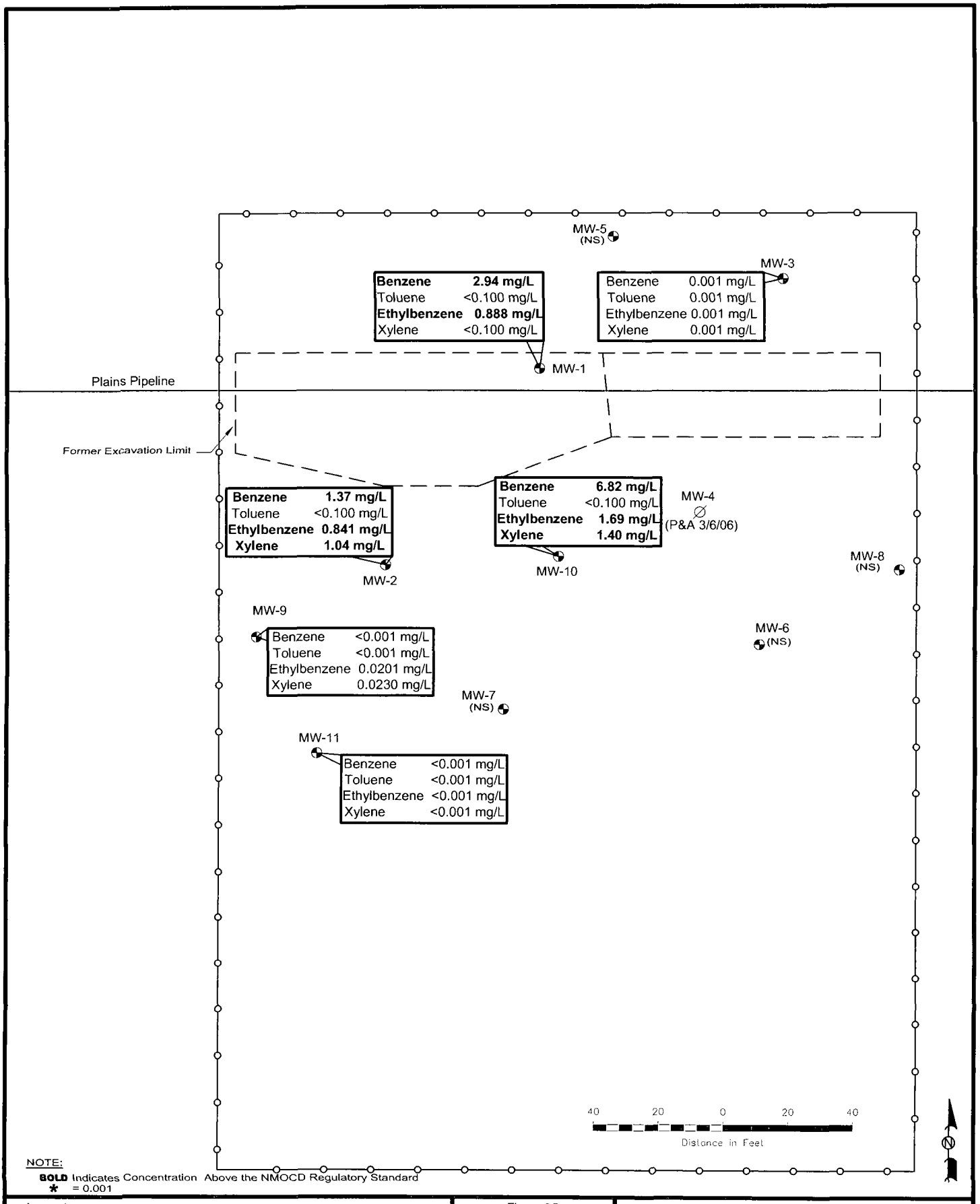
NOTE:
BOLD Indicates Concentration Above the NMOCD Regulatory Standard

Legend:
- Monitor Well Location
- Plugged and Abandoned
- Former Excavation Limits
- Fence
- <0.001 Constituent Concentration in mg/L
- (NS) Not Sampled

Figure 3B
Groundwater Concentration and Inferred PSH Extent (05/19/2009)
Plains Marketing, L.P.
TNM98-05A
Lea County, NM
NMOCD Ref# AP-12

NOVA Safety and Environmental

NE1/4 NW1/4 Sec 26 T21S R37E		32° 27' 03.9"N 103° 08' 29.2"W
Scale: 1" = 40'	CAD By: SAT	Checked By: RKR
February 05, 2010		



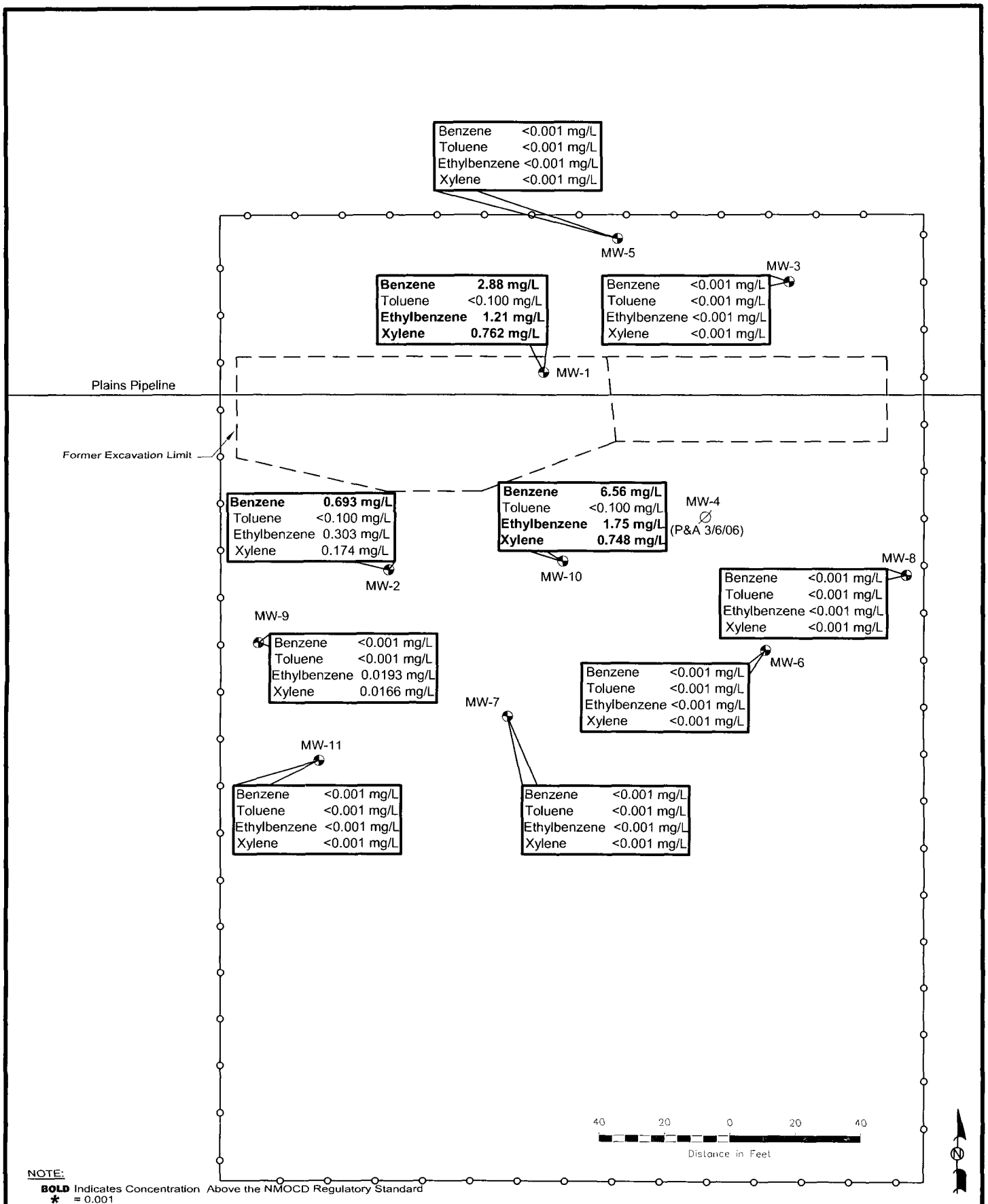
NOTE:
BOLD Indicates Concentration Above the NMOCD Regulatory Standard
* = 0.001

Legend:
- Monitor Well Location
- Plugged and Abandoned
- Former Excavation Limits
- Fence
- <0.001 Constituent Concentration in mg/L
- (NS) Not Sampled

Figure 3C
Groundwater Concentration and Inferred PSH Extent
(08/13/2009)
Plains Marketing, L.P.
TNM98-05A
Lea County, NM
NMOCD Ref# AP-12

NOVA Safety and Environmental

NE1/4 NW1/4 Sec 26 T21S R37E	32° 27' 03.9"N 103° 08' 29.2"W	
Scale: 1" = 40'	CAD By: SAT	Checked By: RKR
October 16, 2009		



NOTE:
BOLD Indicates Concentration Above the NMOCD Regulatory Standard
* = 0.001

Legend:
- Monitor Well Location
- Plugged and Abandoned
- Former Excavation Limits
- Fence
- <0.001 Constituent Concentration in mg/L
- (NS) Not Sampled

Figure 3D
Groundwater Concentration and Inferred PSH Extent
(11/11/2009)
Plains Marketing, L.P.
TNM98-05A
Lea County, NM
NMOCD Ref# AP-12

NOVA Safety and Environmental

NOVA safety and environmental

NE1/4 NW1/4 Sec 26 T21S R37E		32° 27' 03.9"N 103° 08' 29.2"W
Scale: 1" = 40'	CAD By: SAT	Checked By: RKR
February 05, 2010		

Tables

TABLE 1

2009 - GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-12

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	*02/18/09*	3391.62	-	46.34	0.00	3,345.28
MW - 1	03/03/09	3391.62	-	46.19	0.00	3,345.43
MW - 1	03/10/09	3391.62	-	46.43	0.00	3,345.19
MW - 1	03/18/09	3391.62	-	46.55	0.00	3,345.07
MW - 1	03/27/09	3391.62	-	46.55	0.00	3,345.07
MW - 1	04/07/09	3391.62	-	46.69	0.00	3,344.93
MW - 1	04/14/09	3391.62	-	46.75	0.00	3,344.87
MW - 1	04/28/09	3391.62	-	46.83	0.00	3,344.79
MW - 1	*05/19/09*	3391.62	-	46.91	0.00	3,344.71
MW - 1	05/27/09	3391.62	-	47.04	0.00	3,344.58
MW - 1	06/04/09	3391.62	-	47.02	0.00	3,344.60
MW - 1	06/12/09	3391.62	-	47.08	0.00	3,344.54
MW - 1	06/18/09	3391.62	-	47.12	0.00	3,344.50
MW - 1	06/30/09	3391.62	-	46.20	0.00	3,345.42
MW - 1	07/07/09	3391.62	-	47.14	0.00	3,344.48
MW - 1	07/14/09	3391.62	-	47.15	0.00	3,344.47
MW - 1	07/21/09	3391.62	-	47.21	0.00	3,344.41
MW - 1	07/28/09	3391.62	-	47.14	0.00	3,344.48
MW - 1	08/07/09	3391.62	-	47.16	0.00	3,344.46
MW - 1	*08/13/09*	3391.62	-	47.13	0.00	3,344.49
MW - 1	08/21/09	3391.62	-	47.17	0.00	3,344.45
MW - 1	08/27/09	3391.62	-	47.21	0.00	3,344.41
MW - 1	09/10/09	3391.62	-	47.20	0.00	3,344.42
MW - 1	09/18/09	3391.62	-	47.22	0.00	3,344.40
MW - 1	09/29/09	3391.62	-	47.16	0.00	3,344.46
MW - 1	10/06/09	3391.62	-	47.17	0.00	3,344.45
MW - 1	10/20/09	3391.62	-	47.16	0.00	3,344.46
MW - 1	10/27/09	3391.62	-	47.17	0.00	3,344.45
MW - 1	*11/11/09*	3391.62	-	47.24	0.00	3,344.38
MW - 2	*02/18/09*	3390.85	-	45.66	0.00	3,345.19
MW - 2	03/03/09	3390.85	-	45.65	0.00	3,345.20
MW - 2	03/10/09	3390.85	-	45.83	0.00	3,345.02
MW - 2	03/18/09	3390.85	-	45.91	0.00	3,344.94
MW - 2	03/27/09	3390.85	-	45.92	0.00	3,344.93
MW - 2	04/07/09	3390.85	-	46.09	0.00	3,344.76
MW - 2	04/14/09	3390.85	-	46.12	0.00	3,344.73
MW - 2	04/28/09	3390.85	-	46.22	0.00	3,344.63
MW - 2	*05/19/09*	3390.85	-	46.32	0.00	3,344.53
MW - 2	05/27/09	3390.85	-	46.42	0.00	3,344.43
MW - 2	06/04/09	3390.85	-	46.41	0.00	3,344.44
MW - 2	06/12/09	3390.85	-	46.46	0.00	3,344.39
MW - 2	06/18/09	3390.85	-	46.52	0.00	3,344.33
MW - 2	06/30/09	3390.85	-	45.63	0.00	3,345.22
MW - 2	07/07/09	3390.85	-	46.52	0.00	3,344.33
MW - 2	07/14/09	3390.85	-	46.53	0.00	3,344.32
MW - 2	07/21/09	3390.85	-	46.58	0.00	3,344.27
MW - 2	07/28/09	3390.85	-	46.51	0.00	3,344.34
MW - 2	08/07/09	3390.85	-	46.53	0.00	3,344.32
MW - 2	*08/13/09*	3390.85	-	46.50	0.00	3,344.35
MW - 2	08/21/09	3390.85	-	46.53	0.00	3,344.32
MW - 2	08/27/09	3390.85	-	46.56	0.00	3,344.29
MW - 2	09/10/09	3390.85	-	46.56	0.00	3,344.29
MW - 2	09/18/09	3390.85	-	46.54	0.00	3,344.31
MW - 2	09/29/09	3390.85	-	46.53	0.00	3,344.32
MW - 2	10/06/09	3390.85	-	46.54	0.00	3,344.31
MW - 2	10/20/09	3390.85	-	46.55	0.00	3,344.30
MW - 2	10/27/09	3390.85	-	46.56	0.00	3,344.29
MW - 2	*11/11/09*	3390.85	-	46.61	0.00	3,344.24

TABLE 1

2009 - GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-12

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 3	*02/18/09*	3391.08	-	45.79	0.00	3,345.29
MW - 3	*05/19/09*	3391.08	-	46.48	0.00	3,344.60
MW - 3	07/07/09	3391.08	-	46.64	0.00	3,344.44
MW - 3	07/14/09	3391.08	-	46.66	0.00	3,344.42
MW - 3	07/28/09	3391.08	-	46.65	0.00	3,344.43
MW - 3	08/07/09	3391.08	-	46.66	0.00	3,344.42
MW - 3	*08/13/09*	3391.08	-	46.64	0.00	3,344.44
MW - 3	09/10/09	3391.08	-	46.72	0.00	3,344.36
MW - 3	09/18/09	3391.08	-	46.76	0.00	3,344.32
MW - 3	09/29/09	3391.08	-	46.66	0.00	3,344.42
MW - 3	10/06/09	3391.08	-	46.68	0.00	3,344.40
MW - 3	10/20/09	3391.08	-	46.69	0.00	3,344.39
MW - 3	10/27/09	3391.08	-	46.68	0.00	3,344.40
MW - 3	*11/11/09*	3391.08	-	46.76	0.00	3,344.32
MW - 5	*02/18/09*	3391.53	-	46.01	0.00	3,345.52
MW - 5	*05/19/09*	3391.53	-	46.61	0.00	3,344.92
MW - 5	*08/13/09*	3391.53	-	46.83	0.00	3,344.70
MW - 5	*11/11/09*	3391.53	-	46.89	0.00	3,344.64
MW - 6	*02/18/09*	3391.14	-	45.17	0.00	3,345.97
MW - 6	*05/19/09*	3391.14	-	47.02	0.00	3,344.12
MW - 6	*08/13/09*	3391.14	-	47.20	0.00	3,343.94
MW - 6	*11/11/09*	3391.14	-	47.26	0.00	3,343.88
MW - 7	*02/18/09*	3391.21	-	46.12	0.00	3,345.09
MW - 7	*05/19/09*	3391.21	-	46.93	0.00	3,344.28
MW - 7	*08/13/09*	3391.21	-	47.11	0.00	3,344.10
MW - 7	*11/11/09*	3391.21	-	47.17	0.00	3,344.04
MW - 8	*02/18/09*	3391.14	-	46.09	0.00	3,345.05
MW - 8	*05/19/09*	3391.14	-	46.93	0.00	3,344.21
MW - 8	*08/13/09*	3391.14	-	47.13	0.00	3,344.01
MW - 8	*11/11/09*	3391.14	-	47.20	0.00	3,343.94
MW - 9	*02/18/09*	3391.47	-	46.15	0.00	3,345.32
MW - 9	03/03/09	3391.47	-	46.28	0.00	3,345.19
MW - 9	03/10/09	3391.47	-	46.38	0.00	3,345.09
MW - 9	03/18/09	3391.47	-	46.44	0.00	3,345.03
MW - 9	03/27/09	3391.47	-	46.45	0.00	3,345.02
MW - 9	04/07/09	3391.47	-	46.62	0.00	3,344.85
MW - 9	04/14/09	3391.47	-	46.64	0.00	3,344.83
MW - 9	04/28/09	3391.47	-	46.77	0.00	3,344.70
MW - 9	*05/19/09*	3391.47	-	46.89	0.00	3,344.58
MW - 9	06/18/09	3391.47	-	47.09	0.00	3,344.38
MW - 9	06/30/09	3391.47	-	46.26	0.00	3,345.21
MW - 9	07/07/09	3391.47	-	47.09	0.00	3,344.38
MW - 9	07/14/09	3391.47	-	47.10	0.00	3,344.37
MW - 9	07/28/09	3391.47	-	47.12	0.00	3,344.35
MW - 9	08/07/09	3391.47	-	47.14	0.00	3,344.33
MW - 9	*08/13/09*	3391.47	-	47.05	0.00	3,344.42
MW - 9	09/10/09	3391.47	-	47.10	0.00	3,344.37
MW - 9	09/18/09	3391.47	-	47.17	0.00	3,344.30
MW - 9	09/29/09	3391.47	-	47.14	0.00	3,344.33
MW - 9	10/06/09	3391.47	-	47.13	0.00	3,344.34
MW - 9	10/20/09	3391.47	-	47.11	0.00	3,344.36
MW - 9	10/27/09	3391.47	-	47.10	0.00	3,344.37
MW - 9	*11/11/09*	3391.47	-	47.16	0.00	3,344.31

TABLE 1

2009 - GROUNDWATER ELEVATION DATA

PLAINS MARKETING, LP
TNM 98-05A
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-12

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 10	*02/18/09*	3391.26	-	46.17	0.00	3,345.09
MW - 10	03/03/09	3391.26	-	46.11	0.00	3,345.15
MW - 10	*03/10/09*	3391.26	-	46.29	0.00	3,344.97
MW - 10	03/18/09	3391.26	-	46.38	0.00	3,344.88
MW - 10	03/27/09	3391.26	-	46.44	0.00	3,344.82
MW - 10	04/07/09	3391.26	-	46.54	0.00	3,344.72
MW - 10	04/14/09	3391.26	-	45.59	0.00	3,345.67
MW - 10	04/28/09	3391.26	-	46.68	0.00	3,344.58
MW - 10	*05/19/09*	3391.26	-	46.78	0.00	3,344.48
MW - 10	05/27/09	3391.26	-	46.86	0.00	3,344.40
MW - 10	06/04/09	3391.26	-	46.87	0.00	3,344.39
MW - 10	06/12/09	3391.26	-	46.93	0.00	3,344.33
MW - 10	06/18/09	3391.26	-	46.96	0.00	3,344.30
MW - 10	06/30/09	3391.26	-	46.13	0.00	3,345.13
MW - 10	07/07/09	3391.26	-	47.02	0.00	3,344.24
MW - 10	07/14/09	3391.26	-	47.04	0.00	3,344.22
MW - 10	07/21/09	3391.26	-	47.05	0.00	3,344.21
MW - 10	07/28/09	3391.26	-	47.04	0.00	3,344.22
MW - 10	08/07/09	3391.26	-	47.05	0.00	3,344.21
MW - 10	*08/13/09*	3391.26	-	47.01	0.00	3,344.25
MW - 10	08/21/09	3391.26	-	47.04	0.00	3,344.22
MW - 10	08/27/09	3391.26	-	47.08	0.00	3,344.18
MW - 10	09/10/09	3391.26	-	47.06	0.00	3,344.20
MW - 10	09/18/09	3391.26	-	47.09	0.00	3,344.17
MW - 10	09/29/09	3391.26	-	47.05	0.00	3,344.21
MW - 10	10/06/09	3391.26	-	47.07	0.00	3,344.19
MW - 10	10/20/09	3391.26	-	47.10	0.00	3,344.16
MW - 10	10/27/09	3391.26	-	47.11	0.00	3,344.15
MW - 10	*11/11/09*	3391.26	-	47.11	0.00	3,344.15
MW - 11	*02/18/09*	3390.73	-	45.46	0.00	3,345.27
MW - 11	*05/19/09*	3390.73	-	46.34	0.00	3,344.39
MW - 11	*08/13/09*	3390.73	-	46.54	0.00	3,344.19
MW - 11	*11/11/09*	3390.73	-	46.58	0.00	3,344.15

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

TABLE 2

2009 - CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 98-05 A
LEA COUNTY, NEW MEXICO
NMOCD Reference #AP-12

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD Regulatory Limit		**0.0100**	**0.7500**	**0.7500**	**0.6200**	
MW - 1	02/18/09	**2.420**	<0.001	0.511	<0.100	
MW - 1	05/19/09	**0.640**	<0.001	**1.460**	**2.000**	
MW - 1	08/13/09	**2.940**	<0.100	**0.888**	<0.100	
MW - 1	11/11/09	**2.880**	<0.100	**1.210**	**0.762**	
MW - 2	02/18/09	**0.958**	<0.100	0.238	0.100	
MW - 2	05/19/09	**2.340**	<0.100	**1.080**	**1.500**	
MW - 2	08/13/09	**1.370**	<0.100	**0.841**	**1.040**	
MW - 2	11/11/09	**0.693**	<0.100	0.303	0.174	
MW - 3	02/18/09	<0.001	<0.001	<0.001	<0.001	
MW - 3	05/19/09	<0.001	<0.001	<0.001	<0.001	
MW - 3	08/13/09	<0.001	<0.001	<0.001	<0.001	
MW - 3	11/11/09	<0.001	<0.001	<0.001	<0.001	
MW - 5	02/18/09	Not Sampled due to sample reduction				
MW - 5	05/19/09	<0.001	<0.001	<0.001	<0.001	
MW - 5	08/13/09	Not Sampled due to sample reduction				
MW - 5	11/11/09	<0.001	<0.001	<0.001	<0.001	
MW - 6	02/18/09	Not Sampled due to sample reduction				
MW - 6	05/19/09	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/13/09	Not Sampled due to sample reduction				
MW - 6	11/11/09	<0.001	<0.001	<0.001	<0.001	
MW - 7	02/18/09	Not Sampled due to sample reduction				
MW - 7	05/19/09	<0.001	<0.001	<0.001	<0.001	
MW - 7	08/13/09	Not Sampled due to sample reduction				
MW - 7	11/11/09	<0.001	<0.001	<0.001	<0.001	
MW - 8	02/18/09	Not Sampled due to sample reduction				
MW - 8	05/19/09	Not Sampled due to sample reduction				
MW - 8	08/13/09	Not Sampled due to sample reduction				
MW - 8	11/11/09	<0.001	<0.001	<0.001	<0.001	
MW - 9	02/18/09	<0.001	<0.001	<0.001	0.0040	
MW - 9	05/19/09	0.0078	<0.001	0.0201	0.0306	
MW - 9	08/13/09	<0.001	<0.001	0.0201	0.0230	
MW - 9	11/11/09	<0.001	<0.001	0.0193	0.0166	

TABLE 2

2009 - CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 98-05 A
LEA COUNTY, NEW MEXICO
NMOCD Reference #AP-12

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD Regulatory Limit		**0.0100**	**0.7500**	**0.7500**	**0.6200**	
MW - 10	02/18/09	**6.320**	<0.001	**1.070**	0.271	
MW - 10	05/19/09	**6.000**	<0.100	**1.700**	**1.740**	
MW - 10	08/13/09	**6.820**	<0.100	**1.690**	**1.400**	
MW - 10	11/11/09	**6.560**	<0.100	**1.750**	**0.748**	
MW - 11	02/18/09	<0.001	<0.001	<0.001	<0.001	
MW - 11	05/19/09	<0.001	0.0096	0.0108	0.0338	
MW - 11	08/13/09	<0.001	<0.001	<0.001	<0.001	
MW - 11	11/11/09	<0.001	<0.001	<0.001	<0.001	

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

TABLE 3

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 98-05A
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER AP-12

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	11/19/08	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	0.00193	<0.000917	<0.000917	0.0104	<0.000917	**0.047**	0.014	<0.000917	**0.0806**	**0.0587**	0.0152
	11/11/09	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	0.0257	0.0110	<0.000917	**0.0706**	**0.0474**	0.0103
MW-2	11/19/08	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.00525	<0.000922	0.0163	0.00739	<0.000922	**0.0252**	**0.0335**	0.00806
	11/11/09	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	**0.0488**	0.0114	<0.000922	**0.0930**	**0.0735**	0.0116
MW-3	11/19/08	<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	0.00022	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
	11/11/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-5	11/19/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
	11/11/09	<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-6	11/19/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
	11/11/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
MW-7	11/19/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
	11/11/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-8	11/19/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
	11/11/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-9	11/19/08	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	<0.000935	0.00427	<0.000935	0.00202	0.00553	<0.000935	0.00876	0.00297	0.00586
	11/11/09	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.00358	<0.000922	<0.000922	<0.000922	<0.000922
MW-10	11/19/08	<0.00367	<0.00367	<0.00367	<0.00367	<0.00367	<0.00367	<0.00367	<0.00367	<0.00367	<0.00367	<0.00367	0.050	<0.00367	**0.175**	0.0652	<0.00367	**0.412**	**0.380**	0.0765
	11/11/09	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	**0.0474**	0.0101	<0.000922	**0.0934**	**0.0713**	0.0125
MW-11	11/19/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
	11/11/09	<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

Appendices

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

District I - (505) 393-6161
P. O. Box 1980
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 South First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

98-05A

Form C-141
Originated 2/13/97

Submit 2 copies to Appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action
OPERATOR

☒ Initial Report ☐ Final Report

Name	Contact
Texas-New Mexico Pipe Line Company	Edwin H. Gripp
Address	**Telephone No.**
Box 60028	915-947-9000
Facility Name	**Facility Type**
San Angelo, TX 76906	pipe line

Surface Owner	Mineral Owner	Lease No.
Nadine Owen		

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	26	21S	37E					Lea

NATURE OF RELEASE

Type of Release	Volume of Release	Volume Recovered
Sour Crude	38 barrels	4 barrels
Source of Release	**Date and Hour of Occurrence**	**Date and Hour of Discovery**
6" gathering line	Unknown	2/5/98; 10:25 a.m.
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	**If YES, To Whom?** Linda Williams (Clerk #4)	
By Whom? Johnny W. Chapman	**Date and Hour** 2/5/98; 3:00 p.m.	
Was a Watercourse Reached? ☐ Yes ☒ No	**If YES, Volume Impacting the Watercourse.** N/A	

If a Watercourse was Impacted, Describe Fully.*
N/A

Describe Cause of Problem and Remedial Action Taken.*
Internal Corrosion
Leak successfully clamped off.

Describe Area Affected and Cleanup Action Taken.*
Approximately 1260 sq.ft. pasture land.
Contaminated soil will be excavated and put on plastic.

Describe General Conditions Prevailing (Temperature, Precipitation, etc.).*
Cloudy; 60 degrees

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: Edwin H. Gripp

Printed Name: Edwin H. Gripp

Title: District Manager

Date: 2/12/98 Phone: 915-947-9000

OIL CONSERVATION DIVISION

Approved by District Supervisor

Approval Date: Expiration Date:

Conditions of Approval: Attached ☐

* Attach Additional Sheets If Necessary

State Corp. Commission Hazardous Waste Section