1R - 124

Annual GW Mon. REPORTS

DATE:

2009

2009
ANNUAL MONITORING REPORT

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Environmental Bureau
Oil Conservation Division

MONUMENT 18

NW ¼ NW ¼ SECTION 7, TOWNSHIP 20 SOUTH, RANGE 37 EAST
LEA COUNTY, NEW MEXICO
PLAINS SRS NUMBER: TNM MONUMENT 18-KNOWN
NMOCD Reference 1R-0124

Prepared For:

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Prepared By:

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February 2010

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Senior Project Manager

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President

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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 Monument 18 Site (the site), formally the responsibility of Enron Oil Trading and Transportation (EOTT), is now the responsibility of Plains. This report is intended to be viewed as a complete document with figures, attachments, tables and text. The report presents the results of the quarterly groundwater monitoring events conducted in calendar year 2009 only. For reference, the Site Location Map is provided as Figure 1. Cumulative tables and laboratory data are provided on the enclosed data disk.

Groundwater monitoring was conducted each quarter of 2009 to assess the levels and extent of dissolved phase constituents and Phase Separated Hydrocarbon (PSH). The groundwater monitoring events consisted of measuring static water levels in the monitor wells, checking for the presence of PSH and purging and sampling of each well exhibiting sufficient recharge. Monitor wells containing a thickness of PSH greater than 0.01 foot were sampled as per a NMOCD directive.

SITE DESCRIPTION AND BACKGROUND INFORMATION

The legal description of the site is NW ¼ NW ¼, Section 7, Township 20 South, Range 37 East, Lea County, New Mexico. No information with respect to the release date or volume of crude oil released and recovered is available as the release occurred while the pipeline was operated by Texas New Mexico Pipeline Company (TNM). The Release Notification and Corrective Action Form (C-141) is provided as Appendix A.

Currently, there are nine monitor wells (MW-1 and MW-3 through MW-10) on site. Manual recovery of PSH is performed on a weekly schedule.

FIELD ACTIVITIES

Product Recovery Efforts

A measurable thickness of PSH was present in monitor well MW-4 during the 1st and 4th quarter of the reporting period. The average PSH thickness in monitor well MW-4 was 0.21 feet. PSH data for the 2009 gauging events can be found in Table 1. Approximately 10 gallons (approximately 0.24 barrels) of PSH was recovered from the site during the 2009 reporting period. Approximately 315 gallons (7.5 barrels) of PSH have been recovered since project inception. Recovery of PSH at the site is by manual recovery methods and is monitored on a weekly schedule.

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 amend by NMOCD correspondence dated June 22, 2005.

NMOCD APPROVED SAMPLING SCHEDULE			
Location	**Schedule**	**Location**	**Schedule**
MW-1	Quarterly	MW-6	Annually
MW-2	Plugged and Abandoned	MW-7	Annually
MW-3	Quarterly	MW-8	Annually
MW-4	Quarterly	MW-9	Quarterly
MW-5	Semi-Annually	MW-10	Quarterly

The site monitor wells were gauged and sampled on February 3, May 6, August 3, and November 4, 2009. 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 disposable polyethylene bailer or electrical Grundfos pump. Groundwater was allowed to recharge and samples were obtained using disposable Teflon samplers. Water samples were collected in clean glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of at a licensed disposal facility.

Locations of the monitor wells and the inferred groundwater gradient, which were constructed from measurements collected during the four quarterly monitoring events, are depicted on Figures 2A through 2D, the Inferred Groundwater Gradient Maps. Groundwater elevation data for 2009 is provided as Table 1. Historic groundwater elevation data beginning at project inception is provided on the enclosed data disk.

The most recent Groundwater Gradient Map, Figure 2D, indicates a general gradient of approximately 0.0012 feet/foot to the southeast. This is consistent with data presented on Figures 2A through 2C from earlier in the year. The corrected groundwater elevations ranged between 3,521.81 to 3,527.96 feet above mean sea level, in monitor well MW-3 on March 25, 2009 and in monitor well MW-4 on February 17, 2009, respectively.

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. Monitoring wells containing measurable amounts of PSH were analyzed for Total Petroleum Hydrocarbons (TPH) concentrations by EPA Method 8015M. A listing of BTEX and TPH constituent concentrations for 2009 are summarized in Table 2 and the PAH constituent concentrations for 2009 are summarized in Table 3. Copies of the laboratory reports generated for 2009 are provided on the enclosed data disk. The quarterly groundwater sample results for BTEX constituent concentrations are depicted on Figures 3A through 3D.

Monitor well MW-1 is sampled on a quarterly schedule. Analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 2nd quarter to 0.0073 mg/L during the 3rd quarter of 2009. Benzene concentrations were below NMOCD regulatory standards of 0.01 mg/L, during all four quarters of the reporting period. Toluene concentrations were below the MDL of <0.001 mg/L during all four quarters of the reporting period. Toluene concentrations were below the NMOCD regulatory standard of 0.75 mg/L during all four quarters of the reporting period. Ethyl-benzene concentrations ranged from 0.0033 mg/L during the 2nd quarter

to 0.0081 mg/L during the 3rd quarter of 2009. Ethyl-benzene concentrations were below NMOCD regulatory standard of 0.75 mg/L, during all four quarters of the reporting period. Xylene concentrations ranged from 0.0131 mg/L during the 2nd quarter to 0.0239 mg/L during the 1st quarter of 2009. Xylene concentrations were below NMOCD regulatory standard of 0.62 mg/L, during all four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above MDLs for naphthalene (0.000736 mg/L), 1-methylnaphthalene (0.00928 mg/L), 2-methylnaphthalene (0.00135 mg/L), phenanthrene (0.0019 mg/L), and dibenzofuran (0.00276 mg/L), which are below the WQCC Drinking Water Standards.

Monitor well MW-3 is sampled on a quarterly schedule. Analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 4th quarter to 0.0269 mg/L during the 1st quarter of 2009. Benzene concentrations were above the NMOCD regulatory standard during the 1st, 2nd and 3rd quarters of the reporting period. Toluene concentrations ranged from <0.001 mg/L during the 2nd, 3rd and 4th quarter to 0.0022 mg/L during the 1st quarter of 2009. Toluene concentrations were below NMOCD regulatory standard during all four quarters of the reporting period. Ethyl-benzene concentrations ranged from <0.001 mg/L during the 4th quarter to 0.0163 mg/L during the 1st quarter of 2009. Ethyl-benzene concentrations were below NMOCD regulatory standard during all four quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 4th quarter to 0.0530 mg/L during the 1st quarter of 2009. Xylene concentrations were below NMOCD regulatory standard during all four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above MDLs for naphthalene (0.00188 mg/L), 1-methylnaphthalene (0.0290 mg/L), 2-methylnaphthalene (0.00342 mg/L), phenanthrene (0.00748 mg/L), and dibenzofuran (0.00481 mg/L), which are below the WQCC Drinking Water Standards.

Monitor well MW-4 is sampled on a quarterly schedule and was inadvertently not sampled during the 1st quarter of the reporting period. Analytical results indicate benzene concentrations ranged from 0.0318 mg/L during the 2nd quarter to 0.1120 mg/L during the 4th quarter of 2009. Benzene concentrations were above NMOCD regulatory standard during the three quarters of the reporting period. Toluene concentrations were below the MDL of <0.001 mg/L and <0.005 mg/L during the three quarters of the reporting period. Toluene concentrations were below the NMOCD regulatory standard during the three quarters of the reporting period. Ethyl-benzene concentrations ranged from 0.0720 mg/L during the 2nd quarter to 0.1540 mg/L during the 4th quarter of 2009. Ethyl-benzene concentrations were below NMOCD regulatory standard during the three quarters of the reporting period. Xylene concentrations ranged from 0.1010 mg/L during the 2nd quarter to 0.2170 mg/L during the 4th quarter of 2009. Xylene concentrations were below NMOCD regulatory standard during the three quarters of the reporting period. Analytical results for TPH indicated a total concentration of 89.96 mg/L. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above MDLs for naphthalene (0.00141 mg/L), 1-methylnaphthalene (0.00559 mg/L), 2-methylnaphthalene (0.00389 mg/L), phenanthrene (0.00174 mg/L), and dibenzofuran (0.00118 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 BTEX constituent during the 1st and 4th quarter sampling events. Monitor well MW-5 has exhibited 32 consecutive monitoring events below NMOCD regulatory limits. PAH analysis

during the 4th quarter sampling event indicated elevated concentrations above MDLs for dibenzofuran (0.000555 mg/L), which is below the WQCC Drinking Water Standards.

Monitor well MW-6 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the 4th quarter sampling event. Monitor well MW-6 has exhibited 28 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 an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the 4th quarter sampling event. Monitor well MW-7 has exhibited 28 consecutive monitoring events below NMOCD regulatory limits. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above MDLs for dibenzofuran (0.000305 mg/L), which is below the WQCC Drinking Water Standards.

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 BTEX constituent during the 4th quarter sampling event. Monitor well MW-8 has exhibited 24 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. Analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 1st, 2nd and 4th quarters to 0.0040 mg/L during the 3rd quarter of 2009. Benzene concentrations were below NMOCD regulatory standards of 0.01 mg/L, during all four quarters of the reporting period. Toluene concentrations were below the MDL of <0.001 mg/L 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 <0.001 mg/L during the 1st, 2nd and 4th quarters to 0.0087 mg/L during the 3rd quarter of 2009. Ethyl-benzene concentrations were below NMOCD regulatory standard during all four quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 1st, 2nd and 4th quarters to 0.0174 mg/L during the 3rd quarter of 2009. Xylene concentrations were below NMOCD regulatory standard during all four quarters of the reporting period. Monitor well MW-9 has exhibited 21 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-10 is sampled on a quarterly schedule. Analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 1st, 3rd and 4th quarters to 0.0022 mg/L during the 2nd quarter of 2009. Benzene concentrations were below NMOCD regulatory standards of 0.01 mg/L, during all four quarters of the reporting period. Toluene, ethyl-benzene and xylene concentrations were below the MDL of <0.001 mg/L during all four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above MDLs for dibenzofuran (0.000511 mg/L), which is below the WQCC Drinking Water Standards.

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

SUMMARY

This report presents the results of monitoring activities for the 2009 annual monitoring period. Currently, there are nine groundwater monitor wells (MW-1 and MW-3 through MW-10) on site. Recovery of PSH at the site is achieved using manual recovery methods and is monitored on a bi-weekly schedule. The most recent Groundwater Gradient Map, Figure 2D, indicates a general gradient of approximately 0.0012 feet/foot to the southeast.

As discussed above, one monitor well contained measurable PSH thicknesses during 2009. PSH thicknesses have fluctuated, with an overall decreasing trend throughout the 2009 reporting period, with an average PSH thickness of 0.21 feet in monitor well MW-4.

BTEX constituent concentrations were below NMOCD regulatory standards in seven of the nine monitor wells during 2009. Dissolved phase and phase separated hydrocarbon impact appears to be limited to monitor wells MW-3 and MW-4. Groundwater samples from MW-4 exhibited elevated TPH concentrations for GRO and DRO. Analytical results on groundwater samples collected indicate PAH concentrations are demonstrating a decreasing trend in monitor wells without PSH at the site.

ANTICIPATED ACTIONS

Quarterly monitoring, PSH recovery (as necessary) and groundwater sampling will continue in 2010. Manual product recovery and gauging will be conducted on a bi-weekly schedule and will be adjusted according to site conditions. 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-3 and MW-4) which have historically exhibited elevated constituents near or above the WQCC standards.

LIMITATIONS

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

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

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

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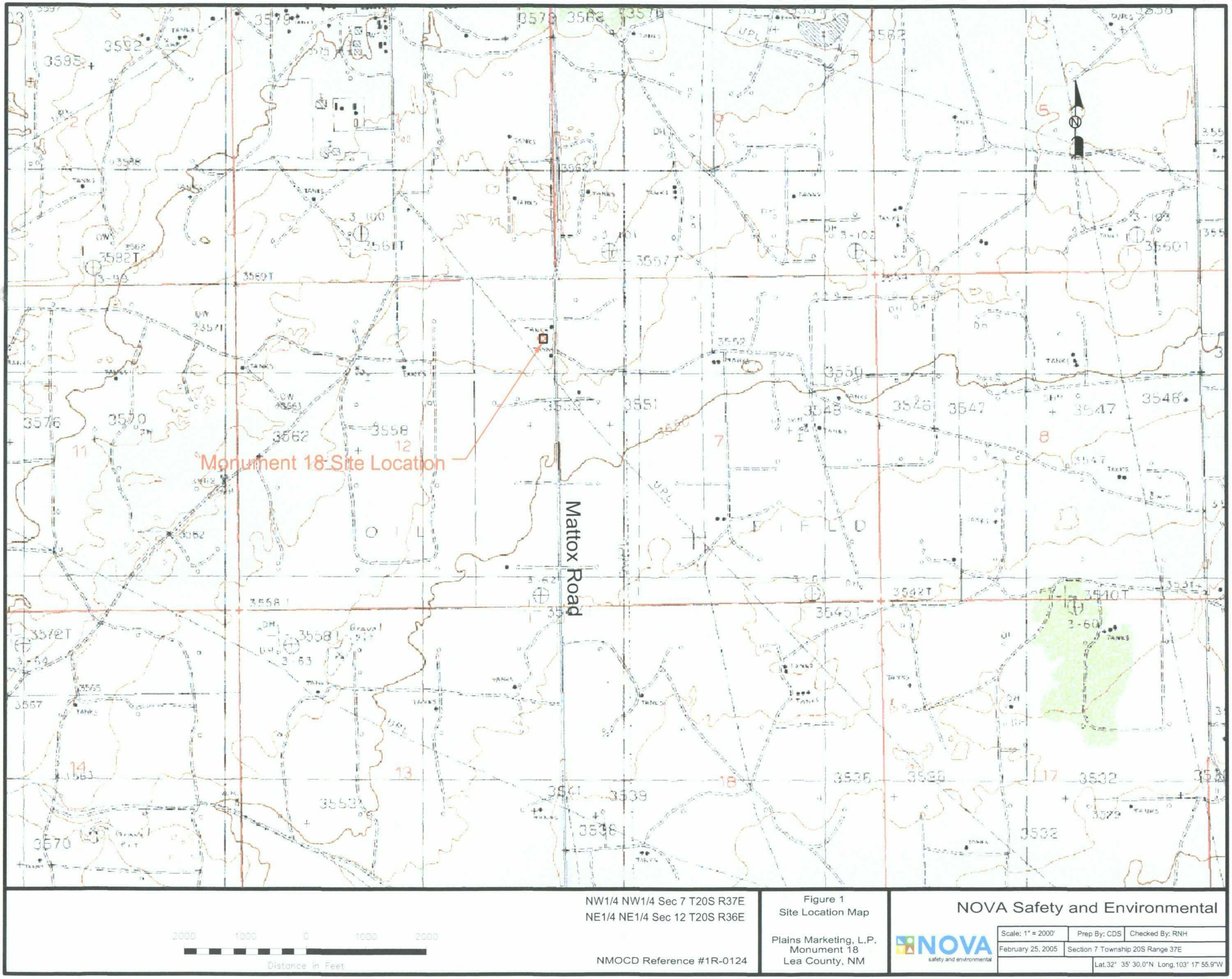
Figures



NW1/4 NW1/4 Sec 7 T20S R37E
NE1/4 NE1/4 Sec 12 T20S R36E

NMOCD Reference #1R-0124

Figure 1
Site Location Map

Plains Marketing, L.P.
Monument 18
Lea County, NM

NOVA Safety and Environmental

NOVA safety and environmental

Scale: 1" = 2000'	Prep By: CDS	Checked By: RNH
February 25, 2005	Section 7 Township 20S Range 37E	
	Lat.32° 35' 30.0"N Long.103° 17' 55.9"W	

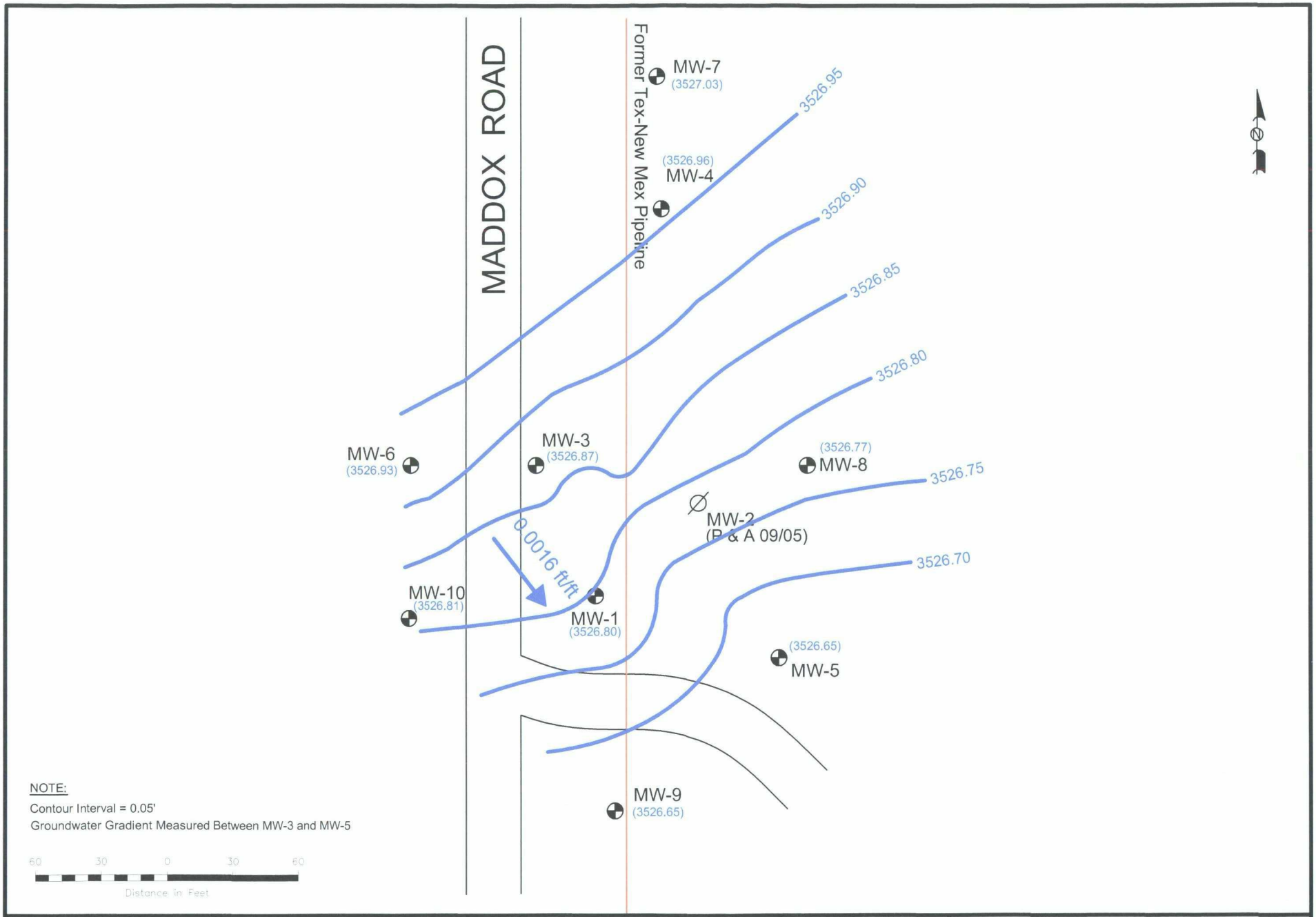
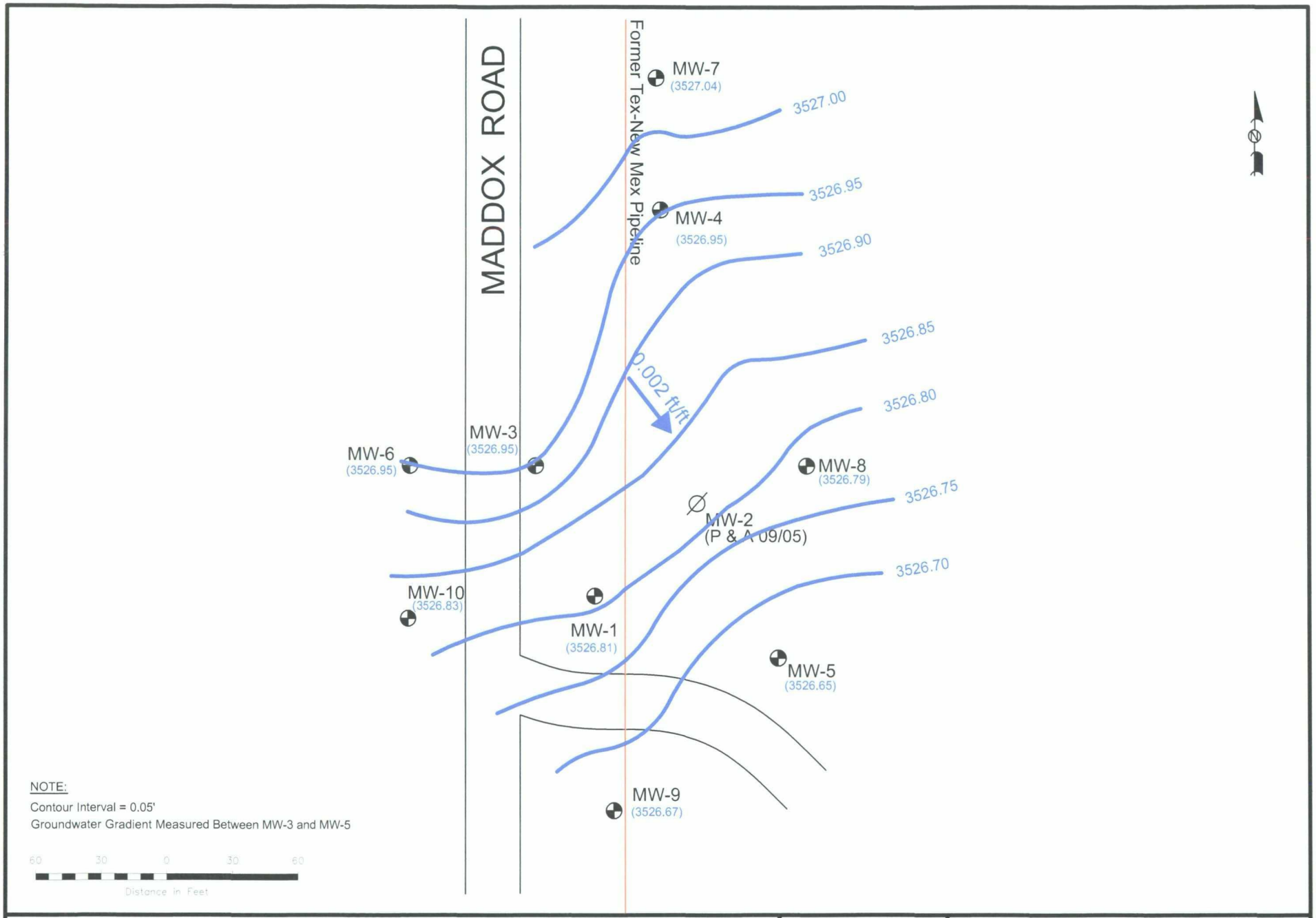


Figure 2A
Inferred Groundwater Gradient Map
(02/03/2009)
Plains Marketing, L.P.
Monument 18
Lea County, NM
NMOCD Ref# 1R-0124

NOVA Safety and Environmental

Scale: 1" = 60'	CAD By: SAT	Checked By: RKR
November 05, 2009		



Legend:

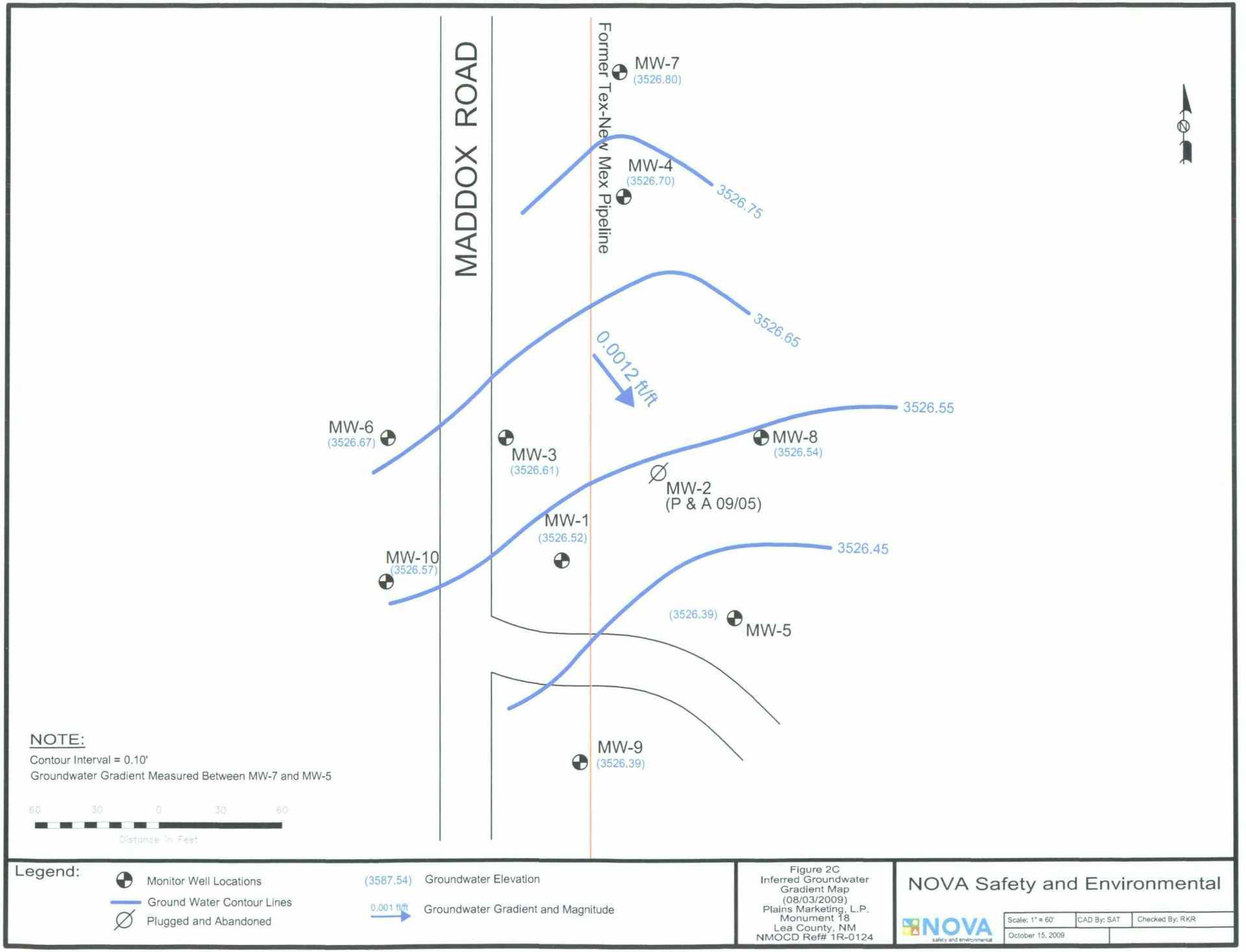
- Monitor Well Locations
- Ground Water Contour Lines
- Plugged and Abandoned
- (3587.54) Groundwater Elevation
- 0.001 ft/ft Groundwater Gradient and Magnitude

Figure 2B
Inferred Groundwater Gradient Map
(05/06/2009)
Plains Marketing, L.P.
Monument 18
Lea County, NM
NMOCD Ref# 1R-0124

NOVA Safety and Environmental

NOVA safety and environmental

Scale: 1" = 60'	CAD By: SAT	Checked By: RKR
August 27, 2009		


MADDOX ROAD
Former Tex-New Mex Pipeline
MW-7
(3526.80)
MW-4
(3526.70)
3526.75
3526.65
0.0012 ft/ft
3526.55
MW-6
(3526.67)
MW-3
(3526.61)
MW-8
(3526.54)
MW-2
(P & A 09/05)
MW-1
(3526.52)
MW-10
(3526.57)
3526.45
(3526.39)
MW-5
MW-9
(3526.39)
NOTE:
Contour Interval = 0.10'
Groundwater Gradient Measured Between MW-7 and MW-5
60 30 0 30 60
Distance in Feet
Legend:
Monitor Well Locations
Ground Water Contour Lines
Plugged and Abandoned
(3587.54) Groundwater Elevation
0.001 ft/ft Groundwater Gradient and Magnitude
Figure 2C
Inferred Groundwater Gradient Map
(08/03/2009)
Plains Marketing, L.P.
Monument 18
Lea County, NM
NMOCD Ref# 1R-0124
NOVA Safety and Environmental
NOVA safety and environmental
Scale: 1" = 60'
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Checked By: RKR
October 15, 2009

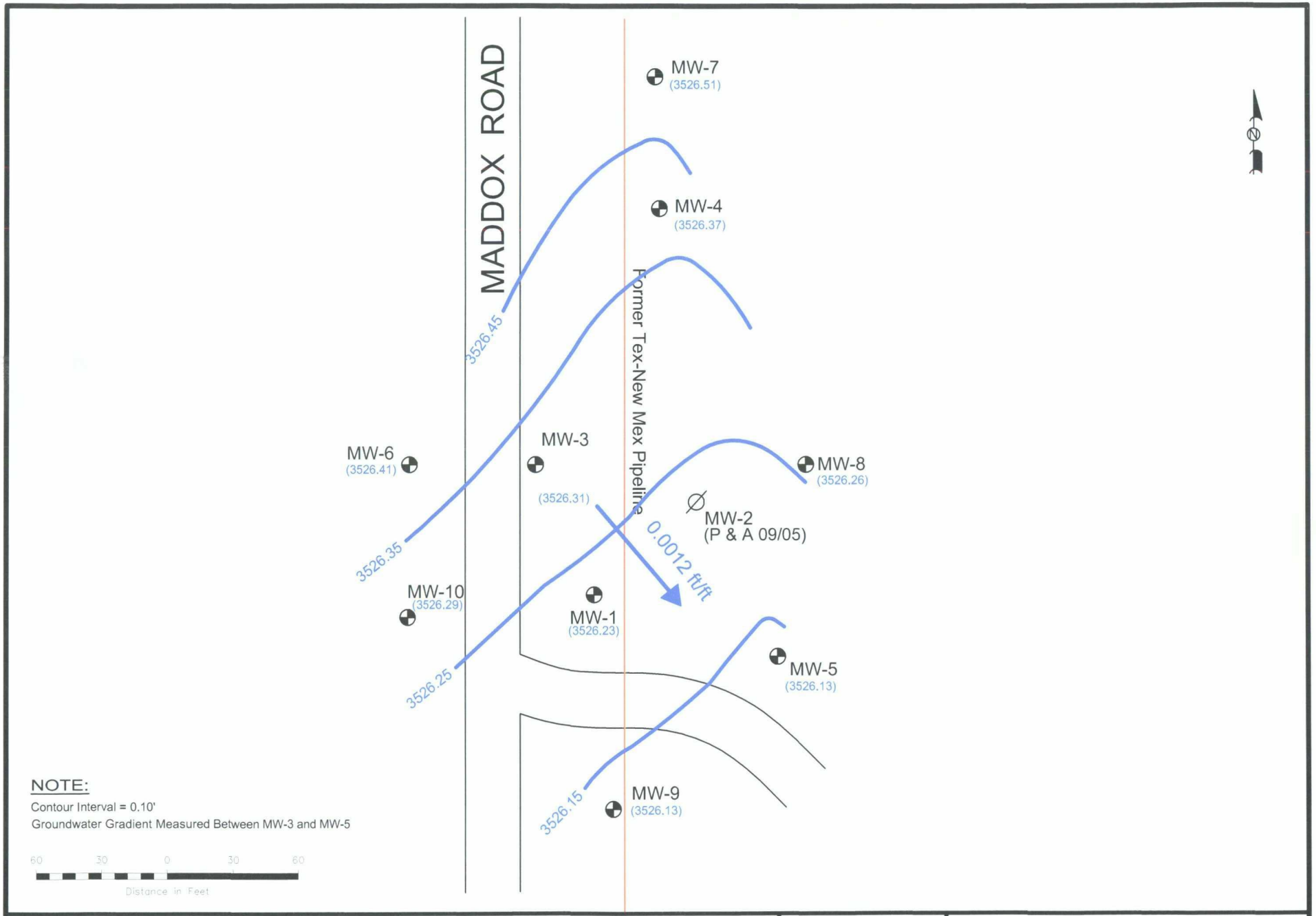

Figure 2D
Inferred Groundwater Gradient Map
(11/04/2009)
Plains Marketing, L.P.
Monument 18
Lea County, NM
NMOCD Ref# 1R-0124

NOVA Safety and Environmental

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December 27, 2009		

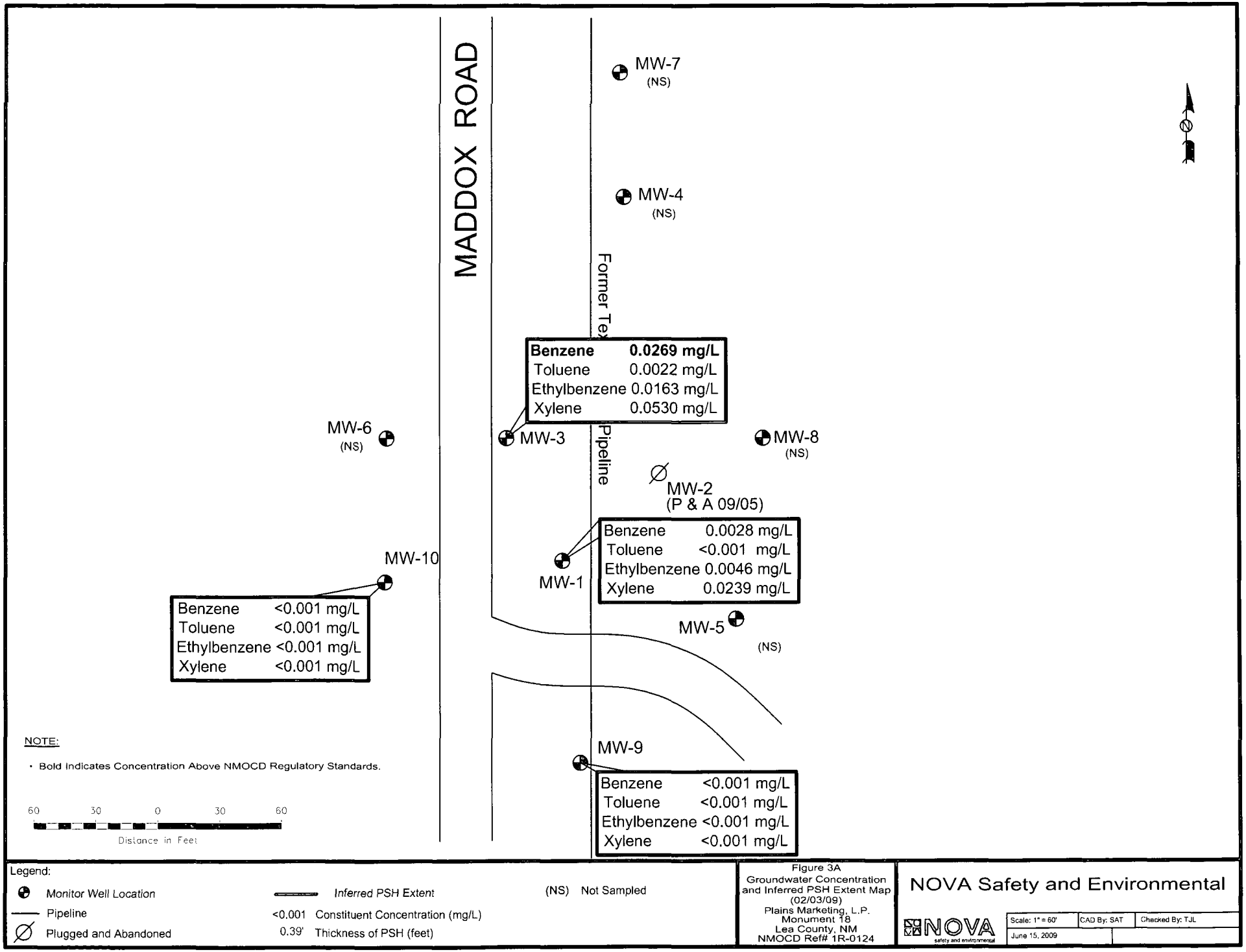

Figure 3A
Groundwater Concentration and Inferred PSH Extent Map
(02/03/09)
Plains Marketing, L.P.
Monument 18
Lea County, NM
NMOCD Ref# 1R-0124

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June 15, 2009		

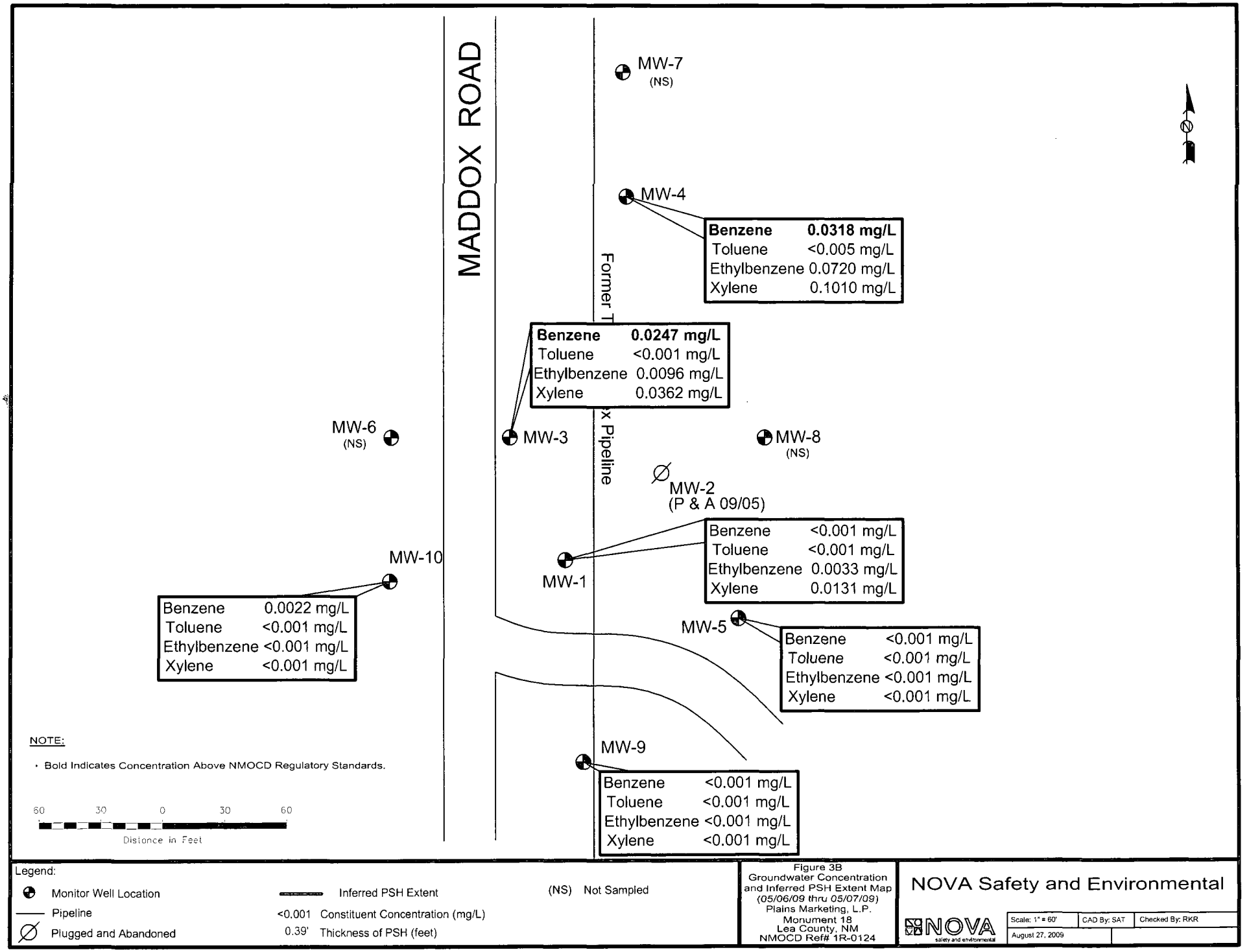
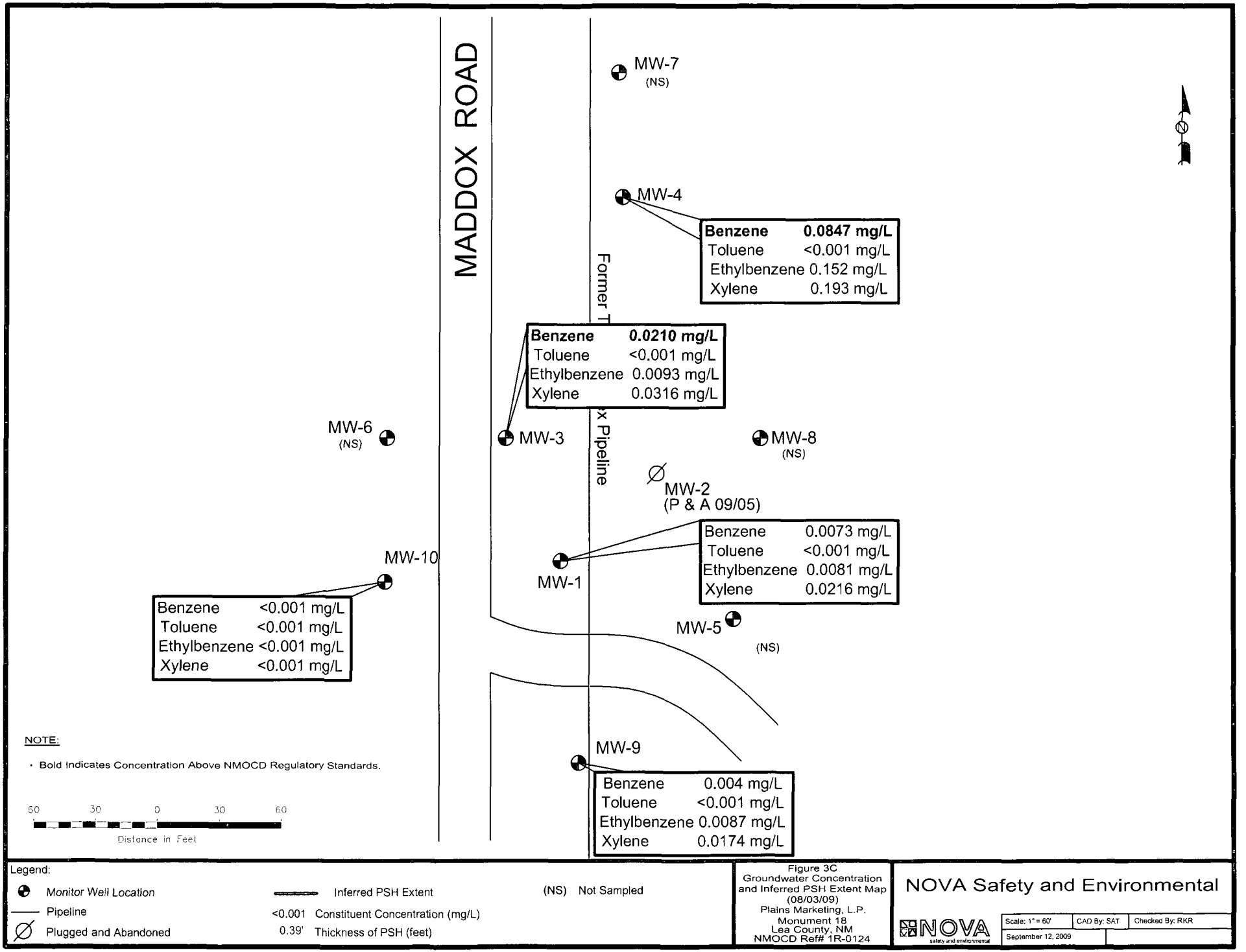


Figure 3B
Groundwater Concentration and Inferred PSH Extent Map
(05/06/09 thru 05/07/09)
Plains Marketing, L.P.
Monument 18
Lea County, NM
NMOCD Ref# 1R-0124

NOVA Safety and Environmental

Scale: 1" = 60'	CAD By: SAT	Checked By: RKR
August 27, 2009		


MADDOX ROAD
Former T
x Pipeline
MW-7
(NS)
MW-4
Benzene 0.0847 mg/L
Toluene <0.001 mg/L
Ethylbenzene 0.152 mg/L
Xylene 0.193 mg/L
Benzene 0.0210 mg/L
Toluene <0.001 mg/L
Ethylbenzene 0.0093 mg/L
Xylene 0.0316 mg/L
MW-6
(NS)
MW-3
MW-8
(NS)
MW-2
(P & A 09/05)
Benzene 0.0073 mg/L
Toluene <0.001 mg/L
Ethylbenzene 0.0081 mg/L
Xylene 0.0216 mg/L
MW-10
MW-1
Benzene <0.001 mg/L
Toluene <0.001 mg/L
Ethylbenzene <0.001 mg/L
Xylene <0.001 mg/L
MW-5
(NS)
MW-9
Benzene 0.004 mg/L
Toluene <0.001 mg/L
Ethylbenzene 0.0087 mg/L
Xylene 0.0174 mg/L
NOTE:
· Bold Indicates Concentration Above NMOCD Regulatory Standards.
60 30 0 30 60
Distance in Feet
Legend:
Monitor Well Location
Pipeline
Plugged and Abandoned
Inferred PSH Extent
<0.001 Constituent Concentration (mg/L)
0.39' Thickness of PSH (feet)
(NS) Not Sampled
Figure 3C
Groundwater Concentration and Inferred PSH Extent Map
(08/03/09)
Plains Marketing, L.P.
Monument 18
Lea County, NM
NMOCD Ref# 1R-0124
NOVA Safety and Environmental
NOVA safety and environmental
Scale: 1" = 60'
CAD By: SAT
Checked By: RKR
September 12, 2009

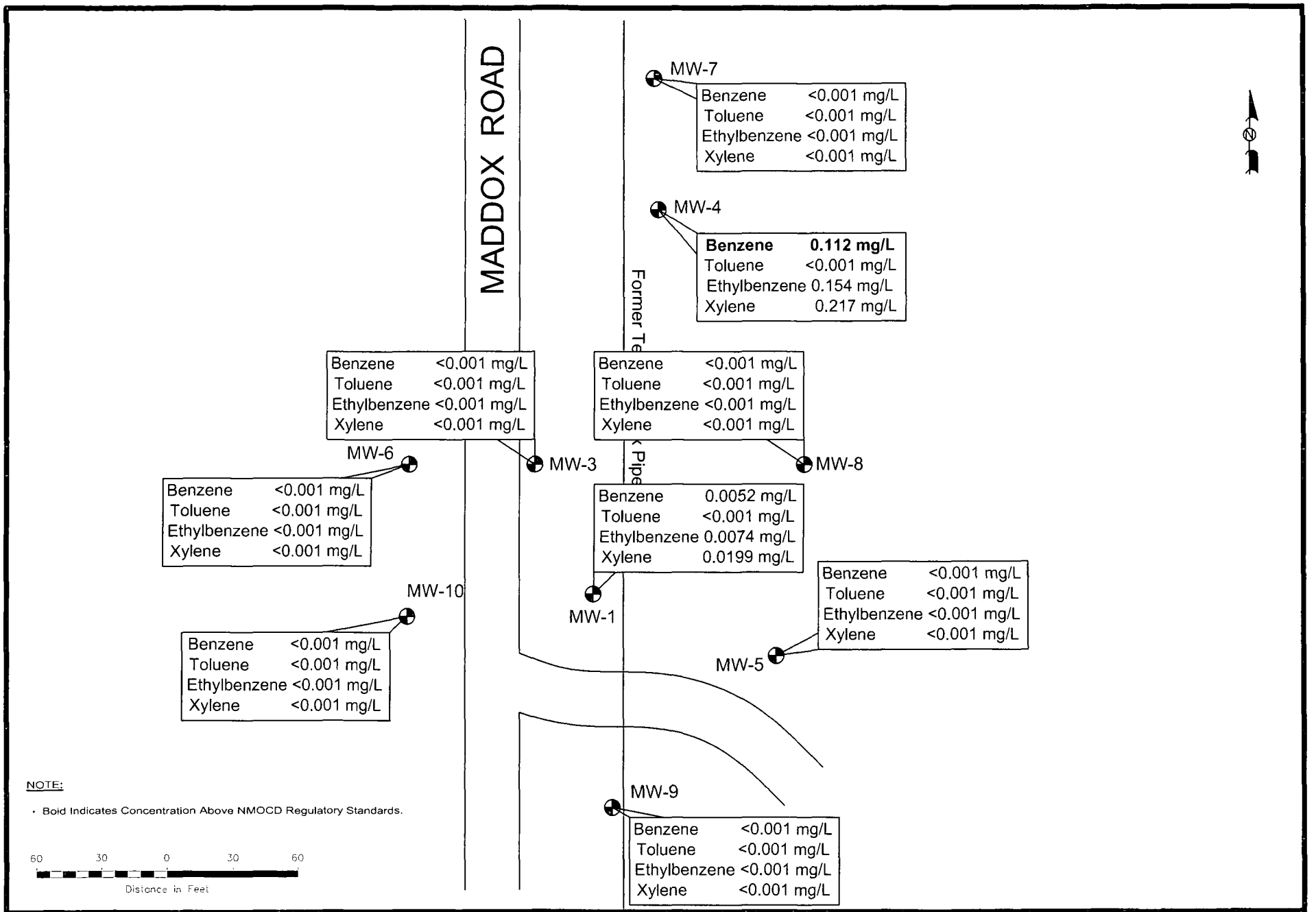


Figure 3D
Groundwater Concentration and Inferred PSH Extent Map
(11/04/09)
Plains Marketing, L.P.
Monument 18
Lea County, NM
NMOCD Ref# 1R-0124

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Scale: 1" = 60'	CAD By: SAT	Checked By: RKR
December 27, 2009		

Tables

TABLE 1

2009 - GROUNDWATER ELEVATION DATA

PLAINS MAREKTING, L.P.
MONUMENT 18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER 1R-0124

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	01/07/09	3,558.71	-	31.96	0.00	3,526.75
MW - 1	01/16/09	3,558.71	-	31.93	0.00	3,526.78
MW - 1	01/29/09	3,558.71	-	31.93	0.00	3,526.78
MW - 1	*02/03/09*	3,558.71	-	31.91	0.00	3,526.80
MW - 1	02/09/09	3,558.71	-	31.93	0.00	3,526.78
MW - 1	02/17/09	3,558.71	-	31.88	0.00	3,526.83
MW - 1	02/26/09	3,558.71	-	31.95	0.00	3,526.76
MW - 1	03/02/09	3,558.71	-	31.89	0.00	3,526.82
MW - 1	03/05/09	3,558.71	-	32.00	0.00	3,526.71
MW - 1	03/09/09	3,558.71	-	32.03	0.00	3,526.68
MW - 1	03/16/09	3,558.71	-	31.91	0.00	3,526.80
MW - 1	03/18/09	3,558.71	-	32.05	0.00	3,526.66
MW - 1	03/25/09	3,558.71	-	32.04	0.00	3,526.67
MW - 1	03/26/09	3,558.71	-	31.87	0.00	3,526.84
MW - 1	03/27/09	3,558.71	-	31.92	0.00	3,526.79
MW - 1	03/30/09	3,558.71	-	31.93	0.00	3,526.78
MW - 1	04/06/09	3,558.71	-	31.94	0.00	3,526.77
MW - 1	04/15/09	3,558.71	-	31.93	0.00	3,526.78
MW - 1	04/16/09	3,558.71	-	31.89	0.00	3,526.82
MW - 1	04/20/09	3,558.71	-	31.92	0.00	3,526.79
MW - 1	04/23/09	3,558.71	-	31.92	0.00	3,526.79
MW - 1	04/27/09	3,558.71	-	31.92	0.00	3,526.79
MW - 1	04/30/09	3,558.71	-	31.91	0.00	3,526.80
MW - 1	*05/06/09*	3,558.71	-	31.90	0.00	3,526.81
MW - 1	05/21/09	3,558.71	-	31.91	0.00	3,526.80
MW - 1	05/27/09	3,558.71	-	31.95	0.00	3,526.76
MW - 1	06/08/09	3,558.71	-	31.98	0.00	3,526.73
MW - 1	06/11/09	3,558.71	-	32.02	0.00	3,526.69
MW - 1	06/16/09	3,558.71	-	32.02	0.00	3,526.69
MW - 1	06/22/09	3,558.71	-	32.03	0.00	3,526.68
MW - 1	06/29/09	3,558.71	-	32.03	0.00	3,526.68
MW - 1	07/02/09	3,558.71	-	32.08	0.00	3,526.63
MW - 1	07/10/09	3,558.71	-	32.10	0.00	3,526.61
MW - 1	07/15/09	3,558.71	-	32.08	0.00	3,526.63
MW - 1	07/21/09	3,558.71	-	32.17	0.00	3,526.54
MW - 1	07/29/09	3,558.71	-	32.08	0.00	3,526.63
MW - 1	07/30/09	3,558.71	-	32.15	0.00	3,526.56
MW - 1	*08/03/09*	3,558.71	-	32.19	0.00	3,526.52
MW - 1	08/05/09	3,558.71	-	32.15	0.00	3,526.56
MW - 1	08/07/09	3,558.71	-	32.19	0.00	3,526.52
MW - 1	08/10/09	3,558.71	-	32.20	0.00	3,526.51
MW - 1	08/19/09	3,558.71	-	32.20	0.00	3,526.51
MW - 1	08/27/09	3,558.71	-	32.24	0.00	3,526.47
MW - 1	08/31/09	3,558.71	-	32.25	0.00	3,526.46
MW - 1	09/11/09	3,558.71	-	32.30	0.00	3,526.41
MW - 1	09/17/09	3,558.71	-	32.31	0.00	3,526.40
MW - 1	09/24/09	3,558.71	-	32.35	0.00	3,526.36
MW - 1	09/29/09	3,558.71	-	32.38	0.00	3,526.33
MW - 1	09/30/09	3,558.71	-	32.33	0.00	3,526.38
MW - 1	10/06/09	3,558.71	-	32.41	0.00	3,526.30
MW - 1	10/27/09	3,558.71	-	32.44	0.00	3,526.27
MW - 1	*11/04/09*	3,558.71	-	32.48	0.00	3,526.23
MW - 3	01/07/09	3,558.53	-	31.26	0.00	3,527.27
MW - 3	01/16/09	3,558.53	-	31.14	0.00	3,527.39
MW - 3	01/29/09	3,558.53	-	31.66	0.00	3,526.87
MW - 3	*02/03/09*	3,558.53	-	31.66	0.00	3,526.87
MW - 3	02/09/09	3,558.53	-	31.65	0.00	3,526.88
MW - 3	02/17/09	3,558.53	-	31.60	0.00	3,526.93
MW - 3	02/26/09	3,558.53	-	31.63	0.00	3,526.90
MW - 3	03/02/09	3,558.53	-	31.62	0.00	3,526.91

TABLE 1

2009 - GROUNDWATER ELEVATION DATA

PLAINS MAREKTING, L.P.
MONUMENT 18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER 1R-0124

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 3	03/05/09	3,558.53	-	31.67	0.00	3,526.86
MW - 3	03/09/09	3,558.53	-	36.69	0.00	3,521.84
MW - 3	03/16/09	3,558.53	-	31.62	0.00	3,526.91
MW - 3	03/18/09	3,558.53	-	36.70	0.00	3,521.83
MW - 3	03/25/09	3,558.53	-	36.72	0.00	3,521.81
MW - 3	03/26/09	3,558.53	-	31.60	0.00	3,526.93
MW - 3	03/27/09	3,558.53	-	31.57	0.00	3,526.96
MW - 3	03/30/09	3,558.53	-	31.62	0.00	3,526.91
MW - 3	04/06/09	3,558.53	-	31.71	0.00	3,526.82
MW - 3	04/15/09	3,558.53	-	31.56	0.00	3,526.97
MW - 3	04/16/09	3,558.53	-	31.63	0.00	3,526.90
MW - 3	04/20/09	3,558.53	-	31.63	0.00	3,526.90
MW - 3	04/23/09	3,558.53	-	31.56	0.00	3,526.97
MW - 3	04/27/09	3,558.53	-	31.55	0.00	3,526.98
MW - 3	04/30/09	3,558.53	-	31.66	0.00	3,526.87
MW - 3	*05/06/09*	3,558.53	-	31.63	0.00	3,526.90
MW - 3	05/21/09	3,558.53	-	31.64	0.00	3,526.89
MW - 3	05/27/09	3,558.53	-	31.67	0.00	3,526.86
MW - 3	06/08/09	3,558.53	-	31.72	0.00	3,526.81
MW - 3	06/11/09	3,558.53	-	31.75	0.00	3,526.78
MW - 3	06/16/09	3,558.53	-	31.72	0.00	3,526.81
MW - 3	06/22/09	3,558.53	-	31.76	0.00	3,526.77
MW - 3	06/29/09	3,558.53	-	31.73	0.00	3,526.80
MW - 3	07/02/09	3,558.53	-	31.79	0.00	3,526.74
MW - 3	07/10/09	3,558.53	-	31.85	0.00	3,526.68
MW - 3	07/15/09	3,558.53	-	31.76	0.00	3,526.77
MW - 3	07/21/09	3,558.53	-	31.85	0.00	3,526.68
MW - 3	07/29/09	3,558.53	-	31.77	0.00	3,526.76
MW - 3	07/30/09	3,558.53	-	31.78	0.00	3,526.75
MW - 3	*08/03/09*	3,558.53	-	31.92	0.00	3,526.61
MW - 3	08/05/09	3,558.53	-	31.89	0.00	3,526.64
MW - 3	08/07/09	3,558.53	-	31.94	0.00	3,526.59
MW - 3	08/10/09	3,558.53	-	31.92	0.00	3,526.61
MW - 3	08/19/09	3,558.53	-	31.94	0.00	3,526.59
MW - 3	08/27/09	3,558.53	-	31.98	0.00	3,526.55
MW - 3	08/31/09	3,558.53	-	32.00	0.00	3,526.53
MW - 3	09/11/09	3,558.53	-	32.04	0.00	3,526.49
MW - 3	09/17/09	3,558.53	-	32.04	0.00	3,526.49
MW - 3	09/24/09	3,558.53	-	32.04	0.00	3,526.49
MW - 3	09/29/09	3,558.53	-	32.13	0.00	3,526.40
MW - 3	09/30/09	3,558.53	-	32.05	0.00	3,526.48
MW - 3	10/06/09	3,558.53	-	32.05	0.00	3,526.48
MW - 3	10/27/09	3,558.53	-	32.16	0.00	3,526.37
MW - 3	*11/04/09*	3,558.53	-	32.22	0.00	3,526.31
MW - 4	01/07/09	3,558.14	31.16	31.82	0.66	3,526.88
MW - 4	01/16/09	3,558.14	31.01	31.44	0.43	3,527.07
MW - 4	01/29/09	3,558.14	31.15	31.43	0.28	3,526.95
MW - 4	*02/03/09*	3,558.14	31.16	31.31	0.15	3,526.96
MW - 4	02/09/09	3,558.14	31.15	31.28	0.13	3,526.97
MW - 4	02/17/09	3558.14	30.15	30.36	0.21	3,527.96
MW - 4	02/26/09	3,558.14	31.22	31.36	0.14	3,526.90
MW - 4	03/02/09	3,558.14	31.13	31.21	0.08	3,527.00
MW - 4	03/05/09	3,558.14	31.28	31.39	0.11	3,526.84
MW - 4	03/09/09	3,558.14	31.30	31.42	0.12	3,526.82
MW - 4	03/16/09	3,558.14	31.14	31.29	0.15	3,526.98
MW - 4	03/18/09	3,558.14	31.32	31.44	0.12	3,526.80
MW - 4	03/25/09	3,558.14	31.34	31.45	0.11	3,526.78
MW - 4	03/26/09	3,558.14	31.11	31.25	0.14	3,527.01
MW - 4	03/27/09	3,558.14	31.18	31.20	0.02	3,526.96
MW - 4	03/30/09	3,558.14	odor	31.26	0.00	3,526.88

TABLE 1

2009 - GROUNDWATER ELEVATION DATA

PLAINS MAREKTING, L.P.
MONUMENT 18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER 1R-0124

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	04/06/09	3,558.14	odor	31.22	0.00	3,526.92
MW - 4	04/14/09	3,558.14	31.19	31.22	0.03	3,526.95
MW - 4	04/16/09	3,558.14	odor	31.18	0.00	3,526.96
MW - 4	04/20/09	3,558.14	odor	31.20	0.00	3,526.94
MW - 4	04/23/09	3,558.14	odor	31.20	0.00	3,526.94
MW - 4	04/27/09	3,558.14	odor	31.21	0.00	3,526.93
MW - 4	04/30/09	3,558.14	odor	31.21	0.00	3,526.93
MW - 4	05/06/09	3,558.14	odor	31.19	0.00	3,526.95
MW - 4	05/21/09	3,558.14	odor	31.21	0.00	3,526.93
MW - 4	05/27/09	3,558.14	odor	31.21	0.00	3,526.93
MW - 4	06/08/09	3,558.14	odor	31.27	0.00	3,526.87
MW - 4	06/11/09	3,558.14	odor	31.43	0.00	3,526.71
MW - 4	06/16/09	3,558.14	odor	31.78	0.00	3,526.36
MW - 4	06/22/09	3,558.14	odor	31.30	0.00	3,526.84
MW - 4	06/29/09	3,558.14	odor	31.27	0.00	3,526.87
MW - 4	07/02/09	3,558.14	odor	31.34	0.00	3,526.80
MW - 4	07/10/09	3,558.14	odor	31.37	0.00	3,526.77
MW - 4	07/15/09	3,558.14	odor	31.30	0.00	3,526.84
MW - 4	07/21/09	3,558.14	odor	31.43	0.00	3,526.71
MW - 4	07/29/09	3,558.14	odor	31.31	0.00	3,526.83
MW - 4	07/30/09	3,558.14	31.40	31.48	0.08	3,526.73
MW - 4	08/03/09	3,558.14	odor	31.44	0.00	3,526.70
MW - 4	08/05/09	3,558.14	odor	31.43	0.00	3,526.71
MW - 4	08/07/09	3,558.14	odor	31.48	0.00	3,526.66
MW - 4	08/10/09	3,558.14	odor	31.45	0.00	3,526.69
MW - 4	08/19/09	3,558.14	31.45	31.68	0.23	3,526.66
MW - 4	08/27/09	3,558.14	odor	31.76	0.00	3,526.38
MW - 4	08/31/09	3,558.14	odor	31.78	0.00	3,526.36
MW - 4	09/11/09	3,558.14	31.50	32.10	0.60	3,526.55
MW - 4	09/17/09	3,558.14	31.56	31.73	0.17	3,526.55
MW - 4	09/24/09	3,558.14	31.58	31.77	0.19	3,526.53
MW - 4	09/29/09	3,558.14	odor	31.68	0.00	3,526.46
MW - 4	09/30/09	3,558.14	odor	31.60	0.00	3,526.54
MW - 4	10/06/09	3,558.14	odor	31.69	0.00	3,526.45
MW - 4	10/27/09	3,558.14	odor	32.14	0.00	3,526.00
MW - 4	11/04/09	3,558.14	31.71	32.13	0.42	3,526.37
MW - 5	02/03/09	3,560.07	-	33.42	0.00	3,526.65
MW - 5	05/06/09	3,560.07	-	33.42	0.00	3,526.65
MW - 5	08/03/09	3,560.07	-	33.68	0.00	3,526.39
MW - 5	11/04/09	3,560.07	-	33.94	0.00	3,526.13
MW - 6	02/03/09	3,557.64	-	30.71	0.00	3,526.93
MW - 6	05/06/09	3,557.64	-	30.69	0.00	3,526.95
MW - 6	08/03/09	3,557.64	-	30.97	0.00	3,526.67
MW - 6	11/04/09	3,557.64	-	31.23	0.00	3,526.41
MW - 7	02/03/09	3,558.65	-	31.62	0.00	3,527.03
MW - 7	05/06/09	3,558.65	-	31.61	0.00	3,527.04
MW - 7	08/03/09	3,558.65	-	31.85	0.00	3,526.80
MW - 7	11/04/09	3,558.65	-	32.14	0.00	3,526.51
MW - 8	02/03/09	3,559.30	-	32.53	0.00	3,526.77
MW - 8	05/06/09	3,559.30	-	32.51	0.00	3,526.79
MW - 8	08/03/09	3,559.30	-	32.76	0.00	3,526.54
MW - 8	11/04/09	3,559.30	-	33.04	0.00	3,526.26

TABLE 1

2009 - GROUNDWATER ELEVATION DATA

PLAINS MAREKTING, L.P.
MONUMENT 18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER 1R-0124

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 9	*02/03/09*	3,559.94	-	33.29	0.00	3,526.65
MW - 9	*05/06/09*	3,559.94	-	33.27	0.00	3,526.67
MW - 9	*08/03/09*	3,559.94	-	33.55	0.00	3,526.39
MW - 9	*11/04/09*	3,559.94	-	33.81	0.00	3,526.13
MW - 10	*02/03/09*	3,558.06	-	31.25	0.00	3526.81
MW - 10	*05/06/09*	3,558.06	-	31.23	0.00	3526.83
MW - 10	*08/03/09*	3,558.06	-	31.49	0.00	3526.57
MW - 10	*11/04/09*	3,558.06	-	31.77	0.00	3526.29

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

TABLE 2

2009 - CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

MONUMENT 18

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER 1R-0124

All concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8015M		SW 846-8012B, 5030				
		TPH GRO C_6-C_{12}	TPH DRO >C_{12}-C_{35}	BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY LIMIT				**0.01**	**0.750**	**0.750**	**0.620**	
MW - 1	02/03/09			0.0028	<0.001	0.0046	0.0239	
MW - 1	05/06/09			<0.001	<0.001	0.0033	0.0131	
MW - 1	08/03/09			0.0073	<0.001	0.0081	0.0216	
MW - 1	11/04/09			0.0052	<0.001	0.0074	0.0199	
MW - 3	02/03/09			**0.0269**	0.0022	0.0163	0.0530	
MW - 3	05/06/09			**0.0247**	<0.001	0.0096	0.0362	
MW - 3	08/03/09			**0.0210**	<0.001	0.0093	0.0316	
MW - 3	11/04/09			<0.001	<0.001	<0.001	<0.001	
MW - 4	02/03/09			Not Sampled				
MW - 4	05/06/09			**0.0318**	<0.005	0.0720	0.1010	
MW - 4	08/03/09			**0.0847**	<0.001	0.1520	0.1930	
MW - 4	11/04/09	2.66	87.3	**0.1120**	<0.001	0.1540	0.2170	
MW - 5	02/03/09			Not sampled due to sample reduction				
MW - 5	05/06/09			<0.001	<0.001	<0.001	<0.001	
MW - 5	08/03/09			Not sampled due to sample reduction				
MW - 5	11/04/09			<0.001	<0.001	<0.001	<0.001	
MW - 6	02/03/09			Not sampled due to sample reduction				
MW - 6	05/06/09			Not sampled due to sample reduction				
MW - 6	08/03/09			Not sampled due to sample reduction				
MW - 6	11/04/09			<0.001	<0.001	<0.001	<0.001	
MW - 7	02/03/09			Not sampled due to sample reduction				
MW - 7	05/06/09			Not sampled due to sample reduction				
MW - 7	08/03/09			Not sampled due to sample reduction				
MW - 7	11/04/09			<0.001	<0.001	<0.001	<0.001	
MW - 8	02/03/09			Not sampled due to sample reduction				
MW - 8	05/06/09			Not sampled due to sample reduction				
MW - 8	08/03/09			Not sampled due to sample reduction				
MW - 8	11/04/09			<0.001	<0.001	<0.001	<0.001	
MW - 9	02/03/09			<0.001	<0.001	<0.001	<0.001	
MW - 9	05/07/09			<0.001	<0.001	<0.001	<0.001	
MW - 9	08/03/09			0.004	<0.001	0.0087	0.0174	
MW - 9	11/04/09			<0.001	<0.001	<0.001	<0.001	

TABLE 2

2009 - CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

MONUMENT 18

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER 1R-0124

All concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	EPA SW 846-8015M		SW 846-8012B, 5030				
		TPH GRO C_6-C_{12}	TPH DRO >C_{12}-C_{35}	BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY LIMIT				**0.01**	**0.750**	**0.750**	**0.620**	
MW - 10	02/03/09			<0.001	<0.001	<0.001	<0.001	
MW - 10	05/07/09			0.0022	<0.001	<0.001	<0.001	
MW - 10	08/03/09			<0.001	<0.001	<0.001	<0.001	
MW - 10	11/04/09			<0.001	<0.001	<0.001	<0.001	

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

TABLE 3

POLYCYCLIC AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 18
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER 1R-0124

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	11/05/08	<0.000917	<0.000917	0.00362	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	0.0169	<0.000917	0.00796	0.0165	<0.000917	**0.0678**	**0.0197**	0.0134
	11/04/09	<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	0.000736	0.0019	<0.000184	0.00928	0.00135	0.00276
MW-3	11/05/08	<0.000930	<0.000930	0.0018	<0.000930	<0.000930	<0.000930	<0.000930	<0.000930	<0.000930	<0.000930	<0.000930	0.0131	<0.000930	0.0076	0.0187	<0.000930	**0.0563**	**0.0259**	0.0122
	11/04/09	<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	0.00188	0.00748	<0.000184	0.0290	0.00342	0.00481
MW-4	11/05/08	<0.000930	<0.000930	<0.000930	<0.000930	<0.000930	<0.000930	<0.000930	<0.000930	<0.000930	<0.000930	<0.000930	0.00648	<0.000930	0.00378	0.0084	<0.000930	0.0163	0.00778	0.00584
	11/04/09	<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	0.00141	0.00174	<0.000184	0.00559	0.00389	0.00118
MW-5	11/05/08	<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	0.001	<0.000184	<0.000184	<0.000184	<0.000184	0.000825
	11/04/09	<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	0.000555
MW-6	11/05/08	<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	0.000429
	11/04/09	<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	11/05/08	<0.000186	<0.000186	0.000538	**0.000403**	<0.000186	<0.000186	<0.000186	<0.000186	**0.000371**	<0.000186	0.000407	<0.000186	<0.000186	<0.000186	0.000577	0.000443	<0.000186	<0.000186	0.000774
	11/04/09	<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	0.000305
MW-8	11/05/08	<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	0.00067
	11/04/09	<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	11/05/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
	11/04/09	<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-10	11/05/08	<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
	11/04/09	<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	0.000511

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	Monument # 18	Facility Type:	Pipeline

Surface Owner:	Mineral Owner	Lease No.
Jim B Cooper		

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
D	7	20S	37E					Lea

Latitude 32 degrees 35' 30.0" **Longitude** 103 degrees 17' 55.9"

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