1R - 123

Annual GW Mon. REPORTS

DATE:

2008

2008
ANNUAL MONITORING REPORT

MONUMENT 17

SE ¼ NW ¼ of SECTION 29, TOWNSHIP 19 SOUTH, RANGE 37 EAST
LEA COUNTY, NEW MEXICO
PLAINS EMS NUMBER: TNM MONUMENT-17-KNOWN
NMOCD REFERENCE: 1R-123

Prepared For:

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February 2009

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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 for the Monument 17 Site (the site) were assumed by NOVA. The site, which was formerly the responsibility of Enron Oil Trading and Transportation (EOTT), is now the responsibility of Plains. This report is intended to be viewed as a complete document with text, figures, tables, and appendices. The report presents the results of the quarterly groundwater monitoring events conducted in calendar year 2008 only. Historic data tables as well as 2008 laboratory analytical reports are provided on the enclosed disk. For reference, the Site Location Map is provided as Figure 1.

Groundwater monitoring was conducted during each quarter of 2008 to assess the levels and extent of dissolved phase constituents and Phase Separated Hydrocarbon (PSH). Each groundwater monitoring event consisted of measuring static water levels in monitor wells, checking for the presence of PSH on the water column and purging and sampling of each well exhibiting sufficient recharge. Monitor wells containing a thickness of PSH greater than 0.01 foot were sampled as per a NMOCD directive.

SITE DESCRIPTION AND BACKGROUND INFORMATION

The legal description of the site is SE ¼ of the NW ¼ of Section 29, Township 19 South, Range 37 East. No information with respect to the release date, volume of crude oil released or recovered, excavation volumes, or pipeline repair is currently 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 B. The initial site investigation, consisting of the installation of eight groundwater monitor wells (MW-1 through MW-8), was performed by previous consultants.

Currently, there are eight groundwater monitor wells (MW-1 through MW-5 and MW-7 through MW-9) present on site.

FIELD ACTIVITIES

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 in NMOCD correspondence dated June 21, 2005:

NMOCD Approved Sampling Schedule					
MW-1	Quarterly	MW-4	Semi-Annual	MW-7	Quarterly
MW-2	Quarterly	MW-5	Annually	MW-8	Annually
MW-3	Quarterly	MW-6	Plugged and Abandoned	MW-9	Quarterly

The site monitor wells were gauged and sampled on the following dates: February 22, May 30, August 22, and November 13, 2008. During each sampling event, sampled monitor wells were purged of a minimum of three well volumes of water or until the wells failed to produce water using a PVC bailer or electric 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 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 2008 is provided as Table 1. Historic groundwater elevation data beginning at project inception is provided on the enclosed data disk.

The most recent Groundwater Gradient Map, Figure 2D, indicates a general gradient of approximately 0.001 feet/foot to the southeast as measured between groundwater monitor wells MW-5 and MW-9. This is consistent with data presented on Figures 2A and 2B from earlier in the year. The corrected groundwater elevations ranged between 3,587.22 and 3,589.06 feet above mean sea level, in monitor wells MW-9 on August 22, 2008 and MW-5 on February 22, 2008, respectively.

LABORATORY RESULTS

Groundwater samples obtained during the quarterly sampling events of 2008 were delivered to TraceAnalysis, Inc. in Midland, Texas for determination of Benzene, Toluene, Ethylbenzene and Xylene (BTEX) constituent concentrations by EPA Method 8021B, and Polynuclear Aromatic Hydrocarbons (PAH) concentrations by EPA Method 8270C. Monitoring wells containing measurable amounts of PSH were analyzed for Total Petroleum Hydrocarbons (TPH) concentrations by EPA Method 8015M. A listing of BTEX and TPH constituent concentrations for 2008 are summarized in Table 2 and the PAH constituent concentrations for 2008 are summarized in Table 3. Copies of the laboratory reports generated for 2008 are provided on the enclosed data disk. The quarterly groundwater sample results for BTEX constituent concentrations are depicted on Figures 3A through 3D.

Monitor well MW-1 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.005 mg/L during the 1st quarter to 0.0431 mg/L during the 3rd quarter of the reporting period. Benzene concentrations were above the NMOCD regulatory standard of 0.01 mg/L during the 3rd quarter of 2008. Toluene concentrations were below laboratory method detection limits (MDL) and NMOCD regulatory standard of 0.75 mg/L during all four quarters of the reporting period. Ethylbenzene concentrations ranged from <0.001 mg/L during the 4th quarter to 0.0380 mg/L during the 2nd quarter of the reporting period. Ethylbenzene concentrations were below the NMOCD regulatory standard of 0.75 mg/L during all four quarters of 2008. Xylene concentrations ranged from <0.001 mg/L during the 4th quarter to 0.0160 mg/L during the 2nd quarter of the reporting period. Xylene concentrations were below NMOCD during all four quarters of 2008. PAH analysis during the 4th quarter sampling event

indicated elevated concentrations above MDLs for dibenzofuran (0.000861 mg/L), which is below WQCC standards.

Monitor well MW-2 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.0035 mg/L during the 1st quarter to 0.0467 mg/L during the 3rd quarter of the reporting period. Benzene concentrations were above NMOCD regulatory standards during the 2nd, 3rd and 4th quarters of the reporting period. Toluene and ethylbenzene concentrations were below the MDL and NMOCD regulatory standard during all four quarters of the reporting period. Xylene concentrations ranged from 0.001 mg/L during the 2nd quarter to 0.0022 mg/L during the 3rd quarter of the reporting period. 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-3 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.0031 mg/L during the 4th quarter to 0.0329 mg/L during the 2nd quarter of the reporting period. Benzene concentrations were above the NMOCD regulatory standard during the 1st and 2nd quarters of 2008. Toluene concentrations were below MDL and NMOCD regulatory standards during all four quarters of the reporting period. Ethylbenzene concentrations ranged from <0.001 mg/L during the 1st, 3rd and 4th quarters to 0.002 mg/L during the 2nd quarter of the reporting period. Ethylbenzene concentrations were below the NMOCD regulatory standards during all four quarters of 2008. Xylene concentrations ranged from <0.001 mg/L during the 3rd and 4th quarters to 0.0017 mg/L during the 2nd quarter of the reporting period. Xylene concentrations were below NMOCD during all four quarters of 2008. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above MDLs for fluorene (0.000252 mg/L) and dibenzofuran (0.00159 mg/L), which are below WQCC standards.

Monitor well MW-4 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-4 has exhibited thirty-five 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-5 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standard for each constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last thirty-five consecutive quarters. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above MDLs for fluorene (0.000408 mg/L) and dibenzofuran (0.00117 mg/L), which are below WQCC standards.

Monitor well MW-7 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 1st, 2nd and 3rd quarters to 0.0013 mg/L during the 4th 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 NMOCD regulatory standard during all four quarters of the reporting period. Monitor well MW-7 has exhibited twelve consecutive monitoring events below NMOCD regulatory limits. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above MDLs for fluorene (0.00262 mg/L), phenanthrene (0.00123 mg/L) and dibenzofuran (0.0065 mg/L), which are below WQCC 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 constituent during the 4th quarter sampling event. Monitor well MW-8 has exhibited twenty-three 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 BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each constituent during all four quarters of the reporting period. Monitor well MW-9 has exhibited eight consecutive monitoring events below NMOCD regulatory limits. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above MDLs for dibenzofuran (0.000223 mg/L), which is below WQCC standards.

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

SUMMARY

This report presents the results of four groundwater monitoring and sampling events for the annual monitoring period of calendar year 2008. Currently, there are eight groundwater monitor wells (MW-1 through MW-5 and MW-7 through MW-9) on-site. The most recent inferred groundwater gradient indicates a general gradient of approximately 0.001 feet/foot to the southeast as measured between groundwater monitor wells MW-5 and MW-9. During the reporting period, no measurable thickness of PSH was detected in any of the site monitor wells.

A review of the laboratory analytical results indicates benzene concentrations were above applicable NMOCD regulatory standards in three of the eight monitor wells during at least one quarter of the reporting period. Toluene, ethylbenzene and xylene concentrations were below NMOCD regulatory standards for all eight monitor wells during the four quarters of the 2008 reporting period.

ANTICIPATED ACTIONS

Groundwater monitoring and quarterly sampling will continue through 2009. An annual groundwater monitoring report will be submitted by April 1, 2010.

A Soil Closure Proposal will be submitted to the NMOCD in the future. The proposal will present a strategy to address the remaining soil issues at the site.

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

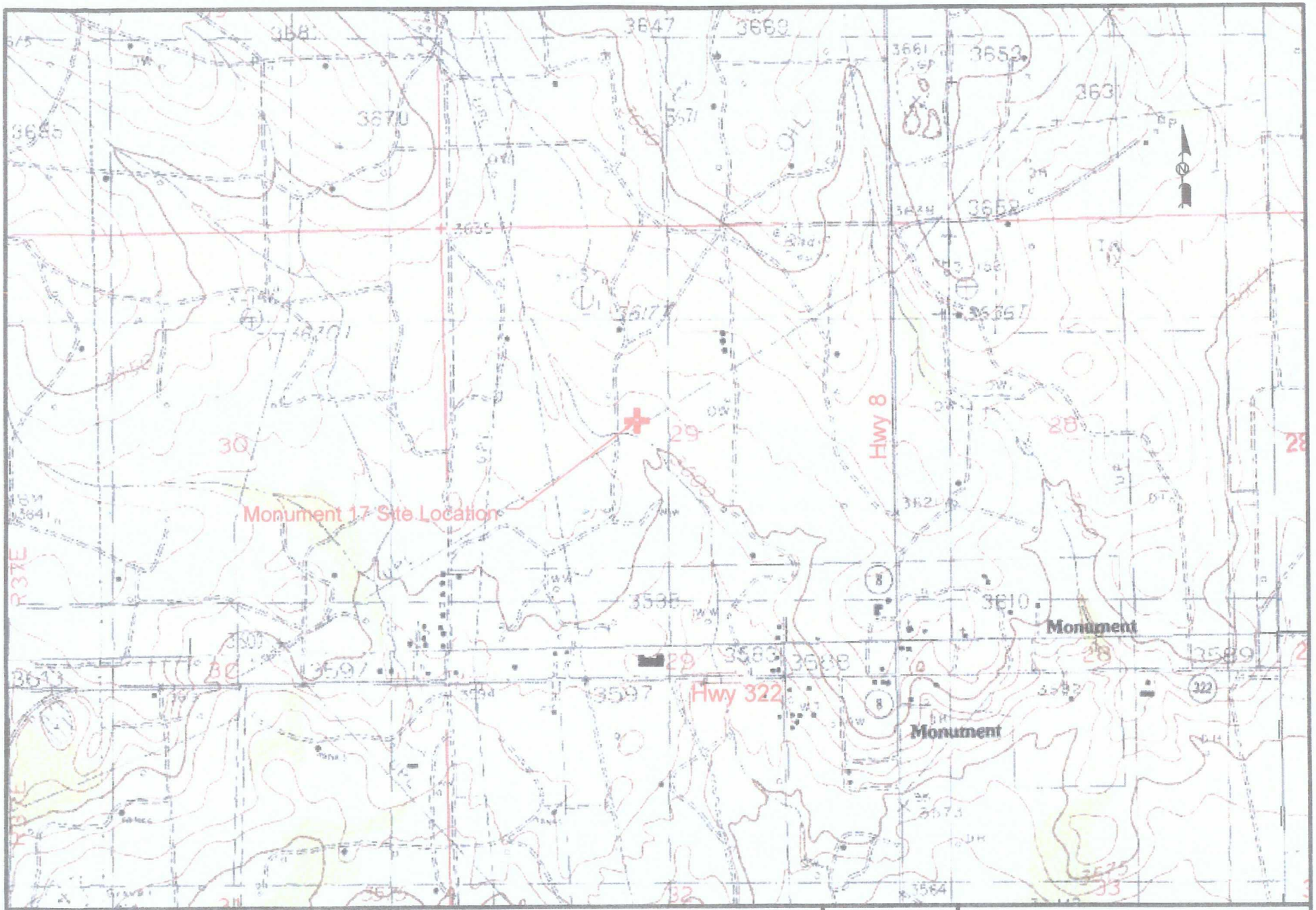
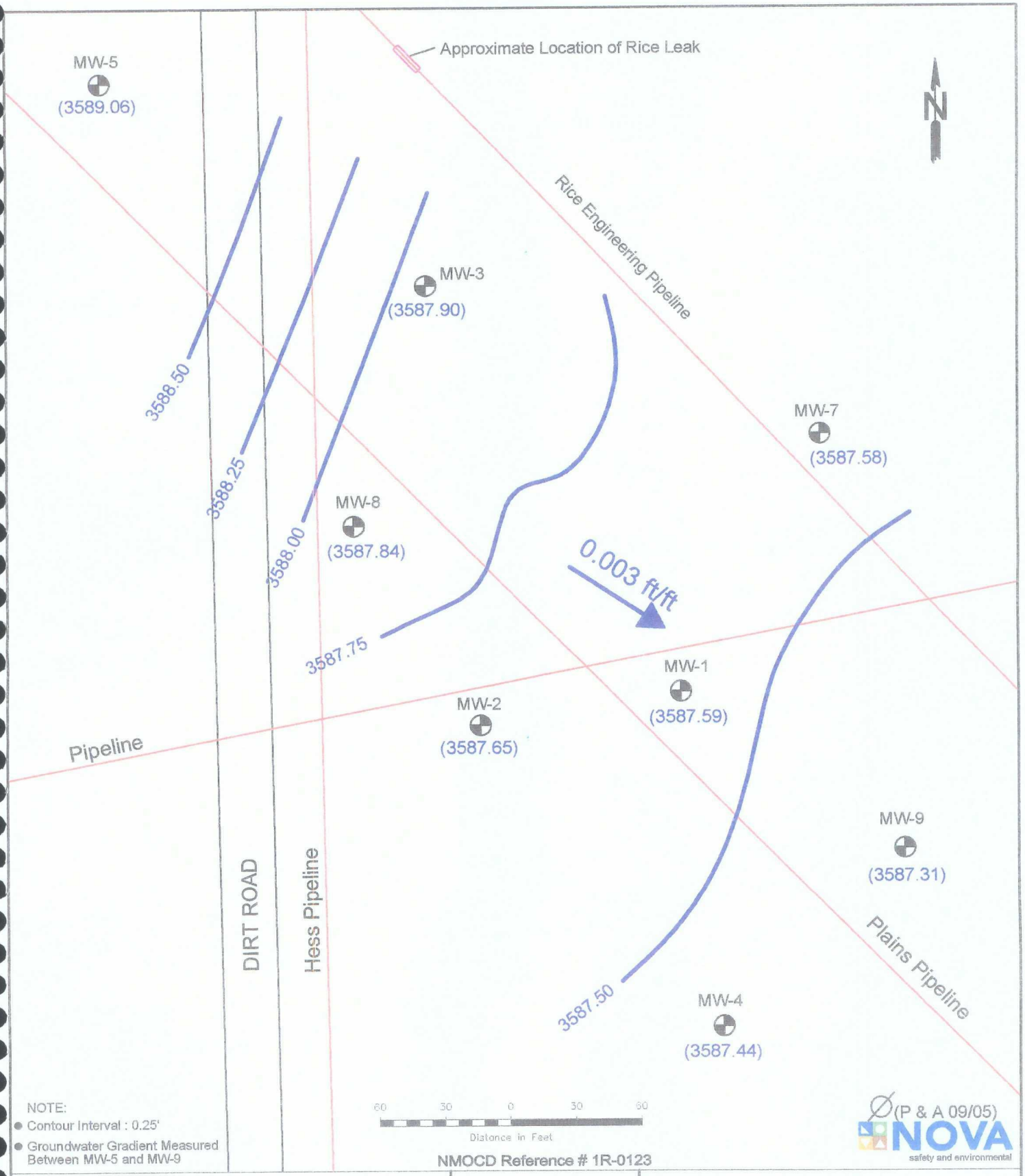


Figure 1
Site Location Map
Plains Marketing, L.P.
Monument 17
Lea County, NM
NMOCD Ref. # 1R-123

NOVA Safety and Environmental

Scale: 1" = 1500'	Prep By: CDS	Checked By: TKC	
March 24, 2008	Section 29 Township 19S Range 37E		
	32° 37' 57.7"N 103° 16' 31.8"W		



NOTE:
- Contour Interval : 0.25'
- Groundwater Gradient Measured Between MW-5 and MW-9

NMOCD Reference # 1R-0123

Ø (P & A 09/05)

NOVA safety and environmental

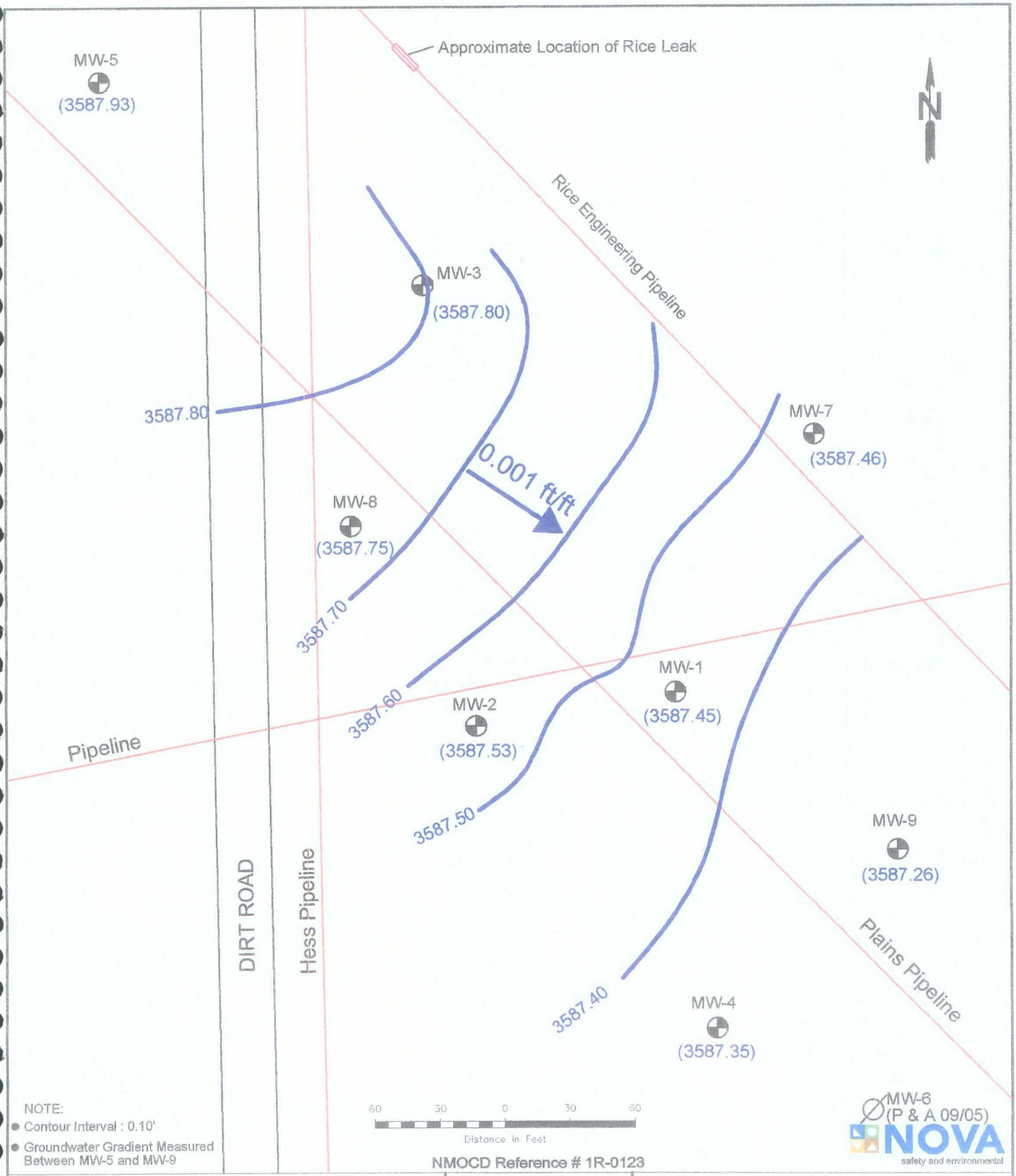
LEGEND:

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

Figure 2A
Inferred Groundwater Gradient Map (02/22/08)
Plains Marketing, L.P.
Monument 17
Lea County, NM

NOVA Safety and Environmental

October 9, 2008	Lat. N32° 37' 57.7" Long. W103° 16' 31.6"	
Scale: 1" = 60'	CAD By: DGC	Checked By: CDS
SE1/4 NW1/4 Sec.29 T19S R37E		



NOTE:
- Contour Interval : 0.10'
- Groundwater Gradient Measured Between MW-5 and MW-9

NMOCD Reference # 1R-0123

NOVA safety and environmental

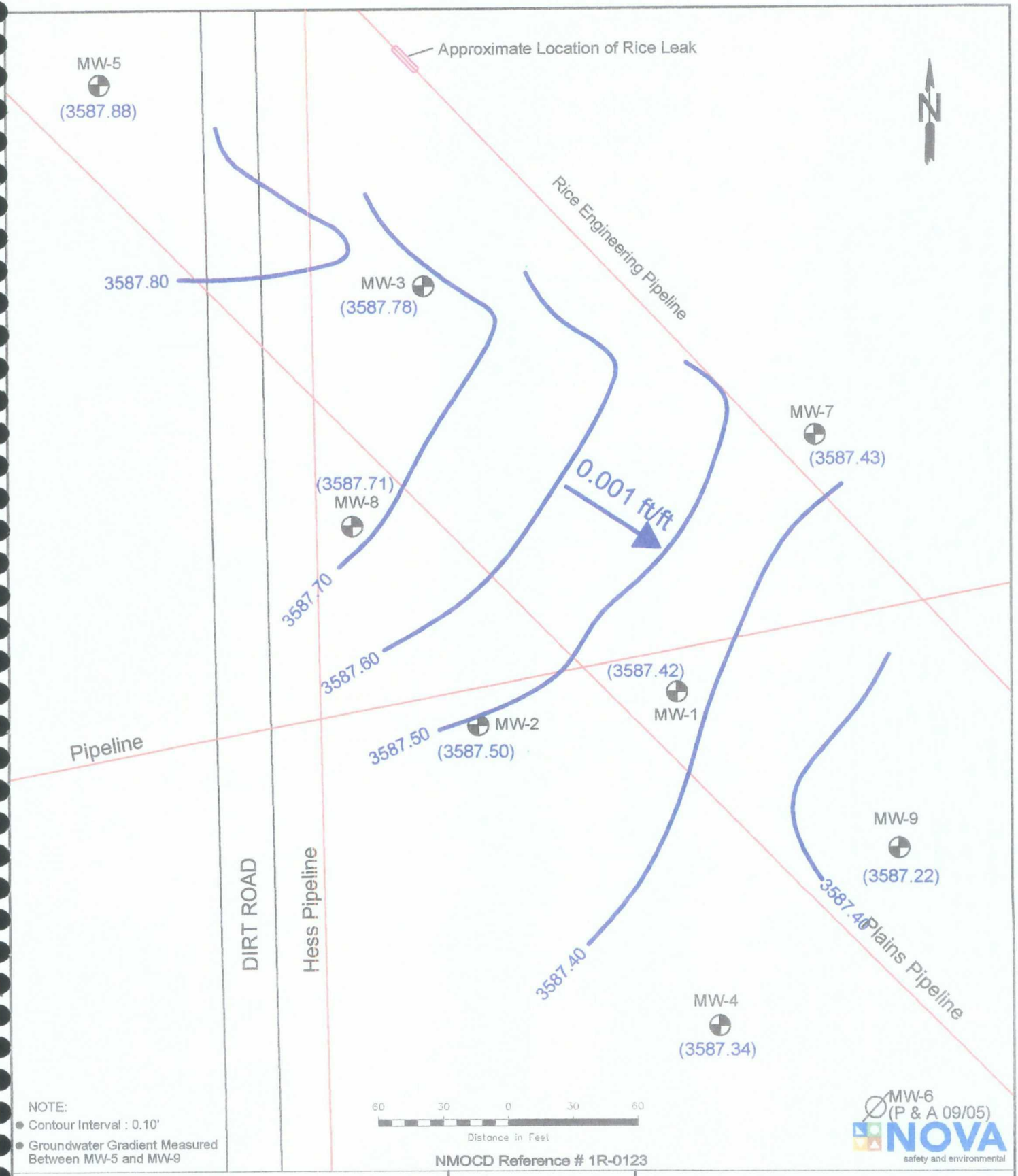
LEGEND:

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

Figure 2B
Inferred Groundwater Gradient Map (05/30/08)
Plains Marketing, L.P.
Monument 17
Lea County, NM

NOVA Safety and Environmental

October 9, 2008	Lat. N32° 37' 57.7" Long. W103° 16' 31.6"	
Scale: 1' = 60'	CAD By: DGC	Checked By: CDS
SE1/4 NW1/4 Sec.29 T19S R37E		



NOTE:
- Contour Interval : 0.10'
- Groundwater Gradient Measured Between MW-5 and MW-9

NMOCD Reference # 1R-0123

NOVA safety and environmental

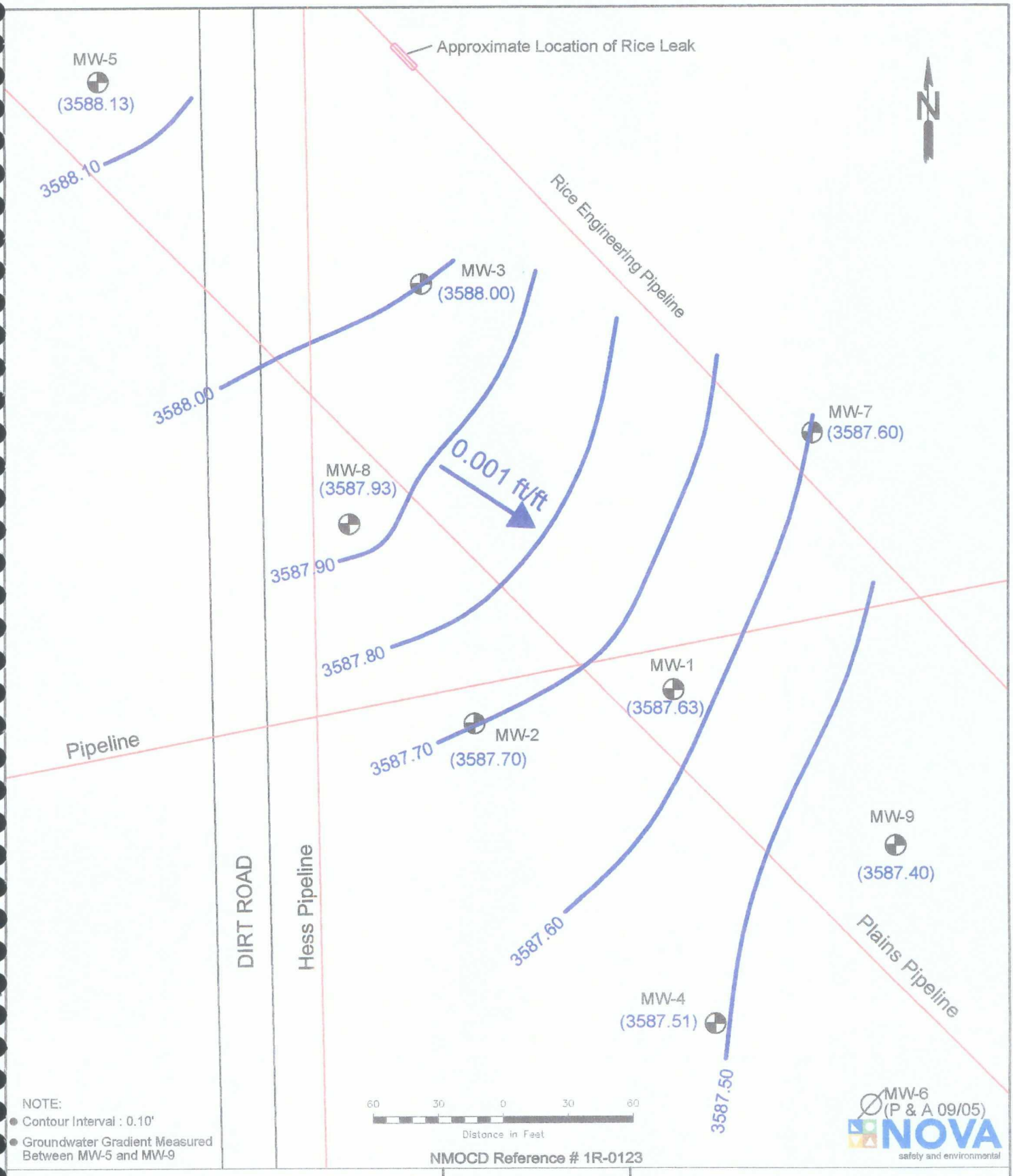
LEGEND:

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

Figure 2C
Inferred Groundwater Gradient Map (08/22/08)
Plains Marketing, L.P.
Monument 17
Lea County, NM

NOVA Safety and Environmental

October 9, 2008	Lat. N32° 37' 57.7" Long. W103° 16' 31.6"	
Scale: 1' = 60'	CAD By: DGC	Checked By: CDS
SE1/4 NW1/4 Sec.29 T19S R37E		



NOTE:
- Contour Interval : 0.10'
- Groundwater Gradient Measured Between MW-5 and MW-9

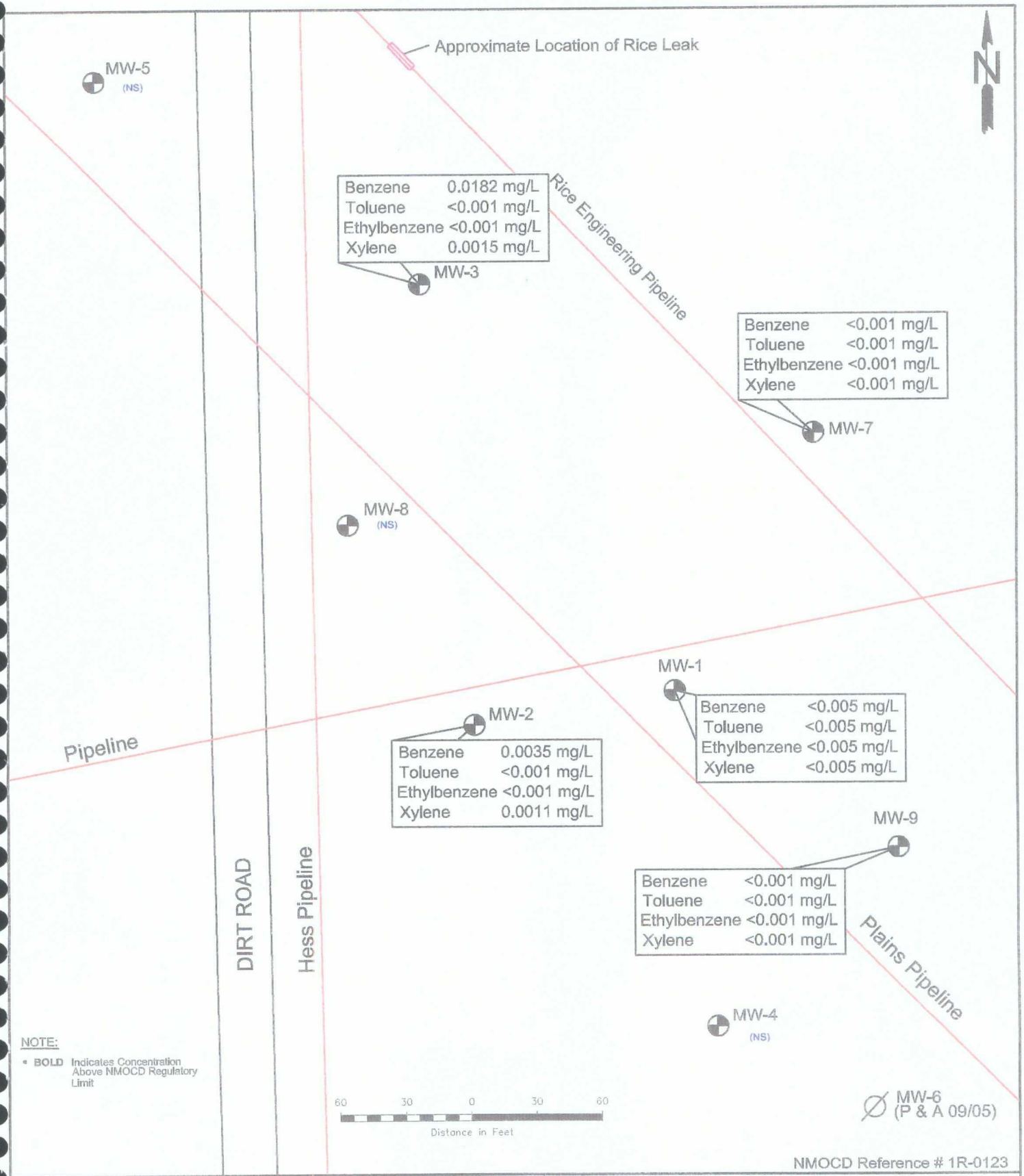
NMOCD Reference # 1R-0123

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

Figure 2D
Inferred Groundwater Gradient Map (11/13/08)
Plains Marketing, L.P.
Monument 17
Lea County, NM

NOVA Safety and Environmental

December 5, 2008	Lat. N32° 37' 57.7" Long. W103° 16' 31.6"	
Scale: 1' = 60'	CAD By: DGC	Checked By: RKR
SE1/4 NW1/4 Sec.29 T19S R37E		



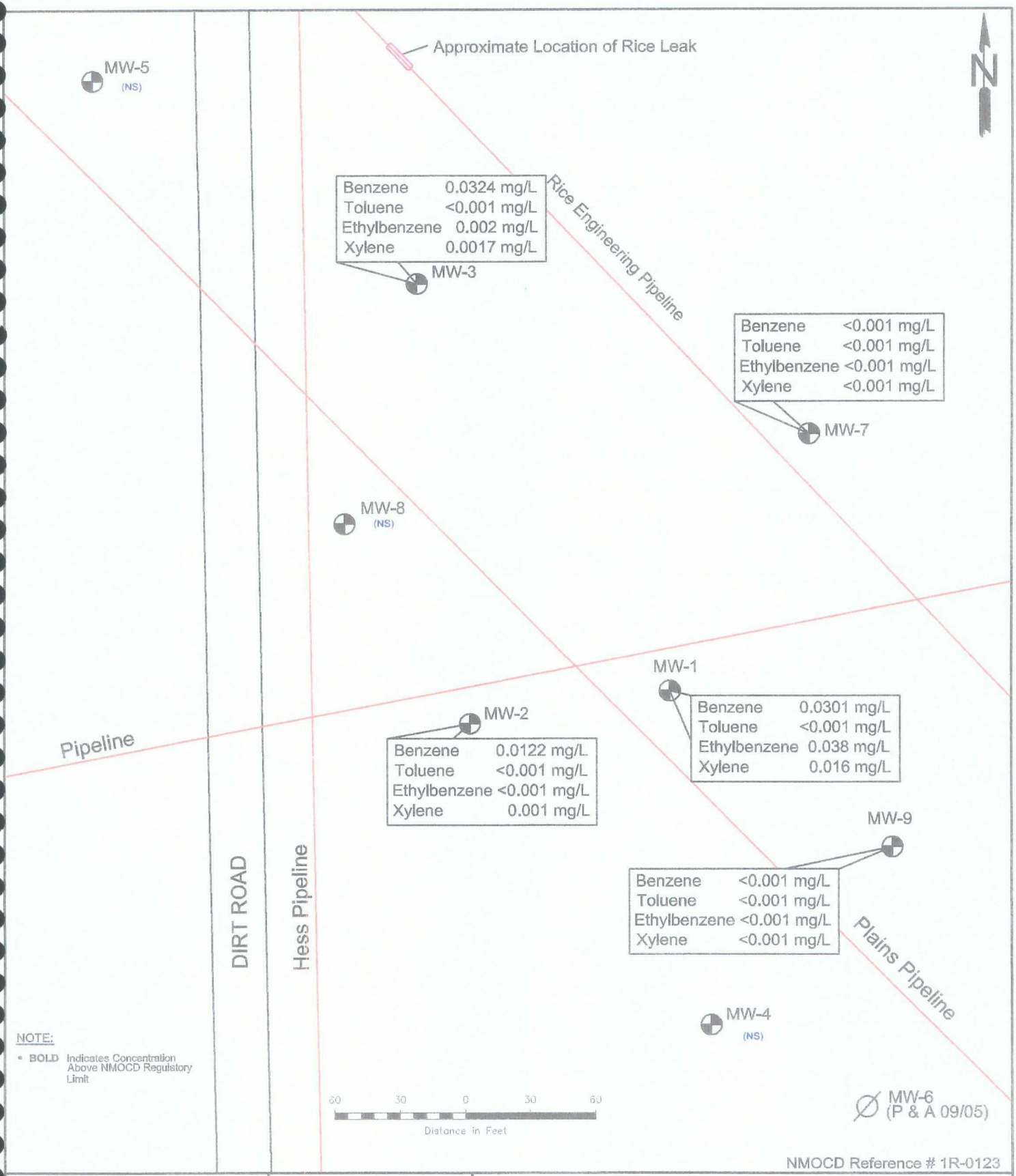
LEGEND:

- Monitor Well Location
- Plugged and Abandoned Well Location
- Pipeline
- <0.001 Constituent Concentration (mg/L)
- (NS) Not Sampled

Figure 3A
Groundwater Concentration and Inferred PSH Extent Map (02/22/08)
Plains Marketing, L.P.
Monument 17
Lea County, NM

NOVA Safety and Environmental

October 9, 2008	Lat. N32° 37' 57.7" Long. W103° 16' 31.6"	
Scale: 1' = 60'	CAD By: DGC	Checked By: CDS
SE1/4 NW1/4 Sec.29 T19S R37E		



LEGEND:

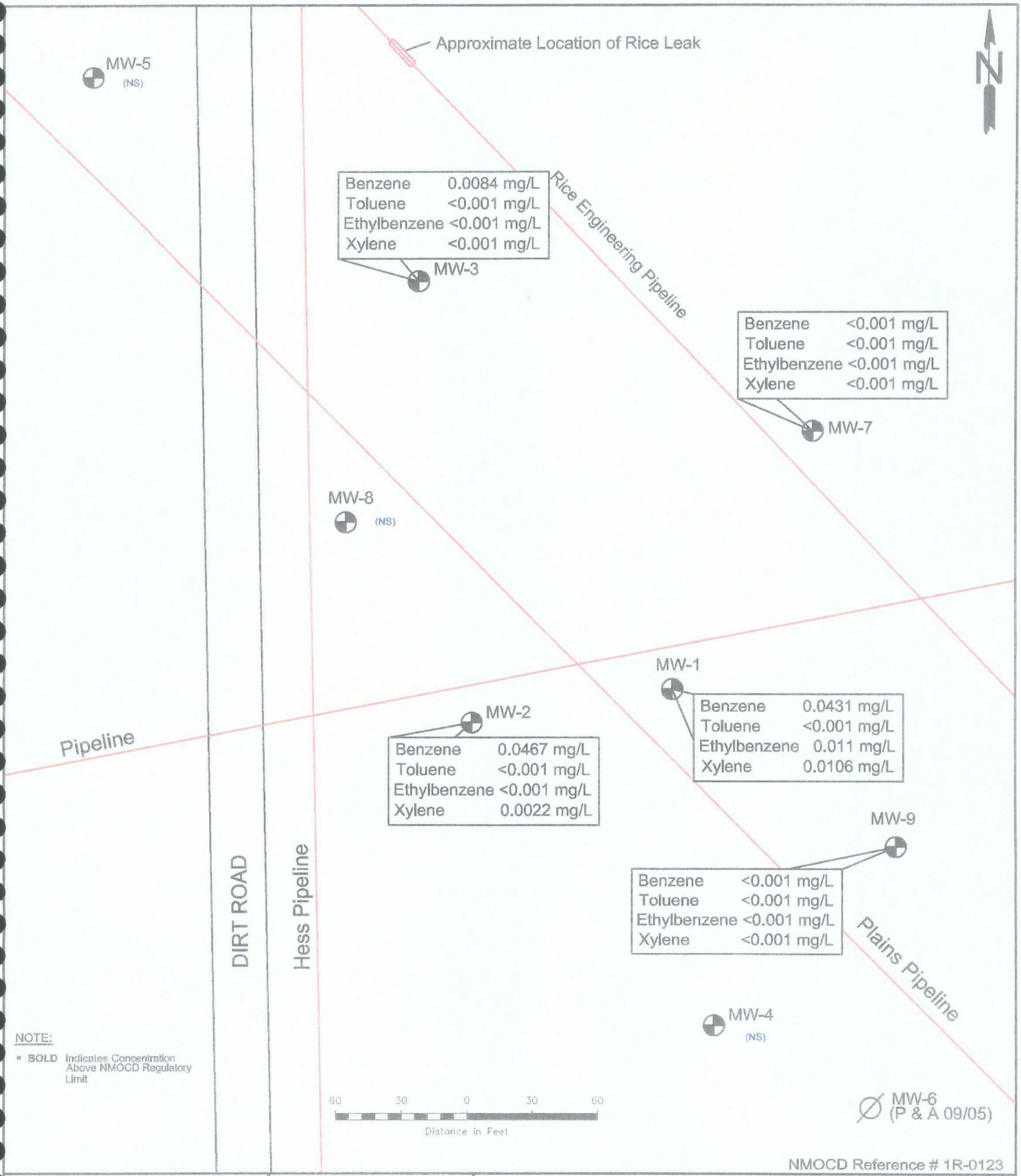
- Monitor Well Location
- Plugged and Abandoned Well Location
- Pipeline
- <0.001 Constituent Concentration (mg/L)
- (NS) Not Sampled

Figure 3B
Groundwater Concentration and Inferred PSH Extent Map (05/30/08)
Plains Marketing, L.P.
Monument 17
Lea County, NM

NOVA Safety and Environmental

NOVA safety and environmental

October 9, 2008	Lat. N32° 37' 57.7" Long. W103° 16' 31.6"	
Scale: 1' = 60'	CAD By: DGC	Checked By: CDS
SE1/4 NW1/4 Sec.29 T19S R37E		



LEGEND:

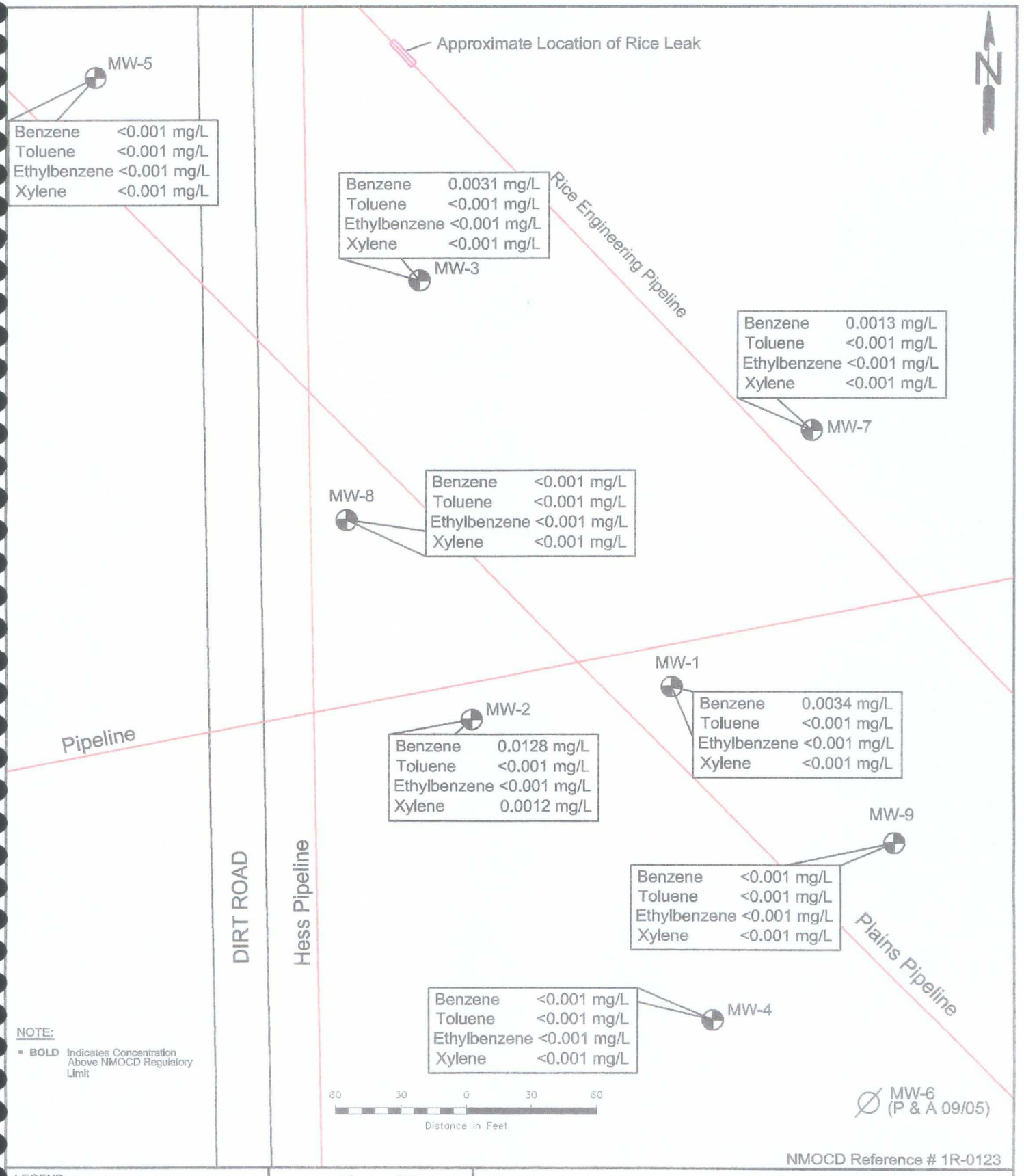
- Monitor Well Location
- Plugged and Abandoned Well Location
- Pipeline
- <0.001 Constituent Concentration (mg/L)
- (NS) Not Sampled

Figure 3C
Groundwater Concentration and Inferred PSH Extent Map (08/22/08)
Plains Marketing, L.P.
Monument 17
Lea County, NM

NOVA Safety and Environmental

NOVA safety and environmental

October 9, 2008	Lat. N32° 37' 57.7" Long. W103° 16' 31.6"	
Scale: 1' = 60'	CAD By: DGC	Checked By: CDS
SE1/4 NW1/4 Sec.29 T19S R37E		



LEGEND:

- Monitor Well Location
- Plugged and Abandoned Well Location
- Pipeline
- <0.001 Constituent Concentration (mg/L)
- (NS) Not Sampled

Figure 3D
Groundwater Concentration and Inferred PSH Extent Map (11/13/08)
Plains Marketing, L.P.
Monument 17
Lea County, NM

NOVA Safety and Environmental

December 10, 2008	Lat. N32° 37' 57.7" Long. W103° 16' 31.6"	
Scale: 1' = 60'	CAD By: DGC	Checked By: RKR
SE1/4 NW1/4 Sec.29 T19S R37E		

TABLES

TABLE 1

2008 - GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 17
LEA COUNTY, NEW MEXICO
NMOCD Reference # 1R-0123

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	*02/22/08*	3,607.16	-	19.57	0.00	3,587.59
MW - 1	*05/30/08*	3,607.16	-	19.71	0.00	3,587.45
MW - 1	*08/22/08*	3,607.16	-	19.74	0.00	3,587.42
MW - 1	*11/13/08*	3,607.16	-	19.53	0.00	3,587.63
MW - 2	*02/22/08*	3,607.08	-	19.43	0.00	3,587.65
MW - 2	*05/30/08*	3,607.08	-	19.55	0.00	3,587.53
MW - 2	*08/22/08*	3,607.08	-	19.58	0.00	3,587.50
MW - 2	*11/13/08*	3,607.08	-	19.38	0.00	3,587.70
MW - 3	*02/22/08*	3,608.43	-	20.53	0.00	3,587.90
MW - 3	*05/30/08*	3,608.43	-	20.63	0.00	3,587.80
MW - 3	*08/22/08*	3,608.43	-	20.65	0.00	3,587.78
MW - 3	*11/13/08*	3,608.43	-	20.43	0.00	3,588.00
MW - 4	*02/22/08*	3,606.12	-	18.68	0.00	3,587.44
MW - 4	*05/30/08*	3,606.12	-	18.77	0.00	3,587.35
MW - 4	*08/22/08*	3,606.12	-	18.78	0.00	3,587.34
MW - 4	*11/13/08*	3,606.12	-	18.61	0.00	3,587.51
MW - 5	*02/22/08*	3,610.17	-	21.11	0.00	3,589.06
MW - 5	*05/30/08*	3,610.17	-	22.24	0.00	3,587.93
MW - 5	*08/22/08*	3,610.17	-	22.29	0.00	3,587.88
MW - 5	*11/13/08*	3,610.17	-	22.04	0.00	3,588.13
MW - 7	01/11/08	3,607.38	-	19.76	0.00	3,587.62
MW - 7	*02/22/08*	3,607.38	-	19.80	0.00	3,587.58
MW - 7	04/25/08	3,607.38	-	19.89	0.00	3,587.49
MW - 7	05/30/08	3,607.38	-	19.92	0.00	3,587.46
MW - 7	07/03/08	3,607.38	-	19.94	0.00	3,587.44
MW - 7	08/01/08	3,607.38	-	19.94	0.00	3,587.44
MW - 7	08/19/08	3,607.38	-	19.96	0.00	3,587.42
MW - 7	*08/22/08*	3,607.38	-	19.95	0.00	3,587.43
MW - 7	09/25/08	3,607.38	-	19.94	0.00	3,587.44
MW - 7	10/01/08	3,607.38	-	20.00	0.00	3,587.38
MW - 7	10/23/08	3,607.38	-	19.44	0.00	3,587.94
MW - 7	10/28/08	3,607.38	-	19.79	0.00	3,587.59
MW - 7	11/06/08	3,607.38	-	19.80	0.00	3,587.58
MW - 7	*11/13/08*	3,607.38	-	19.75	0.00	3,587.63
MW - 7	11/13/08	3,607.38	-	19.78	0.00	3,587.60
MW - 8	*02/22/08*	3,607.99	-	20.15	0.00	3,587.84
MW - 8	*05/30/08*	3,607.99	-	20.24	0.00	3,587.75
MW - 8	*08/22/08*	3,607.99	-	20.28	0.00	3,587.71
MW - 8	*11/13/08*	3,607.99	-	20.06	0.00	3,587.93
MW - 9	*02/22/08*	3,606.83	-	19.52	0.00	3,587.31
MW - 9	*05/30/08*	3,606.83	-	19.57	0.00	3,587.26
MW - 9	*08/22/08*	3,606.83	-	19.61	0.00	3,587.22
MW - 9	*11/13/08*	3,606.83	-	19.43	0.00	3,587.40

Elevations based on the North America Vertical Datum of 1929.

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

TABLE 2

2008 - CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 17
LEA COUNTY, NEW MEXICO
NMOCD Reference # 1R-0123

All Concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	Methods:SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o-XYLENE
NMOCD Regulatory Limit		0.0100	0.75	0.75	Total XYLENES	
					0.62	
MW-1	*02/22/08*	<0.005	<0.005	<0.005	<0.005	
MW-1	*05/30/08*	0.0301	<0.001	0.0380	0.0160	
MW-1	*08/22/08*	**0.0431**	<0.001	0.0110	0.0106	
MW-1	*11/13/08*	0.0034	<0.001	<0.001	<0.001	
MW - 2	*02/22/08*	0.0035	<0.001	<0.001	0.0011	
MW - 2	*05/30/08*	**0.0122**	<0.001	<0.001	0.001	
MW - 2	*08/22/08*	**0.0467**	<0.001	<0.001	0.00220	
MW - 2	*11/13/08*	**0.0128**	<0.001	<0.001	0.0012	
MW - 3	*02/22/08*	**0.0182**	<0.001	<0.001	0.00150	
MW - 3	*05/30/08*	**0.0329**	<0.001	0.002	0.00170	
MW - 3	*08/22/08*	0.0084	<0.001	<0.001	<0.001	
MW - 3	*11/13/08*	0.0031	<0.001	<0.001	<0.001	
MW - 4	*02/22/08*	Not Sampled on Current Sample Schedule				
MW - 4	*05/30/08*	<0.001	<0.001	<0.001	<0.001	
MW - 4	*08/22/08*	Not Sampled on Current Sample Schedule				
MW - 4	*11/13/08*	<0.001	<0.001	<0.001	<0.001	
MW - 5	*02/22/08*	Not Sampled on Current Sample Schedule				
MW - 5	*05/30/08*	Not Sampled on Current Sample Schedule				
MW - 5	*08/22/08*	Not Sampled on Current Sample Schedule				
MW - 5	*11/13/08*	<0.001	<0.001	<0.001	<0.001	
MW - 7	*02/26/08*	<0.001	<0.001	<0.001	<0.001	
MW - 7	*05/30/08*	<0.001	<0.001	<0.001	<0.001	
MW - 7	*08/22/08*	<0.001	<0.001	<0.001	<0.001	
MW - 7	*11/13/08*	0.0013	<0.001	<0.001	<0.001	
MW - 8	*02/22/08*	Not Sampled on Current Sample Schedule				
MW - 8	*05/30/08*	Not Sampled on Current Sample Schedule				
MW - 8	*08/22/08*	Not Sampled on Current Sample Schedule				
MW - 8	*11/13/08*	<0.001	<0.001	<0.001	<0.001	
MW-9	*02/22/08*	<0.001	<0.001	<0.001	<0.001	
MW-9	*05/30/08*	<0.001	<0.001	<0.001	<0.001	
MW-9	*08/22/08*	<0.001	<0.001	<0.001	<0.001	
MW-9	*11/13/08*	<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 - 2008

PLAINS MARKETING, L.P.
MONUMENT 17
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER 1R-123

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	11/13/08	<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	0.000861
MW-2	11/13/08	<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-3	11/13/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000252	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00159
MW-4	11/13/08	<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-5	11/13/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000408	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00117
MW-7	11/13/08	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	0.00262	<0.000926	<0.000926	0.00123	<0.000926	<0.000926	<0.000926	0.0065
MW-8	11/13/08	<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-9	11/13/08	<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	0.000223

APPENDICES

APPENDIX A:
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 # 17	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	29	19S	37E					Lea

Latitude 32 degrees 37' 57.7" N **Longitude** 103 degrees 16' 31.6" W

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