

1R - 0123

WORK PLANS

DATE:

JUNE 2006



**PLAINS
PIPELINE**

June 28, 2006

1R-123
Work Plan
June 2006

Mr. Ben Stone
New Mexico Oil Conservation Division
Environmental Bureau
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Plains Pipeline Soil Investigation Work Plan
Monument 17 Release Site
SE ¼, NW ¼ of Section 29, Township 19 South, Range 37 East
Lea County, New Mexico

Dear Mr. Stone:

1R-123

Please find attached for your approval the Soil Investigation Work Plan, dated June 2006, for the Monument 17 release site located in Section 29 of Township 19 South and Range 37 East of Lea County, New Mexico. The Soil Investigation Work Plan details site activities conducted to date and future activities for soil closure of the site.

Should you have any questions or comments, please contact me at (505) 441-0965.

Sincerely,

Camille Reynolds

Camille Reynolds
Remediation Coordinator
Plains All American Pipeline

Cc: Larry Johnson, NMOCD, Hobbs Office

Enclosure



SOIL INVESTIGATION WORK PLAN

MONUMENT 17

LEA COUNTY, NEW MEXICO
SE ¼ NW ¼ SECTION 29, TOWNSHIP 19 SOUTH, RANGE 37 EAST
PLAINS EMS NUMBER: TNM MONUMENT-17 KNOWN
NMOCD REFERENCE 1R-0123

Prepared For:

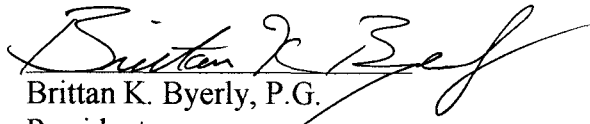
PLAINS MARKETING, L.P.
333 CLAY STREET, SUITE 1600
HOUSTON, TEXAS 77002



Prepared By:

NOVA Safety and Environmental
2057 Commerce Street
Midland, Texas 79703

June 2006


Brittan K. Byerly, P.G.
President


Todd K. Choban, P.G.
Vice-President Technical Services

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1.0 INTRODUCTION

On behalf of Plains Marketing, L.P., (Plains), NOVA Safety and Environmental (NOVA) is pleased to submit this Soil Investigation Work Plan for the site known as TNM Monument 17. The purpose of this Soil Investigation Work Plan is to summarize known soil data and propose a plan for the delineation of hydrocarbon impacted soil at the site. A Site Location Map is provided as Figure 1. The legal description of the site is the SE ¼ NW ¼ Section 29, Township 19 South, Range 37 East.

2.0 SITE BACKGROUND

No information with respect to the release date, volume of crude oil released and recovered, excavation dimensions or pipeline repair is available as this release occurred while the pipeline was operated by Texas New Mexico Pipe Line Company (TNM). The initial site investigation, which consisted of advancing five (5) soil borings and the installation of eight (8) groundwater monitor wells (MW-1 through MW-8), was conducted by previous consultants. Monitor well MW-9 was installed in November of 2004 to further delineate the groundwater plume and to gain information on vadose hydrocarbon concentrations to the east of the suspected release point. On September 13, 2005, monitor well MW-6 was plugged and abandoned with New Mexico Oil Conservation Division (NMOCD) approval granted on June 22, 2005. A total of eight groundwater monitor wells (MW-1 through MW-5 and MW-7 through MW-9) are located on the site. A Site Map is provided as Figure 2.

3.0 LEAK ZONE INVESTIGATION

3.1 Review of Soil Data

No known information exists regarding the magnitude of the release, emergency response activities, or pipeline repair.

On March 17, 1997, soil borings B17-1 through B17-5 were advanced to refusal utilizing a direct-push hydraulic sampling system. On April 2 and April 4, 1997, an air rotary drilling rig was mobilized to advance soil borings B17-2 through B17-5 to the apparent depth of groundwater of approximately 20 feet below ground surface (bgs). Monitor wells MW-1, MW-2 and MW-3 were installed in the locations of soil boring B17-3, B17-4 and B17-4, respectively. Documentation indicates the previous contractor observed impacted soil from ground level to the groundwater table, based on analytical data, as well as field Photo-Ionization Detector (PID) readings in each of the five (5) soil borings. Phase Separated Hydrocarbons (PSH) was not detected in any the monitor wells.

On January 22, 1998, monitor wells MW-4 and MW-5 were installed down gradient and up gradient, respectively of the suspected leak source. Analytical data and field observations indicated that soil encountered in monitor wells MW-4 and MW-5 was not hydrocarbon impacted above regulatory standards.

On July 14, 1998, monitor wells MW-6, MW-7 and MW-8 were installed to further delineate the vertical and horizontal extent of hydrocarbon impact at the site. Analytical and field observations indicated that soil encountered in monitor wells MW-6, MW-7 and MW-8 was not hydrocarbon impacted above regulatory standards

On November 4, 2004, monitor well MW-9 was installed in the down gradient direction of the hydrocarbon impacted groundwater zone to more fully delineate the extent of groundwater impact at the site. During installation of monitor well MW-9, soil samples were collected at 10 feet below ground surface (bgs) and 20 feet bgs. Analytical results of the soil samples indicate that no Benzene, Toluene, Ethyl-benzene, and total Xylene constituents (BTEX) exist above detection limits of the analytical method at the tested depth. Analysis of Gasoline Range Organics (GRO) and Diesel Range Organics (DRO) analytes also indicated no detectable hydrocarbons in the tested soil samples.

On June 9, 2006, during a regular site visit NOVA personnel observed an open trench along a six (6) inch asbestos/cement pipeline operated by Rice Operating, Inc. The trench is located in an upgradient position with regard to the TNM-Monument #17 site. On June 13, 2006, the Hobbs office of the NMOCD confirmed that a saltwater and crude oil release had occurred from the Rice Operating pipeline during December 2005.

3.2 Proposed Soil Investigation Activities

Based upon the distribution of dissolved phase hydrocarbons in the groundwater, the site's inferred groundwater gradient (Figure 3), surficially disturbed area where no mesquite trees have re-established and the previous soil data, five soil borings are proposed around the former TNM pipeline and two other pipelines in the immediate area. Based upon the results of the five soil borings, additional soil borings may be installed if needed to delineate further hydrocarbon impact. Please refer to Figure 4 for proposed locations of the initial five soil borings. The five soil borings are being proposed to define the extent of any remaining vadose zone hydrocarbons both vertically and horizontally. If hydrocarbon contamination is identified which exceeds NMOCD cleanup standards, a work plan will be developed based upon the data collected during installation of the soil borings to address any areas of concern.

Soil samples will be collected on five-foot intervals (upon refusal of the sampling device, samples will be collected at the next possible foot interval) to a total depth of each soil boring. Each soil boring will be drilled to a depth of approximately 20 feet. An adequate number of soil borings will be advanced to delineate the horizontal and vertical area of existing hydrocarbon impacted soil at the site. Please refer to Figure 4 (Proposed Soil Boring Location Map) for locations of proposed soil borings.

Select soil samples will be submitted to the laboratory based on field observations and PID readings. Samples will be collected and placed into glassware provided by Trace Analysis in Lubbock, Texas. The samples will then be placed on ice in the field to be cooled to approximately 4°C prior to being transported in the laboratory. Strict chain-of-custody documentation will be maintained at all times. Samples will be analyzed for

BTEX utilizing EPA Method SW 846-8021b and for Total Petroleum Hydrocarbons (TPH) by SW846-8015 gas and diesel range organics.

4.0 SUMMARY OF PROPOSED ACTIVITIES

Plains proposes the following actions intended to progress Monument 17 towards NMOCD approved closure:

- Install five soil borings along and around the former TNM pipeline to locate (if existent) and delineate remaining hydrocarbon soil impact.
- Submit select soil samples to laboratory analysis for documentation.
- Prepare report documenting soil delineation findings and work plan for addressing any impact above NMOCD cleanup standards.

5.0 REPORTING

A Soil Investigation Report and Work Plan for Soil Remediation (if required) will be prepared utilizing the results of the soil investigation.

6.0 LIMITATIONS

NOVA has prepared this Soil Investigation Work Plan 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.

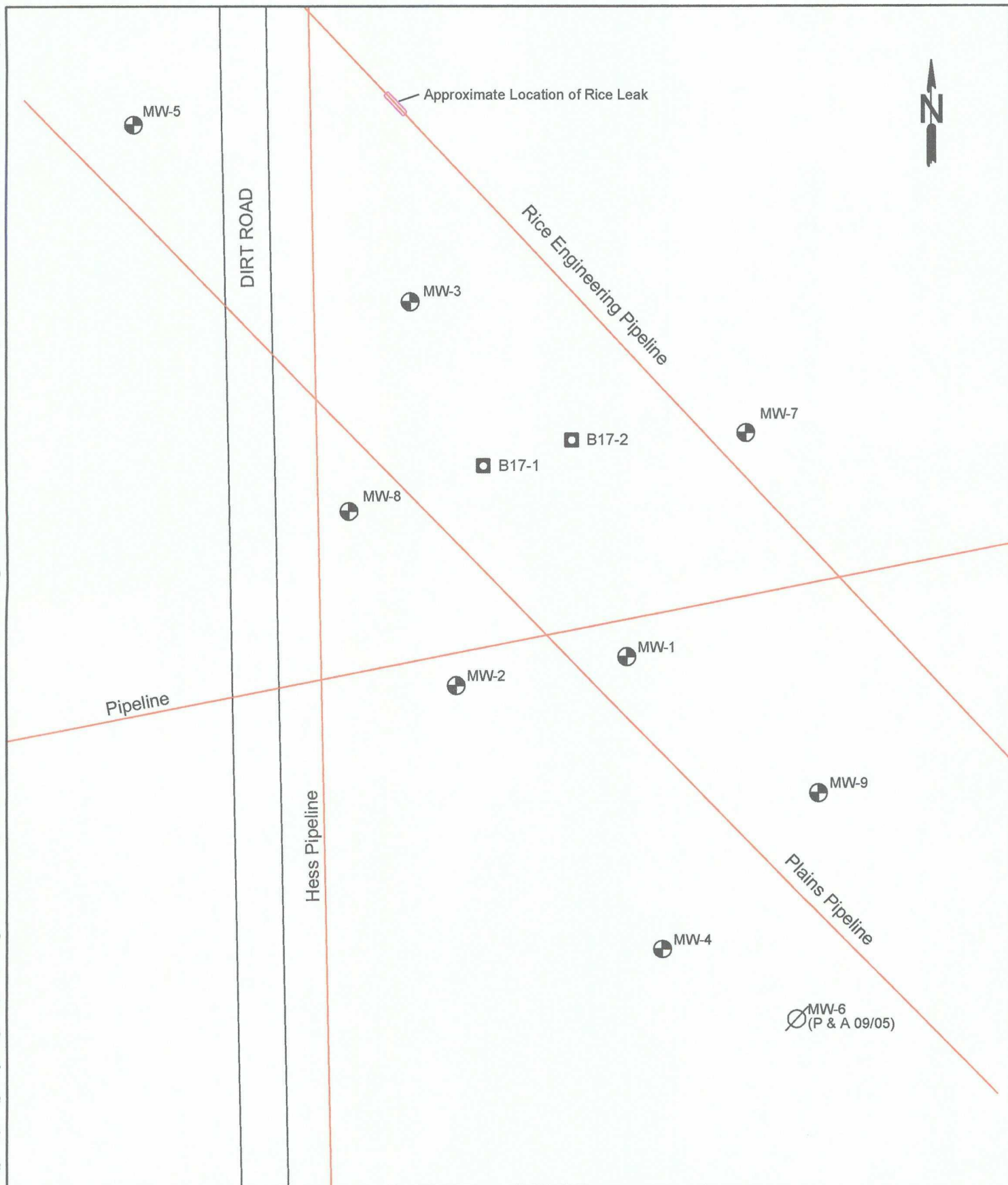
This report has been prepared for the benefit of Plains. The information contained in this report including all exhibits and attachments may not be used by any other party without the express written consent of NOVA and/or Plains.

7.0 DISTRIBUTION

- Copy 1 Ben Stone
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505
- Copy 2: Larry Johnson and Paul Sheeley
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division, District 1
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Hobbs, NM 88240
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cstanley@novatraining.cc



Figures



LEGEND:

 Monitor Well Locations

**Figure 2
Site Map**

**Plains Pipeline, L.P.
Monument 17
Lea County, NM**

NOVA Safety and Environmental

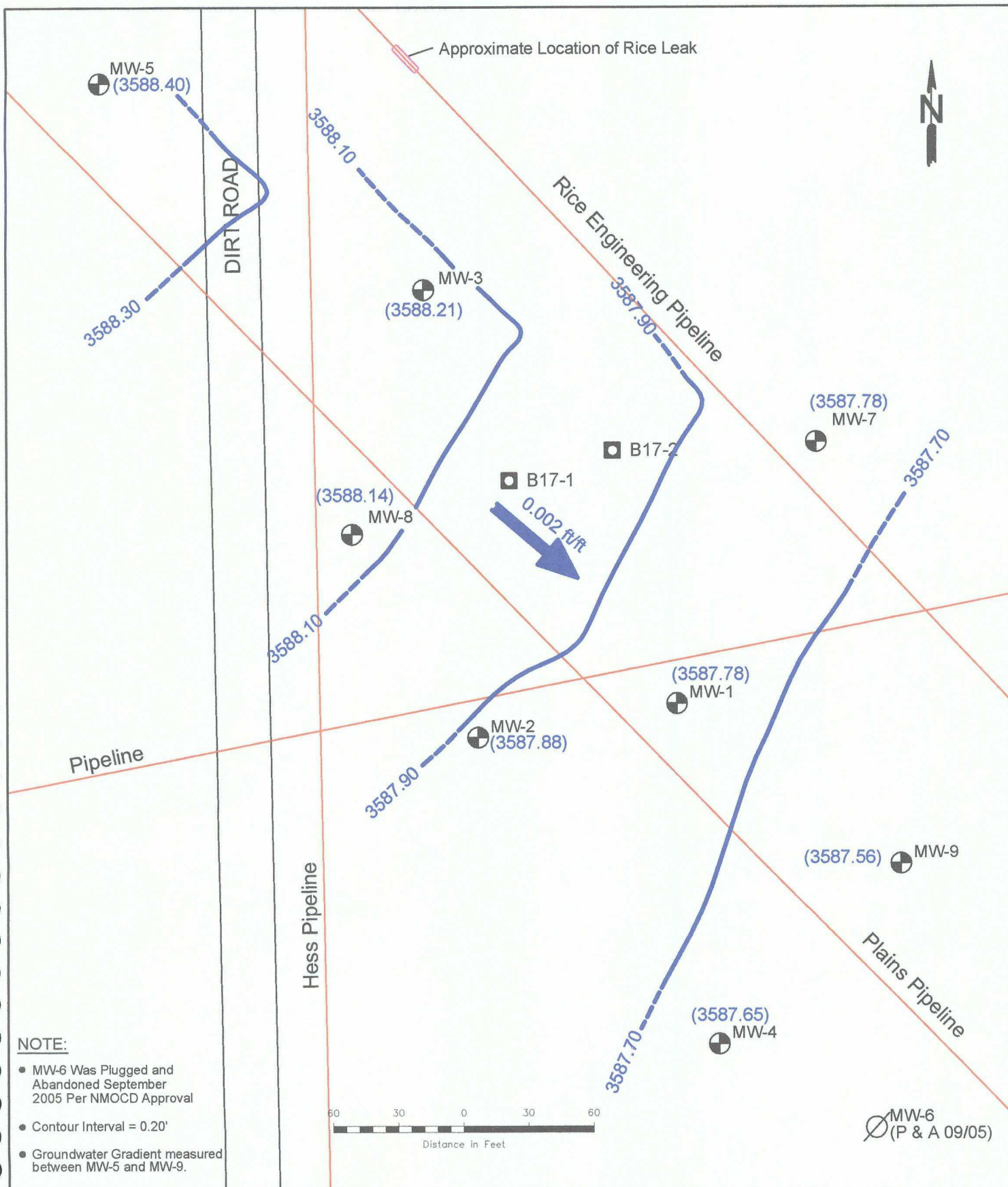


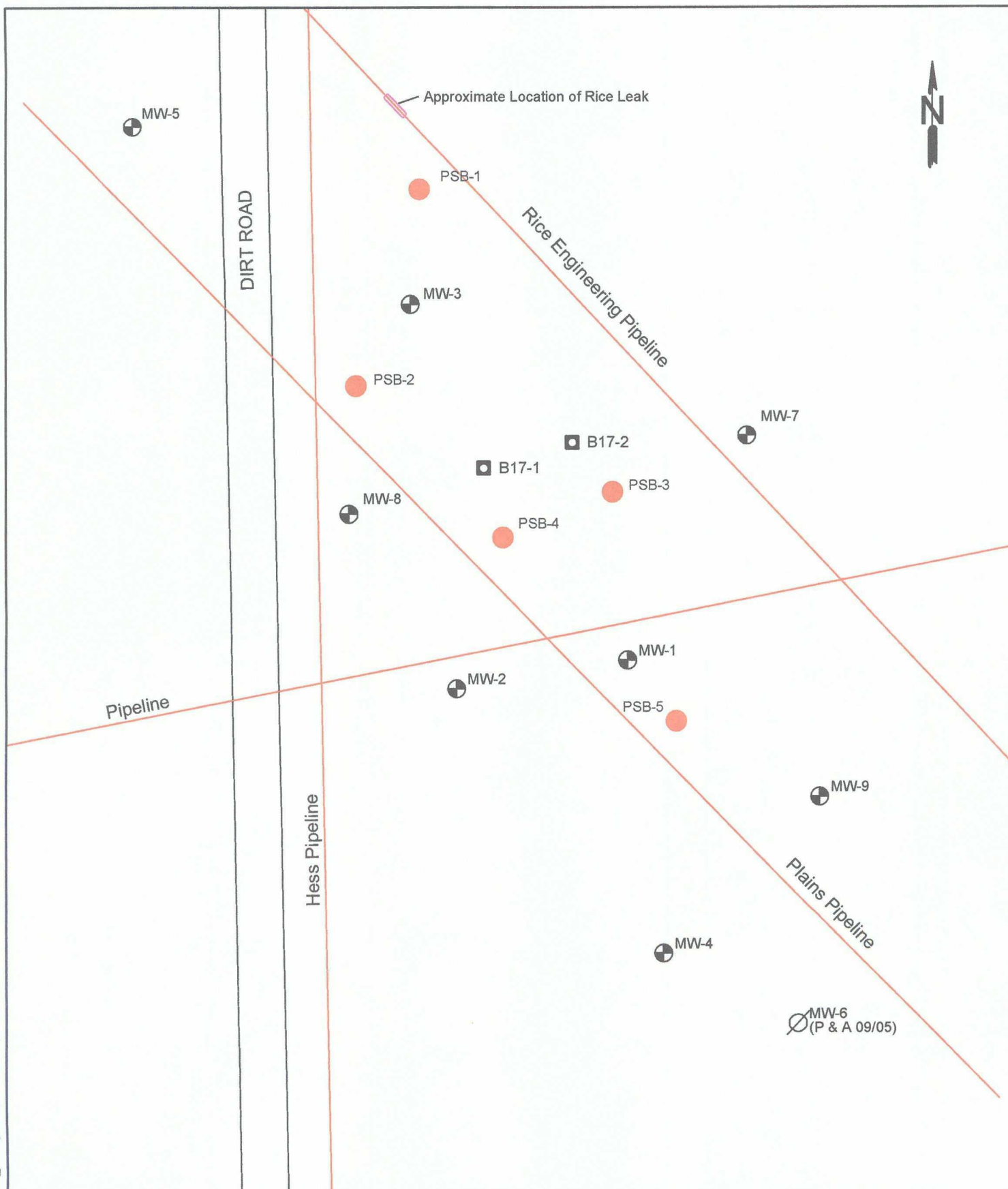
Scale: 1' = 70'

Prep By: CS

Checked By: TKC

September 2, 2004





LEGEND:

- Monitor Well Locations
- Soil Boring Location
- PSB-4
- Proposed Soil Boring Location
- Pipeline

Figure 4
Proposed Soil Boring
Location Map
Plains Marketing, L.P.
Monument 17
Lea County, NM



NOVA Safety and Environmental

Scale: 1" = 70'	Prep By: CS	Checked By: TKC
September 2, 2004		



Tables

TABLE 1
CONCENTRATIONS OF TPH AND BTEX IN SOIL

MONUMENT #17
PLAINS MARKETING, L.P.
MONUMENT, NEW MEXICO

SAMPLE LOCATION	SAMPLE DATE	SAMPLE DEPTH (feet)	Methods: EPA SW 846-8021B, 5030					Method EPA 418.1	Methods: EPA SW 846-8015M GRO/DRO	
			BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL-BENZENE (mg/kg)	m,p-XYLENE (mg/kg)	o-XYLENE (mg/kg)		GRO C6-C10 (mg/kg)	DRO >C10-C25 (mg/kg)
B17-1	03/17/97	1-2	0.53	4.21	13.50	14.43		2,620		
B17-1	03/17/97	3-4	13.10	66.50	109.00	122.05		11,200		
B17-1	03/17/97	23-24	0.242	0.298	0.652	0.497		90.5		
B17-1	03/17/97	26-27	<0.02	<0.02	<0.02	<0.04		45.5		
B17-2	03/17/97	1-2	<0.02	<0.02	<0.02	<0.04		267		
B17-2	04/02/97	5-6	0.44	9.88	31.30	26.31		2,310		
B17-2	04/02/97	10	<0.02	<0.02	0.023	<0.04		32		
B17-2	04/02/97	20	<0.02	<0.02	0.023	<0.04		11		
B17-3 (MW-1)	04/02/97	5	5.58	10.60	49.60	51.70		4,430		
B17-3 (MW-1)	04/02/97	20	<0.02	<0.02	0.023	<0.04		11.5		
B17-4 (MW-2)	04/04/97	5	<0.02	<0.02	1.25	1.77		215		
B17-4 (MW-2)	04/04/97	20	<0.02	<0.02	0.023	<0.04		<10		
B17-5 (MW-3)	04/04/97	5	0.036	0.175	6.6	5.038		725		
B17-5 (MW-3)	04/04/97	20	<0.02	<0.02	0.023	<0.04		<10		
MW17-4	01/22/98	1-2	<0.02	<0.02	<0.02	<0.04		31.3		
MW17-4	01/22/98	10-12	<0.02	<0.02	<0.02	<0.04		61.8		
MW17-4	01/22/98	17-19	<0.02	<0.02	<0.02	<0.04		28.4		
MW17-5	01/22/98	5-6	<0.02	<0.02	<0.02	<0.04		57.2		
MW17-5	01/22/98	10-11	<0.02	<0.02	<0.02	<0.04		37.9		
MW17-5	01/22/98	16-18	<0.02	<0.02	<0.02	<0.04		79.1		
MW17-6	07/14/98	0-2	<0.02	<0.02	<0.02	<0.04		9.6		
MW17-6	07/14/98	6-8	<0.02	<0.02	<0.02	<0.04		8.7		
MW17-6	07/14/98	13-15	<0.02	<0.02	<0.02	<0.04		6.1		
MW17-7	07/14/98	0-2	<0.02	<0.02	<0.02	<0.04		<10		
MW17-7	07/14/98	13-15	<0.02	<0.02	<0.02	<0.04		<10		
MW17-7	07/14/98	20-22	<0.02	<0.02	<0.02	<0.04		<10		
MW-17-8	07/14/98	0-2	<0.02	<0.02	<0.02	<0.04		7.4		
MW-17-8	07/14/98	2-4	<0.02	<0.02	<0.02	<0.04		86.5		
MW-17-8	07/14/98	13-15	<0.02	<0.02	<0.02	<0.04		10.1		
MW-9	11/04/04	10'	<0.01	<0.01	<0.01	<0.01			<1	<50
MW-9	11/04/04	20'	<0.01	<0.01	<0.01	<0.01			<1	<50

TABLE 2
GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
MONUMENT 17
LEA COUNTY, NEW MEXICO

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	01/17/00	3,607.16	-	19.95	0.00	3,587.21
	04/10/00	3,607.16	-	20.08	0.00	3,587.08
	08/31/00	3,607.16	-	19.71	0.00	3,587.45
	12/18/00	3,607.16	-	19.89	0.00	3,587.27
	03/13/01	3,607.16	-	19.88	0.00	3,587.28
	05/30/01	3,607.16	-	19.88	0.00	3,587.28
	09/12/01	3,607.16	-	20.05	0.00	3,587.11
	11/17/01	3,607.16	-	20.03	0.00	3,587.13
	02/12/02	3,607.16	-	20.10	0.00	3,587.06
	05/15/02	3,607.16	-	20.02	0.00	3,587.14
	09/12/02	3,607.16	-	20.09	0.00	3,587.07
	11/18/02	3,607.16	-	19.91	0.00	3,587.25
	02/17/03	3,607.16	-	19.98	0.00	3,587.18
	05/19/03	3,607.16	-	20.17	0.00	3,586.99
	08/25/03	3,607.16	-	20.32	0.00	3,586.84
	11/21/03	3,607.16	-	20.35	0.00	3,586.81
	02/23/04	3,607.16	-	20.32	0.00	3,586.84
	05/13/04	3,607.16	-	19.33	0.00	3,587.83
	08/26/04	3,607.16	-	19.87	0.00	3,587.29
	12/13/04	3,607.16	-	17.85	0.00	3,589.31
	03/14/05	3,607.16	-	18.84	0.00	3,588.32
	06/24/05	3,607.16	-	19.21	0.00	3,587.95
	09/08/05	3,607.16	-	19.19	0.00	3,587.97
	12/01/05	3,607.16	-	19.38	0.00	3,587.78
MW - 2	01/17/00	3,607.08	-	19.82	0.00	3,587.26
	04/10/00	3,607.08	-	19.94	0.00	3,587.14
	08/31/00	3,607.08	-	19.57	0.00	3,587.51
	12/18/00	3,607.08	-	19.77	0.00	3,587.31
	03/13/01	3,607.08	-	19.75	0.00	3,587.33
	05/30/01	3,607.08	-	19.75	0.00	3,587.33
	09/12/01	3,607.08	-	19.92	0.00	3,587.16
	11/17/01	3,607.08	-	19.88	0.00	3,587.20
	02/12/02	3,607.08	-	19.96	0.00	3,587.12
	05/15/02	3,607.08	-	19.88	0.00	3,587.20
	09/12/02	3,607.08	-	19.93	0.00	3,587.15
	11/18/02	3,607.08	-	19.77	0.00	3,587.31
	02/17/03	3,607.08	-	19.83	0.00	3,587.25
	05/19/03	3,607.08	-	20.03	0.00	3,587.05
	08/25/03	3,607.08	-	20.19	0.00	3,586.89
	11/21/03	3,607.08	-	20.20	0.00	3,586.88
	02/23/04	3,607.08	-	20.18	0.00	3,586.90
	05/13/04	3,607.08	-	19.15	0.00	3,587.93
	08/26/04	3,607.08	-	19.72	0.00	3,587.36

TABLE 2
GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
MONUMENT 17
LEA COUNTY, NEW MEXICO

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-2	12/13/04	3,607.08	-	17.44	0.00	3,589.64
	03/14/05	3,607.08	-	18.61	0.00	3,588.47
	06/24/05	3,607.08	-	19.02	0.00	3,588.06
	09/08/05	3,607.08	-	19.02	0.00	3,588.06
	12/01/05	3,607.08	-	19.20	0.00	3,587.88
MW - 3	01/17/00	3,608.43	-	20.92	0.00	3,587.51
	04/10/00	3,608.43	-	21.06	0.00	3,587.37
	08/31/00	3,608.43	-	20.64	0.00	3,587.79
	12/18/00	3,608.43	-	20.86	0.00	3,587.57
	03/13/01	3,608.43	-	20.85	0.00	3,587.58
	05/30/01	3,608.43	-	20.93	0.00	3,587.50
	09/12/01	3,608.43	-	21.04	0.00	3,587.39
	11/17/01	3,608.43	-	21.02	0.00	3,587.41
	02/12/02	3,608.43	-	21.09	0.00	3,587.34
	05/15/02	3,608.43	-	21.04	0.00	3,587.39
	09/12/02	3,608.43	-	21.07	0.00	3,587.36
	11/18/02	3,608.43	-	20.89	0.00	3,587.54
	02/17/03	3,608.43	-	21.02	0.00	3,587.41
	05/19/03	3,608.43	-	21.17	0.00	3,587.26
	08/25/03	3,608.43	-	21.27	0.00	3,587.16
	11/21/03	3,608.43	-	21.33	0.00	3,587.10
	02/23/04	3,608.43	-	21.34	0.00	3,587.09
	05/13/04	3,608.43	-	20.20	0.00	3,588.23
	08/26/04	3,608.43	-	20.87	0.00	3,587.56
	12/13/04	3,608.43	-	18.08	0.00	3,590.35
	03/14/05	3,608.43	-	19.41	0.00	3,589.02
	06/24/05	3,608.43	-	19.99	0.00	3,588.44
	09/08/05	3,608.43	-	19.97	0.00	3,588.46
	12/01/05	3,608.43	-	20.22	0.00	3,588.21
MW-4	01/17/00	3,606.12	-	19.02	0.00	3,587.10
	04/10/00	3,606.12	-	19.12	0.00	3,587.00
	08/31/00	3,606.12	-	18.80	0.00	3,587.32
	12/18/00	3,606.12	-	18.97	0.00	3,587.15
	03/13/01	3,606.12	-	18.93	0.00	3,587.19
	05/30/01	3,606.12	-	18.94	0.00	3,587.18
	09/12/01	3,606.12	-	19.11	0.00	3,587.01
	11/17/01	3,606.12	-	19.10	0.00	3,587.02
	02/12/02	3,606.12	-	19.13	0.00	3,586.99
	05/15/02	3,606.12	-	19.08	0.00	3,587.04
	09/12/02	3,606.12	-	19.12	0.00	3,587.00
	11/18/02	3,606.12	-	18.98	0.00	3,587.14
	02/17/03	3,606.12	-	19.09	0.00	3,587.03

TABLE 2
GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
MONUMENT 17
LEA COUNTY, NEW MEXICO

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-4	05/19/03	3,606.12	-	19.21	0.00	3,586.91
	08/25/03	3,606.12	-	19.37	0.00	3,586.75
	11/21/03	3,606.12	-	19.37	0.00	3,586.75
	02/23/04	3,606.12	-	19.36	0.00	3,586.76
	05/13/04	3,606.12	-	18.48	0.00	3,587.64
	08/26/04	3,606.12	-	18.94	0.00	3,587.18
	12/13/04	3,606.12	-	16.95	0.00	3,589.17
	03/14/05	3,606.12	-	18.00	0.00	3,588.12
	06/24/05	3,606.12	-	18.34	0.00	3,587.78
	09/08/05	3,606.12	-	18.32	0.00	3,587.80
	12/01/05	3,606.12	-	18.47	0.00	3,587.65
MW - 5	01/17/00	3,610.17	-	22.55	0.00	3,587.62
	04/10/00	3,610.17	-	22.64	0.00	3,587.53
	08/31/00	3,610.17	-	22.22	0.00	3,587.95
	12/18/00	3,610.17	-	22.44	0.00	3,587.73
	03/13/01	3,610.17	-	22.43	0.00	3,587.74
	05/30/01	3,610.17	-	22.50	0.00	3,587.67
	09/12/01	3,610.17	-	22.64	0.00	3,587.53
	11/17/01	3,610.17	-	22.63	0.00	3,587.54
	02/12/02	3,610.17	-	22.67	0.00	3,587.50
	05/15/02	3,610.17	-	22.64	0.00	3,587.53
	09/12/02	3,610.17	-	22.67	0.00	3,587.50
	11/18/02	3,610.17	-	22.49	0.00	3,587.68
	02/17/03	3,610.17	-	22.65	0.00	3,587.52
	05/19/03	3,610.17	-	22.77	0.00	3,587.40
	08/25/03	3,610.17	-	22.94	0.00	3,587.23
	11/21/03	3,610.17	-	22.95	0.00	3,587.22
	02/23/04	3,610.17	-	22.94	0.00	3,587.23
	05/13/04	3,610.17	-	21.78	0.00	3,588.39
	08/26/04	3,610.17	-	22.44	0.00	3,587.73
	12/13/04	3,610.17	-	19.33	0.00	3,590.84
	03/14/05	3,610.17	-	20.85	0.00	3,589.32
	06/24/05	3,610.17	-	21.48	0.00	3,588.69
	09/08/05	3,610.17	-	21.47	0.00	3,588.70
	12/01/05	3,610.17	-	21.77	0.00	3,588.40
MW - 6	01/17/00	3,604.44	-	17.63	0.00	3,586.81
	04/10/00	3,604.44	-	17.72	0.00	3,586.72
	08/31/00	3,604.44	-	17.44	0.00	3,587.00
	12/18/00	3,604.44	-	17.58	0.00	3,586.86
	03/13/01	3,604.44	-	17.55	0.00	3,586.89
	05/30/01	3,604.44	-	17.58	0.00	3,586.86
	09/12/01	3,604.44	-	17.70	0.00	3,586.74

TABLE 2
GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
MONUMENT 17
LEA COUNTY, NEW MEXICO

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-6	11/17/01	3,604.44	-	17.69	0.00	3,586.75
	02/12/02	3,604.44	-	17.67	0.00	3,586.77
	05/15/02	3,604.44	-	17.68	0.00	3,586.76
	09/12/02	3,604.44	-	17.72	0.00	3,586.72
	11/18/02	3,604.44	-	17.56	0.00	3,586.88
	02/17/03	3,604.44	-	17.66	0.00	3,586.78
	05/19/03	3,604.44	-	17.79	0.00	3,586.65
	08/25/03	3,604.44	-	17.91	0.00	3,586.53
	11/21/03	3,604.44	-	17.94	0.00	3,586.50
	02/23/04	3,604.44	-	17.93	0.00	3,586.51
	05/13/04	3,604.44	-	17.18	0.00	3,587.26
	08/26/04	3,604.44	-	17.55	0.00	3,586.89
	12/13/04	3,604.44	-	15.87	0.00	3,588.57
	03/14/05	3,604.44	-	16.89	0.00	3,587.55
	06/24/05	3,604.44	-	17.10	0.00	3,587.34
	09/08/05	3,604.44	-	17.19	0.00	3,587.25
	09/13/05	Plugged and Abandoned				
MW 7	01/17/00	3,607.38	20.25	20.30	0.05	3,587.12
	04/10/00	3,607.38	20.36	20.41	0.05	3,587.01
	08/31/00	3,607.38	sheen	19.99	0.00	3,587.39
	09/14/00	3,607.38	sheen	20.01	0.00	3,587.37
	09/20/00	3,607.38	sheen	20.03	0.00	3,587.35
	09/27/00	3,607.38	sheen	20.04	0.00	3,587.34
	10/04/00	3,607.38	sheen	20.07	0.00	3,587.31
	12/18/00	3,607.38	sheen	20.16	0.00	3,587.22
	03/13/01	3,607.38	sheen	20.20	0.00	3,587.18
	05/30/01	3,607.38	sheen	20.21	0.00	3,587.17
	09/12/01	3,607.38	sheen	20.03	0.00	3,587.35
	11/17/01	3,607.38	sheen	20.27	0.00	3,587.11
			sheen			3,607.38
	02/12/02	3,607.38	sheen	20.30	0.00	3,587.08
	03/18/02	3,607.38	sheen	20.42	0.00	3,586.96
	03/28/02	3,607.38	sheen	20.33	0.00	3,587.05
	04/03/02	3,607.38	sheen	20.31	0.00	3,587.07
	04/12/02	3,607.38	sheen	20.31	0.00	3,587.07
	04/16/02	3,607.38	sheen	20.32	0.00	3,587.06
	05/03/02	3,607.38	sheen	20.32	0.00	3,587.06
	05/10/02	3,607.38	sheen	20.32	0.00	3,587.06
	05/15/02	3,607.38	sheen	20.35	0.00	3,587.03
			sheen			3,607.38
	05/24/02	3,607.38	sheen	20.41	0.00	3,586.97
	06/10/02	3,607.38	sheen	20.48	0.00	3,586.90
	06/12/02	3,607.38	sheen	20.37	0.00	3,587.01

TABLE 2
GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
MONUMENT 17
LEA COUNTY, NEW MEXICO

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-7	06/19/02	3,607.38	sheen	20.28	0.00	3,587.10
	07/03/02	3,607.38	sheen	20.38	0.00	3,587.00
	07/11/02	3,607.38	sheen	20.37	0.00	3,587.01
	07/16/02	3,607.38	sheen	20.24	0.00	3,587.14
	08/21/02	3,607.38	sheen	20.27	0.00	3,587.11
	08/27/02	3,607.38	sheen	20.30	0.00	3,587.08
	09/05/02	3,607.38	sheen	20.34	0.00	3,587.04
	09/12/02	3,607.38	sheen	20.37	0.00	3,587.01
	10/08/02	3,607.38	sheen	20.43	0.00	3,586.95
	10/31/02	3,607.38	sheen	20.43	0.00	3,586.95
	11/06/02	3,607.38	sheen	20.12	0.00	3,587.26
	11/18/02	3,607.38	sheen	20.22	0.00	3,587.16
	01/07/03	3,607.38	sheen	20.29	0.00	3,587.09
	01/10/03	3,607.38	sheen	20.28	0.00	3,587.10
	02/17/03	3,607.38	-	20.35	0.00	3,587.03
	04/02/03	3,607.38	sheen	20.41	0.00	3,586.97
	04/16/03	3,607.38	ND	20.46	0.00	3,586.92
	04/16/03	3,607.38	sheen	20.46	0.00	3,586.92
	05/19/03	3,607.38	-	20.45	0.00	3,586.93
	06/10/03	3,607.38	sheen	22.59	0.00	3,584.79
	06/25/03	3,607.38	sheen	20.66	0.00	3,586.72
	07/10/03	3,607.38	sheen	20.69	0.00	3,586.69
	08/05/03	3,607.38	sheen	20.76	0.00	3,586.62
	08/25/03	3,607.38	20.61	20.66	0.05	3,586.76
	09/08/03	3,607.38	20.91	20.98	0.07	3,586.46
	09/30/03	3,607.38	20.65	20.77	0.12	3,586.71
	11/11/03	3,607.38	21.04	21.06	0.02	3,586.34
	11/21/03	3,607.38	20.74	20.76	0.02	3,586.64
	12/08/03	3,607.38	sheen	20.75	0.00	3,586.63
	12/31/03	3,607.38	20.60	20.61	0.01	3,586.78
	01/13/04	3,607.38	21.08	21.11	0.03	3,586.30
	02/18/04	3,607.38	20.77	20.96	0.19	3,586.58
	02/23/04	3,607.38	20.60	20.67	0.07	3,586.77
	03/11/04	3,607.38	20.85	20.89	0.04	3,586.52
	04/09/04	3,607.38	20.11	20.15	0.04	3,587.26
	05/03/04	3,607.38	19.79	19.92	0.13	3,587.57
	05/13/04	3,607.38	sheen	19.61	0.00	3,587.77
	07/01/04	3,607.38	19.94	19.95	0.01	3,587.44
	08/26/04	3,607.38	20.18	20.19	0.01	3,587.20
	09/21/04	3,607.38	sheen	20.25	0.00	3,587.13
	09/29/04	3,607.38	sheen	19.03	0.00	3,588.35
	10/05/04	3,607.38	sheen	18.33	0.00	3,589.05
	10/19/04	3,607.38	sheen	18.66	0.00	3,588.72
	10/12/04	3,607.38	sheen	18.50	0.00	3,588.88

TABLE 2
GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 17
LEA COUNTY, NEW MEXICO

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-7	10/25/04	3,607.38	sheen	18.70	0.00	3,588.68
	11/01/04	3,607.38	sheen	18.80	0.00	3,588.58
	11/09/04	3,607.38	sheen	18.81	0.00	3,588.57
	11/16/04	3,607.38	sheen	18.34	0.00	3,589.04
	11/22/04	3,607.38	sheen	17.78	0.00	3,589.60
	11/29/04	3,607.38	sheen	17.62	0.00	3,589.76
	12/07/04	3,607.38	sheen	17.50	0.00	3,589.88
	12/13/04	3,607.38	-	17.92	0.00	3,589.46
	12/20/04	3,607.38	sheen	17.96	0.00	3,589.42
	12/27/04	3,607.38	sheen	18.10	0.00	3,589.28
	01/10/05	3,607.38	sheen	18.26	0.00	3,589.12
	01/17/05	3,607.38	sheen	18.39	0.00	3,588.99
	01/24/05	3,607.38	sheen	18.48	0.00	3,588.90
	01/31/05	3,607.38	sheen	18.59	0.00	3,588.79
	02/07/05	3,607.38	sheen	18.69	0.00	3,588.69
	02/14/05	3,607.38	sheen	18.81	0.00	3,588.57
	02/21/05	3,607.38	sheen	18.87	0.00	3,588.51
	02/28/05	3,607.38	sheen	18.93	0.00	3,588.45
	03/08/05	3,607.38	sheen	18.86	0.00	3,588.52
	03/14/05	3,607.38	sheen	19.05	0.00	3,588.33
	03/16/05	3,607.38	sheen	18.80	0.00	3,588.58
	03/21/05	3,607.38	sheen	19.11	0.00	3,588.27
	03/28/05	3,607.38	sheen	19.15	0.00	3,588.23
	04/04/05	3,607.38	sheen	19.20	0.00	3,588.18
	04/13/05	3,607.38	sheen	19.23	0.00	3,588.15
	04/18/05	3,607.38	sheen	19.22	0.00	3,588.16
	05/23/05	3,607.38	sheen	19.36	0.00	3,588.02
	06/21/05	3,607.38	sheen	19.45	0.00	3,587.93
	06/24/05	3,607.38	-	19.45	0.00	3,587.93
	07/26/05	3,607.38	sheen	19.51	0.00	3,587.87
	08/24/05	3,607.38	sheen	19.28	0.00	3,588.10
*	09/08/05	3,607.38	19.38	19.39	0.01	3,588.00
	09/26/05	3,607.38	sheen	19.46	0.00	3,587.92
	10/25/05	3,607.38	sheen	19.54	0.00	3,587.84
	11/14/05	3,607.38	sheen	19.58	0.00	3,587.80
	12/01/05	3,607.38	-	19.60	0.00	3,587.78
	12/28/05	3,607.38	sheen	19.68	0.00	3,587.70
	01/18/06	3,607.38	sheen	19.72	0.00	3,587.66
MW - 8	01/17/00	3,607.99	-	20.55	0.00	3,587.44
	04/10/00	3,607.99	-	20.68	0.00	3,587.31
	08/31/00	3,607.99	-	20.26	0.00	3,587.73
	12/18/00	3,607.99	-	20.46	0.00	3,587.53
	03/13/01	3,607.99	-	20.46	0.00	3,587.53

TABLE 2
GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
MONUMENT 17
LEA COUNTY, NEW MEXICO

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-8	05/30/01	3,607.99	-	20.46	0.00	3,587.53
	09/12/01	3,607.99	-	20.63	0.00	3,587.36
	11/17/01	3,607.99	-	20.64	0.00	3,587.35
	02/12/02	3,607.99	-	20.68	0.00	3,587.31
	05/15/02	3,607.99	-	20.62	0.00	3,587.37
	09/12/02	3,607.99	-	20.68	0.00	3,587.31
	11/18/02	3,607.99	-	20.51	0.00	3,587.48
	02/17/03	3,607.99	-	20.64	0.00	3,587.35
	05/19/03	3,607.99	-	20.70	0.00	3,587.29
	08/25/03	3,607.99	-	20.93	0.00	3,587.06
	11/21/03	3,607.99	-	20.93	0.00	3,587.06
	02/23/04	3,607.99	-	20.94	0.00	3,587.05
	05/13/04	3,607.99	-	19.86	0.00	3,588.13
	08/26/04	3,607.99	-	20.48	0.00	3,587.51
	12/13/04	3,607.99	-	17.81	0.00	3,590.18
	03/14/05	3,607.99	-	19.10	0.00	3,588.89
	06/24/05	3,607.99	-	19.62	0.00	3,588.37
	09/08/05	3,607.99	-	19.61	0.00	3,588.38
	12/01/05	3,607.99	-	19.85	0.00	3,588.14
MW-9	11/04/04	3,606.83	-	18.68	0.00	3,588.15
	11/10/04	3,606.83	-	18.70	0.00	3,588.13
	03/14/05	3,606.83	-	18.87	0.00	3,587.96
	06/24/05	3,606.83	-	19.13	0.00	3,587.70
	09/08/05	3,606.83	-	19.13	0.00	3,587.70
	12/01/05	3,606.83	-	19.27	0.00	3,587.56

Elevations based on the North America Vertical Datum of 1929.

* Monitor well MW-7 gauging data collected on September 8, 2005 indicates a PSH thickness of 0.01 feet, this data appears to be incongruous based on prior and subsequent data and historical trends.

TABLE 3
CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 17
LEA COUNTY, NEW MEXICO

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		0.01	0.75	0.75	0.62	
MW-1	09/10/99	0.090	0.006	0.016	0.010	0.004
	01/17/00	0.153	0.008	0.044	0.016	0.006
	04/10/00	0.059	0.003	0.002	0.003	0.002
	08/31/00	0.132	0.002	<0.001	0.001	0.001
	12/18/00	<0.001	<0.001	<0.001	<0.001	<0.001
	03/13/01	0.005	<0.001	<0.001	<0.001	<0.001
	05/30/01	0.201	<0.001	<0.001	<0.001	
	09/12/01	0.184	0.010	0.027	0.021	0.008
	11/17/01	0.044	0.001	<0.001	0.001	0.002
	02/12/02	0.069	0.004	0.017	0.015	0.005
	05/15/02	0.095	0.005	0.027	0.020	0.005
	09/12/02	0.259	0.005	0.017	0.013	0.004
	11/18/02	0.010	<0.001	<0.001	<0.001	<0.001
	02/17/03	0.003	<0.001	<0.001	<0.001	<0.001
	05/19/03	0.060	0.002	0.033	0.014	0.003
	08/25/03	0.076	0.001	0.028	0.011	0.003
	11/21/03	0.145	0.004	0.080	0.025	0.006
	02/23/04	0.00786	<0.001	.00197	<0.002	<0.001
	05/13/04	0.0281	<0.001	0.00473	0.00263	<0.001
	08/26/04	0.00884	<0.001	<0.001	<0.002	<0.001
	12/13/04	<0.001	<0.001	<0.001	<0.001	
	03/14/05	0.00590	<0.001	<0.001	<0.001	
	06/24/05	0.0413	<0.001	0.0168	0.00840	
	09/08/05	0.0709	<0.001	0.00960	0.00820	
	12/01/05	<0.001	<0.001	<0.001	<0.001	
MW - 2	09/10/99	0.017	0.003	0.001	<0.001	<0.001
	01/17/00	0.002	<0.001	<0.001	<0.001	<0.001
	04/10/00	0.011	0.004	0.001	0.002	0.001
	08/31/00	0.107	0.005	0.006	<0.001	<0.001
	12/18/00	0.003	<0.001	<0.001	<0.001	<0.002
	03/13/01	0.006	<0.001	<0.001	<0.001	<0.002
	05/30/01	0.005	<0.001	<0.001	<0.001	
	09/12/01	0.033	0.003	0.003	0.001	<0.001
	11/17/01	0.020	<0.001	<0.001	<0.001	<0.001
	02/12/02	0.020	0.001	0.002	0.001	<0.001
	05/15/02	0.039	0.003	0.006	0.002	<0.001
	09/12/02	0.046	0.001	0.002	0.001	<0.001
	11/18/02	0.006	<0.001	<0.001	<0.001	<0.001
	02/17/03	<0.001	<0.001	<0.001	<0.001	<0.001
	05/19/03	0.008	<0.001	<0.001	<0.001	<0.001
	08/25/03	0.050	0.006	0.010	0.011	0.004
	11/21/03	0.192	0.014	0.026	0.011	0.003

TABLE 3
CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 17
LEA COUNTY, NEW MEXICO

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		0.01	0.75	0.75	0.62	
MW-2	02/23/04	0.00463	<0.001	<0.001	<0.002	<0.001
	05/13/04	0.00211	<0.001	<0.001	<0.002	<0.001
	08/26/04	0.00708	<0.001	<0.001	<0.002	<0.001
	12/13/04	0.00670	<0.001	<0.001	<0.001	
	03/14/05	0.0180	<0.001	<0.001	<0.001	
	06/24/05	0.00360	<0.001	<0.001	<0.001	
	09/08/05	0.00750	<0.001	<0.001	<0.001	
	12/01/05	<0.001	<0.001	<0.001	<0.001	
MW - 3	09/10/99	0.032	0.003	0.001	<0.001	<0.001
	01/17/00	0.005	0.002	<0.001	0.002	<0.001
	04/10/00	0.033	0.005	0.003	0.003	0.002
	08/31/00	0.029	<0.001	0.001	<0.001	<0.001
	12/18/00	0.028	0.002	0.001	<0.001	<0.001
	03/13/01	0.004	<0.001	<0.001	<0.001	<0.001
	05/30/01	0.096	<0.001	<0.001	<0.001	
	09/12/01	0.008	<0.001	<0.001	<0.001	<0.001
	11/17/01	0.005	<0.001	<0.001	<0.001	<0.001
	02/12/02	0.137	0.011	0.020	0.010	0.001
	05/15/02	0.022	0.001	0.002	<0.001	<0.001
	09/12/02	0.019	<0.001	<0.001	<0.001	<0.001
	11/18/02	0.008	<0.001	<0.001	<0.001	<0.001
	02/17/03	0.015	<0.001	<0.001	<0.001	<0.001
	05/19/03	0.014	<0.001	<0.001	<0.001	<0.001
	08/25/03	0.053	<0.001	0.010	0.006	<0.001
	11/21/03	0.409	0.045	0.091	0.055	0.010
	02/23/04	0.0444	0.00355	0.0112	0.00576	<0.001
	05/13/04	0.0338	<0.001	0.00922	<0.002	<0.001
	08/26/04	0.0157	<0.001	<0.001	<0.002	<0.001
	12/13/04	0.0598	<0.005	0.0362	<0.005	
	03/14/05	0.00530	<0.001	0.00260	<0.001	
	06/24/05	0.0308	<0.001	0.00400	<0.001	
	09/08/05	0.0141	<0.001	0.00220	<0.001	
	12/01/05	0.0275	<0.001	<0.001	<0.001	
MW - 4	09/10/99	<0.001	<0.001	<0.001	<0.001	<0.001
	01/17/00	<0.001	<0.001	<0.001	<0.001	<0.001
	04/10/00	<0.001	<0.001	<0.001	0.001	<0.001
	08/31/00	<0.001	<0.001	<0.001	<0.001	<0.001
	12/18/00	<0.001	<0.001	<0.001	<0.001	<0.001
	03/13/01	<0.001	<0.001	<0.001	<0.001	<0.001
	05/30/01	<0.001	<0.001	<0.001	<0.001	
	09/12/01	<0.001	<0.001	<0.001	<0.001	<0.001

TABLE 3
CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 17
LEA COUNTY, NEW MEXICO

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		0.01	0.75	0.75	0.62	
MW-4	11/17/01	<0.001	<0.001	<0.001	<0.001	<0.001
	02/12/02	<0.001	<0.001	<0.001	<0.001	<0.001
	05/15/02	<0.001	<0.001	<0.001	<0.001	<0.001
	09/12/02	<0.001	<0.001	<0.001	<0.001	<0.001
	11/18/02	<0.001	<0.001	<0.001	<0.001	<0.001
	02/17/03	<0.001	<0.001	<0.001	<0.001	<0.001
	05/19/03	<0.001	<0.001	<0.001	<0.001	<0.001
	08/25/03	<0.001	<0.001	<0.001	<0.001	<0.001
	11/21/03	<0.001	<0.001	<0.001	<0.002	<0.001
	02/23/04	<0.001	<0.001	<0.001	<0.002	<0.001
	12/13/04	<0.001	<0.001	<0.001	<0.001	
	03/14/05	Not Sampled Due to Sample Reduction				
	06/24/05	<0.001	<0.001	<0.001	<0.001	
	09/08/05	Not Sampled Due to Sample Reduction				
	12/01/05	<0.001	<0.001	<0.001	<0.001	
MW - 5	09/10/99	<0.001	<0.001	<0.001	<0.001	<0.001
	01/17/00	<0.001	<0.001	<0.001	<0.001	<0.001
	04/10/00	<0.001	<0.001	<0.001	0.001	<0.001
	08/31/00	<0.001	<0.001	<0.001	<0.001	<0.001
	12/18/00	<0.001	<0.001	<0.001	<0.001	<0.001
	03/13/01	<0.001	<0.001	<0.001	<0.001	<0.001
	05/30/01	0.005	<0.001	<0.001	<0.001	
	09/12/01	<0.001	<0.001	<0.001	<0.001	<0.001
	11/17/01	<0.001	<0.001	<0.001	<0.001	<0.001
	02/12/02	<0.001	<0.001	<0.001	<0.001	<0.001
	05/15/02	<0.001	<0.001	<0.001	<0.001	<0.001
	09/12/02	<0.001	<0.001	<0.001	<0.001	<0.001
	11/18/02	<0.001	<0.001	<0.001	<0.001	<0.001
	02/17/03	<0.001	<0.001	<0.001	<0.001	<0.001
	05/19/03	<0.001	<0.001	<0.001	<0.001	<0.001
	08/25/03	<0.001	<0.001	<0.001	<0.001	<0.001
	11/21/03	<0.001	<0.001	<0.001	<0.002	<0.001
	02/23/04	<0.001	<0.001	<0.001	<0.002	<0.001
	12/13/04	0.00120	<0.001	<0.001	<0.001	
	03/14/05	Not Sampled Due to Sample Reduction				
	06/24/05	Not Sampled Due to Sample Reduction				
	09/08/05	Not Sampled Due to Sample Reduction				
	12/01/05	<0.001	<0.001	<0.001	<0.001	
MW - 6	09/10/99	<0.001	<0.001	<0.001	<0.001	<0.001
	01/17/00	<0.001	<0.001	<0.001	<0.001	<0.001
	04/10/00	<0.001	<0.001	<0.001	0.001	<0.001

TABLE 3

CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 17
LEA COUNTY, NEW MEXICO

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		0.01	0.75	0.75	0.62	
MW-6	08/31/00	<0.001	<0.001	<0.001	<0.001	<0.001
	12/18/00	<0.001	<0.001	<0.001	<0.001	<0.001
	03/13/01	<0.001	<0.001	<0.001	<0.001	<0.001
	05/30/01	<0.005	<0.005	<0.005	<0.005	
	09/12/01	<0.001	<0.001	<0.001	<0.001	<0.001
	11/17/01	<0.001	<0.001	<0.001	<0.001	<0.001
	02/12/02	<0.001	<0.001	<0.001	<0.001	<0.001
	05/15/02	<0.001	<0.001	<0.001	<0.001	<0.001
	09/12/02	<0.001	<0.001	<0.001	<0.001	<0.001
	11/18/02	<0.001	<0.001	<0.001	<0.001	<0.001
	02/17/03	<0.001	<0.001	<0.001	<0.001	<0.001
	05/19/03	<0.001	<0.001	<0.001	<0.001	<0.001
	08/25/03	<0.001	<0.001	<0.001	<0.001	<0.001
	11/21/03	<0.001	<0.001	<0.001	<0.002	<0.001
	02/23/04	<0.001	<0.001	<0.001	<0.002	<0.001
	12/13/04	<0.005	<0.005	<0.005	<0.005	
	03/14/05	Not Sampled Due to Sample Reduction				
	06/24/05	<0.001	<0.001	<0.001	<0.001	
	09/08/05	Not Sampled Due to Sample Reduction				
	09/13/05	Plugged and Abandoned				
MW - 7	11/18/02	0.001	<0.001	<0.001	<0.001	<0.001
	01/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
	02/17/03	0.001	<0.001	<0.001	<0.001	<0.001
	05/19/03	<0.001	<0.001	<0.001	<0.001	<0.001
	11/21/03	<0.001	<0.001	<0.001	<0.002	<0.001
	05/13/04	0.0335	<0.001	0.0136	<0.002	<0.001
	08/26/04	<0.001	<0.001	<0.001	<0.002	<0.001
	12/13/04	<0.005	<0.005	<0.005	<0.005	
	03/14/05	<0.005	<0.005	<0.005	<0.005	
	06/24/05	0.0129	<0.005	<0.005	<0.005	
	09/08/05	Not Sampled				
	12/01/05	<0.001	<0.001	<0.001	<0.001	
MW - 8	09/10/99	<0.001	<0.001	<0.001	<0.001	<0.001
	01/17/00	<0.001	<0.001	<0.001	<0.001	<0.001
	04/10/00	<0.001	<0.001	0.001	0.001	<0.001
	08/31/00	<0.001	<0.001	<0.001	<0.001	<0.001
	12/18/00	<0.001	<0.001	<0.001	<0.001	<0.001
	03/13/01	<0.001	<0.001	<0.001	<0.001	<0.001
	05/30/01	<0.001	<0.001	<0.001	<0.001	
	09/12/01	<0.001	<0.001	<0.001	<0.001	<0.001
	11/17/01	<0.001	<0.001	<0.001	<0.001	<0.001

TABLE 3
CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 17
LEA COUNTY, NEW MEXICO

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		0.01	0.75	0.75	0.62	
MW-8	02/12/02	<0.001	<0.001	<0.001	<0.001	<0.001
	05/15/02	<0.001	<0.001	<0.001	<0.001	<0.001
	09/12/02	<0.001	<0.001	<0.001	<0.001	<0.001
	11/18/02	<0.001	<0.001	<0.001	<0.001	<0.001
	02/17/03	<0.001	<0.001	<0.001	<0.001	<0.001
	05/19/03	<0.001	<0.001	<0.001	<0.001	<0.001
	08/25/03	<0.001	<0.001	<0.001	<0.001	<0.001
	11/21/03	0.005	<0.001	0.002	<0.002	<0.001
	02/23/04	<0.001	<0.001	<0.001	<0.002	<0.001
	12/13/04	<0.001	<0.001	<0.001	<0.001	
	03/14/05	Not Sampled Due to Sample Reduction				
	06/24/05	Not Sampled Due to Sample Reduction				
	09/08/05	Not Sampled Due to Sample Reduction				
	12/01/05	<0.001	<0.001	<0.001	<0.001	
MW-9	11/10/04	<0.001	<0.001	<0.001	<0.001	
	03/14/05	<0.001	<0.001	<0.001	<0.001	
	06/24/05	<0.001	<0.001	<0.001	<0.001	
	09/08/05	<0.001	<0.001	<0.001	<0.001	
	12/01/05	<0.001	<0.001	<0.001	<0.001	
EB -1	08/31/00	<0.001	<0.001	<0.001	<0.001	<0.001
	12/18/00	<0.001	<0.001	<0.001	<0.001	<0.001
	03/13/01	<0.001	<0.001	<0.001	<0.001	<0.001
	05/30/01	<0.001	<0.001	<0.001	<0.001	
	09/12/01	<0.001	<0.001	<0.001	<0.001	<0.001
	11/17/01	<0.001	<0.001	<0.001	<0.001	<0.001
	02/12/02	<0.001	<0.001	<0.001	<0.001	<0.001
	05/15/02	<0.001	<0.001	<0.001	<0.001	<0.001
	09/12/02	<0.001	<0.001	<0.001	<0.001	<0.001
	11/18/02	<0.001	<0.001	<0.001	<0.001	<0.001

ied when analyzed by Trace Laboratories, Inc. only.

Note: EB denotes Equipment Blank collected during the sampling event.



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

☒ 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: New Mexico State Land Office	Mineral Owner	Lease No.
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LOCATION OF RELEASE

Unit Letter F	Section 29	Township 19S	Range 37E	Feet from the	North/South Line	Feet from the	East/West Line	County Lea
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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

Closures

- 1.) 6-Inch Central Battery Idle Line
NMOCB # IR-0407
Submitted Aug 11 by BBC
- 2.) Saunders 8" #4
NMOCB # IR-0453
Submitted Jan 11 by Basin Environmental
- 3.) Tnm 97-16
NMOCB # IR-0138
Submitted July 31 by Nora Environmental

Work Plans

- 1.) Lea Station To Monument 6-Inch
NMOCB # IR-0404
Submitted 2 June by Nora Env.
- 2.) Monument Barber 10" Sour
NMOCB # IR-0338
Submitted May by Nora Env.

3.) Junction 34 to Lea
NMOCID# IR-0386
Submitted June by EPI

4.) C.S. Caylor Abatement Plan Response
NMOCID# AP-052
Submitted Sept. by EPI

5.) LF-59
NMOCID# IR-0103
Submitted July by Nora

6.) Hobbs Junction Mainline
Submitted by EPI

7.) Hugh Gathering DCD Approved
Abatement Plan - Landowner issues