1R - 0137

REPORTS

DATE:

2006

PLAINS
ALL AMERICAN

IR0139
Report
2006

March 27, 2007

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

Re: Plains All American – Annual Monitoring Reports
2 Sites in Lea County, New Mexico

Dear Mr. Stone:

Plains All American is an operator of crude oil pipelines and terminal facilities in the state of New Mexico. Plains All American actively monitors certain historical release sites exhibiting groundwater impacts, consistent with assessments and work plans developed in consultation with the New Mexico Oil Conservation Division (NMOCD). In accordance with the rules and regulations of the NMOCD, Plains All American hereby submits our Annual Monitoring reports for the following sites:

TNM 97-23	Section 14, Township 22 South, Range 37 East, Lea County
LF-37	Section 19, Township 19 South, Range 37 East, Lea County

BBC prepared these documents and has vouched for their accuracy and completeness, and on behalf of Plains All American, I have personally reviewed the documents and interviewed BBC in order to verify the accuracy and completeness of these documents. It is based upon these inquiries and reviews that Plains All American submits the enclosed Annual Monitoring Reports for the above facilities.

If you have any questions or require further information, please contact me at (505) 441-0965.

Sincerely,

Camille Reynolds

Camille Reynolds
Remediation Coordinator
Plains All American

CC: Larry Johnson, NMOCD, Hobbs, NM

Enclosures

TNM 97-23

NE ¼ OF THE NE ¼ OF SECTION 14
TOWNSHIP 22 SOUTH, RANGE 37 EAST
NW ¼ OF THE NE ¼ OF SECTION 14
TOWNSHIP 22 SOUTH, RANGE 37 EAST
PLAINS EMS NUMBER: TNM 97-23
LEA COUNTY, NEW MEXICO
NMOCD #1R-0139

2006 Annual Groundwater Monitoring Report

April 2007

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

Prepared By:

BBC International, Inc.
World-Wide Environmental Specialists
Hobbs, New Mexico

TABLE OF CONTENTS

INTRODUCTION

On behalf of Plains Marketing, L.P. (Plains), BBC International, Inc. (BBC) 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 October 19, 2004, project management responsibilities were assumed by BBC. 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 2006 only. For reference, the Site Location Map is provided as **Figure 1**.

Groundwater monitoring was conducted in four (4) quarters during the calendar year of 2006 to assess the levels and extent of dissolved phase and Phase Separated Hydrocarbon (PSH) constituents. The groundwater monitoring events consisted of measuring static water levels in the monitor wells and checking for the presence of PSH in all four (4) quarters.

A copy of this report with all figures and appendices is included on the enclosed CD.

FIELD ACTIVITES

In compliance with the New Mexico Oil Conservation Division (NMOCD) letter of April 28, 2004, allowing Plains to modify the quarterly gauging of the monitor wells as follows: quarterly sampling of MW-4, and annual sampling of MW-1, MW-2, MW-3, and MW-5. The monitor wells were gauged and sampled on March 9, June 24, September 25, and December 28, 2006.

No detectable or measurable amounts of PSH were recorded during the monitoring period. During each sampling event, the monitor wells were purged of approximately three well volumes of water or until the wells were dry using a PVC bailer or electrical Grundfos Pump. Groundwater was allowed to recharge and samples were 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 polystyrene drums and disposed of by BBC utilizing the NMOCD-approved disposal facility near Eunice, NM operated by Sundance Services.

GROUNDWATER GRADIENT

Locations of the monitor wells and the inferred groundwater gradient, constructed from measurements collected during quarterly sampling events are depicted on **Figures 2-5**, the Inferred Groundwater Gradient Maps. Cumulative groundwater elevation data is provided as **Table 1**. Groundwater elevation contours, generated from water level measurements acquired during the quarterly sampling events of 2006 indicated a general gradient of approximately 0.007 ft/ft to the east as measured between groundwater monitor wells MW-4 and MW-3. The depth to groundwater as measured from the top of the well casing ranged between 56.24 to 61.82 feet for the shallow aquifer.

LABORATORY RESULTS

Groundwater samples collected during the four quarters of 2006 monitoring events were delivered to Trace Analysis, Inc. of Lubbock, Texas for determination of BTEX constituent concentrations by EPA Method SW846-8021b. A cumulative listing of BTEX constituent concentrations is summarized in **Table 2**. Copies of the laboratory reports generated during this reporting period are provided as **Appendix I-IV**. Quarterly groundwater sample results reflecting benzene and BTEX constituent concentrations are depicted on **Figures 6-9**, the BTEX Concentration Maps.

Review of laboratory analytical results generated from analysis of the groundwater samples obtained during the 2006 monitoring period indicate that benzene and BTEX constituent concentrations are below NMOCD regulatory standards (non-detect) in monitor wells MW-1, MW-2, MW-3, MW-4, and MW-5. The groundwater monitoring wells have now recorded twelve (12) consecutive sampling quarters for constituent concentrations below NMOCD regulatory standards. The results are available in **Appendix I-IV**.

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 groundwater monitoring activities for the annual monitoring period of calendar year 2006. Groundwater elevation contours, generated from water level measurements acquired during the quarterly sampling events of 2006, indicated a general gradient of approximately 0.007 ft/ft to the east as measured between groundwater monitor wells MW-4 and MW-3. See **Figures 2-5**.

Review of laboratory analytical results generated from analysis of the groundwater samples obtained during the 2006 monitoring period indicated that benzene and BTEX constituent concentrations are below NMOCD regulatory standards in all monitor wells for four (4) quarters. No detectable or measurable amounts of PSH were recorded during the monitoring period. Analytical results for the reporting period indicate total BTEX concentrations are below the applicable NMOCD regulatory standard for all sampled monitor wells. The groundwater monitoring wells have now recorded eight (8) consecutive sampling quarters for constituent concentrations below NMOCD regulatory standards.

The Release Notification and Corrective Action Form (C-141) is provided as **Appendix V**.

CONCLUSION

Normal activities in 2007 would include quarterly gauging of the monitor wells, quarterly sampling of MW-4, and annual sampling of MW-1, MW-2, MW-3, and MW-5. However, due to the fact that these monitor wells have been below NMOCD guidelines for the required analytes over 12 consecutive quarters, Plains requests that all of the groundwater monitoring wells be permanently plugged and abandoned according to NMOCD requirements.

LIMITATIONS

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

BBC has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. BBC 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. BBC has prepared this report, in a professional manner, using the degree of skill and care exercised by similar environmental consultants. BBC 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 BBC and/or Plains.

DISTRIBUTION

Copy 1: Ben Stone
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division
Environmental Bureau
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Santa Fe, New Mexico 87505

Copy 2: Larry Johnson
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division (District 1)
1625 French Drive
Hobbs, New Mexico 88240

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cjreynolds@paalp.com

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Suite 1600
Houston, Texas 77002
jpdann@paalp.com

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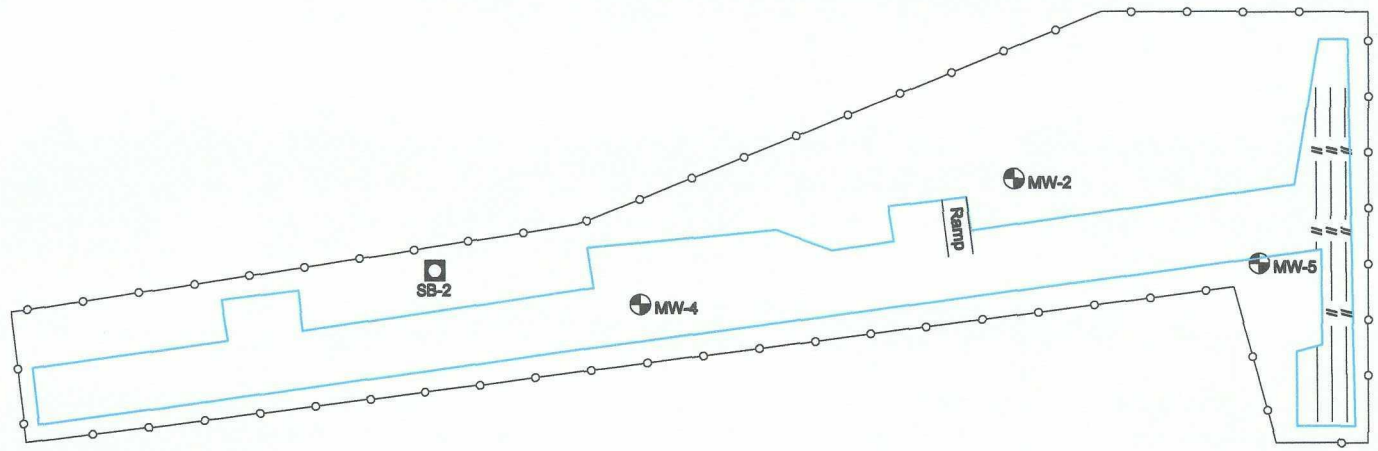
Copy Number: _____



NE 1/4 NE 1/4 S14 T22S R37E
NW 1/4 NE 1/4 S14 T22S R37E

LEGEND:

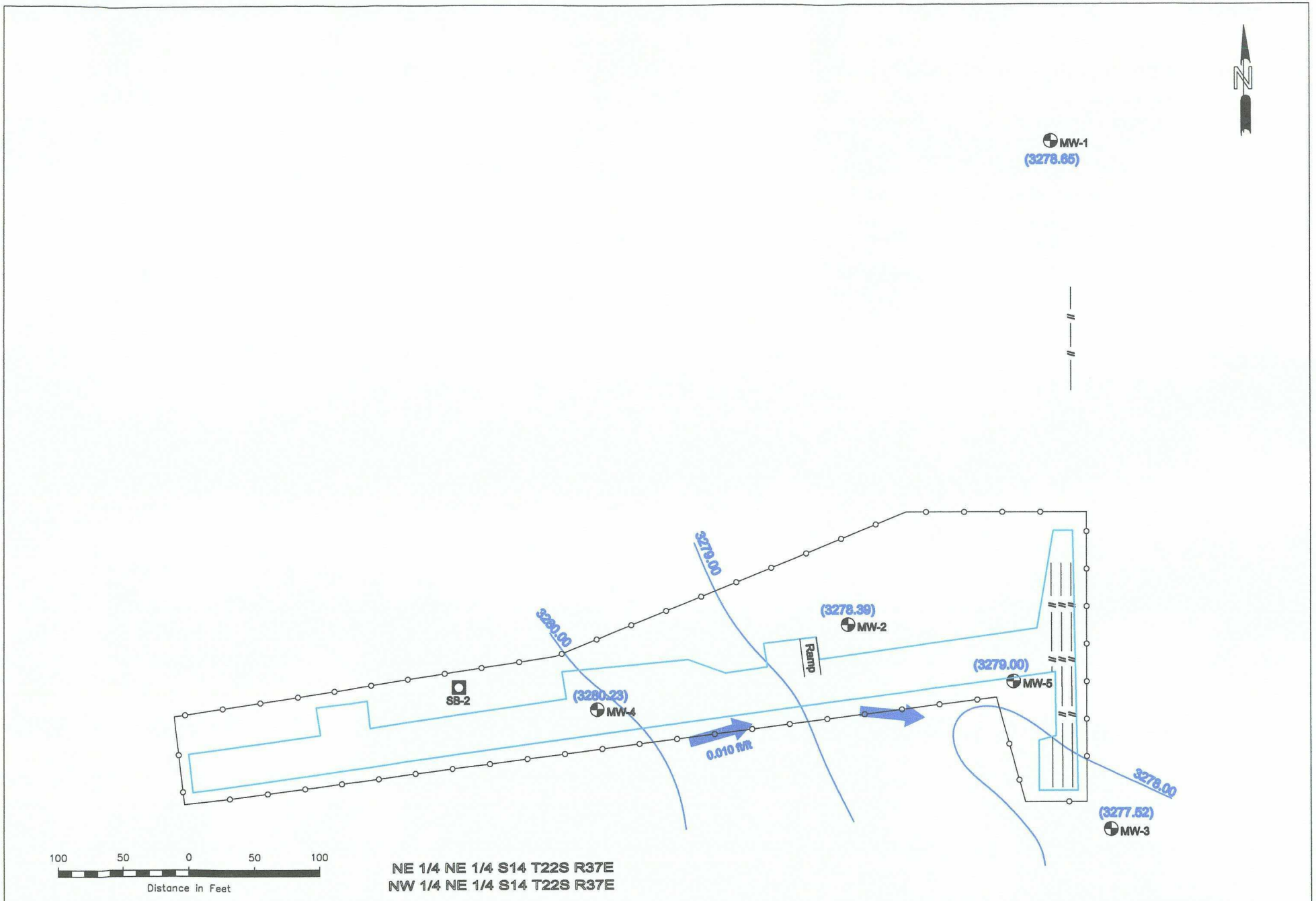
- Monitor Well Location
- Soil Boring
- Groundwater Gradient Contour Line
- Extent of Excavation

- ND Not Detect
- NS Not Sampled
- —//— Exposed Pipeline
- Groundwater Gradient Direction and Magnitude
- 3278.50 Groundwater Elevation
- NG Well was not gauged

Figure 1
Site map
Plains Marketing, L.P.
TNM 97-23
Eunice, NM

BBC International, Inc.
World-Wide Environmental Specialists
Hobbs, New Mexico

32° 23' 45.3N 103° 07' 51.8"W		
Scale: 1" = 100'	Prep By: LA	Checked By: CB
March 1, 2007		



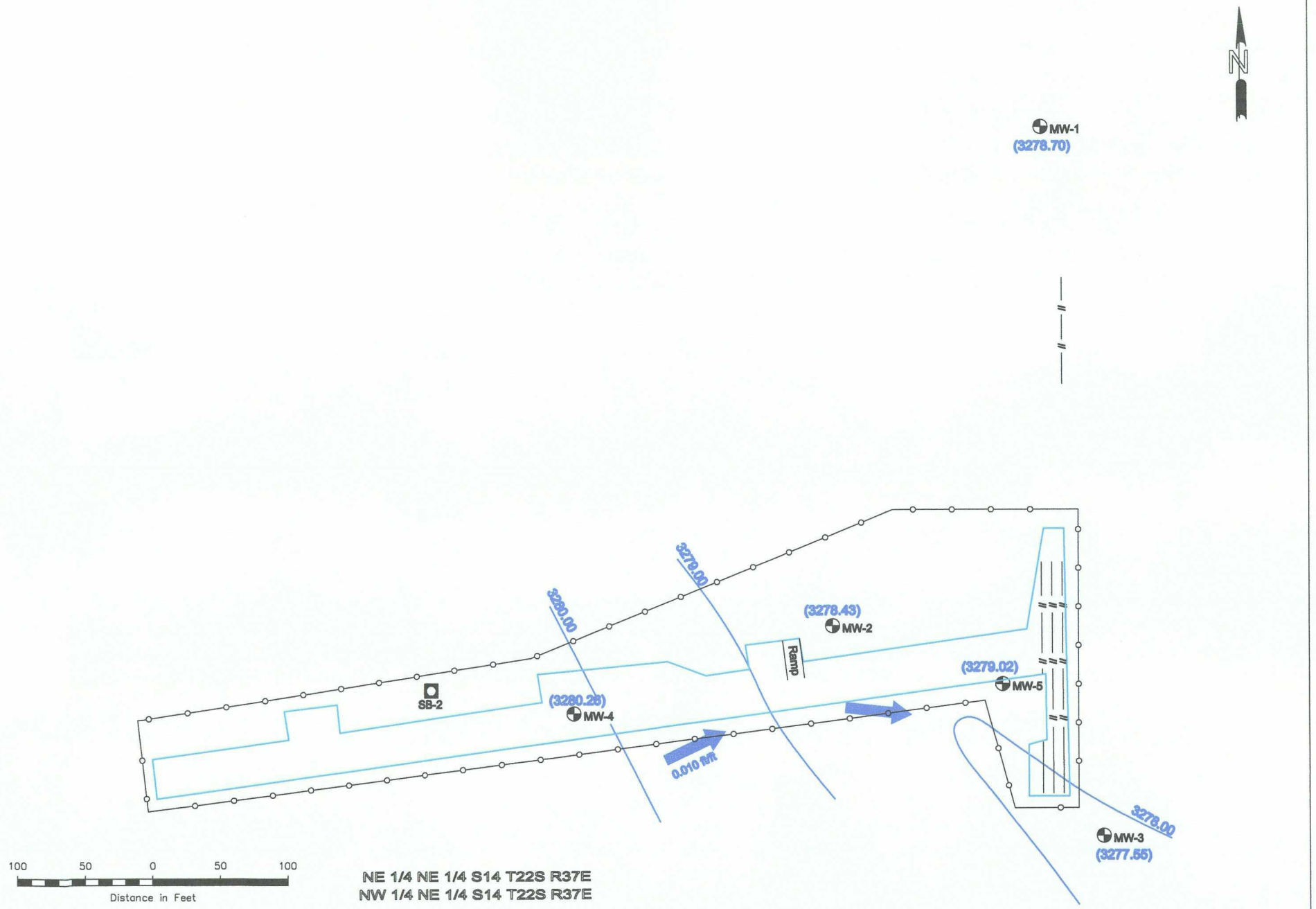
LEGEND:

- Monitor Well Location
- Soil Boring
- Groundwater Gradient Contour Line
- Extent of Excavation
- ND Not Detect
- NS Not Sampled
- —//— Exposed Pipeline
- Groundwater Gradient Direction and Magnitude
- 3278.50 Groundwater Elevation
- NG Well was not gauged

Figure 2
Inferred Groundwater Gradient Map (3/9/06)
1st Quarter
Plains Marketing, L.P.
TNM 97-23
Eunice, NM

BBC International, Inc.
World-Wide Environmental Specialists
Hobbs, New Mexico

32° 23' 45.3N 103° 07' 51.8"W		
Scale: 1" = 100'	Prep By: LA	Checked By: CB
March 1, 2007		



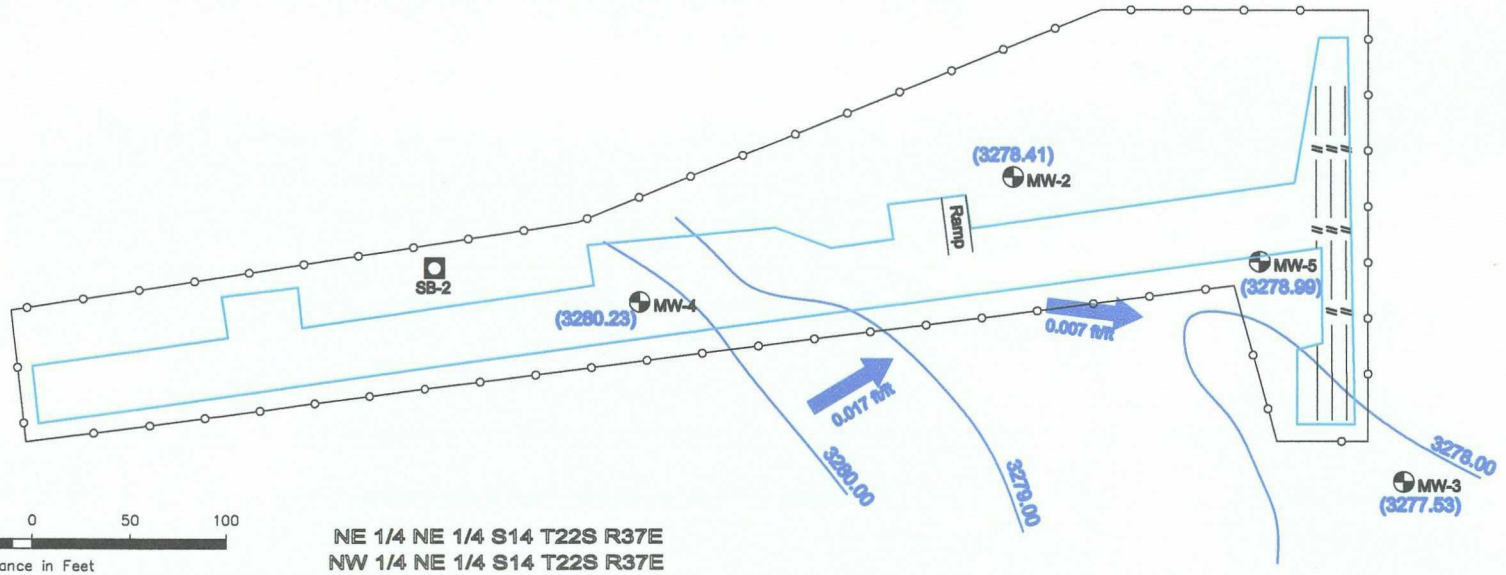
LEGEND:

- Monitor Well Location
- Soil Boring
- Groundwater Gradient Contour Line
- Extent of Excavation
- ND Not Detect
- NS Not Sampled
- —//— Exposed Pipeline
- Groundwater Gradient Direction and Magnitude
- 3278.50 Groundwater Elevation
- NG Well was not gauged

Figure 3
Inferred Groundwater Gradient Map (6/24/06)
2nd Quarter
Plains Marketing, L.P.
TNM 97-23
Eunice, NM

BBC International, Inc.
World-Wide Environmental Specialists
Hobbs, New Mexico

32° 23' 45.3N 103° 07' 51.8"W		
Scale: 1" = 100'	Prep By: LA	Checked By: CB
March 1, 2007		



LEGEND:

- Monitor Well Location
- Soil Boring
- Groundwater Gradient Contour Line
- Extent of Excavation

- ND Not Detect
- NS Not Sampled
- —//— Exposed Pipeline
- Groundwater Gradient Direction and Magnitude
- 3278.50 Groundwater Elevation
- NG Well was not gauged

Figure 4
Inferred Groundwater Gradient Map (9/25/06)
3rd Quarter
Plains Marketing, L.P.
TNM 97-23
Eunice, NM

BBC International, Inc.
World-Wide Environmental Specialists
Hobbs, New Mexico

32° 23' 45.3N 103° 07' 51.8"W

Scale: 1" = 100' | Prep By: LA | Checked By: CB

March 1, 2007

LEGEND:

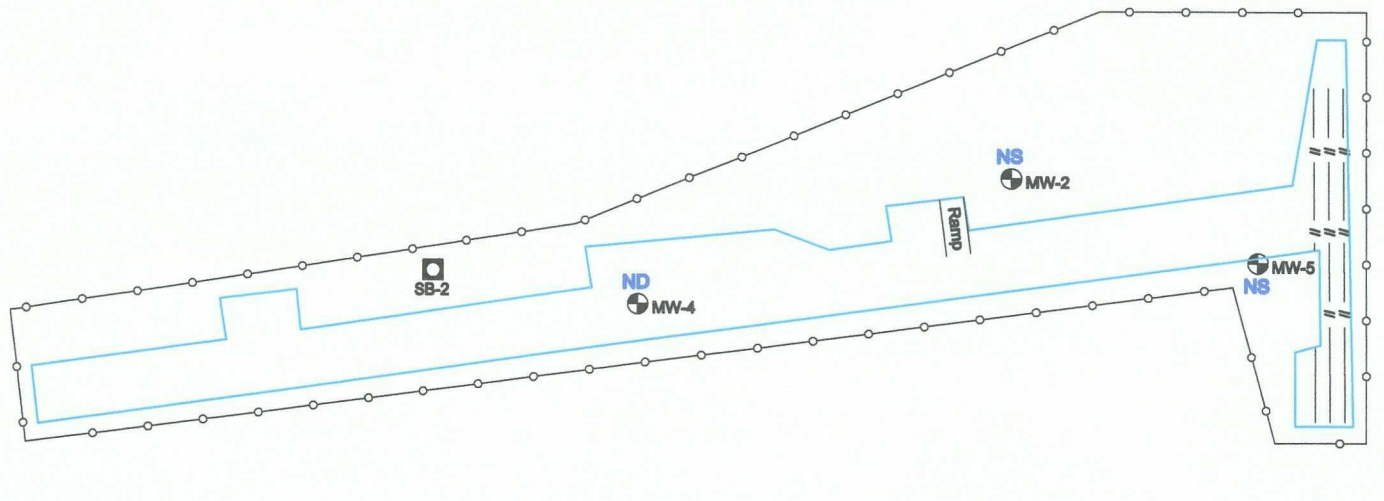
- Monitor Well Location
- Soil Boring
- Groundwater Gradient Contour Line
- Extent of Excavation

- ND Not Detect
- NS Not Sampled
- —//— Exposed Pipeline
- Groundwater Gradient Direction and Magnitude
- 3278.50 Groundwater Elevation
- NG Well was not gauged

Figure 5
Inferred Groundwater Gradient Map (12/28/06)
4rd Quarter
Plains Marketing, L.P.
TNM 97-23
Eunice, NM

BBC International, Inc.
World-Wide Environmental Specialists
Hobbs, New Mexico

32° 23' 45.3N 103° 07' 51.8"W		
Scale: 1" = 100'	Prep By: LA	Checked By: CB
March 1, 2007		



100 50 0 50 100

Distance in Feet

NE 1/4 NE 1/4 S14 T22S R37E
NW 1/4 NE 1/4 S14 T22S R37E

LEGEND:

- Monitor Well Location
- Soil Boring
- Groundwater Gradient Contour Line
- Extent of Excavation

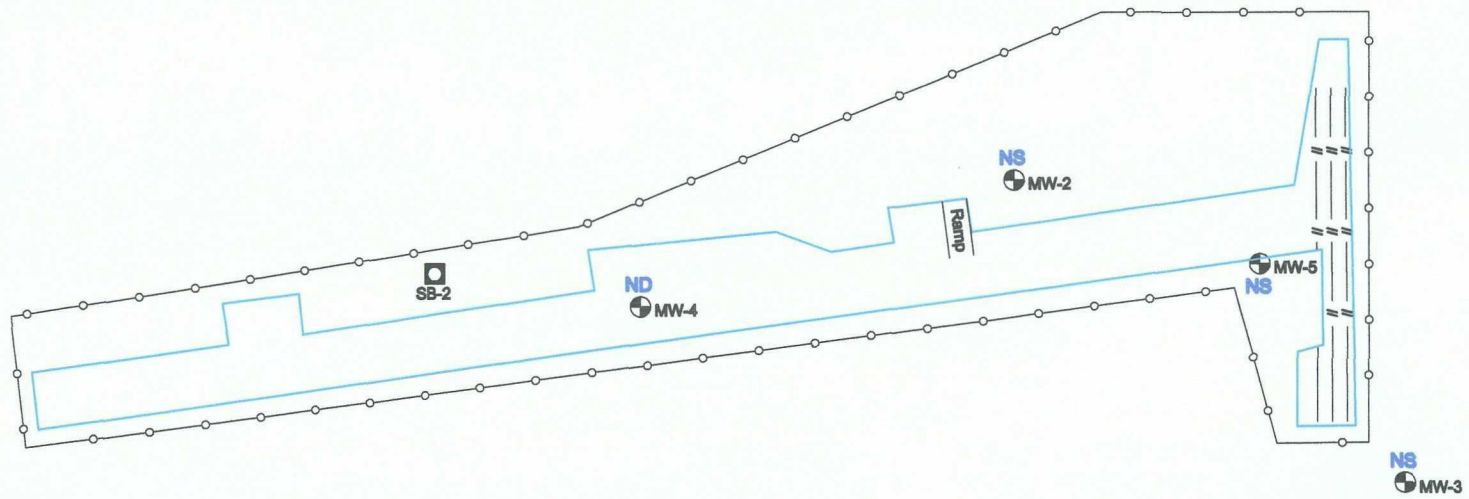
- ND Not Detect
- NS Not Sampled
- —//— Exposed Pipeline
- Groundwater Gradient Direction and Magnitude
- 3278.50 Groundwater Elevation
- NG Well was not gauged

Figure 6
BTEX Concentration
(3/09/06)
1st Quarter
Plains Marketing, L.P.
TNM 97-23
Eunice, NM

BBC International, Inc.
World-Wide Environmental Specialists
Hobbs, New Mexico

32° 23' 45.3N 103° 07' 51.8"W

Scale: 1" = 100'	Prep By: LA	Checked By: CB
March 1, 2007		



NE 1/4 NE 1/4 S14 T22S R37E
NW 1/4 NE 1/4 S14 T22S R37E

LEGEND:

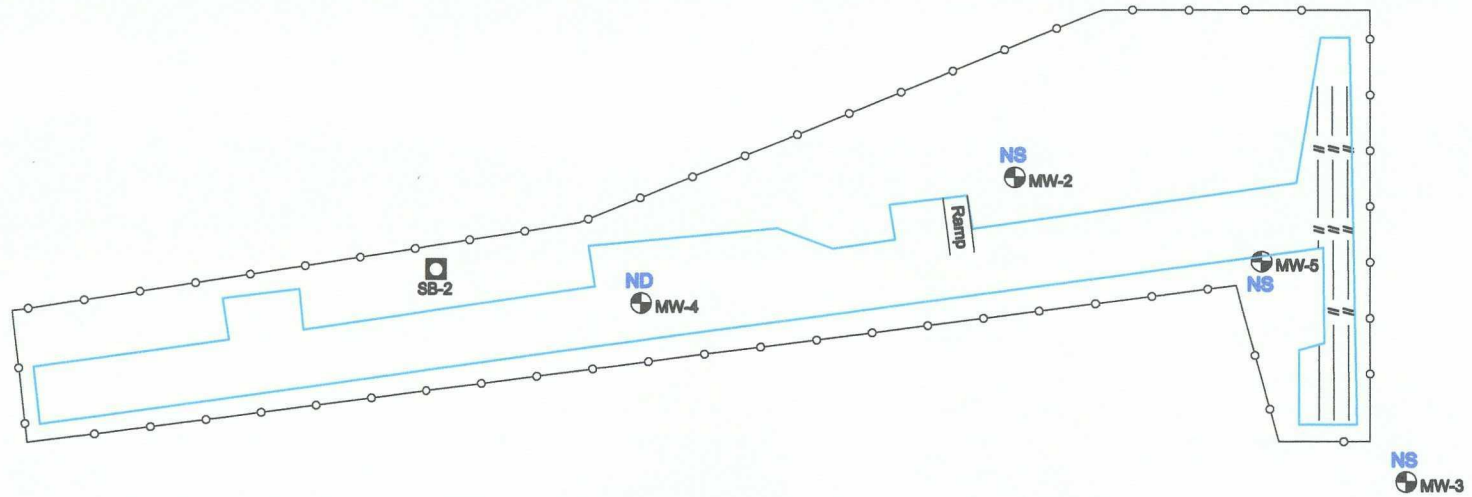
- Monitor Well Location
- Soil Boring
- Groundwater Gradient Contour Line
- Extent of Excavation

- ND Not Detect
- NS Not Sampled
- —//— Exposed Pipeline
- Groundwater Gradient Direction and Magnitude
- 3278.50 Groundwater Elevation
- NG Well was not gauged

Figure 7
BTEX Concentration
(6/24/06)
2nd Quarter
Plains Marketing, L.P.
TNM 97-23
Eunice, NM

BBC International, Inc.
World-Wide Environmental Specialists
Hobbs, New Mexico

32° 23' 45.3N 103° 07' 51.8"W		
Scale: 1" = 100'	Prep By: LA	Checked By: CB
March 1, 2007		



100 50 0 50 100

Distance in Feet

NE 1/4 NE 1/4 S14 T22S R37E
NW 1/4 NE 1/4 S14 T22S R37E

LEGEND:

- Monitor Well Location
- Soil Boring
- Groundwater Gradient Contour Line
- Extent of Excavation

- ND Not Detect
- NS Not Sampled
- —//— Exposed Pipeline
- Groundwater Gradient Direction and Magnitude
- 3278.50 Groundwater Elevation
- NG Well was not gauged

Figure 8
BTEX Concentration
(9/25/06)
3rd Quarter
Plains Marketing, L.P.
TNM 97-23
Eunice, NM

BBC International, Inc.
World-Wide Environmental Specialists
Hobbs, New Mexico

32° 23' 45.3N 103° 07' 51.6"W		
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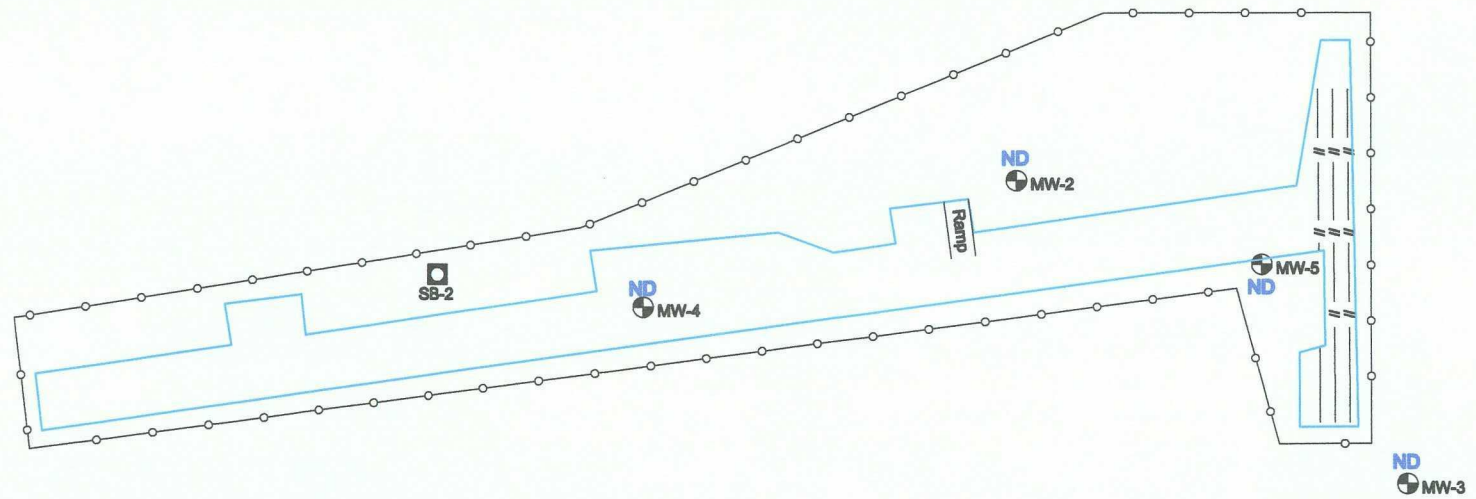
March 1, 2007		



NE 1/4 NE 1/4 S14 T22S R37E
NW 1/4 NE 1/4 S14 T22S R37E

LEGEND:

- Monitor Well Location
- Soil Boring
- Groundwater Gradient Contour Line
- Extent of Excavation

- ND Not Detect
- NS Not Sampled
- Exposed Pipeline
- Groundwater Gradient Direction and Magnitude
- 3278.50 Groundwater Elevation
- NG Well was not gauged

Figure 9
BTEX Concentration
(12/28/06)
4th Quarter
Plains Marketing, L.P.
TNM 97-23
Eunice, NM

BBC International, Inc.
World-Wide Environmental Specialists
Hobbs, New Mexico

32° 23' 45.3N 103° 07' 51.8"W		
Scale: 1" = 100'	Prep By: LA	Checked By: CB
March 1, 2007		

TABLE 1

GROUNDWATER ELEVATION DATA

TNM 97-23

LEA COUNTY, NEW MEXICO

Plains EMS Number: TNM 97-23

NUMBER	MEASURED	CASING	PRODUCT	WATER	THICKNESS	GROUNDWATER
MW - 1	11/04/99	3,338.00	-	59.26	0.00	3278.74
	02/25/00	3,338.00	-	59.33	0.00	3,278.67
	06/06/00	3,338.00	-	59.36	0.00	3,278.64
	09/15/00	3,338.00	-	59.42	0.00	3,278.58
	11/30/00	3,338.00	-	59.44	0.00	3,278.56
	03/16/01	3,338.00	-	59.38	0.00	3,278.62
	06/04/01	3,338.00	-	59.39	0.00	3,278.61
	09/24/01	3,338.00	-	59.48	0.00	3,278.52
	10/30/01	3,338.00	-	59.45	0.00	3,278.55
	01/28/02	3,338.00	-	59.54	0.00	3,278.46
	05/21/02	3,338.00	-	59.57	0.00	3,278.43
	09/19/02	3,338.00	-	59.71	0.00	3,278.29
	12/16/02	3,338.00	-	59.64	0.00	3,278.36
	02/24/03	3,338.00	-	59.72	0.00	3,278.28
	05/20/03	3,338.00	-	59.72	0.00	3,278.28
	08/28/03	3,338.00	-	59.74	0.00	3,278.26
	11/26/03	3,338.00	-	59.80	0.00	3,278.20
	02/19/04	3,338.00	-	59.80	0.00	3,278.20
	05/13/04	3,338.00	-	59.84	0.00	3,278.16
	08/23/04	3,338.00	-	59.84	0.00	3,278.16
	12/27/04	3,338.00	-	59.79	0.00	3,278.21
	03/16/05	3,338.00	-	59.60	0.00	3,278.40
	06/14/05	3,338.00	-	59.53	0.00	3,278.47
	09/28/05	3,338.00	-	59.42	0.00	3,278.58
	12/08/05	3,338.00	-	59.43	0.00	3,278.57
	03/09/06	3,338.00	-	59.35	0.00	3,278.65
	06/24/06	3,338.00	-	59.30	0.00	3,278.70
	09/25/06	3,338.00	-	59.34	0.00	3,278.66
	12/28/06	3,338.00	-	59.30	0.00	3,278.70

TABLE 1

GROUNDWATER ELEVATION DATA

TNM 97-23

LEA COUNTY, NEW MEXICO

Plains EMS Number: TNM 97-23

MW - 2	02/25/00	3,336.79	-	58.57	0.00	3,278.22
	06/06/00	3,336.79	-	58.60	0.00	3,278.19
	09/15/00	3,336.79	-	58.66	0.00	3,278.13
	11/30/00	3,336.79	-	58.66	0.00	3,278.13
	03/16/01	3,336.79	-	58.62	0.00	3,278.17
	06/04/01	3,336.79	-	58.63	0.00	3,278.16
	09/24/01	3,336.79	-	58.61	0.00	3,278.18
	10/30/01	3,336.79	-	58.72	0.00	3,278.07
	01/28/02	3,336.79	-	58.74	0.00	3,278.05
	05/21/02	3,336.79	-	58.78	0.00	3,278.01
	09/19/02	3,336.79	-	58.70	0.00	3,278.09
	12/16/02	3,336.79	-	58.64	0.00	3,278.15
	02/24/03	3,336.79	-	58.76	0.00	3,278.03
	05/20/03	3,336.79	-	58.87	0.00	3,277.92
	08/29/03	3,336.79	-	58.88	0.00	3,277.91
	11/26/03	3,336.79	-	58.91	0.00	3,277.88
	02/19/04	3,336.79	-	58.93	0.00	3,277.86
	05/13/04	3,336.79	-	58.83	0.00	3,277.96
	08/23/04	3,336.79	-	58.94	0.00	3,277.85
	12/27/04	3,336.79	-	58.44	0.00	3,278.35
	03/16/05	3,336.79	-	58.52	0.00	3,278.27
	06/14/05	3,336.79	-	58.46	0.00	3,278.33
	09/28/05	3,336.79	-	58.37	0.00	3,278.42
	12/08/05	3,336.79	-	58.37	0.00	3,278.42
	03/09/06	3,336.79	-	58.40	0.00	3,278.39
	06/24/06	3,336.79	-	58.36	0.00	3,278.43
	09/25/06	3,336.79	-	58.38	0.00	3,278.41
	12/28/06	3,336.79	-	58.32	0.00	3,278.47

TABLE 1

GROUNDWATER ELEVATION DATA

TNM 97-23

LEA COUNTY, NEW MEXICO

Plains EMS Number: TNM 97-23

MW - 3	02/25/00	3,339.32	-	61.89	0.00	3,277.43
	06/06/00	3,339.32	-	61.91	0.00	3,277.41
	09/15/00	3,339.32	-	61.98	0.00	3,277.34
	11/30/00	3,339.32	-	62.00	0.00	3,277.32
	03/16/01	3,339.32	-	61.95	0.00	3,277.37
	06/04/01	3,339.32	-	61.95	0.00	3,277.37
	09/24/01	3,339.32	-	61.99	0.00	3,277.33
	10/30/01	3,339.32	-	62.22	0.00	3,277.10
	01/28/02	3,339.32	-	62.05	0.00	3,277.27
	05/21/02	3,339.32	-	62.05	0.00	3,277.27
	09/19/02	3,339.32	-	62.17	0.00	3,277.15
	12/16/02	3,339.32	-	62.04	0.00	3,277.28
	02/24/03	3,339.32	-	62.18	0.00	3,277.14
	05/20/03	3,339.32	-	62.14	0.00	3,277.18
	08/28/03	3,339.32	-	62.24	0.00	3,277.08
	11/26/03	3,339.32	-	62.26	0.00	3,277.06
	02/19/04	3,339.32	-	62.28	0.00	3,277.04
	05/13/04	3,339.32	-	62.30	0.00	3,277.02
	08/23/04	3,339.32	-	62.33	0.00	3,276.99
	12/27/04	3,339.32	-	62.17	0.00	3,277.15
	03/16/05	3,339.32	-	62.03	0.00	3,277.29
	06/14/05	3,339.32	-	61.99	0.00	3,277.33
	09/28/05	3,339.32	-	61.84	0.00	3,277.48
	12/08/05	3,339.32	-	61.91	0.00	3,277.41
	03/09/06	3,339.32	-	61.80	0.00	3,277.52
	06/24/06	3,339.32	-	61.77	0.00	3,277.55
	09/25/06	3,339.32	-	61.79	0.00	3,277.53
	12/28/06	3,339.32	-	61.82	0.00	3,277.50

TABLE 1

GROUNDWATER ELEVATION DATA

TNM 97-23

LEA COUNTY, NEW MEXICO

Plains EMS Number: TNM 97-23

MW - 4	02/25/00	3,335.50	-	56.81	0.00	3,278.69
	06/06/00	3,335.50	-	56.82	0.00	3,278.68
	09/15/00	3,335.50	-	56.85	0.00	3,278.65
	11/30/00	3,335.50	-	56.85	0.00	3,278.65
	03/16/01	3,335.50	-	56.74	0.00	3,278.76
	06/04/01	3,335.50	-	56.76	0.00	3,278.74
	09/24/01	3,335.50	-	56.83	0.00	3,278.67
	10/30/01	3,335.50	-	56.87	0.00	3,278.63
*	01/28/02	3,335.50	-	-	-	-
*	05/21/02	3,335.50	-	-	-	-
*	09/19/02	3,335.50	-	-	-	-
*	12/16/02	3,335.50	-	-	-	-
*	02/24/03	3,335.50	-	-	-	-
	05/20/03	3,335.50	-	56.92	0.00	3,278.58
	08/28/03	3,335.50	-	56.97	0.00	3,278.53
	11/26/03	3,335.50	-	57.06	0.00	3,278.44
	02/19/04	3,335.50	-	57.08	0.00	3,278.42
	05/13/04	3,335.50	-	56.94	0.00	3,278.56
	08/23/04	3,335.50	-	56.90	0.00	3,278.60
	12/27/04	3,336.50	-	56.26	0.00	3,280.24
	03/16/05	3,336.50	-	56.43	0.00	3,280.07
	06/14/05	3,336.50	-	56.57	0.00	3,279.93
	09/28/05	3,336.50	-	56.33	0.00	3,280.17
	12/08/05	3,336.50	-	56.30	0.00	3,280.20
	03/09/06	3,336.50	-	56.27	0.00	3,280.23
	06/24/06	3,336.50	-	56.24	0.00	3,280.26
	09/25/06	3,336.50	-	56.27	0.00	3,280.23
	12/28/06	3,336.50	-	56.36	0.00	3,280.14

TABLE 1

GROUNDWATER ELEVATION DATA

TNM 97-23

LEA COUNTY, NEW MEXICO

Plains EMS Number: TNM 97-23

MW - 5	02/25/00	3,337.21	-	59.36	0.00	3,277.85
	06/06/00	3,337.21	-	59.38	0.00	3,277.83
	09/15/00	3,337.21	-	59.45	0.00	3,277.76
	11/30/00	3,337.21	-	59.44	0.00	3,277.77
	03/16/01	3,337.21	-	59.42	0.00	3,277.79
	06/04/01	3,337.21	-	59.42	0.00	3,277.79
	09/24/01	3,337.21	-	59.46	0.00	3,277.75
	10/30/01	3,337.21	-	59.51	0.00	3,277.70
	01/28/02	3,337.21	-	59.50	0.00	3,277.71
	05/21/02	3,337.21	-	59.65	0.00	3,277.56
	09/19/02	3,337.21	-	59.59	0.00	3,277.62
	12/16/02	3,337.21	-	59.51	0.00	3,277.70
	02/24/03	3,337.21	-	59.61	0.00	3,277.60
	05/20/03	3,337.21	-	59.66	0.00	3,277.55
	08/28/03	3,337.21	-	59.69	0.00	3,277.52
	11/26/03	3,337.21	-	59.72	0.00	3,277.49
	02/19/04	3,337.21	-	59.73	0.00	3,277.48
	05/13/04	3,337.21	-	59.73	0.00	3,277.48
	08/23/04	3,337.21	-	59.75	0.00	3,277.46
	12/27/04	3,338.21	-	59.42	0.00	3,278.79
	03/16/05	3,338.21	-	59.41	0.00	3,278.80
	06/14/05	3,338.21	-	59.40	0.00	3,278.81
	09/28/05	3,338.21	-	59.30	0.00	3,278.91
	12/08/05	3,338.21	-	59.26	0.00	3,278.95
	03/09/06	3,338.21	-	59.21	0.00	3,279.00
	06/24/06	3,338.21	-	59.19	0.00	3,279.02
	09/25/06	3,338.21	-	59.22	0.00	3,278.99
	12/28/06	3,338.21	-	59.22	0.00	3,278.99

* Inaccessible due to excavation

Elevations based on the North American Vertical Datum of 1929.

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

TNM 97-23
LEA COUNTY, NEW MEXICO
Plains EMS Number: TNM 97-23

All concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	METHODS: EPA SW 846 - 8220, 8221B, 8260, 5230, 8021B				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 1	05/12/99	<0.001	<0.001	<0.001	<0.001	<0.001
	08/23/99	<0.001	<0.001	<0.001	<0.001	<0.001
	11/04/99	<0.001	<0.001	<0.001	<0.001	<0.001
	01/13/00	<0.001	<0.001	<0.001	<0.001	<0.001
	05/18/00	<0.001	<0.001	<0.001	<0.001	<0.001
	06/06/00	<0.001	<0.001	<0.001	<0.001	<0.001
	09/15/00	<0.001	<0.001	<0.001	<0.001	<0.001
	11/30/00	<0.001	<0.001	<0.001	<0.001	<0.001
	03/16/01	<0.001	<0.001	<0.001	<0.001	<0.001
	06/04/01	<0.005	0.0198	0.0197	0.0792	
	09/24/01	<0.001	<0.001	<0.001	<0.001	<0.001
	10/30/01	<0.001	<0.001	<0.001	<0.001	<0.001
	01/28/02	<0.001	<0.001	<0.001	<0.001	<0.001
	05/21/02	<0.001	<0.001	<0.001	<0.001	<0.001
	09/19/02	<0.001	<0.001	<0.001	<0.001	<0.001
	12/16/02	<0.001	<0.001	<0.001	<0.001	<0.001
	02/24/03	<0.001	<0.001	<0.001	<0.001	<0.001
	05/20/03	<0.001	<0.001	<0.001	<0.001	<0.001
	08/28/03	<0.001	<0.001	<0.001	<0.001	<0.001
	11/26/03	<0.001	<0.001	<0.001	<0.002	<0.001
	02/19/04	<0.001	<0.001	<0.001	<0.002	<0.001
	12/27/04	<0.001	<0.001	<0.001	<0.001	<0.001
	12/08/05	<0.00100	<0.00100	<0.00100	<0.00100	
	12/28/06	<0.00100	<0.00100	<0.00100	<0.00100	

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

TNM 97-23
LEA COUNTY, NEW MEXICO
Plains EMS Number: TNM 97-23

All concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	METHODS: EPA SW 846 - 8220, 8221B, 8260, 5230, 8021B				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 2	02/25/00	0.001	<0.001	<0.001	<0.001	<0.001
	05/18/00	<0.001	<0.001	<0.001	<0.001	<0.001
	06/06/00	0.005	0.003	<0.001	<0.001	0.001
	09/15/00	<0.001	<0.001	<0.001	<0.001	<0.001
	11/30/00	0.012	0.004	<0.001	<0.001	0.002
	03/16/01	0.002	<0.001	<0.001	<0.001	<0.001
	06/04/01	0.009	<0.005	<0.005	<0.005	
	09/24/01	0.003	<0.001	<0.001	<0.001	<0.001
	10/30/01	0.002	<0.001	<0.001	<0.001	<0.001
	01/28/02	0.004	<0.001	<0.001	<0.001	<0.001
	05/21/02	0.006	0.001	<0.001	0.001	<0.001
	09/19/02	<0.001	<0.001	<0.001	<0.001	<0.001
	12/16/02	0.005	<0.001	<0.001	<0.001	<0.001
	02/24/03	<0.001	<0.001	<0.001	<0.001	<0.001
	05/20/03	<0.001	<0.001	<0.001	<0.001	<0.001
	08/28/03	<0.001	<0.001	<0.001	<0.001	<0.001
	11/26/03	<0.001	<0.001	<0.001	<0.002	<0.001
	02/19/04	<0.001	<0.001	<0.001	<0.002	<0.001
	12/27/04	<0.001	<0.001	<0.001	<0.001	<0.001
	12/08/05	<0.00100	<0.00100	<0.00100	<0.00100	
	12/28/06	<0.00100	<0.00100	<0.00100	<0.00100	

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

TNM 97-23
LEA COUNTY, NEW MEXICO
Plains EMS Number: TNM 97-23

All concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	METHODS: EPA SW 846 - 8220, 8221B, 8260, 5230, 8021B				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 3	02/25/00	0.003	0.002	<0.001	<0.001	<0.001
	05/18/00	0.001	<0.001	<0.001	<0.001	<0.001
	06/06/00	<0.001	<0.001	<0.001	<0.001	<0.001
	09/15/00	<0.001	<0.001	<0.001	<0.001	<0.001
	11/30/00	<0.001	<0.001	<0.001	<0.001	<0.001
	03/16/01	0.002	<0.001	<0.001	<0.001	<0.001
	06/04/01	0.008	<0.005	<0.005	<0.005	
	09/24/01	<0.001	<0.001	<0.001	<0.001	<0.001
	10/30/01	<0.001	<0.001	<0.001	<0.001	<0.001
	01/28/02	<0.001	<0.001	<0.001	<0.001	<0.001
	05/21/02	<0.001	<0.001	<0.001	<0.001	<0.001
	09/19/02	<0.001	<0.001	<0.001	<0.001	<0.001
	12/16/02	0.002	<0.001	<0.001	<0.001	<0.001
	02/24/03	<0.001	<0.001	<0.001	<0.001	<0.001
	05/20/03	<0.001	<0.001	<0.001	<0.001	<0.001
	08/28/03	<0.001	<0.001	<0.001	<0.001	<0.001
	11/26/03	<0.001	<0.001	<0.001	<0.002	<0.001
	02/19/04	<0.001	<0.001	<0.001	<0.002	<0.001
	12/27/04	<0.001	<0.001	<0.001	<0.001	<0.001
	12/08/05	<0.00100	<0.00100	<0.00100	<0.00100	
	12/28/06	<0.00100	<0.00100	<0.00100	<0.00100	

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

TNM 97-23
LEA COUNTY, NEW MEXICO
Plains EMS Number: TNM 97-23

All concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	METHODS: EPA SW 846 - 8220, 8221B, 8260, 5230, 8021B				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 4	02/25/00	0.012	0.007	0.001	<0.001	<0.001
	05/18/00	0.002	<0.001	<0.001	<0.001	<0.001
	06/06/00	0.022	0.014	0.003	0.009	
	09/15/00	0.018	0.008	<0.001	<0.001	<0.001
	11/30/00	0.041	0.027	0.005	0.015	
	03/16/01	0.023	0.013	0.002	0.005	0.001
	06/04/01	0.015	0.020	<0.005	<0.005	
	09/24/01	0.027	0.016	0.003	0.007	0.003
	10/30/01	0.018	0.011	0.001	0.004	0.001
	01/28/02	NA	NA	NA	NA	NA
	05/21/02	NA	NA	NA	NA	NA
	09/19/02	NA	NA	NA	NA	NA
	12/16/02	NA	NA	NA	NA	NA
	02/24/03	NA	NA	NA	NA	NA
	05/20/03	<0.001	<0.001	<0.001	<0.001	<0.001
	08/28/03	<0.001	<0.001	<0.001	<0.001	<0.001
	11/26/03	<0.001	<0.001	<0.001	<0.002	<0.001
	02/19/04	<0.001	<0.001	<0.001	<0.002	<0.001
	05/13/04	<0.001	<0.001	<0.001	<0.002	<0.001
	08/23/04	<0.001	<0.001	<0.001	<0.002	<0.001
	05/13/04	<0.001	<0.001	<0.001	<0.002	<0.001
	08/23/04	<0.001	<0.001	<0.001	<0.002	<0.001
	12/27/04	<0.001	0.00122	<0.001	<0.001	<0.001
	03/16/05	<0.001	<0.001	<0.001	<0.001	<0.001
	06/14/05	<0.001	<0.001	<0.001	<0.001	<0.001
	09/28/05	<0.001	<0.001	<0.001	<0.001	<0.001
	12/08/05	<0.00100	<0.00100	<0.00100	<0.00100	
	03/09/06	<0.00100	<0.00100	<0.00100	<0.00100	
	06/24/06	<0.00100	<0.00100	<0.00100	<0.00100	
	09/25/06	<0.00100	<0.00100	<0.00100	<0.00100	
	12/28/06	<0.00100	<0.00100	<0.00100	<0.00100	

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

TNM 97-23
LEA COUNTY, NEW MEXICO
Plains EMS Number: TNM 97-23

All concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	METHODS: EPA SW 846 - 8220, 8221B, 8260, 5230, 8021B				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 5	02/25/00	0.001	<0.001	<0.001	<0.001	<0.001
	05/18/00	<0.001	<0.001	<0.001	0.002	
	06/06/00	0.002	0.001	<0.001	<0.001	<0.001
	09/15/00	<0.001	<0.001	<0.001	<0.001	<0.001
	11/30/00	<0.001	<0.001	<0.001	<0.001	<0.001
	03/16/01	<0.001	<0.001	<0.001	<0.001	<0.001
	06/04/01	<0.005	<0.005	<0.005	<0.005	
	09/24/01	<0.001	<0.001	<0.001	<0.001	<0.001
	10/30/01	<0.001	<0.001	<0.001	<0.001	<0.001
	01/28/02	<0.001	<0.001	<0.001	<0.001	<0.001
	05/21/02	<0.001	<0.001	<0.001	<0.001	<0.001
	09/19/02	<0.001	<0.001	<0.001	<0.001	<0.001
	12/16/02	<0.001	<0.001	<0.001	<0.001	<0.001
	02/24/03	<0.001	<0.001	<0.001	<0.001	<0.001
	05/20/03	<0.001	<0.001	<0.001	<0.001	<0.001
	08/28/03	<0.001	<0.001	<0.001	<0.001	<0.001
	11/26/03	<0.001	<0.001	<0.001	<0.002	<0.001
	02/19/04	<0.001	<0.001	<0.001	<0.002	<0.001
	12/27/04	<0.001	<0.001	<0.001	<0.001	<0.001
	12/08/05	<0.00100	<0.00100	<0.00100	<0.00100	
	12/28/06	<0.00100	<0.00100	<0.00100	<0.00100	

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

TNM 97-23
LEA COUNTY, NEW MEXICO
Plains EMS Number: TNM 97-23

All concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	METHODS: EPA SW 846 - 8220, 8221B, 8260, 5230, 8021B				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 6	08/28/03	<0.001	<0.001	<0.001	<0.001	<0.001
SAMPLE LOCATION	SAMPLE DATE	METHODS: EPA SW 846 - 8220, 8221B, 8260, 5230, 8021B				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
EB - 1	09/15/00	<0.001	<0.001	<0.001	<0.001	<0.001
	11/30/00	<0.001	<0.001	<0.001	<0.001	<0.001
	03/16/01	<0.001	<0.001	<0.001	<0.001	<0.001
	06/04/01	<0.005	<0.005	<0.005	<0.005	
	09/24/01	<0.001	<0.001	<0.001	<0.001	<0.001
	10/30/01	<0.001	<0.001	<0.001	<0.001	<0.001
	01/28/02	<0.001	<0.001	<0.001	<0.001	<0.001
	05/21/02	<0.001	<0.001	<0.001	<0.001	<0.001
	09/19/02	<0.001	<0.001	<0.001	<0.001	<0.001
	12/16/02	<0.001	<0.001	<0.001	<0.001	<0.001

Note: NA denotes well MW-4 was not accessable for sampling on date specified due to on-site excavation.
m, p and o xylenes combined when analyzed by Trace Laboratories Inc. only.
MW - 6 was a duplicate sample collected on date indicated.

APPENDIX I

Laboratory Results
1st Quarter 2006

TNM 97-23

April 2007

Plains Marketing, L.P.
Houston, Texas

Prepared by:
BBC International, Inc.

Summary Report

Cliff Brunson
BBC International
1324 W. Marland
Hobbs, NM, 88240

Report Date: March 14, 2006

Work Order: 6031301

EMS#: TNM 97-23
Project Location: Eunice,New Mexico
Project Name: TNM 97-23
Project Number: 97-23

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
85769	MW-4	water	2006-03-09	09:23	2006-03-10

	BTEX				MTBE
Sample - Field Code	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)	MTBE (mg/L)
85769 - MW-4	<0.00100	<0.00100	<0.00100	<0.00100	

TRACEANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1298
155 McCutcheon, Suite H El Paso, Texas 79932 888•588•3443 915•585•3443 FAX 915•585•4944
E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Cliff Brunson
BBC International
1324 W. Marland
Hobbs, NM, 88240

Report Date: March 14, 2006

Work Order: 6031301

EMS#: TNM 97-23
Project Location: Eunice,New Mexico
Project Name: TNM 97-23
Project Number: 97-23

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
85769	MW-4	water	2006-03-09	09:23	2006-03-10

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 4 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Dr. Blair Leftwich, Director

Analytical Report

Sample: 85769 - MW-4

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	25198	Date Analyzed:	2006-03-13	Analyzed By:	KB
Prep Batch:	22141	Sample Preparation:	2006-03-13	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0995	mg/L	1	0.100	100	66.2 - 127.7
4-Bromofluorobenzene (4-BFB)		0.0937	mg/L	1	0.100	94	70.6 - 129.2

Method Blank (1) QC Batch: 25198

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.000255	mg/L	0.001
Toluene		<0.000210	mg/L	0.001
Ethylbenzene		<0.000317	mg/L	0.001
Xylene		<0.00181	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.102	mg/L	1	0.100	102	76.1 - 117
4-Bromofluorobenzene (4-BFB)		0.0925	mg/L	1	0.100	92	58.5 - 118

Laboratory Control Spike (LCS-1) QC Batch: 25198

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.101	0.104	mg/L	1	0.100	<0.000255	101	3	80.8 - 112	20
Toluene	0.100	0.104	mg/L	1	0.100	<0.000210	100	4	78 - 114	20
Ethylbenzene	0.0999	0.105	mg/L	1	0.100	<0.000317	100	5	78.6 - 116	20
Xylene	0.300	0.314	mg/L	1	0.300	<0.00181	100	5	83.2 - 112	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.105	0.103	mg/L	1	0.100	105	103	79.9 - 117
4-Bromofluorobenzene (4-BFB)	0.107	0.108	mg/L	1	0.100	107	108	79 - 123

Matrix Spike (MS-1) QC Batch: 25198 Spiked Sample: 85771

Param		MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	[1]	0.0947	NA	mg/L	1	0.100	<0.000255	95	200	70.9 - 126	20
Toluene	[2]	0.0951	NA	mg/L	1	0.100	<0.000210	95	200	70.8 - 125	20
Ethylbenzene	[3]	0.0958	NA	mg/L	1	0.100	<0.000317	96	200	74.8 - 125	20
Xylene	[4]	0.290	NA	mg/L	1	0.300	<0.00181	97	200	75.7 - 126	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate		MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	[5]	0.101	NA	mg/L	1	0.1	101	0	73.6 - 121
4-Bromofluorobenzene (4-BFB)	[6]	0.105	NA	mg/L	1	0.1	105	0	81.8 - 114

Standard (ICV-1) QC Batch: 25198

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.105	105	85 - 115	2006-03-13
Toluene		mg/L	0.100	0.104	104	85 - 115	2006-03-13
Ethylbenzene		mg/L	0.100	0.104	104	85 - 115	2006-03-13
Xylene		mg/L	0.300	0.314	104	85 - 115	2006-03-13

Standard (CCV-1) QC Batch: 25198

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.101	101	85 - 115	2006-03-13
Toluene		mg/L	0.100	0.100	100	85 - 115	2006-03-13
Ethylbenzene		mg/L	0.100	0.100	100	85 - 115	2006-03-13
Xylene		mg/L	0.300	0.302	101	85 - 115	2006-03-13

[1]RPD is out of range because a matrix spike duplicate was not prepared.
[2]RPD is out of range because a matrix spike duplicate was not prepared.
[3]RPD is out of range because a matrix spike duplicate was not prepared.
[4]RPD is out of range because a matrix spike duplicate was not prepared.
[5]RPD is out of range because a matrix spike duplicate was not prepared.
[6]RPD is out of range because a matrix spike duplicate was not prepared.

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 6031301

Company Name: BBC INTERNATIONAL
Phone #: 505) 3976388
Address: (Street, City, Zip) 1324 W. MARLAND
Fax #:
e-mail: 505) 3970397
Contact Person: Cliff Brunson
Invoice to: (If different from above)
Project #:
Project Name: TNM. 97-23
Project Location: EUNICE NM
Sampler Signature: R H S

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	MATRIX: SOIL	MATRIX: AIR	MATRIX: SLUDGE	PRESERVATIVE METHOD: HCl	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: H_2SO_4	PRESERVATIVE METHOD: NaOH	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: NONE	SAMPLING: DATE	SAMPLING: TIME
85769	MW#4	2	VOA	✓				✓				✓		3906	9:23

ANALYSIS REQUEST (Circle or Specify Method No.)	
MTBE 8021B/602	
BTEX 8021B/602	✓
TPH 418.1/TX1005	✓
TX 1005 Extended (C35)	
PAH 8270C	
Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	
TCLP Metals Ag As Ba Cd Cr Pb Se Hg	
TCLP Volatiles	
TCLP Semi Volatiles	
TCLP Pesticides	
RCI	
GC/MS Vol. 8260B/624	
GC/MS Semi. Vol. 8270C/625	
PCB's 8082/608	
Pesticides 8081A/608	
BOD, TSS, pH	
Moisture Content	
Turn Around Time if different from standard	
Hold	

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Roger Hernandez	3906	10:15			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by: Brenda Ward	3/10/06	3:10

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C.

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LAB USE ONLY

Intact (Y) / N
Headspace Y (N)
Temp 4 °
Log-in Review

REMARKS:

- ☐ Dry Weight Basis Required
- ☐ TRRP Report Required
- ☐ Check If Special Reporting Limits Are Needed

Carrier # Caravan

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 603101

Company Name: BBC International
Phone #: 505) 3976388
Address: (Street, City, Zip) 1324 W. Marland
Fax #:
e-mail: 505) 3970397
Contact Person: Cliff Brunson
Invoice to: (If different from above)
Project #:
Project Name: TNM. 97-23
Project Location: Eunice NM
Sampler Signature: R H S

ANALYSIS REQUEST

(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
85769	MW#4	2	VOA	✓				✓				✓		3906	9:23

MTBE 8021B/602	BTEX 8021	TPH 418.1/TX1005	TX 1005 Extended (C35)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	Moisture Content				Turn Around Time if different from standard	Hold
	✓	✓																			

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Roger Hernandez	3906	10:15			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by:	Date:	Time:
			Brenda Ward	3/10/06	3:10

LAB USE ONLY

Intact (Y) / N
Headspace Y / (N)
Temp 4 °
Log-in Review BP

REMARKS:

- ☐ Dry Weight Basis Required
- ☐ TRRP Report Required
- ☐ Check If Special Reporting Limits Are Needed

3/15 HP

Carrier # Caney In

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C.

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APPENDIX II

Laboratory Results
2nd Quarter 2006

TNM 97-23

April 2007

Plains Marketing, L.P.
Houston, Texas

Prepared by:
BBC International, Inc.

Summary Report

Cliff Brunson
BBC International
1324 W. Marland
Hobbs, NM, 88240

Report Date: July 3, 2006

Work Order: 6062717

Project Location: Eunice NM
Project Name: Plains TNM 97-23
Project Number: TNM 97-23

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
93782	MW #4	water	2006-06-24	11:45	2006-06-27

	BTEX				MTBE
Sample - Field Code	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)	MTBE (mg/L)
93782 - MW #4	<0.00100	<0.00100	<0.00100	<0.00100	

TRACEANALYSIS, INC.

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E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Cliff Brunson
BBC International
1324 W. Marland
Hobbs, NM, 88240

Report Date: July 3, 2006

Work Order: 6062717

Project Location: Eunice NM
Project Name: Plains TNM 97-23
Project Number: TNM 97-23

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
93782	MW #4	water	2006-06-24	11:45	2006-06-27

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

Dr. Blair Leftwich, Director

Analytical Report

Sample: 93782 - MW #4

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	27732	Date Analyzed:	2006-06-29	Analyzed By:	KB
Prep Batch:	24313	Sample Preparation:	2006-06-29	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0991	mg/L	1	0.100	99	78.1 - 125.4
4-Bromofluorobenzene (4-BFB)		0.107	mg/L	1	0.100	107	46.4 - 136.5

Method Blank (1) QC Batch: 27732

QC Batch:	27732	Date Analyzed:	2006-06-29	Analyzed By:	KB
Prep Batch:	24313	QC Preparation:	2006-06-29	Prepared By:	KB

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.000153	mg/L	0.001
Toluene		<0.000283	mg/L	0.001
Ethylbenzene		<0.000621	mg/L	0.001
Xylene		<0.000456	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.100	mg/L	1	0.100	100	77.4 - 109
4-Bromofluorobenzene (4-BFB)		0.107	mg/L	1	0.100	107	63.8 - 118

Laboratory Control Spike (LCS-1)

QC Batch:	27732	Date Analyzed:	2006-06-29	Analyzed By:	KB
Prep Batch:	24313	QC Preparation:	2006-06-29	Prepared By:	KB

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.100	0.102	mg/L	1	0.100	<0.000153	100	2	80 - 120	20
Toluene	0.101	0.102	mg/L	1	0.100	<0.000283	101	1	80 - 120	20
Ethylbenzene	0.100	0.102	mg/L	1	0.100	<0.000621	100	2	80 - 120	20
Xylene	0.301	0.304	mg/L	1	0.300	<0.000456	100	1	80 - 120	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.107	0.108	mg/L	1	0.100	107	108	80 - 120
4-Bromofluorobenzene (4-BFB)	0.114	0.114	mg/L	1	0.100	114	114	80 - 120

Matrix Spike (MS-1) Spiked Sample: 93888

QC Batch: 27732 | Date Analyzed: 2006-06-29 | Analyzed By: KB
Prep Batch: 24313 | QC Preparation: 2006-06-29 | Prepared By: KB

Param		MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	[1]	0.112	NA	mg/L	1	0.100	0.0035	108	200	88.4 - 114	20
Toluene	[2]	0.0870	NA	mg/L	1	0.100	0.0004	87	200	81.4 - 116	20
Ethylbenzene	[3]	0.102	NA	mg/L	1	0.100	0.0049	97	200	82.5 - 118	20
Xylene	[4]	0.354	NA	mg/L	1	0.300	0.0453	103	200	77.9 - 117	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate		MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	[5]	0.0876	NA	mg/L	1	0.1	88	0	84 - 109
4-Bromofluorobenzene (4-BFB)	[6][7]	0.144	NA	mg/L	1	0.1	144	0	74 - 120

Standard (ICV-1)

QC Batch: 27732 | Date Analyzed: 2006-06-29 | Analyzed By: KB

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.104	104	85 - 115	2006-06-29
Toluene		mg/L	0.100	0.104	104	85 - 115	2006-06-29
Ethylbenzene		mg/L	0.100	0.103	103	85 - 115	2006-06-29
Xylene		mg/L	0.300	0.309	103	85 - 115	2006-06-29

Standard (CCV-1)

QC Batch: 27732 | Date Analyzed: 2006-06-29 | Analyzed By: KB

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.100	100	85 - 115	2006-06-29
Toluene		mg/L	0.100	0.101	101	85 - 115	2006-06-29

continued ...

[1]RPD is out of range because a matrix spike duplicate was not prepared.
[2]RPD is out of range because a matrix spike duplicate was not prepared.
[3]RPD is out of range because a matrix spike duplicate was not prepared.
[4]RPD is out of range because a matrix spike duplicate was not prepared.
[5]RPD is out of range because a matrix spike duplicate was not prepared.
[6]Surrogate recovery out of control on MS/MSD due to matrix interference. LCS/LCSD show method to be in control.
[7]RPD is out of range because a matrix spike duplicate was not prepared.

standard continued ...

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Ethylbenzene		mg/L	0.100	0.100	100	85 - 115	2006-06-29
Xylene		mg/L	0.300	0.303	101	85 - 115	2006-06-29

Page 1 of 1

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Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 6062717

Company Name: BBC INTERNATIONAL
Phone #: (505) 3976388
Address: (Street, City, Zip) 1324 W. MAPLAND
Fax #:
e-mail: (505) 3970397
Contact Person: Cliff Brunson
Invoice to: (If different from above)
Project #:
Project Name: TNM 97-23
Project Location: Eunice New Mexico
Sampler Signature: Rogan Hennessy

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
93782	MW #4	2	40A	✓				✓				✓		6-24	11:45

ANALYSIS REQUEST (Circle or Specify Method No.)

MTBE 8021B/602	BTEX 8021B	TPH 418.1/TX1005	TX 1005 Extended (C35)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	Moisture Content				Turn Around Time if different from standard	Hold
	✓																				

Relinquished by: Rogan Hennessy Date: 6-24-06 Time: 515
Received by: Date: Time:
Relinquished by: Date: Time:
Received by: Date: Time:
Relinquished by: Date: Time:
Received at Laboratory by: Megan McCord Date: 6-27-06 Time: 1025

LAB USE ONLY
Intact (Y) N
Headspace Y (N)
Temp 4.0 °
Log-in Review BB

REMARKS:

☐ Dry Weight Basis Required
☐ TRRP Report Required
☐ Check If Special Reporting Limits Are Needed

Carrier # Bus GL1168 7241413

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Report Date: July 3, 2006
TNM 97-23

Work Order: 6062717
Plains TNM 97-23

Page Number: 5 of 5
Eunice NM

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 6062717

Company Name: BBC INTERNATIONAL
Phone #: (505) 3976388
Address: (Street, City, Zip) 1324 W. MARLAND
Fax #:
e-mail: (505) 3970397
Contact Person: Cliff Brunson
Invoice to:
(If different from above)
Project #:
Project Name: TNM 97-23
Project Location: Eunice, New Mexico
Sampler Signature: Rogan Hennard

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
93782	MW#4	2	VOA	✓				✓				✓		6-24	11:45

MTBE 8021B/602	BTEX 8021[redacted]	TPH 418.1/TX1005	TX 1005 Extended (C35)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	Moisture Content				Turn Around Time if different from standard	Hold
	✓																				

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Rogan Hennard	6-24-06	5:15			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by: Megan McCord	6-27-06	1025

LAB USE ONLY

Intact (Y / N)
Headspace Y (N)
Temp 4.0 °
Log-in Review BB

REMARKS:

☐ Dry Weight Basis Required
☐ TRRP Report Required
☐ Check If Special Reporting Limits Are Needed

Carrier # BUS GL1168 7241413

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APPENDIX III

Laboratory Results
3rd Quarter 2006

TNM 97-23

April 2007

Plains Marketing, L.P.
Houston, Texas

Prepared by:
BBC International, Inc.

Summary Report

Cliff Brunson
BBC International
1324 W. Marland
Hobbs, NM, 88240

Report Date: September 29, 2006

Work Order: 6092710

Project Location: Eunice NM
Project Name: Plains TNM 97-23
Project Number: TNM 97-23

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
104494	MW-4	water	2006-09-25	15:40	2006-09-27

	BTEX				MTBE
Sample - Field Code	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)	MTBE (mg/L)
104494 - MW-4	<0.00100	<0.00100	<0.00100	<0.00100	

TRACEANALYSIS, INC.

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155 McCutcheon, Suite H El Paso, Texas 79932 888•588•3443 915•585•3443 FAX 915•585•4944
E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Cliff Brunson
BBC International
1324 W. Marland
Hobbs, NM, 88240

Report Date: September 29, 2006

Work Order: 6092710

Project Location: Eunice NM
Project Name: Plains TNM 97-23
Project Number: TNM 97-23

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
104494	MW-4	water	2006-09-25	15:40	2006-09-27

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

Dr. Blair Leftwich, Director

Analytical Report

Sample: 104494 - MW-4

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	30472	Date Analyzed:	2006-09-28	Analyzed By:	MT
Prep Batch:	26543	Sample Preparation:	2006-09-28	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0822	mg/L	1	0.100	82	78.1 - 125.4
4-Bromofluorobenzene (4-BFB)		0.0703	mg/L	1	0.100	70	46.4 - 136.5

Method Blank (1) QC Batch: 30472

QC Batch:	30472	Date Analyzed:	2006-09-28	Analyzed By:	MT
Prep Batch:	26543	QC Preparation:	2006-09-28	Prepared By:	MT

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.000153	mg/L	0.001
Toluene		<0.000283	mg/L	0.001
Ethylbenzene		<0.000621	mg/L	0.001
Xylene		<0.000456	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0764	mg/L	1	0.100	76	72.5 - 101
4-Bromofluorobenzene (4-BFB)		0.0668	mg/L	1	0.100	67	52.9 - 106

Laboratory Control Spike (LCS-1)

QC Batch:	30472	Date Analyzed:	2006-09-28	Analyzed By:	MT
Prep Batch:	26543	QC Preparation:	2006-09-28	Prepared By:	MT

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.0959	mg/L	1	0.100	<0.000153	96	77.5 - 112
Toluene	0.0931	mg/L	1	0.100	<0.000283	93	75.6 - 115
Ethylbenzene	0.0925	mg/L	1	0.100	<0.000621	92	72.5 - 121
Xylene	0.277	mg/L	1	0.300	<0.000456	92	69.4 - 127

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	0.0952	mg/L	1	0.100	<0.000153	96	77.5 - 112	1	20
Toluene	0.0924	mg/L	1	0.100	<0.000283	93	75.6 - 115	1	20
Ethylbenzene	0.0913	mg/L	1	0.100	<0.000621	92	72.5 - 121	1	20
Xylene	0.273	mg/L	1	0.300	<0.000456	92	69.4 - 127	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0911	0.0989	mg/L	1	0.100	91	99	78.8 - 111
4-Bromofluorobenzene (4-BFB)	0.0909	0.0972	mg/L	1	0.100	91	97	71.7 - 121

Matrix Spike (MS-1) Spiked Sample: 104573

QC Batch: 30472 | Date Analyzed: 2006-09-28 | Analyzed By: MT
Prep Batch: 26543 | QC Preparation: 2006-09-28 | Prepared By: MT

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.110	mg/L	1	0.100	<0.000153	110	88.4 - 114
Toluene	0.105	mg/L	1	0.100	<0.000283	105	81.4 - 116
Ethylbenzene	0.101	mg/L	1	0.100	<0.000621	101	82.5 - 118
Xylene	0.303	mg/L	1	0.300	<0.000456	101	77.9 - 117

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param		MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	[1]	NA	mg/L	1	0.100	<0.000153	0	88.4 - 114	200	20
Toluene	[2]	NA	mg/L	1	0.100	<0.000283	0	81.4 - 116	200	20
Ethylbenzene	[3]	NA	mg/L	1	0.100	<0.000621	0	82.5 - 118	200	20
Xylene	[4]	NA	mg/L	1	0.300	<0.000456	0	77.9 - 117	200	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate		MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	[5]	0.0964	NA	mg/L	1	0.1	96	0	84 - 109
4-Bromofluorobenzene (4-BFB)	[6]	0.0916	NA	mg/L	1	0.1	92	0	74 - 120

Standard (ICV-1)

QC Batch: 30472 | Date Analyzed: 2006-09-28 | Analyzed By: MT

[1]RPD is out of range because a matrix spike duplicate was not prepared.
[2]RPD is out of range because a matrix spike duplicate was not prepared.
[3]RPD is out of range because a matrix spike duplicate was not prepared.
[4]RPD is out of range because a matrix spike duplicate was not prepared.
[5]RPD is out of range because a matrix spike duplicate was not prepared.
[6]RPD is out of range because a matrix spike duplicate was not prepared.

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0907	91	85 - 115	2006-09-28
Toluene		mg/L	0.100	0.0888	89	85 - 115	2006-09-28
Ethylbenzene		mg/L	0.100	0.0902	90	85 - 115	2006-09-28
Xylene		mg/L	0.300	0.272	91	85 - 115	2006-09-28

Standard (CCV-1)

QC Batch: 30472 Date Analyzed: 2006-09-28 Analyzed By: MT

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0957	96	85 - 115	2006-09-28
Toluene		mg/L	0.100	0.0929	93	85 - 115	2006-09-28
Ethylbenzene		mg/L	0.100	0.0890	89	85 - 115	2006-09-28
Xylene		mg/L	0.300	0.267	89	85 - 115	2006-09-28

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C. O. C.

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Carrier # BUS GCI 169 698 1361

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 6092710

Company Name: EBC International — Phone #: (505) 3976388

Address: (Street, City, Zip) 1324 W. Marland, Hobbs NM 88240 — Fax #: (505) 3970397

Contact Person: Cliff Brunson — E-mail:

Invoice to: (If different from above)

Project #: — Project Name: TNM 97-23

Project Location (including state): Eunice, New Mexico — Sampler Signature: Ryan Hernandez

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
104494	MW # 4	2	VOA	✓				✓						9/25	3:40

ANALYSIS REQUEST (Circle or Specify Method No.)

MTBE 8021B / 602 / 8260B / 624	BTEX 8021B / 602 / 8260B / 624	TPH 418.1 / TX1005 / TX1005 Ext(C35)	TPH 8015 GRO / DRO / TVHC	PAH 8270C / 625	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C / 625	PCB's 8082 / 608	Pesticides 8081A / 608	BOD, TSS, pH	Moisture Content						Turn Around Time if different from standard	Hold
	✓																						

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Ryan Hernandez	9.26.06	9:35			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by: Deana Rinker	Date: 9-27-06	Time: 9:30

LAB USE ONLY

Intact Y / N

Headspace Y / N

Temp 5.0 °C

Log-in-Review

REMARKS:

- ☐ Dry Weight Basis Required
- ☐ TRRP Report Required
- ☐ Check If Special Reporting Limits Are Needed

Report Date: September 29, 2006
TNM 97-23

Work Order: 6092710
Plains TNM 97-23

Page Number: 5 of 5
Eunice NM

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El Paso, Texas 79932
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 6092710

Company Name: BBC International
Phone #: (505) 3976388
Address: (Street, City, Zip) 1324 W. MARLAND, HOBBS NM 88240
Fax #: (505) 3970397
Contact Person: Cliff Brunson
E-mail:
Invoice to: (If different from above)
Project #:
Project Name: TNM 97-23
Project Location (including state): Eunice, New Mexico
Sampler Signature: Roger Hernandez

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
104494	MW # 4	2	VOA	✓				✓						9-25	3:40

ANALYSIS REQUEST
(Circle or Specify Method No.)

MTBE 8021B / 602 / 8260B / 624	BTEX 8021B / 602 / 8260B / 624	TPH 418.1 / TX1005 / TX1005 Ext(C35)	TPH 8015 GRO / DRO / TVHC	PAH 8270C / 625	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C / 625	PCB's 8082 / 608	Pesticides 8081A / 608	BOD, TSS, pH	Moisture Content	Turn Around Time if different from standard	Hold
	✓	✓																

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Roger Hernandez	9-26-06	3:35			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by: Jessica Kindley	Date: 9-27-06	Time: 9:30

LAB USE ONLY
Intact (Y) / N
Headspace Y / N
Temp 4°C
Log-in-Review MA

REMARKS:

☐ Dry Weight Basis Required
☐ TRRP Report Required
☐ Check If Special Reporting Limits Are Needed

9/29/06

Carrier # Bus GLI 169 618 1261

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APPENDIX IV

Laboratory Results
4th Quarter 2006

TNM 97-23

April 2007

Plains Marketing, L.P.
Houston, Texas

Prepared by:
BBC International, Inc.

Summary Report

Cliff Brunson
BBC International
1324 W. Marland
Hobbs, NM, 88240

Report Date: January 3, 2007

Work Order: 7010209

Project Location: Eunice NM
Project Name: Plains TNM 97-23
Project Number: TNM 97-23

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
112907	MW-1	water	2006-12-28	12:02	2006-12-30
112908	MW-2	water	2006-12-28	12:40	2006-12-30
112909	MW-3	water	2006-12-28	13:15	2006-12-30
112910	MW-5	water	2006-12-28	14:17	2006-12-30
112911	MW-4	water	2006-12-28	15:41	2006-12-30

	BTEX				MTBE
Sample - Field Code	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)	MTBE (mg/L)
112907 - MW-1	<0.00100	<0.00100	<0.00100	<0.00100	
112908 - MW-2	<0.00100	<0.00100	<0.00100	<0.00100	
112909 - MW-3	<0.00100	<0.00100	<0.00100	<0.00100	
112910 - MW-5	<0.00100	<0.00100	<0.00100	<0.00100	
112911 - MW-4	<0.00100	<0.00100	<0.00100	<0.00100	

TRACEANALYSIS, INC.

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155 McCutcheon, Suite H El Paso, Texas 79932 888•588•3443 915•585•3443 FAX 915•585•4944
E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Cliff Brunson
BBC International
1324 W. Marland
Hobbs, NM, 88240

Report Date: January 3, 2007

Work Order: 7010209

Project Location: Eunice NM
Project Name: Plains TNM 97-23
Project Number: TNM 97-23

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
112907	MW-1	water	2006-12-28	12:02	2006-12-30
112908	MW-2	water	2006-12-28	12:40	2006-12-30
112909	MW-3	water	2006-12-28	13:15	2006-12-30
112910	MW-5	water	2006-12-28	14:17	2006-12-30
112911	MW-4	water	2006-12-28	15:41	2006-12-30

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

Dr. Blair Leftwich, Director

Standard Flags

B - The sample contains less than ten times the concentration found in the method blank.

Analytical Report

Sample: 112907 - MW-1

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	33299	Date Analyzed:	2007-01-02	Analyzed By:	KB
Prep Batch:	28946	Sample Preparation:	2007-01-02	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0916	mg/L	1	0.100	92	65.6 - 126
4-Bromofluorobenzene (4-BFB)		0.0916	mg/L	1	0.100	92	75.8 - 117

Sample: 112908 - MW-2

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	33299	Date Analyzed:	2007-01-02	Analyzed By:	KB
Prep Batch:	28946	Sample Preparation:	2007-01-02	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0932	mg/L	1	0.100	93	65.6 - 126
4-Bromofluorobenzene (4-BFB)		0.0938	mg/L	1	0.100	94	75.8 - 117

Sample: 112909 - MW-3

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	33299	Date Analyzed:	2007-01-02	Analyzed By:	KB
Prep Batch:	28946	Sample Preparation:	2007-01-02	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0932	mg/L	1	0.100	93	65.6 - 126
4-Bromofluorobenzene (4-BFB)		0.0937	mg/L	1	0.100	94	75.8 - 117

Sample: 112910 - MW-5

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	33299	Date Analyzed:	2007-01-02	Analyzed By:	KB
Prep Batch:	28946	Sample Preparation:	2007-01-02	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0911	mg/L	1	0.100	91	65.6 - 126
4-Bromofluorobenzene (4-BFB)		0.0910	mg/L	1	0.100	91	75.8 - 117

Sample: 112911 - MW-4

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	33299	Date Analyzed:	2007-01-02	Analyzed By:	KB
Prep Batch:	28946	Sample Preparation:	2007-01-02	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0917	mg/L	1	0.100	92	65.6 - 126
4-Bromofluorobenzene (4-BFB)		0.0923	mg/L	1	0.100	92	75.8 - 117

Method Blank (1) QC Batch: 33299

QC Batch:	33299	Date Analyzed:	2007-01-02	Analyzed By:	KB
Prep Batch:	28946	QC Preparation:	2007-01-02	Prepared By:	KB

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.000255	mg/L	0.001
Toluene		<0.000210	mg/L	0.001

continued ...

method blank continued ...

Parameter	Flag	MDL Result	Units	RL
Ethylbenzene		<0.000317	mg/L	0.001
Xylene		<0.000603	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0940	mg/L	1	0.100	94	76.5 - 114
4-Bromofluorobenzene (4-BFB)		0.0936	mg/L	1	0.100	94	25.1 - 126.4

Laboratory Control Spike (LCS-1)

QC Batch: 33299 | Date Analyzed: 2007-01-02 | Analyzed By: KB
Prep Batch: 28946 | QC Preparation: 2007-01-02 | Prepared By: KB

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.0991	mg/L	1	0.100	<0.000255	99	82 - 119
Toluene	0.0994	mg/L	1	0.100	<0.000210	99	80.7 - 118
Ethylbenzene	0.102	mg/L	1	0.100	<0.000317	102	79.3 - 120
Xylene	0.311	mg/L	1	0.300	<0.000603	104	80.1 - 120

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	0.0966	mg/L	1	0.100	<0.000255	97	82 - 119	3	20
Toluene	0.0968	mg/L	1	0.100	<0.000210	97	80.7 - 118	3	20
Ethylbenzene	0.0989	mg/L	1	0.100	<0.000317	99	79.3 - 120	3	20
Xylene	0.303	mg/L	1	0.300	<0.000603	101	80.1 - 120	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0947	0.0930	mg/L	1	0.100	95	93	79.7 - 115
4-Bromofluorobenzene (4-BFB)	0.0947	0.0934	mg/L	1	0.100	95	93	66.4 - 127

Matrix Spike (MS-1) Spiked Sample: 112903

QC Batch: 33299 | Date Analyzed: 2007-01-02 | Analyzed By: KB
Prep Batch: 28946 | QC Preparation: 2007-01-02 | Prepared By: KB

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.0918	mg/L	1	0.100	<0.000255	92	78.2 - 121
Toluene	0.0913	mg/L	1	0.100	<0.000210	91	73.7 - 122
Ethylbenzene	0.0934	mg/L	1	0.100	<0.000317	93	72.6 - 123
Xylene	0.286	mg/L	1	0.300	<0.000603	95	76.4 - 121

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	0.0956	mg/L	1	0.100	<0.000255	96	78.2 - 121	4	20
Toluene	0.0955	mg/L	1	0.100	<0.000210	96	73.7 - 122	4	20
Ethylbenzene	0.0969	mg/L	1	0.100	<0.000317	97	72.6 - 123	4	20
Xylene	0.299	mg/L	1	0.300	<0.000603	100	76.4 - 121	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0954	0.0935	mg/L	1	0.1	95	94	78.9 - 116
4-Bromofluorobenzene (4-BFB)	0.0960	0.0946	mg/L	1	0.1	96	95	67.9 - 122

Standard (ICV-1)

QC Batch: 33299 Date Analyzed: 2007-01-02 Analyzed By: KB

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0957	96	85 - 115	2007-01-02
Toluene		mg/L	0.100	0.0960	96	85 - 115	2007-01-02
Ethylbenzene		mg/L	0.100	0.0983	98	85 - 115	2007-01-02
Xylene		mg/L	0.300	0.300	100	85 - 115	2007-01-02

Standard (CCV-1)

QC Batch: 33299 Date Analyzed: 2007-01-02 Analyzed By: KB

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0939	94	85 - 115	2007-01-02
Toluene		mg/L	0.100	0.0936	94	85 - 115	2007-01-02
Ethylbenzene		mg/L	0.100	0.0949	95	85 - 115	2007-01-02
Xylene		mg/L	0.300	0.291	97	85 - 115	2007-01-02

LAB Order ID # 7010209 Page 1 of 1

TraceAnalysis, Inc.

email: lab@traceanalysis.com

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5002 Basin Street, Suite A1, Midland, Texas 79703, Tel (432) 689-6301, Fax (432) 689-6313
200 East Sunset Rd., Suite E, El Paso, Texas 79922, Tel (915) 585-3443, Fax (915) 585-4944, 1 (888) 588-3443
6015 Harris Pkwy., Suite 110, Ft. Worth, Texas 76132, Tel (817) 201-5260

Company Name: BBC INTERNATIONAL
Phone #: (505) 3976388
Address: (Street, City, Zip) 1324 W. MARLAND
Fax #: (505) 3970397
Contact Person: CLIFF BRUNSON
E-mail:
Invoice to: (If different from above)
Project #:
Project Name: TNM 97-23
Project Location (including state): EUNICE, NEW MEXICO
Sampler Signature: R. H

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
112907	MW # 1	3	VOA	✓				✓				✓		12-28	12:02
08	MW # 2	3		✓				✓				✓		12-28	12:40
09	MW # 3	3		✓				✓				✓		12-28	1:15
10	MW # 5	3		✓				✓				✓		12-28	2:17
11	MW # 4	3	VOA	✓				✓				✓		12-28	3:41

ANALYSIS REQUEST (Circle or Specify Method No.)

MTBE 8021B / 602 / 8260B / 624	BTEX 8021B / [redacted]	TPH 418.1 / TX1005 / TX1005 Ext(C35)	TPH 8015 GRO / DRO / TVHC	PAH 8270C / 625	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C / 625	PCB's 8082 / 608	Pesticides 8081A / 608	BOD, TSS, pH	Moisture Content	Turn Around Time if different from standard	Hold
	✓																	
	✓																	
	✓																	
	✓																	
	✓																	

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Rafael Hernandez	12-29	10:00am			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by:	Date:	Time:
				12/30/06	10:15

LAB USE ONLY
Intact Y N
Headspace Y N
Temp 2°C
Log-in-Review

REMARKS:

- ☐ Dry Weight Basis Required
- ☐ TRRP Report Required
- ☐ Check If Special Reporting Limits Are Needed

Carrier # GREYHOUND GLT 303806669

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C. O. C.

ORIGINAL COPY

Report Date: January 3, 2007
TNM 97-23

Work Order: 7010209
Plains TNM 97-23

Page Number: 6 of 6
Eunice NM

LAB Order ID # 7010209 Page 1 of 1

TraceAnalysis, Inc.

email: lab@traceanalysis.com

6701 Aberdeen Avenue, Suite 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-1296

5002 Basin Street, Suite A1
Midland, Texas 79703
Tel (432) 689-6301
Fax (432) 689-6313

200 East Sunset Rd., Suite E
El Paso, Texas 79922
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

6015 Harris Pkwy., Suite 110
Ft. Worth, Texas 76132
Tel (817) 201-5260

Company Name: BBC INTERNATIONAL
Phone #: (505) 3976388
Address: (Street, City, Zip) 1324 W. MARLAND
Fax #: (505) 3970397
Contact Person: CLIFF BRUNSON
E-mail:
Invoice to: (If different from above)
Project #:
Project Name: TNM 97-23
Project Location (including state): EUNICE, NEW MEXICO
Sampler Signature: R. H

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME	MTBE 8021B / 602 / 8260B / 624	BTEX 8021[illegible] / [illegible] / [illegible]	TPH 418.1 / TX1005 / TX1005 Ext(C35)	TPH 8015 GRO / DRO / TVHC	PAH 8270C / 625	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C / 625	PCB's 8082 / 608	Pesticides 8081A / 608	BOD, TSS, pH	Moisture Content	Turn Around Time if different from standard	Hold
112907	MW# 1	3	VOA	✓				✓				✓		12-28	12:02		✓																	
08	MW # 2	3	↓	✓				✓				✓		12-28	12:40		✓																	
09	MW # 3	3	↓	✓				✓				✓		12-28	1:15		✓																	
10	MW # 5	3	↓	✓				✓				✓		12-28	2:17		✓																	
11	MW # 4	3	VOA	✓				✓				✓		12-28	3:41		✓																	

Relinquished by: Date: Time:
ROJED HERNANDEZ 12-29 10:00am

Received by: Date: Time:

Relinquished by: Date: Time:

Received by: Date: Time:

Relinquished by: Date: Time:

Received at Laboratory by: Date: Time:
12/30/06 10:15

LAB USE ONLY
Intact Y N
Headspace Y N
Temp 4 °
Log-in-Review MA

REMARKS:
1/3/07 P.F.L

- ☐ Dry Weight Basis Required
- ☐ TRRP Report Required
- ☐ Check If Special Reporting Limits Are Needed

Carrier # GREYHOUND GLT 303806669

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APPENDIX V

FORM C-141

TNM 97-23

April 2007

Plains Marketing, L.P.
Houston, Texas

Prepared by:
BBC International, Inc.

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

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

Form C-141
Originated 2/13/97

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

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

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

Surface Owner	Mineral Owner	Lease No.
L. V. Lewis Estate		

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	14	22S	37E					Lea

NATURE OF RELEASE

Type of Release	Volume of Release	Volume Recovered
Sour crude	617 barrels	400 barrels
Source of Release	**Date and Hour of Occurrence**	**Date and Hour of Discovery**
14" main line	Unknown	10-22-97 11:45 AM
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	**If YES, To Whom?**	
	Bonnie Pucharik	
By Whom?	**Date and Hour**	
Johnny W. Chapman	10-22-97 2:30 PM	
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.*

Internal Corrosion

Describe Area Affected and Cleanup Action Taken.*

17 385 sq. ft. pasture land. On site remediation.

Describe General Conditions Prevailing (Temperature, Precipitation, etc.).*

70° Cloudy Dry

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

Signature:

Printed Name: Edwin H. Gripp

Title: District Manager

Date: Phone: 915-947-9001

OIL CONSERVATION DIVISION

Approved by District Supervisor:

Approval Date: Expiration Date:

Conditions of Approval: Attached ☐

* Attach Additional Sheets If Necessary

State Corp. Commission
Pipe Line Division

Hazardous Waste Section
NM Environmental Improvement Div.

JWC JAS TNM-97-23