1R - 102

REPORTS

DATE:

2005

PLAINS
ALL AMERICAN

March 30, 2005

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

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

Dear Mr. Martin:

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:

LF-37	Section 19, Township 19 South, Range 37 East, Lea County
6" Central Battery Idle Line	Section 5, Township 20 South, Range 37 East, Lea County
TNM 97-23	Section 14, Township 22 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 3 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

LF-37

SE ¼ OF THE NE ¼ OF SECTION 5
TOWNSHIP 20 SOUTH, RANGE 37 EAST
PLAINS EMS NUMBER: 1999-LF-37
LEA COUNTY, NEW MEXICO

IR-102

2004 Annual Groundwater Monitoring Report

April 2005

PLAINS MARKETING, L.P.
HOUSTON, TEXAS

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. The site was previously managed by Environmental Technology Group, Inc (ETGI) then NOVA Safety and Environmental. The LF-37 pipeline release site, which was formerly the responsibility of Link Energy, is now the responsibility of Plains. This report is intended to be viewed as a complete document with text, figures, tables, and appendices. The report presents the results of the quarterly groundwater monitoring events conducted in calendar year 2004 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 2004 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. The purging and sampling of each well exhibiting sufficient recharge was conducted in the first (1^{st}) and fourth (4^{th}) quarters with one well being sampled every quarter.

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

FIELD ACTIVITES

The site monitor wells were gauged and sampled on February 3, May 3, August 31, and December 21, 2004. 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 elevations contours, generated from water level measurements acquired during the quarterly sampling events of 2004 indicated a general gradient of approximately 0.005 ft/ft to the southeast as measured between groundwater monitor wells MW-1 and MW-4. The depth to groundwater as measured

from the top of the well casing ranged between 15.76 to 29.07 feet for the shallow alluvial aquifer.

LABORATORY RESULTS

Groundwater samples collected during the first three quarters of 2004 monitoring events were delivered to AnalySys Inc. of Austin Texas for determination of Benzene, Toluene, Ethylbenzene, and Xylene (BTEX) constituent concentrations by EPA Method SW 846-8260b. Fourth quarter sample analysis was performed by Trace Analysis, Inc. of Lubbock, Texas for determination of BTEX constituent concentrations by EPA Method SW846-8260b. 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 2004 monitoring period indicate that benzene and BTEX constituent concentrations are below NMOCD regulatory standards (non-detect) in monitor wells MW-1, MW-2, MW-4, MW-6, MW-7, MW-8, and MW-9. During all four (4) quarters, the benzene concentration in monitor well MW-3 was above the NMOCD regulatory standard while total BTEX constituent concentrations were below NMOCD regulatory standards. In the fourth quarter, the benzene concentration in monitor well MW-5 was above the NMOCD regulatory standard while total BTEX constituent concentrations were 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 2004. No detectable or measurable amounts of PSH were recorded during the monitoring period.

Groundwater elevation contours, generated from water level measurements acquired during the quarterly sampling events of 2004, indicated a general gradient of approximately 0.005 ft/ft to the southeast as measured between groundwater monitor wells MW-1 and MW-4.

Review of laboratory analytical results generated from analysis of the groundwater samples obtained during the 2004 monitoring period indicate that benzene and BTEX constituent concentrations are below NMOCD regulatory standards (non-detect) in monitor wells MW-1, MW-2, MW-4, MW-6, MW-7, MW-8, and MW-9. During all four (4) quarters, the benzene concentration in monitor well MW-3 was above the NMOCD

regulatory standard while total BTEX constituent concentrations were below NMOCD regulatory standards. In the fourth quarter, the benzene concentration in monitor well MW-5 was above the NMOCD regulatory standard while total BTEX constituent concentrations were below NMOCD regulatory standards. The results are available in **Appendix I-IV**.

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

CONCLUSION

On behalf of Plains Marketing, L.P. (Plains), BBC International, Inc. (BBC) would like to recommend the following activities.

Plains respectfully requests the immediate plugging and abandonment (P&A) of two groundwater monitoring wells at this site, MW-1 and MW-7. These two wells have been non-detect for over 12 consecutive quarters. With the P&A of MW-1, the site will still have up gradient control with MW-2 and MW-9 and with the P&A of MW-7; the site will still have side gradient control with MW-6 and MW-8.

In addition, to remain compliant with the New Mexico Oil Conservation Division (NMOCD) letter of April 28, 2004, activities in 2005 will include quarterly gauging of all of the monitor wells, quarterly sampling of MW-3, semi-annual sampling of MW-4, and annual sampling of MW-1, MW-2, MW-5, MW-6, MW-7, MW-8, and MW-9. A report detailing activities conducted in 2005 will be submitted in April 2006.

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: Ed Martin
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Copy Number: 1

Table 1. Groundwater Elevation Data
LF - 37

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 1	01/24/02	3,656.43	ND	28.94	0.00	3,627.49
	01/29/02	3,656.43	ND	28.87	0.00	3,627.56
	06/26/02	3,656.43	ND	28.88	0.00	3,627.55
	09/17/02	3,656.43	ND	29.04	0.00	3,627.39
	11/14/02	3,656.43	ND	28.98	0.00	3,627.45
	02/03/03	3,656.43	ND	29.03	0.00	3,627.40
	05/05/03	3,656.43	ND	29.07	0.00	3,627.36
	08/14/03	3,656.43	ND	29.05	0.00	3,627.38
	11/06/03	3,656.43	ND	29.10	0.00	3,627.33
	02/03/04	3,656.43	ND	29.07	0.00	3,627.36
	05/03/04	3,656.43	ND	28.42	0.00	3,628.01
	08/31/04	3,656.43	ND	28.63	0.00	3,627.80
	09/23/04	3,656.43	ND	19.57	0.00	3,636.86
	10/07/04	3,656.43	ND	14.76	0.00	3,641.67
	12/21/04	3,656.43	25.16	25.17	0.01	3,631.27
MW - 2	01/24/02	3,645.76	ND	19.93	0.00	3,625.83
	01/29/02	3,645.76	ND	19.81	0.00	3,625.95
	06/26/02	3,645.76	ND	19.83	0.00	3,625.93
	09/17/02	3,645.76	ND	20.04	0.00	3,625.72
	11/14/02	3,645.76	ND	19.82	0.00	3,625.94
	02/03/03	3,645.76	ND	19.90	0.00	3,625.86
	05/05/03	3,645.76	ND	19.99	0.00	3,625.77
	08/14/03	3,645.76	ND	20.11	0.00	3,625.65
	11/06/03	3,645.76	ND	20.18	0.00	3,625.58
	02/03/04	3,645.76	ND	20.15	0.00	3,625.61
	05/03/04	3,645.76	ND	19.41	0.00	3,626.35
	08/31/04	3,645.76	ND	19.77	0.00	3,625.99
	12/21/04	3,645.76	ND	16.31	0.00	3,629.45

Table 1. Groundwater Elevation Data
LF - 37

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	01/24/02	3,644.25	ND	19.31	0.00	3,624.94
	01/29/02	3,644.25	ND	19.23	0.00	3,625.02
	06/26/02	3,644.25	ND	19.23	0.00	3,625.02
	09/17/02	3,644.25	ND	19.43	0.00	3,624.82
	11/14/02	3,644.25	ND	19.27	0.00	3,624.98
	02/03/03	3,644.25	ND	19.28	0.00	3,624.97
	05/05/03	3,644.25	ND	19.33	0.00	3,624.92
	08/14/03	3,644.25	ND	19.51	0.00	3,624.74
	11/06/03	3,644.25	ND	19.57	0.00	3,624.68
	02/03/04	3,644.25	ND	19.56	0.00	3,624.69
	05/03/04	3,644.25	ND	18.70	0.00	3,625.55
	08/31/04	3,644.25	ND	19.04	0.00	3,625.21
	12/21/04	3,644.25	Sheen	15.76	0.00	3,628.49
MW - 4	01/24/02	3,643.81	ND	19.43	0.00	3,624.38
	01/29/02	3,643.81	ND	19.31	0.00	3,624.50
	06/26/02	3,643.81	ND	19.24	0.00	3,624.57
	09/17/02	3,643.81	ND	19.52	0.00	3,624.29
	11/14/02	3,643.81	ND	19.37	0.00	3,624.44
	02/03/03	3,643.81	ND	19.45	0.00	3,624.36
	05/05/03	3,643.81	ND	19.48	0.00	3,624.33
	08/14/03	3,643.81	ND	19.59	0.00	3,624.22
	11/06/03	3,643.81	ND	19.65	0.00	3,624.16
	02/03/04	3,643.81	ND	19.61	0.00	3,624.20
	05/03/04	3,643.81	ND	18.70	0.00	3,625.11
	08/31/04	3,643.81	ND	19.20	0.00	3,624.61
	09/23/04	3,643.81	Sheen	21.60	0.00	3,622.21
	10/07/04	3,643.81	Sheen	19.40	0.00	3,624.41
	12/21/04	3,643.81	ND	16.00	0.00	3,627.81

Table 1. Groundwater Elevation Data
LF - 37

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	01/24/02	3,644.69	ND	20.18	0.00	3,624.51
	01/29/02	3,644.69	ND	20.12	0.00	3,624.57
	06/26/02	3,644.69	ND	20.13	0.00	3,624.56
	09/17/02	3,644.69	ND	20.29	0.00	3,624.40
	11/14/02	3,644.69	ND	21.50	0.00	3,623.19
	02/03/03	3,644.69	ND	20.13	0.00	3,624.56
	05/05/03	3,644.69	ND	20.25	0.00	3,624.44
	08/14/03	3,644.69	ND	20.35	0.00	3,624.34
	11/06/03	3,644.69	ND	20.39	0.00	3,624.30
	02/03/04	3,644.69	ND	20.43	0.00	3,624.26
	05/03/04	3,644.69	ND	19.64	0.00	3,625.05
	08/31/04	3,644.69	ND	19.99	0.00	3,624.70
	09/23/04	3,644.69	Sheen	19.41	0.00	3,625.28
	12/21/04	3,644.69	ND	16.94	0.00	3,627.75
MW - 6	01/24/02	3,649.95	ND	24.83	0.00	3,625.12
	01/29/02	3,649.95	ND	24.80	0.00	3,625.15
	06/26/02	3,649.95	ND	24.85	0.00	3,625.10
	09/17/02	3,649.95	ND	24.95	0.00	3,625.00
	11/14/02	3,649.95	ND	24.86	0.00	3,625.09
	02/03/03	3,649.95	ND	24.80	0.00	3,625.15
	05/05/03	3,649.95	ND	24.93	0.00	3,625.02
	08/14/03	3,649.95	ND	25.01	0.00	3,624.94
	11/06/03	3,649.95	ND	25.05	0.00	3,624.90
	02/03/04	3,649.95	ND	25.07	0.00	3,624.88
	05/03/04	3,649.95	ND	24.49	0.00	3,625.46
	08/31/04	3,649.95	ND	24.73	0.00	3,625.22
	12/21/04	3,649.95	ND	21.95	0.00	3,628.00

Table 1. Groundwater Elevation Data
LF - 37

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	01/24/02	3,652.02	ND	25.76	0.00	3,626.26
	01/29/02	3,652.02	ND	25.74	0.00	3,626.28
	06/26/02	3,652.02	ND	25.79	0.00	3,626.23
	09/17/02	3,652.02	ND	25.90	0.00	3,626.12
	11/14/02	3,652.02	ND	25.73	0.00	3,626.29
	02/03/03	3,652.02	ND	25.76	0.00	3,626.26
	05/05/03	3,652.02	ND	25.88	0.00	3,626.14
	08/14/03	3,652.02	ND	25.95	0.00	3,626.07
	11/06/03	3,652.02	ND	25.99	0.00	3,626.03
	02/03/04	3,652.02	ND	26.03	0.00	3,625.99
	05/03/04	3,652.02	ND	25.48	0.00	3,626.54
	08/31/04	3,652.02	ND	25.65	0.00	3,626.37
	12/21/04	3,652.02	ND	22.80	0.00	3,629.22
MW - 8	01/24/02	3,649.12	ND	23.00	0.00	3,626.12
	01/29/02	3,649.12	ND	22.90	0.00	3,626.22
	06/26/02	3,649.12	ND	22.95	0.00	3,626.17
	09/17/02	3,649.12	ND	23.05	0.00	3,626.07
	11/14/02	3,649.12	ND	22.91	0.00	3,626.21
	02/03/03	3,649.12	ND	22.95	0.00	3,626.17
	05/05/03	3,649.12	ND	23.05	0.00	3,626.07
	08/14/03	3,649.12	ND	23.12	0.00	3,626.00
	11/06/03	3,649.12	ND	23.15	0.00	3,625.97
	02/03/04	3,649.12	ND	23.19	0.00	3,625.93
	05/03/04	3,649.12	ND	22.62	0.00	3,626.50
	08/31/04	3,649.12	ND	22.78	0.00	3,626.34
	12/21/04	3,649.12	ND	19.57	0.00	3,629.55
MW - 9	01/24/02	3,646.40	ND	21.06	0.00	3,625.34
	01/29/02	3,646.40	ND	20.90	0.00	3,625.50
	06/26/02	3,646.40	ND	20.92	0.00	3,625.48
	09/17/02	3,646.40	ND	21.19	0.00	3,625.21
	11/14/02	3,646.40	ND	20.98	0.00	3,625.42
	02/03/03	3,646.40	ND	22.15	0.00	3,624.25
	05/05/03	3,646.40	ND	21.13	0.00	3,625.27
	08/14/03	3,646.40	ND	21.22	0.00	3,625.18
	11/06/03	3,646.40	ND	21.30	0.00	3,625.10
	02/03/04	3,646.40	ND	21.27	0.00	3,625.13
	05/03/04	3,646.40	ND	20.38	0.00	3,626.02
	08/31/04	3,646.40	ND	20.85	0.00	3,625.55
	12/21/04	3,646.40	ND	17.09	0.00	3,629.31

Elevtions based on the North American Vertical Datum of 1929.

Table 2. 1st & 2nd Quarter 2004 Sampling Reports

LF-37
BTEX: S-8260B Method

MW-1

Analyte	Matrix	Method Taken	1st Quarter				2nd Quarter			
			Sample No.	Date Taken	µg/L Result	µg/L Detection Limit	Sample No.	Date Taken	µg/L Result	µg/L Detection Limit
Benzene	Water	S-8260B	152601	2/03/04	<1.00	1				
Ethylbenzene	Water	S-8260B	152601	2/03/04	<1.00	1				
M,p-Xylene	Water	S-8260B	152601	2/03/04	<2.00	2				
o-Xylene	Water	S-8260B	152601	2/03/04	<1.00	1				
Toluene	Water	S-8260B	152601	2/03/04	<1.00	1				

MW-2

Analyte	Matrix	Method Taken	1st Quarter				2nd Quarter			
			Sample No.	Date Taken	µg/L Result	µg/L Detection Limit	Sample No.	Date Taken	µg/L Result	µg/L Detection Limit
Benzene	Water	S-8260B	152602	2/03/04	<1.00	1				
Ethylbenzene	Water	S-8260B	152602	2/03/04	<1.00	1				
M,p-Xylene	Water	S-8260B	152602	2/03/04	<2.00	2				
o-Xylene	Water	S-8260B	152602	2/03/04	<1.00	1				
Toluene	Water	S-8260B	152602	2/03/04	<1.00	1				

MW-3

Analyte	Matrix	Method Taken	1st Quarter				2nd Quarter			
			Sample No.	Date Taken	µg/L Result	µg/L Detection Limit	Sample No.	Date Taken	µg/L Result	µg/L Detection Limit
Benzene	Water	S-8260B	152603	2/03/04	13.4	1	155391	5/3/04	23.6	1
Ethylbenzene	Water	S-8260B	152603	2/03/04	3.07	1	155391	5/3/04	1.77	1
M,p-Xylene	Water	S-8260B	152603	2/03/04	14.8	2	155391	5/3/04	10.9	2
o-Xylene	Water	S-8260B	152603	2/03/04	<1.00	1	155391	5/3/04	<1.00	1
Toluene	Water	S-8260B	152603	2/03/04	<1.00	1	155391	5/3/04	<1.00	1

MW-4

Analyte	Matrix	Method Taken	1st Quarter				2nd Quarter			
			Sample No.	Date Taken	µg/L Result	µg/L Detection Limit	Sample No.	Date Taken	µg/L Result	µg/L Detection Limit
Benzene	Water	S-8260B	152604	2/03/04	<1.00	1				
Ethylbenzene	Water	S-8260B	152604	2/03/04	<1.00	1				
M,p-Xylene	Water	S-8260B	152604	2/03/04	<2.00	2				
o-Xylene	Water	S-8260B	152604	2/03/04	<1.00	1				
Toluene	Water	S-8260B	152604	2/03/04	<1.00	1				

MW-5

Analyte	Matrix	Method Taken	1st Quarter				2nd Quarter			
			Sample No.	Date Taken	µg/L Result	µg/L Detection Limit	Sample No.	Date Taken	µg/L Result	µg/L Detection Limit
Benzene	Water	S-8260B	152605	2/03/04	<1.00	1				
Ethylbenzene	Water	S-8260B	152605	2/03/04	<1.00	1				
M,p-Xylene	Water	S-8260B	152605	2/03/04	<2.00	2				
o-Xylene	Water	S-8260B	152605	2/03/04	<1.00	1				
Toluene	Water	S-8260B	152605	2/03/04	<1.00	1				

MW-6

Analyte	Matrix	Method Taken	1st Quarter				2nd Quarter			
			Sample No.	Date Taken	µg/L Result	µg/L Detection Limit	Sample No.	Date Taken	µg/L Result	µg/L Detection Limit
Benzene	Water	S-8260B	152606	2/03/04	<1.00	1				
Ethylbenzene	Water	S-8260B	152606	2/03/04	<1.00	1				
M,p-Xylene	Water	S-8260B	152606	2/03/04	<2.00	2				
o-Xylene	Water	S-8260B	152606	2/03/04	<1.00	1				
Toluene	Water	S-8260B	152606	2/03/04	<1.00	1				

MW-7

Analyte	Matrix	Method Taken	1st Quarter				2nd Quarter			
			Sample No.	Date Taken	µg/L Result	µg/L Detection Limit	Sample No.	Date Taken	µg/L Result	µg/L Detection Limit
Benzene	Water	S-8260B	152607	2/03/04	<1.00	1				
Ethylbenzene	Water	S-8260B	152607	2/03/04	<1.00	1				
M,p-Xylene	Water	S-8260B	152607	2/03/04	<2.00	2				
o-Xylene	Water	S-8260B	152607	2/03/04	<1.00	1				
Toluene	Water	S-8260B	152607	2/03/04	<1.00	1				

MW-8

Analyte	Matrix	Method Taken	1st Quarter				2nd Quarter			
			Sample No.	Date Taken	µg/L Result	µg/L Detection Limit	Sample No.	Date Taken	µg/L Result	µg/L Detection Limit
Benzene	Water	S-8260B	152608	2/03/04	<1.00	1				
Ethylbenzene	Water	S-8260B	152608	2/03/04	<1.00	1				
M,p-Xylene	Water	S-8260B	152608	2/03/04	<2.00	2				
o-Xylene	Water	S-8260B	152608	2/03/04	<1.00	1				
Toluene	Water	S-8260B	152608	2/03/04	<1.00	1				

MW-9

Analyte	Matrix	Method Taken	1st Quarter				2nd Quarter			
			Sample No.	Date Taken	µg/L Result	µg/L Detection Limit	Sample No.	Date Taken	µg/L Result	µg/L Detection Limit
Benzene	Water	S-8260B	152609	2/03/04	<1.00	1				
Ethylbenzene	Water	S-8260B	152609	2/03/04	<1.00	1				
M,p-Xylene	Water	S-8260B	152609	2/03/04	<2.00	2				
o-Xylene	Water	S-8260B	152609	2/03/04	<1.00	1				
Toluene	Water	S-8260B	152609	2/03/04	<1.00	1				

Table 2. 3rd & 4th Quarter 2004 Sampling Reports

LF-37
BTEX: S-8260B Method

MW-1

Analyte	Matrix	Method Taken	3rd Quarter				4th Quarter Work Order Number: 4062211			
			Sample No.	Date Taken	µg/L Result	µg/L Detection Limit	Sample No.	Date Taken	µg/L Result	µg/L Detection Limit
Benzene	Water	S-8260B					51454	12/21/04	<1.00	1
Ethylbenzene	Water	S-8260B					51454	12/21/04	<1.00	1
M,p-Xylene	Water	S-8260B					51454	12/21/04	<1.00	1
o-Xylene	Water	S-8260B					51454	12/21/04	<1.00	1
Toluene	Water	S-8260B					51454	12/21/04	<1.00	1

MW-2

Analyte	Matrix	Method Taken	3rd Quarter				4th Quarter Work Order Number: 4062211			
			Sample No.	Date Taken	µg/L Result	µg/L Detection Limit	Sample No.	Date Taken	µg/L Result	µg/L Detection Limit
Benzene	Water	S-8260B					51448	12/21/04	<1.00	1
Ethylbenzene	Water	S-8260B					51448	12/21/04	<1.00	1
M,p-Xylene	Water	S-8260B					51448	12/21/04	<1.00	1
o-Xylene	Water	S-8260B					51448	12/21/04	<1.00	1
Toluene	Water	S-8260B					51448	12/21/04	<1.00	1

MW-3

Analyte	Matrix	Method Taken	3rd Quarter				4th Quarter Work Order Number: 4062211			
			Sample No.	Date Taken	µg/L Result	µg/L Detection Limit	Sample No.	Date Taken	µg/L Result	µg/L Detection Limit
Benzene	Water	S-8260B	159257	8/31/04	9.02	1	51453	12/21/04	99.9	1
Ethylbenzene	Water	S-8260B	159257	8/31/04	1.75	1	51453	12/21/04	<5.00	1
M,p-Xylene	Water	S-8260B	159257	8/31/04	4.42	2	51453	12/21/04	9.90	1
o-Xylene	Water	S-8260B	159257	8/31/04	<1.00	1	51453	12/21/04	<5.00	1
Toluene	Water	S-8260B	159257	8/31/04	<1.00	1	51453	12/21/04	<5.00	1

MW-4

Analyte	Matrix	Method Taken	3rd Quarter				4th Quarter Work Order Number: 4062211			
			Sample No.	Date Taken	µg/L Result	µg/L Detection Limit	Sample No.	Date Taken	µg/L Result	µg/L Detection Limit
Benzene	Water	S-8260B					51455	12/21/04	<1.00	1
Ethylbenzene	Water	S-8260B					51455	12/21/04	<1.00	1
M,p-Xylene	Water	S-8260B					51455	12/21/04	<1.00	1
o-Xylene	Water	S-8260B					51455	12/21/04	<1.00	1
Toluene	Water	S-8260B					51455	12/21/04	<1.00	1

MW-5

Analyte	Matrix	Method Taken	3rd Quarter				4th Quarter Work Order Number: 4062211			
			Sample No.	Date Taken	µg/L Result	µg/L Detection Limit	Sample No.	Date Taken	µg/L Result	µg/L Detection Limit
Benzene	Water	S-8260B					51456	12/21/04	19.8	1
Ethylbenzene	Water	S-8260B					51456	12/21/04	5.27	1
M,p-Xylene	Water	S-8260B					51456	12/21/04	5.87	1
o-Xylene	Water	S-8260B					51456	12/21/04	<1.00	1
Toluene	Water	S-8260B					51456	12/21/04	<1.00	1

MW-6

Analyte	Matrix	Method Taken	3rd Quarter				4th Quarter Work Order Number: 4062211			
			Sample No.	Date Taken	µg/L Result	µg/L Detection Limit	Sample No.	Date Taken	µg/L Result	µg/L Detection Limit
Benzene	Water	S-8260B					51449	12/21/04	<1.00	1
Ethylbenzene	Water	S-8260B					51449	12/21/04	<1.00	1
M,p-Xylene	Water	S-8260B					51449	12/21/04	<1.00	1
o-Xylene	Water	S-8260B					51449	12/21/04	<1.00	1
Toluene	Water	S-8260B					51449	12/21/04	<1.00	1

MW-7

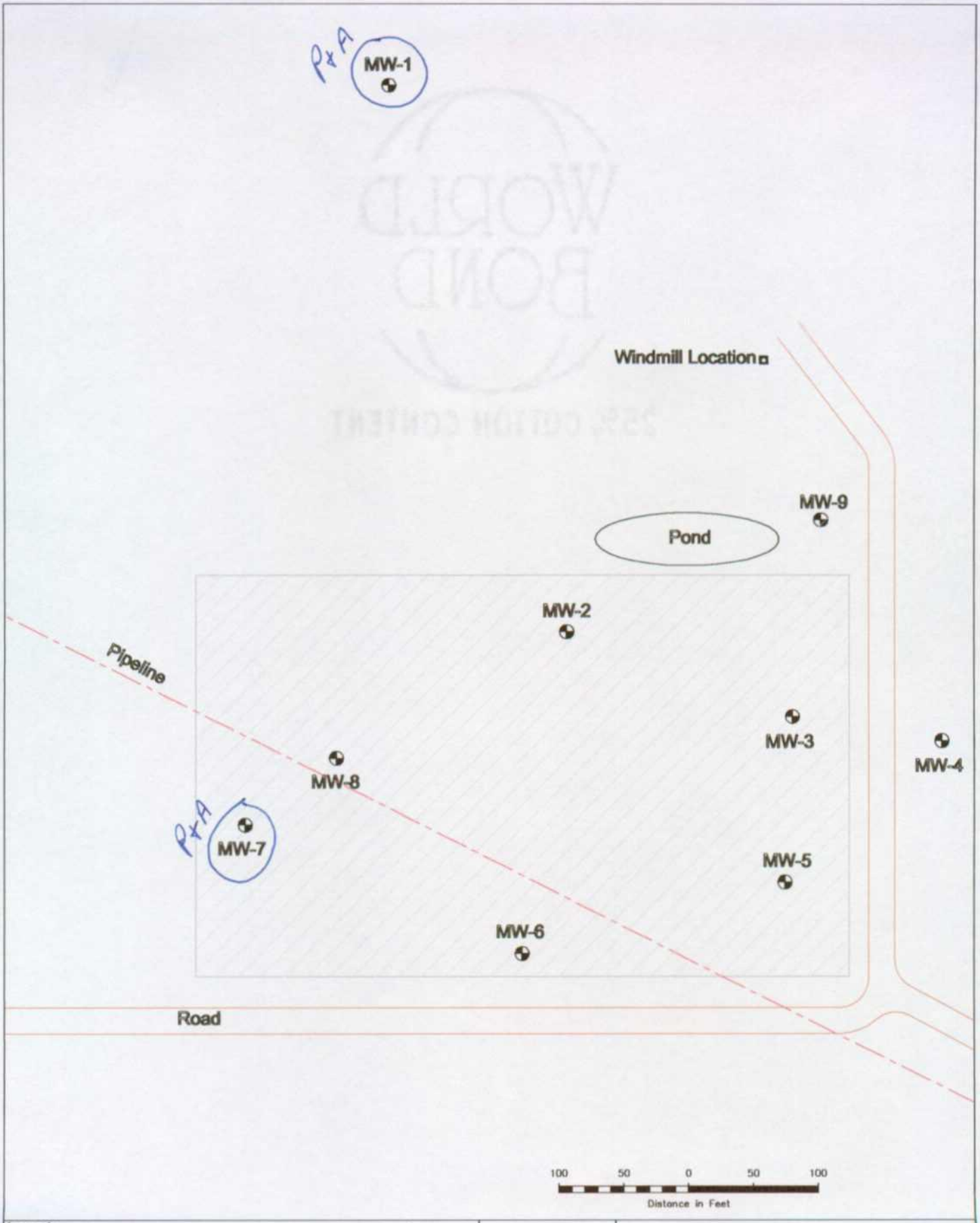
Analyte	Matrix	Method Taken	3rd Quarter				4th Quarter Work Order Number: 4062211			
			Sample No.	Date Taken	µg/L Result	µg/L Detection Limit	Sample No.	Date Taken	µg/L Result	µg/L Detection Limit
Benzene	Water	S-8260B					51450	12/21/04	<1.00	1
Ethylbenzene	Water	S-8260B					51450	12/21/04	<1.00	1
M,p-Xylene	Water	S-8260B					51450	12/21/04	<1.00	1
o-Xylene	Water	S-8260B					51450	12/21/04	<1.00	1
Toluene	Water	S-8260B					51450	12/21/04	<1.00	1

MW-8

Analyte	Matrix	Method Taken	3rd Quarter				4th Quarter Work Order Number: 4062211			
			Sample No.	Date Taken	µg/L Result	µg/L Detection Limit	Sample No.	Date Taken	µg/L Result	µg/L Detection Limit
Benzene	Water	S-8260B					51451	12/21/04	<1.00	1
Ethylbenzene	Water	S-8260B					51451	12/21/04	<1.00	1
M,p-Xylene	Water	S-8260B					51451	12/21/04	<1.00	1
o-Xylene	Water	S-8260B					51451	12/21/04	<1.00	1
Toluene	Water	S-8260B					51451	12/21/04	<1.00	1

MW-9

Analyte	Matrix	Method Taken	3rd Quarter				4th Quarter Work Order Number: 4062211			
			Sample No.	Date Taken	µg/L Result	µg/L Detection Limit	Sample No.	Date Taken	µg/L Result	µg/L Detection Limit
Benzene	Water	S-8260B					51452	12/21/04	<1.00	1
Ethylbenzene	Water	S-8260B					51452	12/21/04	<1.00	1
M,p-Xylene	Water	S-8260B					51452	12/21/04	<1.00	1
o-Xylene	Water	S-8260B					51452	12/21/04	<1.00	1
Toluene	Water	S-8260B					51452	12/21/04	<1.00	1



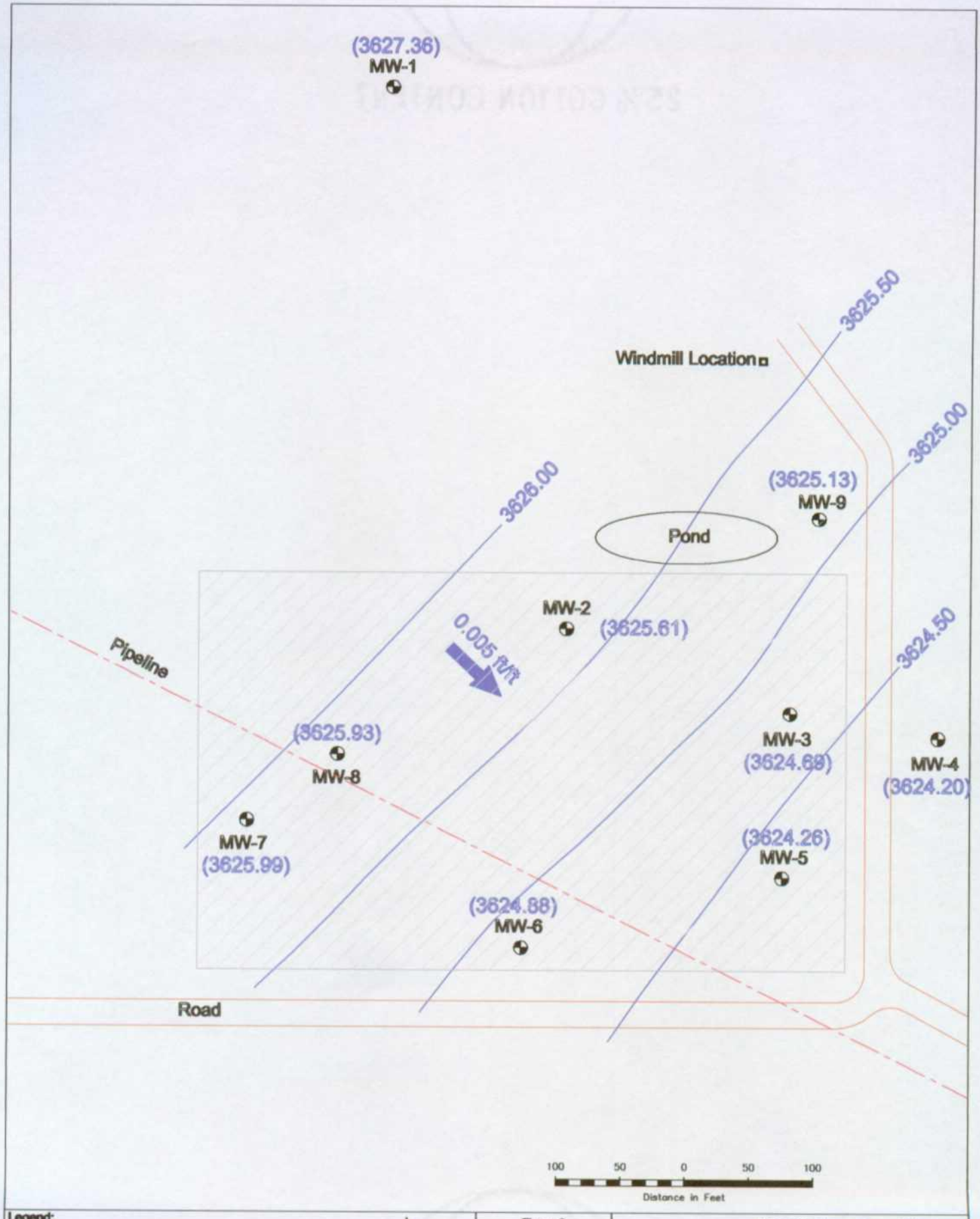
Legend:

- Former Excavation and Backfill Area
- Monitor Well Location
- (3627.56) Groundwater Elevation (In Feet)
- ND Non Detect
- NS Non Sampled

Figure 1
Site Map
Plains Marketing, L.P.
LF-37
Lea County, NM

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

Scale: 1" = 100'	Prep By: LA	Checked By: CB
	March 18, 2005	



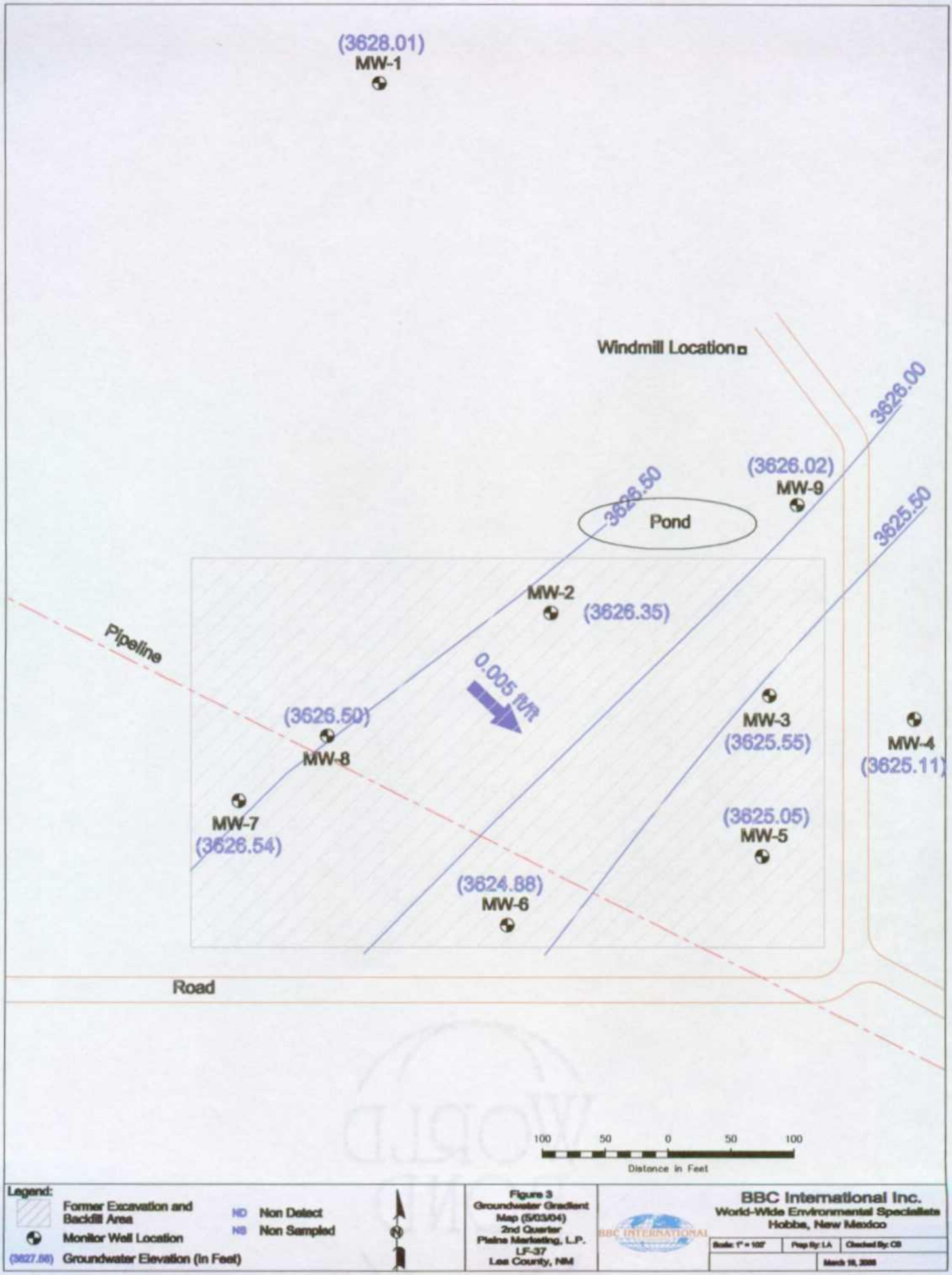
Legend:

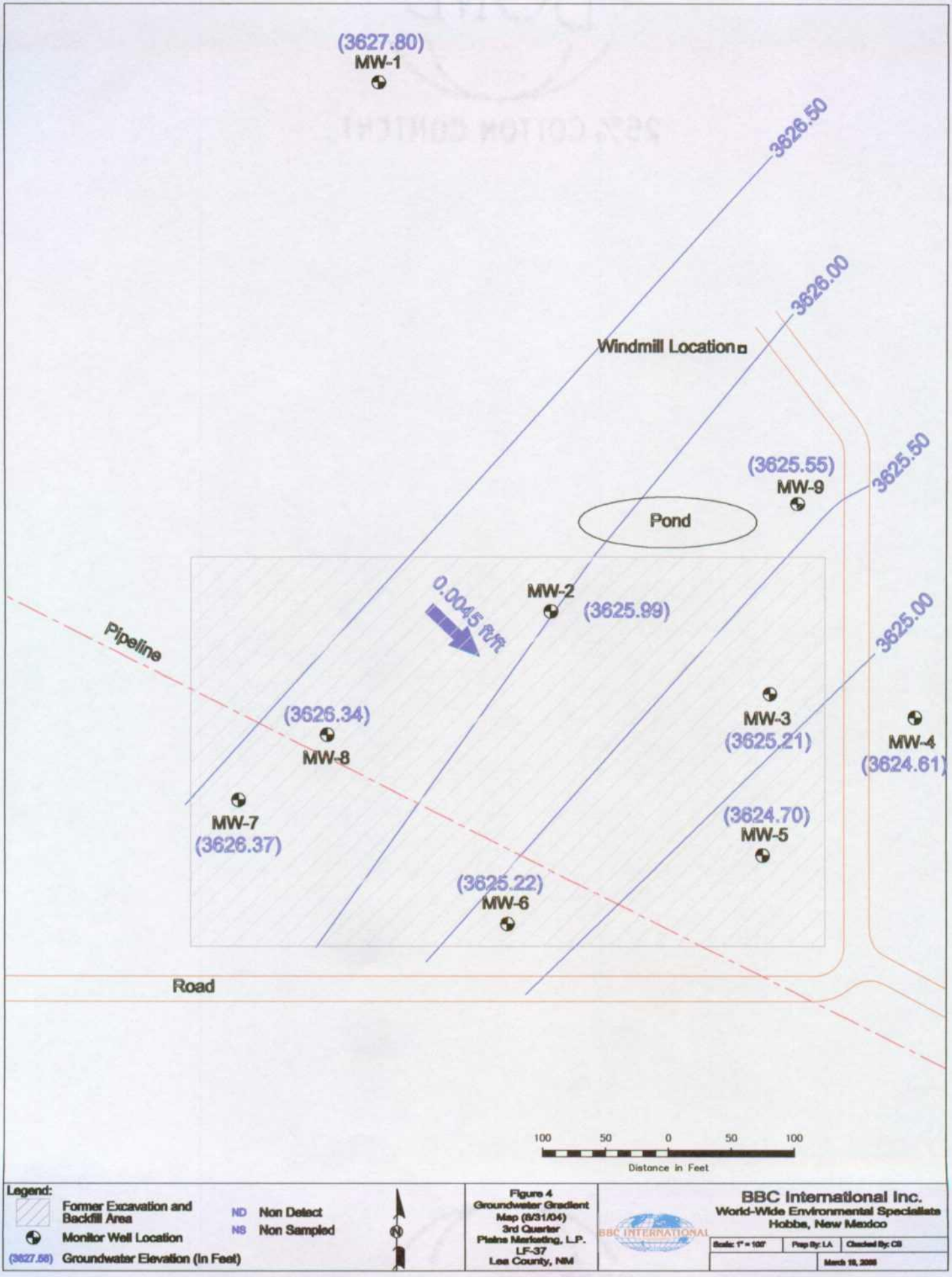
- Former Excavation and Backfill Area
- Monitor Well Location
- (3627.56) Groundwater Elevation (In Feet)
- ND Non Detect
- NS Non Sampled

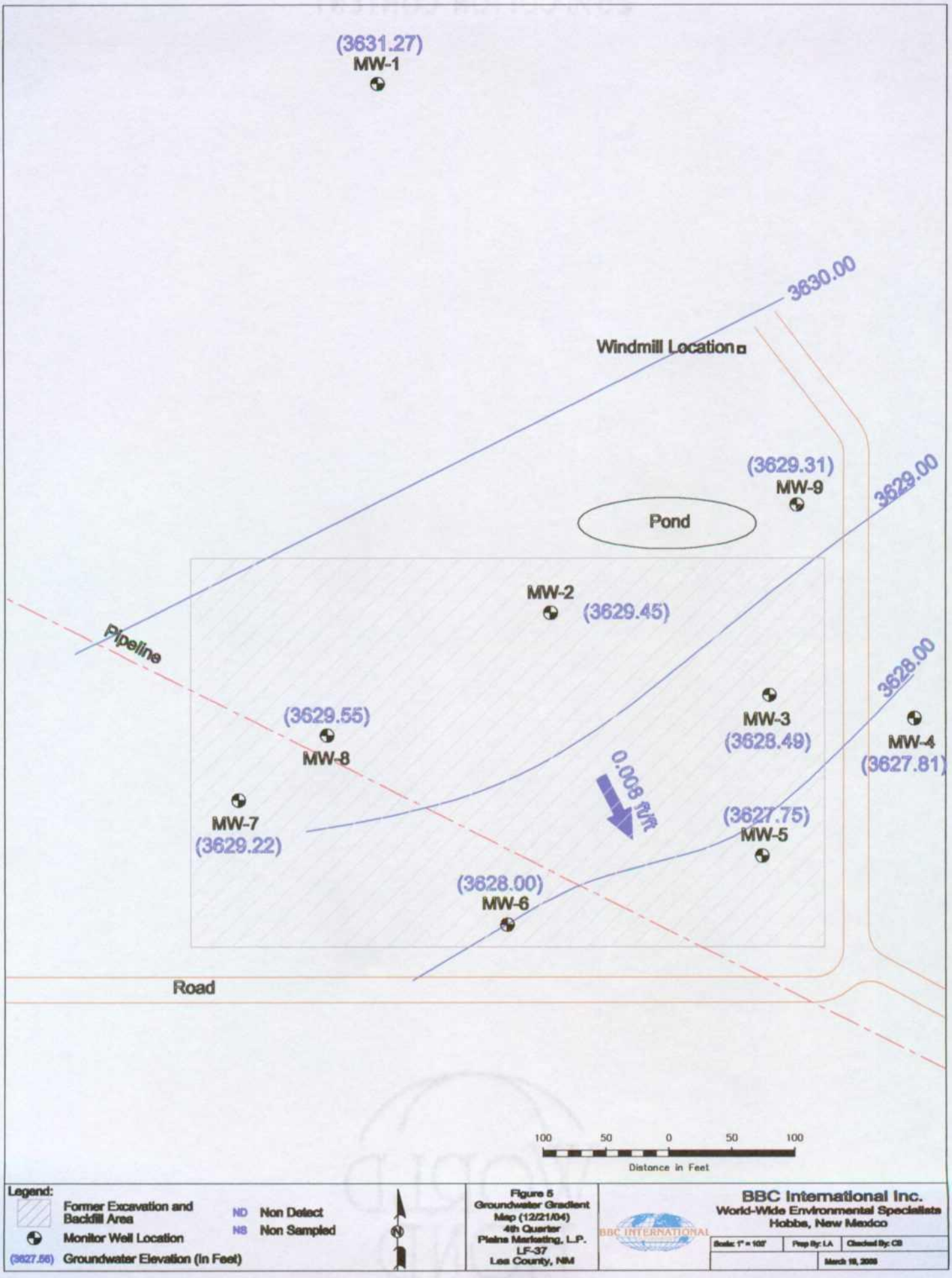
Figure 2
Groundwater Gradient Map (2/03/04)
1st Quarter
Plains Marketing, L.P.
LF-37
Lea County, NM

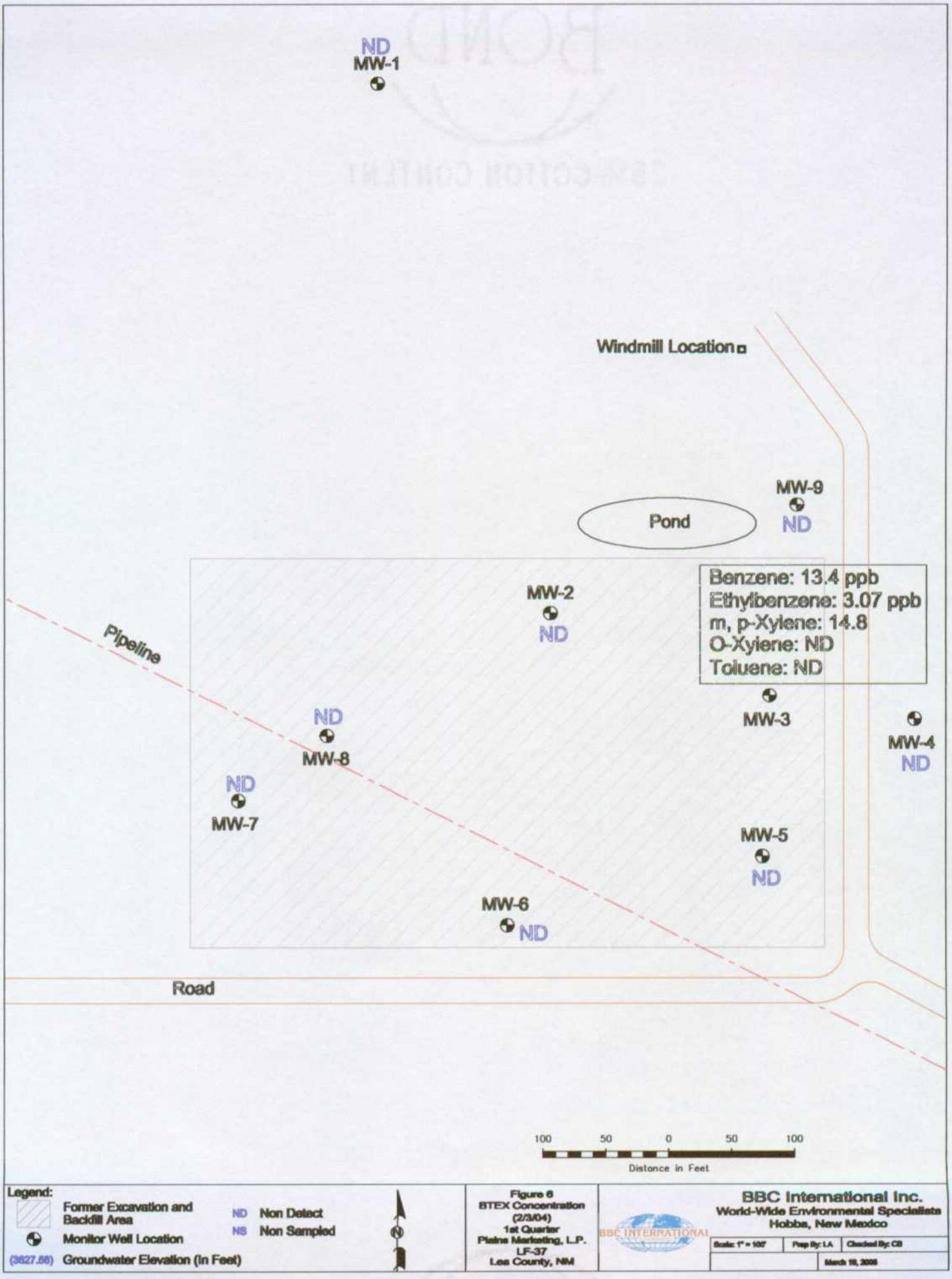
BBC International Inc.
World-Wide Environmental Specialists
Hobbs, New Mexico

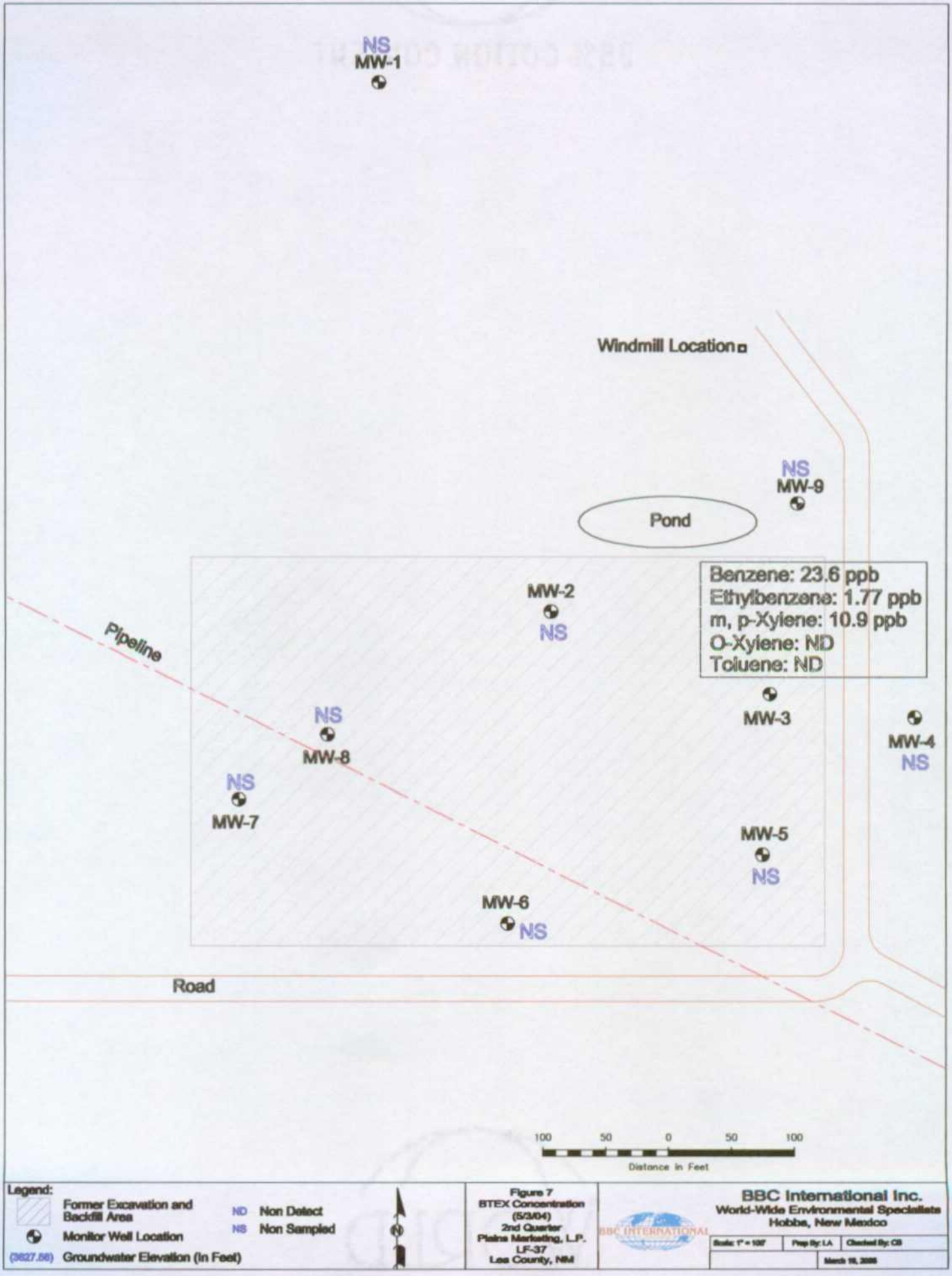
Scale: 1" = 100'	Prep By: LA	Checked By: CB
	March 18, 2008	

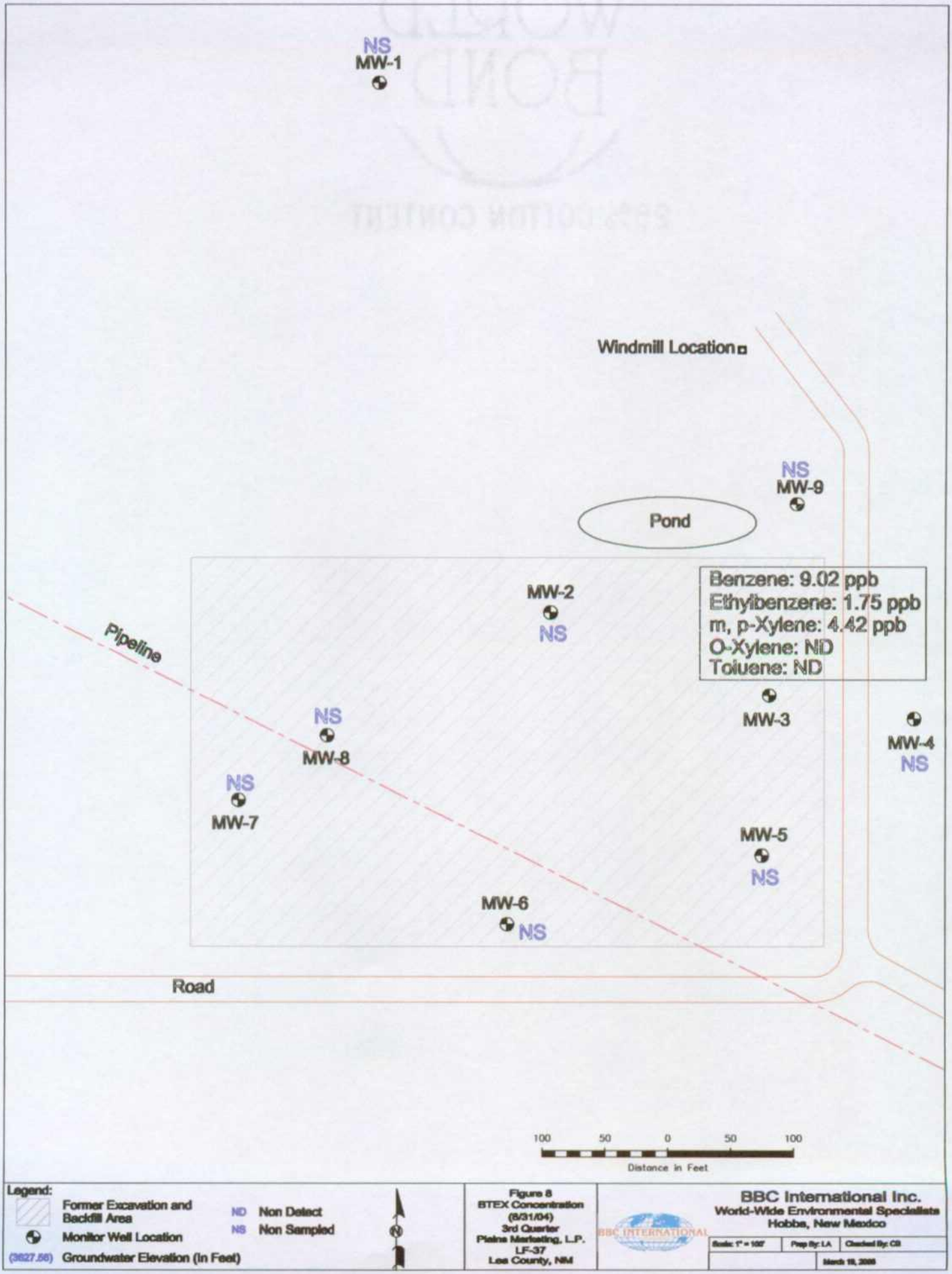

(3628.01)
MW-1
Windmill Location
3626.00
(3626.02)
MW-9
3626.50
Pond
3625.50
MW-2
(3626.35)
Pipeline
0.005 Ft/Ft
(3626.50)
MW-8
MW-3
(3625.55)
MW-4
(3625.11)
MW-7
(3626.54)
(3625.05)
MW-5
(3624.88)
MW-6
Road
100 50 0 50 100
Distance in Feet
Legend:
Former Excavation and Backfill Area
Monitor Well Location
(3627.66) Groundwater Elevation (In Feet)
ND Non Detect
NS Non Sampled
N
Figure 3
Groundwater Gradient Map (5/03/04)
2nd Quarter
Plains Marketing, L.P.
LF-37
Lea County, NM
BBC INTERNATIONAL
BBC International Inc.
World-Wide Environmental Specialists
Hobbs, New Mexico
Scale: 1" = 100'
Prep By: LA
Checked By: CB
March 18, 2005

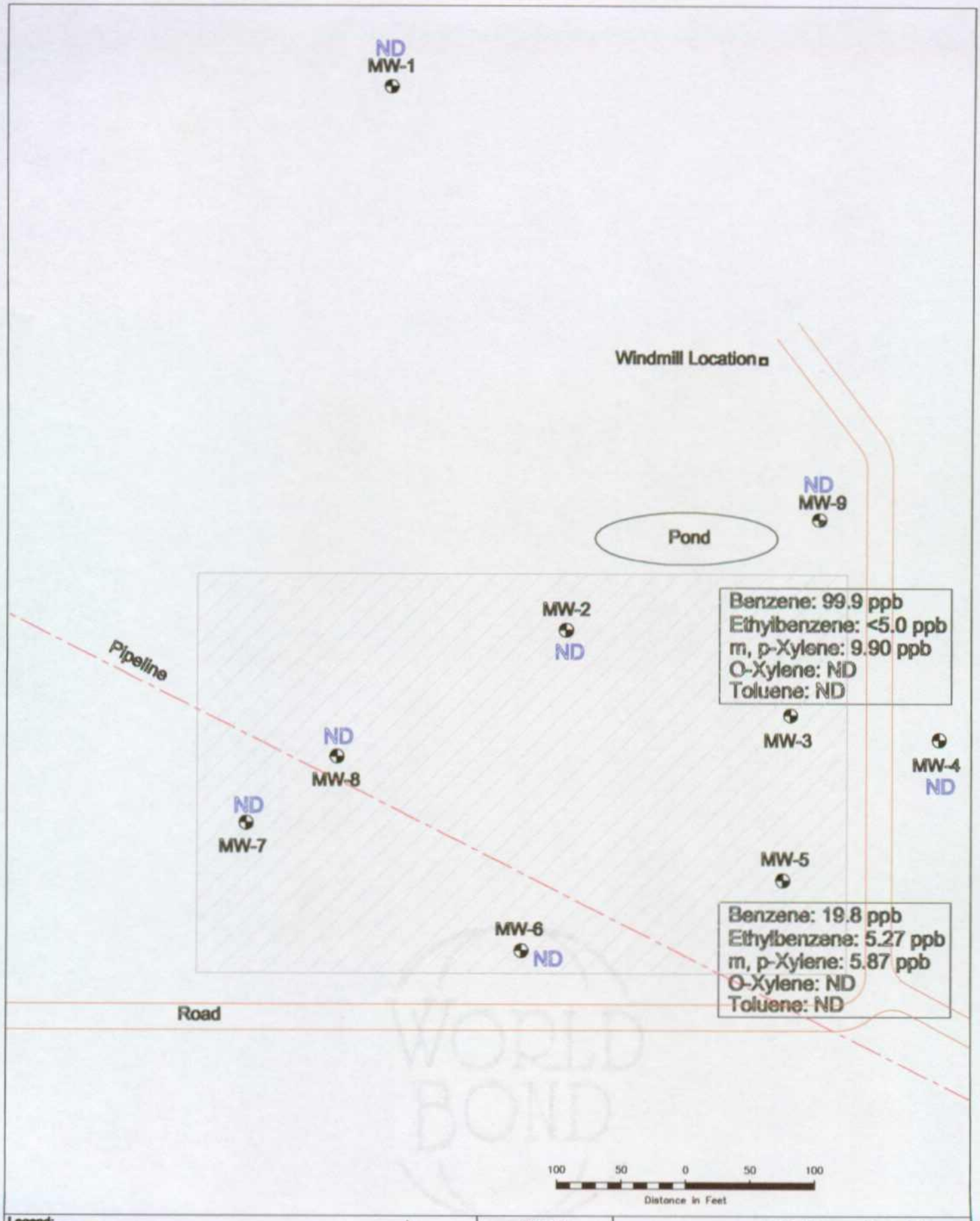

(3627.80)
MW-1
3626.50
3626.00
Windmill Location
(3625.55)
MW-9
3625.50
Pond
MW-2
(3625.99)
0.0045 ft/ft
Pipeline
3625.00
(3626.34)
MW-8
MW-3
(3625.21)
MW-4
(3624.61)
MW-7
(3626.37)
(3624.70)
MW-5
(3625.22)
MW-6
Road
100 50 0 50 100
Distance in Feet
Legend:
Former Excavation and Backfill Area
Monitor Well Location
(3627.68) Groundwater Elevation (In Feet)
ND Non Detect
NS Non Sampled
N
Figure 4
Groundwater Gradient Map (8/31/04)
3rd Quarter
Plains Marketing, L.P.
LF-37
Lea County, NM
BBC INTERNATIONAL
BBC International Inc.
World-Wide Environmental Specialists
Hobbs, New Mexico
Scale: 1" = 100'
Prep By: LA
Checked By: CB
March 18, 2005


(3631.27)
MW-1
3630.00
Windmill Location
(3629.31)
MW-9
3629.00
Pond
MW-2
(3629.45)
Pipeline
3628.00
(3629.55)
MW-8
MW-3
(3628.49)
MW-4
(3627.81)
0.008 ft/ft
MW-7
(3629.22)
(3627.75)
MW-5
(3628.00)
MW-6
Road
100 50 0 50 100
Distance in Feet
Legend:
Former Excavation and Backfill Area
Monitor Well Location
(3627.56) Groundwater Elevation (In Feet)
ND Non Detect
NS Non Sampled
N
Figure 5
Groundwater Gradient Map (12/21/04)
4th Quarter
Plains Marketing, L.P.
LF-37
Lea County, NM
BBC International Inc.
World-Wide Environmental Specialists
Hobbs, New Mexico
Scale: 1" = 100'
Prep By: LA
Checked By: CB
March 18, 2005


ND
MW-1
Windmill Location
MW-9
ND
Pond
Benzene: 13.4 ppb
Ethylbenzene: 3.07 ppb
m, p-Xylene: 14.8
O-Xyiene: ND
Toluene: ND
MW-2
ND
Pipeline
MW-3
ND
MW-8
MW-4
ND
ND
MW-7
MW-5
ND
MW-6
ND
Road
100 50 0 50 100
Distance in Feet
Legend:
Former Excavation and Backfill Area
Monitor Well Location
(3627.66) Groundwater Elevation (In Feet)
ND Non Detect
NS Non Sampled
N
Figure 6
BTEX Concentration
(2/3/04)
1st Quarter
Plains Marketing, L.P.
LF-37
Lea County, NM
BBC INTERNATIONAL
BBC International Inc.
World-Wide Environmental Specialists
Hobbs, New Mexico
Scale: 1" = 100'
Prep By: LA
Checked By: CB
March 18, 2005


NS
MW-1
Windmill Location
NS
MW-9
Pond
Benzene: 23.6 ppb
Ethylbenzene: 1.77 ppb
m, p-Xylene: 10.9 ppb
O-Xylene: ND
Toluene: ND
MW-2
NS
Pipeline
MW-3
MW-4
NS
NS
MW-8
NS
MW-7
MW-5
NS
MW-6
NS
Road
100 50 0 50 100
Distance in Feet
Legend:
Former Excavation and Backfill Area
Monitor Well Location
(3627.56) Groundwater Elevation (In Feet)
ND Non Detect
NS Non Sampled
N
Figure 7
BTEX Concentration
(5/3/04)
2nd Quarter
Plains Marketing, L.P.
LF-37
Lea County, NM
BBC INTERNATIONAL
BBC International Inc.
World-Wide Environmental Specialists
Hobbs, New Mexico
Scale: 1" = 100'
Prep By: LA
Checked By: CB
March 16, 2005


NS
MW-1
Windmill Location
NS
MW-9
Pond
Benzene: 9.02 ppb
Ethylbenzene: 1.75 ppb
m, p-Xylene: 4.42 ppb
O-Xylene: ND
Toluene: ND
MW-2
NS
Pipeline
MW-3
NS
MW-8
MW-4
NS
NS
MW-7
MW-5
NS
MW-6
NS
Road
100 50 0 50 100
Distance in Feet
Legend:
Former Excavation and Backfill Area
Monitor Well Location
(3627.56) Groundwater Elevation (In Feet)
ND Non Detect
NS Non Sampled
N
Figure 8
BTEX Concentration
(8/31/04)
3rd Quarter
Plains Marketing, L.P.
LF-37
Lea County, NM
BBC International Inc.
World-Wide Environmental Specialists
Hobbs, New Mexico
Scale: 1" = 100'
Prep By: LA
Checked By: CS
March 18, 2005



Legend:

- Former Excavation and Backfill Area
- Monitor Well Location
- (3827.86) Groundwater Elevation (In Feet)
- ND Non Detect
- NS Non Sampled

Figure 9
BTEX Concentration
(12/21/04)
4th Quarter
Plains Marketing, L.P.
LF-37
Lea County, NM

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

Scale: 1" = 100'	Prep By: LA	Checked By: CB
		March 16, 2005

APPENDIX I

Laboratory Results
1st Quarter 2004

LF-37

April 2005

Plains Marketing, L.P.
Houston, Texas

Prepared by:
BBC International, Inc.

ANALYSYS INC.

3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 152601 **Report Date:** 02/12/04
Project ID: LF-37 LI-2076
Sample Name: MW-1
Sample Matrix: water
Date Received: 02/05/2004 **Time:** 12:00
Date Sampled: 02/03/2004 **Time:** 12:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		02/10/04	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/10/04	8260b	---	2.4	96.2	100.6	95.7
Ethylbenzene	<1	µg/L	1	<1	02/10/04	8260b	---	6.2	97.1	105.8	99.5
m,p-Xylenes	<2	µg/L	2	<2	02/10/04	8260b	---	6.2	98.4	106.2	101.1
o-Xylene	<1	µg/L	1	<1	02/10/04	8260b	---	5.7	98.1	103.2	100
Toluene	<1	µg/L	1	<1	02/10/04	8260b	---	2.5	101.3	104.9	101.1

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Elton

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B =Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

ANALYSYS INC.

3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** LF-37 LI-2076 **Sample Name:** MW-1	**Report#/Lab ID#:** 152601 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	95.4	74-124	---
Toluene-d8	8260b	103	89-115	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

ANALYSYS INC.

3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 152602 **Report Date:** 02/12/04
Project ID: LF-37 LI-2076
Sample Name: MW-2
Sample Matrix: water
Date Received: 02/05/2004 **Time:** 12:00
Date Sampled: 02/03/2004 **Time:** 12:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		02/10/04	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/10/04	8260b	---	2.4	96.2	100.6	95.7
Ethylbenzene	<1	µg/L	1	<1	02/10/04	8260b	---	6.2	97.1	105.8	99.5
m,p-Xylenes	<2	µg/L	2	<2	02/10/04	8260b	---	6.2	98.4	106.2	101.1
o-Xylene	<1	µg/L	1	<1	02/10/04	8260b	---	5.7	98.1	103.2	100
Toluene	<1	µg/L	1	<1	02/10/04	8260b	---	2.5	101.3	104.9	101.1

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Elton

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B =Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

ANALYSYS INC.

3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** LF-37 LI-2076 **Sample Name:** MW-2	**Report#/Lab ID#:** 152602 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	95.1	74-124	---
Toluene-d8	8260b	105	89-115	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

ANALYSYS INC.

3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 152603 **Report Date:** 02/12/04
Project ID: LF-37 LI-2076
Sample Name: MW-3
Sample Matrix: water
Date Received: 02/05/2004 **Time:** 12:00
Date Sampled: 02/03/2004 **Time:** 16:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		02/11/04	8260b(5030/5035)	---	---	---	---	---
Benzene	**13.4**	µg/L	1	<1	02/11/04	8260b	---	1.7	85.3	96.3	87.2
Ethylbenzene	**3.07**	µg/L	1	<1	02/11/04	8260b	---	2.6	114.1	117.4	115.8
m,p-Xylenes	**14.8**	µg/L	2	<2	02/11/04	8260b	---	2.8	115.8	116.6	117.3
o-Xylene	<1	µg/L	1	<1	02/11/04	8260b	J	1.7	129	115.4	129.3
Toluene	<1	µg/L	1	<1	02/11/04	8260b	---	0	85.6	96.7	89

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Elton

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** LF-37 LI-2076 **Sample Name:** MW-3	**Report#/Lab ID#:** 152603 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	92.4	74-124	---
Toluene-d8	8260b	109	89-115	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 152603 **Matrix:** water
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: LF-37 LI-2076
Sample Name: MW-3

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
o-Xylene	J	See J-flag discussion above.

Notes: _____

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 152604 **Report Date:** 02/12/04
Project ID: LF-37 LI-2076
Sample Name: MW-4
Sample Matrix: water
Date Received: 02/05/2004 **Time:** 12:00
Date Sampled: 02/03/2004 **Time:** 13:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		02/10/04	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/10/04	8260b	---	2.4	96.2	100.6	95.7
Ethylbenzene	<1	µg/L	1	<1	02/10/04	8260b	---	6.2	97.1	105.8	99.5
m,p-Xylenes	<2	µg/L	2	<2	02/10/04	8260b	---	6.2	98.4	106.2	101.1
o-Xylene	<1	µg/L	1	<1	02/10/04	8260b	---	5.7	98.1	103.2	100
Toluene	<1	µg/L	1	<1	02/10/04	8260b	---	2.5	101.3	104.9	101.1

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Elton

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Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** LF-37 LI-2076 **Sample Name:** MW-4	**Report#/Lab ID#:** 152604 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	100	74-124	---
Toluene-d8	8260b	104	89-115	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 152605 **Report Date:** 02/12/04
Project ID: LF-37 LI-2076
Sample Name: MW-5
Sample Matrix: water
Date Received: 02/05/2004 **Time:** 12:00
Date Sampled: 02/03/2004 **Time:** 13:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		02/10/04	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/10/04	8260b	---	2.4	96.2	100.6	95.7
Ethylbenzene	<1	µg/L	1	<1	02/10/04	8260b	---	6.2	97.1	105.8	99.5
m,p-Xylenes	<2	µg/L	2	<2	02/10/04	8260b	---	6.2	98.4	106.2	101.1
o-Xylene	<1	µg/L	1	<1	02/10/04	8260b	---	5.7	98.1	103.2	100
Toluene	<1	µg/L	1	<1	02/10/04	8260b	---	2.5	101.3	104.9	101.1

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Richard Elton

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group	**Project ID:** LF-37 LI-2076	**Report#/Lab ID#:** 152605
Attn: Camille Reynolds	**Sample Name:** MW-5	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96	74-124	---
Toluene-d8	8260b	105	89-115	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 152606 **Report Date:** 02/12/04
Project ID: LF-37 LI-2076
Sample Name: MW-6
Sample Matrix: water
Date Received: 02/05/2004 **Time:** 12:00
Date Sampled: 02/03/2004 **Time:** 14:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		02/10/04	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/10/04	8260b	---	2.4	96.2	100.6	95.7
Ethylbenzene	<1	µg/L	1	<1	02/10/04	8260b	---	6.2	97.1	105.8	99.5
m,p-Xylenes	<2	µg/L	2	<2	02/10/04	8260b	---	6.2	98.4	106.2	101.1
o-Xylene	<1	µg/L	1	<1	02/10/04	8260b	---	5.7	98.1	103.2	100
Toluene	<1	µg/L	1	<1	02/10/04	8260b	---	2.5	101.3	104.9	101.1

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** LF-37 LI-2076 **Sample Name:** MW-6	**Report#/Lab ID#:** 152606 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	98	74-124	---
Toluene-d8	8260b	105	89-115	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

ANALYSYS INC.

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 152607 **Report Date:** 02/12/04
Project ID: LF-37 LI-2076
Sample Name: MW-7
Sample Matrix: water
Date Received: 02/05/2004 **Time:** 12:00
Date Sampled: 02/03/2004 **Time:** 14:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		02/10/04	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/10/04	8260b	---	2.4	96.2	100.6	95.7
Ethylbenzene	<1	µg/L	1	<1	02/10/04	8260b	---	6.2	97.1	105.8	99.5
m,p-Xylenes	<2	µg/L	2	<2	02/10/04	8260b	---	6.2	98.4	106.2	101.1
o-Xylene	<1	µg/L	1	<1	02/10/04	8260b	---	5.7	98.1	103.2	100
Toluene	<1	µg/L	1	<1	02/10/04	8260b	---	2.5	101.3	104.9	101.1

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group	**Project ID:** LF-37 LI-2076	**Report#/Lab ID#:** 152607
Attn: Camille Reynolds	**Sample Name:** MW-7	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	98.5	74-124	---
Toluene-d8	8260b	106	89-115	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

ANALYSYS INC.

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 152608 **Report Date:** 02/12/04
Project ID: LF-37 LI-2076
Sample Name: MW-8
Sample Matrix: water
Date Received: 02/05/2004 **Time:** 12:00
Date Sampled: 02/03/2004 **Time:** 15:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		02/10/04	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/10/04	8260b	---	2.4	96.2	100.6	95.7
Ethylbenzene	<1	µg/L	1	<1	02/10/04	8260b	---	6.2	97.1	105.8	99.5
m,p-Xylenes	<2	µg/L	2	<2	02/10/04	8260b	---	6.2	98.4	106.2	101.1
o-Xylene	<1	µg/L	1	<1	02/10/04	8260b	---	5.7	98.1	103.2	100
Toluene	<1	µg/L	1	<1	02/10/04	8260b	---	2.5	101.3	104.9	101.1

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** LF-37 LI-2076 **Sample Name:** MW-8	**Report#/Lab ID#:** 152608 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	105	74-124	---
Toluene-d8	8260b	104	89-115	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

AnalySys Inc.

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 152609 **Report Date:** 02/12/04
Project ID: LF-37 LI-2076
Sample Name: MW-9
Sample Matrix: water
Date Received: 02/05/2004 **Time:** 12:00
Date Sampled: 02/03/2004 **Time:** 15:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		02/10/04	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/10/04	8260b	---	4.6	101.2	92.8	97.1
Ethylbenzene	<1	µg/L	1	<1	02/10/04	8260b	---	5.9	105.2	101.9	100.1
m,p-Xylenes	<2	µg/L	2	<2	02/10/04	8260b	---	5.4	106.7	103	101.4
o-Xylene	<1	µg/L	1	<1	02/10/04	8260b	---	4.3	105.9	101.4	102.2
Toluene	<1	µg/L	1	<1	02/10/04	8260b	---	5.4	105.3	97.7	102.7

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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group	**Project ID:** LF-37 LI-2076	**Report#/Lab ID#:** 152609
Attn: Camille Reynolds	**Sample Name:** MW-9	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	95.8	74-124	---
Toluene-d8	8260b	108	89-115	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

COC # 001

8 of 13

CHAIN-OF-CUSTODY

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AnalySys Inc.

[illegible]

Send Reports To:		Bill To (if different):	
Company Name	Environmental Technology Group Inc.	Company Name	
Address	2540 W. Marland	Address	
City	Hobbs State N.M. Zip 88240	City / State / Zip	
ATTN		ATTN:	
Phone	(505) 397-4882 Fax (505) 397-4701	Phone / Fax	
Project Name/PO#:	LF-37 LI2076 Sampler EB TAYLOR		

Samples/projects intended for TCEQ-TRRP completion require special handling. QC requirements and pricing. To Be successfully completed such projects should be identified and discussed prior to receipt and **MUST BE IDENTIFIED** on this Chain-of Custody under "special instructions".

Client Sample No. Description Identification	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Lab I.D. # (Lab Only)	Ice	HNO3	HCL	ZnAc/NaOH	H2SO4 Glass	None	Other (Specify)	Water	Wastewater	Waste	Soil	Other (Specify)	B-TEX
MW-1	2/3/04	12:00	2			152601	X		X					X					X
MW-2		12:30				152602													
MW-3		16:00				152603													
MW-4		13:00				152604													
MW-5		13:30				152605													
MW-6		14:00				152606													
MW-7		14:30				152607													
MW-8		15:00				152608													
MW-9		15:30				152609													

No. of Containers and Preservative (TRRP-13 Mandatory) — Matrix — Analyze For

Special Instructions (such as special QC requirements, lists, methods, etc...)

Unless specifically requested otherwise on this Chain-of custody and/or attached documentation, all analyses will be conducted using ASI's method of choice and all data will be reported to ASI's normal reporting limits (MDL PQL). For GC/MS volatiles and extractables, unless specific analytical parameter lists are specified on this chain of custody or attached to this chain of custody, ASI will default to Priority Pollutants or ASI's HSL list at ASI's option. Specific compound lists must be supplied for all GC procedures.

Temperature upon receipt [illegible] T: 3.7 °C

YES ✓ NO

Sample Relinquished By: Name	Affiliation	Date	Time	Sample Received By: Name	Affiliation	Date	Time
Eb Taylor	OP. MCR	2/4/04	17:00	[signature]	ASI	~~1200~~ 2/5/04	1200

[Tendering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.]

APPENDIX II

Laboratory Results
2nd Quarter 2004

LF-37

April 2005

Plains Marketing, L.P.
Houston, Texas

Prepared by:
BBC International, Inc.

ANALYSYS INC.

3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 155391 **Report Date:** 05/13/04
Project ID: PL-2076 LF-37
Sample Name: MW-3
Sample Matrix: water
Date Received: 05/07/2004 **Time:** 13:00
Date Sampled: 05/03/2004 **Time:** 08:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		05/12/04	8260b(5030/5035)	---	---	---	---	---
Benzene	**23.6**	µg/L	1	<1	05/12/04	8260b	---	8.9	104.9	96.2	93.9
Ethylbenzene	**1.77**	µg/L	1	<1	05/12/04	8260b	---	4.7	121.6	116.8	109.9
m,p-Xylenes	**10.9**	µg/L	2	<2	05/12/04	8260b	---	4.6	122.7	115.8	111.6
o-Xylene	<1	µg/L	1	<1	05/12/04	8260b	S,M	2.5	131.3	114.4	121.4
Toluene	<1	µg/L	1	<1	05/12/04	8260b	---	1.3	101.8	99.7	96.9

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Elton

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B =Analyte detected in associated method blank(s). S & S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

ANALYSYS INC.

3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** PL-2076 LF-37 **Sample Name:** MW-3	**Report#/Lab ID#:** 155391 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	99.8	74-124	---
Toluene-d8	8260b	112	89-115	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 155391 **Matrix:** water
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: PL-2076 LF-37
Sample Name: MW-3

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
o-Xylene	S,M	MS and/or MSD recoveries outside advisory/acceptance limits. LCS recovery in-limits; indicative of matrix interference as evidenced by M-flag.

Notes: _____

032

CHAIN-OF-CUSTODY

www.analy...inc.com

ANALYSYS

Send Reports To:

Company Name: Environmental Technology Group Inc.
Address: 2540 W. Morland
City: Hobbs State: N.M. Zip: 88240
ATTN: Camille Reynolds
Phone: (505) 397-4882 Fax: (505) 397-4701
Project Name/PO#: PL 2076 LF-37 Sampler: Cody Fisher

Bill To (if different):

Company Name: Plains
Address:
City: State: Zip:
ATTN:
Phone: Fax:

Samples/projects intended for TCEQ-TRRP completion require special handling, QC requirements and pricing. To Be successfully completed such projects should be identified and discussed prior to receipt and **MUST BE IDENTIFIED** on this Chain-of-Custody under "special instructions".

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Lab I.D. # (Lab Only)	Ice	HNO3	HCL	ZnAc/NaOH	H2SO4 Glass	None	Other (Specify)	Water	Wastewater	Waste	Soil	Other (Specify)	Analyze For: BTEX 8021B
mw-3	5-3-04	8:00	2			155391	/		/					/					/

No. of Containers and Preservative (TRRP-13 Mandatory) — Matrix

Special Instructions (such as special QC requirements, lists, methods, etc.)

Unless specifically requested otherwise on this Chain-of-custody and/or attached documentation, all analyses will be conducted using ASI's method of choice and all data will be reported to ASI normal reporting limits (MDL PQL). For GC/MS volatiles and extractables, unless specific analytical parameter lists are specified on this chain of custody or attached to this chain of custody, ASI will default to Priority Pollutants or ASI's HSL list at ASI's option. Specific compound lists must be supplied for all GC procedures.

T: 3.1 C

Sample Relinquished By: Name	Affiliation	Date	Time	Sample Received By: Name	Affiliation	Date	Time
Cody Fisher	ETGI	5-3-04		D. Flynn	ASI	5/7/04	1300

[Tendering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.]

Sample Analysis Case Narrative

Client: Environmental Tech Group **Project ID:** PL-2076 LF-37

Attn: Camille Reynolds

for Sample #'s: 155391

Analyzed by AnalySys, Inc.

Final Review Date: 5/14/2004 **By:** _____ (R. Elton)

Case Narrative:

The recovery of o-Xylene in the Matrix Spike (MS) for the analytical batch that contained sample # 155391 was slightly above normal laboratory acceptance criteria. The Matrix Spike Duplicate (MSD) and the Laboratory Control Sample (LCS) run with this batch met recovery acceptance criteria for the analyte indicating that the analytical method was operating correctly and in control. No o-Xylene was found in sample # 155391. Although the MS recovery is above normal acceptance criteria for this compound, sample # 155391 was not the spiked sample. When viewed within the context of the passing MSD and LCS data, and the acceptable surrogate recoveries for these samples, this deviation in MS recovery should have a minimal impact on data usability.

APPENDIX III

Laboratory Results
3rd Quarter 2004

LF-37

April 2005

Plains Marketing, L.P.
Houston, Texas

Prepared by:
BBC International, Inc.

ANALYSYS INC.

3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Nova
Attn: Todd Choban
Address: 2053 Commerce
Midland TX 79703

Phone: 432-520-7720 **FAX:**

Report#/Lab ID#: 159257 **Report Date:** 09/08/04
Project ID: LF 37
Sample Name: MW-3
Sample Matrix: water
Date Received: 09/02/2004 **Time:** 16:00
Date Sampled: 08/31/2004 **Time:** 16:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		09/08/04	8260b(5030/5035)	---	---	---	---	---
Benzene	9.02	µg/L	1	<1	09/08/04	8260b	---	1.8	90.9	90	85
Ethylbenzene	1.75	µg/L	1	<1	09/08/04	8260b	---	0	98.7	101.5	96.9
m,p-Xylenes	4.42	µg/L	2	<2	09/08/04	8260b	---	0.9	98.3	99.4	97.5
o-Xylene	<1	µg/L	1	<1	09/08/04	8260b	---	3.9	104.5	101.5	99.8
Toluene	<1	µg/L	1	<1	09/08/04	8260b	---	7.3	105.3	99.1	95.8

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Dale Wagner

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B =Analyte detected in associated method blank(s). S & S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

ANALYSYS INC.

3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Nova	**Project ID:** LF 37	**Report#/Lab ID#:** 159257
Attn: Todd Choban	**Sample Name:** MW-3	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1,2-Dichloroethane-d4	8260b	104	74-124	---
Toluene-d8	8260b	106	89-115	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

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

TraceAnalysis, Inc.

155 McCutcheon,Suite H
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 #_____

Company Name: Nava Phone #: 432 557 6906

Address: (Street, City, Zip) 2557 Commerce Fax #:

Contact Person: Todd Choban (John Arguello)

Invoice to: (If different from above) Plains

Project #: Project Name: LF 37

Project Location: Monument N.M. Sampler Signature:

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
159257	MW-3	2	VOA	X				X				X		8/31/04	432

MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005	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							Turn Around Time if different from standard	Hold
X																						

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
[signature]	9/01/04	700			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by: [signature] Flynn/ASI	Date: 9/2/04	Time: 1600

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

ORIGINAL COPY

LAB USE ONLY

Intact Y / N

Headspace Y / N

Temp ____ °

Log-in Review ____

REMARKS:

☐ Check If Special Reporting Limits Are Needed

Carrier #_____

APPENDIX IV

Laboratory Results
4th Quarter 2004

LF-37

April 2005

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: December 30, 2004

Work Order: 4122219

Project Location: Monument,NM
Project Name: LF-37
Project Number: LF-37 (Plains)

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
51448	MW-2	water	2004-12-21	11:35	2004-12-22
51449	MW-6	water	2004-12-21	12:06	2004-12-22
51450	MW-7	water	2004-12-21	12:40	2004-12-22
51451	MW-8	water	2004-12-21	13:12	2004-12-22
51452	MW-9	water	2004-12-21	13:41	2004-12-22
51453	MW-3	water	2004-12-21	14:15	2004-12-22
51454	MW-1	water	2004-12-21	14:40	2004-12-22
51455	MW-4	water	2004-12-21	15:05	2004-12-22
51456	MW-5	water	2004-12-21	15:39	2004-12-22

	BTEX by 8260				
Sample - Field Code	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	m,p-Xylene (µg/L)	o-Xylene (µg/L)
51448 - MW-2	<1.00	<1.00	<1.00	<1.00	<1.00
51449 - MW-6	<1.00	<1.00	<1.00	<1.00	<1.00
51450 - MW-7	<1.00	<1.00	<1.00	<1.00	<1.00
51451 - MW-8	<1.00	<1.00	<1.00	<1.00	<1.00
51452 - MW-9	<1.00	<1.00	<1.00	<1.00	<1.00
51453 - MW-3	99.9	<5.00	<5.00	9.90	<5.00
51454 - MW-1	<1.00	<1.00	<1.00	<1.00	<1.00
51455 - MW-4	<1.00	<1.00	<1.00	<1.00	<1.00
51456 - MW-5	19.8	<1.00	5.27	5.87	<1.00

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: December 30, 2004

Work Order: 4122219

Project Location: Monument,NM
Project Name: LF-37
Project Number: LF-37 (Plains)

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
51448	MW-2	water	2004-12-21	11:35	2004-12-22
51449	MW-6	water	2004-12-21	12:06	2004-12-22
51450	MW-7	water	2004-12-21	12:40	2004-12-22
51451	MW-8	water	2004-12-21	13:12	2004-12-22
51452	MW-9	water	2004-12-21	13:41	2004-12-22
51453	MW-3	water	2004-12-21	14:15	2004-12-22
51454	MW-1	water	2004-12-21	14:40	2004-12-22
51455	MW-4	water	2004-12-21	15:05	2004-12-22
51456	MW-5	water	2004-12-21	15:39	2004-12-22

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: 51448 - MW-2

Analysis:	BTEX by 8260	Analytical Method:	S 8260B	Prep Method:	S 5030B
QC Batch:	15021	Date Analyzed:	2004-12-29	Analyzed By:	JG
Prep Batch:	13256	Date Prepared:	2004-12-29	Prepared By:	JG

Parameter	Flag	Result	RL	Units	Dilution	RL
Benzene		<1.00		µg/L	1	1.00
Toluene		<1.00		µg/L	1	1.00
Ethylbenzene		<1.00		µg/L	1	1.00
m,p-Xylene		<1.00		µg/L	1	1.00
o-Xylene		<1.00		µg/L	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Dibromofluoromethane		52.5	µg/L	1	50.0	105	70 - 130
Toluene-d8		47.3	µg/L	1	50.0	95	70 - 130
4-Bromofluorobenzene (4-BFB)		44.0	µg/L	1	50.0	88	70 - 130

Sample: 51449 - MW-6

Analysis:	BTEX by 8260	Analytical Method:	S 8260B	Prep Method:	S 5030B
QC Batch:	15021	Date Analyzed:	2004-12-29	Analyzed By:	JG
Prep Batch:	13256	Date Prepared:	2004-12-29	Prepared By:	JG

Parameter	Flag	Result	RL	Units	Dilution	RL
Benzene		<1.00		µg/L	1	1.00
Toluene		<1.00		µg/L	1	1.00
Ethylbenzene		<1.00		µg/L	1	1.00
m,p-Xylene		<1.00		µg/L	1	1.00
o-Xylene		<1.00		µg/L	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Dibromofluoromethane		52.7	µg/L	1	50.0	105	70 - 130
Toluene-d8		47.2	µg/L	1	50.0	94	70 - 130
4-Bromofluorobenzene (4-BFB)		43.7	µg/L	1	50.0	87	70 - 130

Sample: 51450 - MW-7

Analysis:	BTEX by 8260	Analytical Method:	S 8260B	Prep Method:	S 5030B
QC Batch:	15021	Date Analyzed:	2004-12-29	Analyzed By:	JG
Prep Batch:	13256	Date Prepared:	2004-12-29	Prepared By:	JG

Parameter	Flag	Result	RL	Units	Dilution	RL
Benzene		<1.00		µg/L	1	1.00
Toluene		<1.00		µg/L	1	1.00

continued ...

sample 51450 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
Ethylbenzene		<1.00	µg/L	1	1.00
m,p-Xylene		<1.00	µg/L	1	1.00
o-Xylene		<1.00	µg/L	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Dibromofluoromethane		52.7	µg/L	1	50.0	105	70 - 130
Toluene-d8		47.0	µg/L	1	50.0	94	70 - 130
4-Bromofluorobenzene (4-BFB)		42.1	µg/L	1	50.0	84	70 - 130

Sample: 51451 - MW-8

Analysis:	BTEX by 8260	Analytical Method:	S 8260B	Prep Method:	S 5030B
QC Batch:	15021	Date Analyzed:	2004-12-29	Analyzed By:	JG
Prep Batch:	13256	Date Prepared:	2004-12-29	Prepared By:	JG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<1.00	µg/L	1	1.00
Toluene		<1.00	µg/L	1	1.00
Ethylbenzene		<1.00	µg/L	1	1.00
m,p-Xylene		<1.00	µg/L	1	1.00
o-Xylene		<1.00	µg/L	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Dibromofluoromethane		52.5	µg/L	1	50.0	105	70 - 130
Toluene-d8		46.8	µg/L	1	50.0	94	70 - 130
4-Bromofluorobenzene (4-BFB)		42.9	µg/L	1	50.0	86	70 - 130

Sample: 51452 - MW-9

Analysis:	BTEX by 8260	Analytical Method:	S 8260B	Prep Method:	S 5030B
QC Batch:	15021	Date Analyzed:	2004-12-29	Analyzed By:	JG
Prep Batch:	13256	Date Prepared:	2004-12-29	Prepared By:	JG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<1.00	µg/L	1	1.00
Toluene		<1.00	µg/L	1	1.00
Ethylbenzene		<1.00	µg/L	1	1.00
m,p-Xylene		<1.00	µg/L	1	1.00
o-Xylene		<1.00	µg/L	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Dibromofluoromethane		52.7	µg/L	1	50.0	105	70 - 130
Toluene-d8		47.2	µg/L	1	50.0	94	70 - 130

continued ...

sample continued . . .

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
4-Bromofluorobenzene (4-BFB)		42.3	µg/L	1	50.0	85	70 - 130

Sample: 51453 - MW-3

Analysis:	BTEX by 8260	Analytical Method:	S 8260B	Prep Method:	S 5030B
QC Batch:	15021	Date Analyzed:	2004-12-29	Analyzed By:	JG
Prep Batch:	13256	Date Prepared:	2004-12-29	Prepared By:	JG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		99.9	µg/L	5	1.00
Toluene		<5.00	µg/L	5	1.00
Ethylbenzene		<5.00	µg/L	5	1.00
m,p-Xylene		9.90	µg/L	5	1.00
o-Xylene		<5.00	µg/L	5	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Dibromofluoromethane		52.1	µg/L	1	50.0	104	70 - 130
Toluene-d8		46.6	µg/L	1	50.0	93	70 - 130
4-Bromofluorobenzene (4-BFB)		42.8	µg/L	1	50.0	86	70 - 130

Sample: 51454 - MW-1

Analysis:	BTEX by 8260	Analytical Method:	S 8260B	Prep Method:	S 5030B
QC Batch:	15021	Date Analyzed:	2004-12-29	Analyzed By:	JG
Prep Batch:	13256	Date Prepared:	2004-12-29	Prepared By:	JG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<1.00	µg/L	1	1.00
Toluene		<1.00	µg/L	1	1.00
Ethylbenzene		<1.00	µg/L	1	1.00
m,p-Xylene		<1.00	µg/L	1	1.00
o-Xylene		<1.00	µg/L	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Dibromofluoromethane		52.4	µg/L	1	50.0	105	70 - 130
Toluene-d8		46.4	µg/L	1	50.0	93	70 - 130
4-Bromofluorobenzene (4-BFB)		41.8	µg/L	1	50.0	84	70 - 130

Sample: 51455 - MW-4

Analysis:	BTEX by 8260	Analytical Method:	S 8260B	Prep Method:	S 5030B
QC Batch:	15021	Date Analyzed:	2004-12-29	Analyzed By:	JG
Prep Batch:	13256	Date Prepared:	2004-12-29	Prepared By:	JG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<1.00	µg/L	1	1.00
Toluene		<1.00	µg/L	1	1.00
Ethylbenzene		<1.00	µg/L	1	1.00
m,p-Xylene		<1.00	µg/L	1	1.00
o-Xylene		<1.00	µg/L	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Dibromofluoromethane		52.5	µg/L	1	50.0	105	70 - 130
Toluene-d8		46.3	µg/L	1	50.0	93	70 - 130
4-Bromofluorobenzene (4-BFB)		43.3	µg/L	1	50.0	87	70 - 130

Sample: 51456 - MW-5

Analysis:	BTEX by 8260	Analytical Method:	S 8260B	Prep Method:	S 5030B
QC Batch:	15021	Date Analyzed:	2004-12-29	Analyzed By:	JG
Prep Batch:	13256	Date Prepared:	2004-12-29	Prepared By:	JG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		19.8	µg/L	1	1.00
Toluene		<1.00	µg/L	1	1.00
Ethylbenzene		5.27	µg/L	1	1.00
m,p-Xylene		5.87	µg/L	1	1.00
o-Xylene		<1.00	µg/L	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Dibromofluoromethane		51.2	µg/L	1	50.0	102	70 - 130
Toluene-d8		46.3	µg/L	1	50.0	93	70 - 130
4-Bromofluorobenzene (4-BFB)		43.6	µg/L	1	50.0	87	70 - 130

Method Blank (1) QC Batch: 15021

Parameter	Flag	Result	Units	RL
1,1-Dichloroethene		<1.00	µg/L	1
Benzene		<1.00	µg/L	1
Trichloroethene (TCE)		<1.00	µg/L	1
Toluene		<1.00	µg/L	1
Chlorobenzene		<1.00	µg/L	1
Ethylbenzene		<1.00	µg/L	1
m,p-Xylene		<1.00	µg/L	1
o-Xylene		<1.00	µg/L	1

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Dibromofluoromethane		51.2	µg/L	1	50.0	102	70 - 130
Toluene-d8		47.1	µg/L	1	50.0	94	70 - 130
4-Bromofluorobenzene (4-BFB)		42.5	µg/L	1	50.0	85	70 - 130

Laboratory Control Spike (LCS-1) QC Batch: 15021

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
1,1-Dichloroethene	84.2	84.8	µg/L	1	100	<0.136	84	1	70 - 130	20
Benzene	83.6	83.2	µg/L	1	100	<0.146	84	0	70 - 130	20
Trichloroethene (TCE)	94.2	93.6	µg/L	1	100	<0.117	94	1	70 - 130	20
Toluene	92.3	92.6	µg/L	1	100	<0.0600	92	0	70 - 130	20
Chlorobenzene	96.7	95.4	µg/L	1	100	<0.0540	97	1	70 - 130	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
Dibromofluoromethane	50.2	51.1	µg/L	1	50.0	100	102	70 - 130
Toluene-d8	47.4	47.2	µg/L	1	50.0	95	94	70 - 130
4-Bromofluorobenzene (4-BFB)	42.9	42.9	µg/L	1	50.0	86	86	70 - 130

Standard (CCV-1) QC Batch: 15021

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Vinyl Chloride		µg/L	50.0	44.4	89	80 - 120	2004-12-29
1,1-Dichloroethene		µg/L	50.0	45.8	92	80 - 120	2004-12-29
Chloroform		µg/L	50.0	45.6	91	80 - 120	2004-12-29
1,2-Dichloropropane		µg/L	50.0	43.4	87	80 - 120	2004-12-29
Toluene		µg/L	50.0	51.2	102	80 - 120	2004-12-29
Chlorobenzene		µg/L	50.0	51.1	102	80 - 120	2004-12-29
Ethylbenzene		µg/L	50.0	51.5	103	80 - 120	2004-12-29

Page 1 of 1

6701 Aberdeen Avenue, Ste. 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-1296
email: lab@traceanalysis.com

TraceAnalysis, Inc.

155 McCutcheon,Suite H
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 # 4122219

Company Name: BBC INTERNATIONAL
Phone #: (505) 3976388
Address: (Street, City, Zip) 1324 W. MARLAND HOBBS NM, 88240
Fax #: (505) 397 0397
e-mail:
Contact Person: CLIFF BRUNSON
Invoice to: (If different from above)
Project #: LF-37 (Plains)
Project Name: LF-37
Project Location: Monument NM.
Sampler Signature:

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
51448	MW # 2	2	VOA	✓				✓				✓		12·21	11:35
49	MW # 6	2	VOA	✓				✓				✓		12·21	12:06
50	MW # 7	2	VOA	✓				✓				✓		12·21	12:40
51	MW # 8	2	VOA	✓				✓				✓		12·21	1:12
52	MW # 9	2	VOA	✓				✓				✓		12·21	1:41
53	MW # 3	2	VOA	✓				✓				✓		12·21	2:15
54	MW # 1	2	VOA	✓				✓				✓		12·21	2:40
55	MW # 4	2	VOA	✓				✓				✓		12·21	3:05
56	MW # 5	2	VOA	✓				✓				✓		12·21	3:39

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB #	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 BTEX	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
51448												✓										
49												✓										
50												✓										
51												✓										
52												✓										
53												✓										
54												✓										
55												✓										
56												✓										

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Roger Hernandez	12·21·04	4:15			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by:	Date:	Time:
			[signature]	12·22·04	13:35

LAB USE ONLY
Intact (Y) / N
Headspace Y / (N)
Temp 3°c
Log-in Review N.A

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

Carrier # TNM+O 903-339-237-9

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5148-56

6701 Aberdeen Avenue, Ste. 9
Lubbock, Texas 79424
Tel (806) 794-1296
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1 (800) 378-1296
email: lab@traceanalysis.com

TraceAnalysis, Inc.

155 McCutcheon, Suite H
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 # 412219

Company Name: BBC INTERNATIONAL
Phone #: (505) 3976388
Address: (Street, City, Zip) 1324 W. MARLAND HOBBS NM, 88240
Fax #: (505) 397 0397
e-mail:
Contact Person: CLIFF BRUNSON
Invoice to: (If different from above)
Project #: LF-37 (Plains)
Project Name: LF-37
Project Location: Monument NM.
Sampler Signature:

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
5148	MW # 2	2	VOA	✓				✓				✓		12.21	11:35
49	MW # 6	2	VOA	✓				✓				✓		12.21	12:06
50	MW # 7	2	VOA	✓				✓				✓		12.21	12:40
51	MW # 8	2	VOA	✓				✓				✓		12.21	1:12
52	MW # 9	2	VOA	✓				✓				✓		12.21	1:41
53	MW # 3	2	VOA	✓				✓				✓		12.21	2:15
54	MW # 1	2	VOA	✓				✓				✓		12.21	2:40
55	MW # 4	2	VOA	✓				✓				✓		12.21	3:05
56	MW # 5	2	VOA	✓				✓				✓		12.21	3:39

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/~~8240~~ BTEX	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:
Rogen Hernandez	12.21.04	4:15			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by:	Date:	Time:
				12.22.04	13:35

LAB USE ONLY
Intact Y / N
Headspace Y (N)
Temp 3°C
Log-in Review VT

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

12/31/04

Carrier # INMID 903-339-237-9

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

ORIGINAL COPY

APPENDIX V

FORM C-141

LF-37

April 2005

Plains Marketing, L.P.
Houston, Texas

Prepared by:
BBC International, Inc.

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

LF-37

Form C-141
Revised March 17, 1999

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 **EOTT Energy Pipeline Limited Partnership**	Contact **Lennah Frost**
Address **P.O. Box 1660, Midland, TX 79702**	Telephone No. **915/684-3467**
Facility Name **Monument 6"**	Facility Type **pipeline**

Surface Owner **State of New Mexico**	Mineral Owner	Lease No.

LOCATION OF RELEASE

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

NATURE OF RELEASE

Type of Release **Crude Oil**	Volume of Release **5 bbls**	Volume Recovered **3 bbls**
Source of Release **Pipeline corrosion leak**	Date and Hour of Occurrence **5/4/99, 3 pm**	Date and Hour of Discovery **5/4/99, 3 pm**
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? **Sylvia**	
By Whom? **Lennah Frost**	Date and Hour **5/4/99, 4:30 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.*
Line had been idled but not de-oiled. The line has since been de-oiled and taken out of service.

Describe Area Affected and Cleanup Action Taken.*
Contaminated soil was excavated. Approx. 1992 cu. yds of soil was disposed of at C&C Landfarm. The remainder of the soil was remediated on site using microbes. All analysis are attached. EOTT requests closure at this site.

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: **Lennah Frost**	Approved by District Supervisor:
Title: **Sr. Environmental Engineer**	Approval Date: / Expiration Date:
Date: **1/5/00** Phone: **915/684-3467**	Conditions of Approval: ☐ Attached

* Attach Additional Sheets If Necessary