1R-110

Plains
Monument #2

Annual Report
2013

2013
ANNUAL MONITORING REPORT

MONUMENT 2

SW ¼ SW ¼ SECTION 06, TOWNSHIP 20 SOUTH, RANGE 37 EAST
NW ¼ NW ¼ SECTION 07, TOWNSHIP 20 SOUTH, RANGE 37 EAST
LEA COUNTY, NEW MEXICO
PLAINS SRS NUMBER: TNM MONUMENT 2-KNOWN
NMOCD File Number 1R-0110

PREPARED FOR:

Prepared For:

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

Prepared By:

NOVA Safety and Environmental
2057 Commerce Street
Midland, Texas 79703

March 2014

Jonathan Repman
Project Manager

Brittan K. Byerly, P.G.
President

TABLE OF CONTENTS

INTRODUCTION

On behalf of Plains Marketing, L.P., (Plains), NOVA Safety and Environmental (NOVA) is pleased to submit this 2013 Annual Monitoring Report in compliance with the New Mexico Oil Conservation Division (NMOCD) letter of May 1998, requiring submittal of an Annual Monitoring Report by April 1 of each year. Beginning on May 29, 2004, project management responsibilities for the Monument 2 Site (the site) were assumed by NOVA. The site, formerly the responsibility of Enron Oil Trading and Transportation (EOTT), is now the responsibility of Plains. This report is intended to be viewed as a complete document with text, figures, tables, and appendices. This report presents the results of the quarterly groundwater monitoring events conducted in calendar year 2013 only. However, historic data tables as well as 2013 laboratory analytical reports are provided on the enclosed disk. For reference, a Site Location Map is provided as Figure 1.

Groundwater monitoring was conducted each quarter of 2013 to assess the levels and extent of dissolved phase constituents and Phase Separated Hydrocarbon (PSH). The groundwater monitoring events consisted of measuring static water levels in the monitor wells, checking for the presence of PSH and purging and sampling of each well exhibiting sufficient recharge. Monitor wells containing a thickness of PSH greater than 0.01 foot were not sampled.

SITE DESCRIPTION AND BACKGROUND INFORMATION

The legal description of the site's location is SW ¼ SW ¼ Section 6, Township 20 South, Range 37 East and NW ¼ NW ¼ Section 7, Township 20 South, Range 37 East. No information with respect to the release date, volume of crude oil released and recovered, excavation dimensions or pipeline repair is available as the release at the site occurred while the pipeline was operated by the Texas New Mexico Pipe Line Company (TNM). The Release Notification and Corrective Action (Form C-141) is provided as Appendix B. The initial site investigation, consisting of the installation of seven groundwater monitor wells (MW-1 through MW-7) was conducted by previous consultants. Currently, there are eight monitor wells (MW-1 through MW-8) on-site. Figure 2 displays the location of on-site monitor wells, initial excavation limits, pipelines and other site details.

FIELD ACTIVITIES

Product Recovery Efforts

Based on the gauging data collected during the reporting period, one monitor well (MW-8) sporadically exhibited a measurable thickness of PSH ranging from 0.01 feet on August 29, 2013 and December 30, 2013 to 0.08 feet on July 25, 2013. Approximately 52.2 gallons (1.2 barrels) of PSH have been recovered by manual recovery methods since project inception.

Groundwater Monitoring

Quarterly monitoring events for the reporting period were performed according to the following sampling schedule, which was approved by the NMOCD in correspondence dated April 28, 2004 and amended by NMOCD correspondence dated July 17, 2013.

NMOCD Approved Sampling Schedule			
MW-1	Annually	MW-5	Annually
MW-2	Quarterly	MW-6	Annually
MW-3	Annually	MW-7	Annually
MW-4	Semi-Annually	MW-8	Quarterly

Quarterly groundwater sampling events conducted this reporting period were performed on February 16, May 7, August 29, and November 13, 2013. During each sampling event, the monitor wells were purged of a minimum of three well volumes of water or until the wells were dry using a disposable polyethylene bailer or electrical Grundfos pump. Groundwater was allowed to recharge and samples were obtained using disposable Teflon samplers. Water samples were collected in clean glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of at a licensed disposal facility.

Figures 2A through 2D, depict the inferred groundwater gradient, derived from gauging data collected during each quarterly sampling event and surveyed top of casing (TOC) elevations. Groundwater elevation data for 2013 is provided as Table 1. Historic groundwater elevation data beginning at project inception is provided on the enclosed disk.

The most recent Inferred Groundwater Gradient Map, Figure 2D, indicates a general gradient of 0.0028 feet/foot to the south-southeast.

LABORATORY RESULTS

Groundwater samples obtained during the quarterly sampling events of 2013 were delivered to Trace Analysis, Inc. in Midland, Texas for determination of Benzene, Toluene, Ethylbenzene and Xylene (BTEX) constituent concentrations by EPA Method 8021B. Polynuclear Aromatic Hydrocarbons (PAH) analysis was conducted on monitor wells MW-2 and MW-8 during 2013. Based upon historic PAH analytical data, only those wells exhibiting elevated constituent concentrations above WQCC standards are sampled, with the exclusion of those wells containing measurable PSH thicknesses. A listing of BTEX constituent concentrations for 2013 are summarized in Table 2 and the historic PAH constituent concentrations are summarized in Table 3. Copies of the laboratory reports generated for 2013 are provided on the enclosed data disk. The quarterly groundwater sample results for BTEX constituent concentrations are depicted on Figures 3A through 3D.

Monitor well MW-1 is sampled on an annual schedule. Analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory guidelines for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX concentrations have been below NMOCD regulatory guidelines for the last 18 consecutive sampling events. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-2 is sampled on a quarterly schedule. Analytical results indicate benzene concentrations ranged from <0.00500 mg/L during the 1st and 2nd quarter to 0.00170 mg/L during the 4th quarter of 2013. Benzene concentrations were below NMOCD regulatory guidelines of 0.01 mg/L, during the four quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory guideline of 0.75 mg/L during the four quarters of

the reporting period. Ethyl-benzene concentrations ranged from 0.0147 mg/L during the 4th quarter to 0.0341 mg/L during the 1st quarter of 2013. Ethyl-benzene concentrations were below NMOCD regulatory guideline of 0.75 mg/L, during the four quarters of the reporting period. Xylene concentrations ranged from <0.00300 mg/L during the 4th quarter to 0.0100 mg/L during the 2nd quarter of 2013. Xylene concentrations were below NMOCD regulatory guideline of 0.62 mg/L, during the four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards of indeno(1,2,3-cd)pyrene (0.00223 mg/L).

Monitor well MW-3 is sampled on an annual schedule and the analytical results indicated the BTEX constituent concentrations were below the MDL and NMOCD regulatory guideline during the 4th quarter of the reporting period. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-4 is sampled on a semi-annual schedule and the analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory guidelines for each BTEX constituent during the 2nd and 4th quarter sampling events. The analytical results indicate BTEX concentrations have been below NMOCD regulatory guidelines for the last 45 consecutive sampling events. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-5 is sampled on an annual schedule and the analytical results indicated the BTEX constituent concentrations were below the MDL and NMOCD regulatory guideline during the 4th quarter of the reporting period. The analytical results indicate BTEX concentrations have been below NMOCD regulatory guidelines for the last 19 consecutive sampling events. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-6 is sampled on an annual schedule and the analytical results indicated the BTEX constituent concentrations were below the MDL and NMOCD regulatory guideline during the 4th quarter of the reporting period. The analytical results indicate BTEX concentrations have been below NMOCD regulatory guidelines for the last 43 consecutive sampling events. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-7 is sampled on an annual schedule and the analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory guidelines for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX concentrations have been below NMOCD regulatory guidelines for the last 28 consecutive sampling events. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-8 is sampled on a quarterly schedule and the analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 2nd and 3rd quarter to 0.0532 mg/L during the 4th quarter of 2013. Benzene concentrations were above NMOCD regulatory guideline during the 4th quarter of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory guidelines during the four quarters of 2013. Ethyl-benzene concentrations ranged from 0.0103 mg/L during the 3rd quarter to 0.0883 mg/L during the 1st quarter of 2013. Ethyl-benzene concentrations were below NMOCD regulatory guideline during the four quarters of the reporting period. Xylene concentrations ranged from <0.150 mg/L during the 4th quarter to 0.132 mg/L during the 1st quarter of 2013. Xylene concentrations were

below NMOCD regulatory guideline during the four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for phenanthrene (0.0192 mg/L), naphthalene (0.0447 mg/L), and 1-methylnaphthalene (0.108 mg/L).

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

SUMMARY

This report presents the results of monitoring activities for the 2013 annual monitoring period. Currently, there are eight groundwater monitor wells (MW-1 through MW-8) on-site. The monitor wells are gauged monthly. The most recent Inferred Groundwater Gradient Map, Figure 2D, indicates a general gradient of 0.0028 feet/foot to the south-southeast.

Measurable thicknesses of PSH were reported in monitor well (MW-8) ranging in thickness from 0.01 to 0.08 feet during the 3rd and 4th quarters of the reporting period.

Benzene is the only BTEX constituent exhibiting concentrations above NMOCD regulatory guidelines. Benzene concentrations exceeding regulatory guidelines were exhibited in monitor well (MW-8) during the 4th quarter sampling event. Review of PAH analysis indicates a fluctuating trend in constituent concentrations in monitor well (MW-8) as compared to previous years sample results.

ANTICIPATED ACTIONS

Quarterly monitoring and groundwater sampling will continue in 2014. Per the conditions of NMOCD's approval of the 2012 Annual Monitoring Report's Anticipated Actions on July 17, 2013, Plains has modified the sampling schedule for the following monitor wells:

- Monitor wells MW-3 and MW-6 reverted to an annual sampling schedule.
- Monitor well MW-5 has been modified to an annual sampling schedule.

Based on the results of the PAH analysis over the past several years, Plains recommends further PAH analysis be conducted on monitor wells MW-2 and MW-8.

A Soil Closure Proposal will be submitted to the NMOCD in the future. The Proposal will report the results of the Soil Investigation Work Plan and if warranted, will propose a strategy to remediate the remaining soil issues at the site.

Quarterly monitoring, PSH recovery (as necessary) and groundwater sampling will continue in 2014. A 2014 annual monitoring report will be submitted to the NMOCD by April 1, 2015.

LIMITATIONS

NOVA has prepared this 2013 Annual Monitoring Report to the best of its ability. No other warranty, expressed or implied, is made or intended.

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

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

DISTRIBUTION

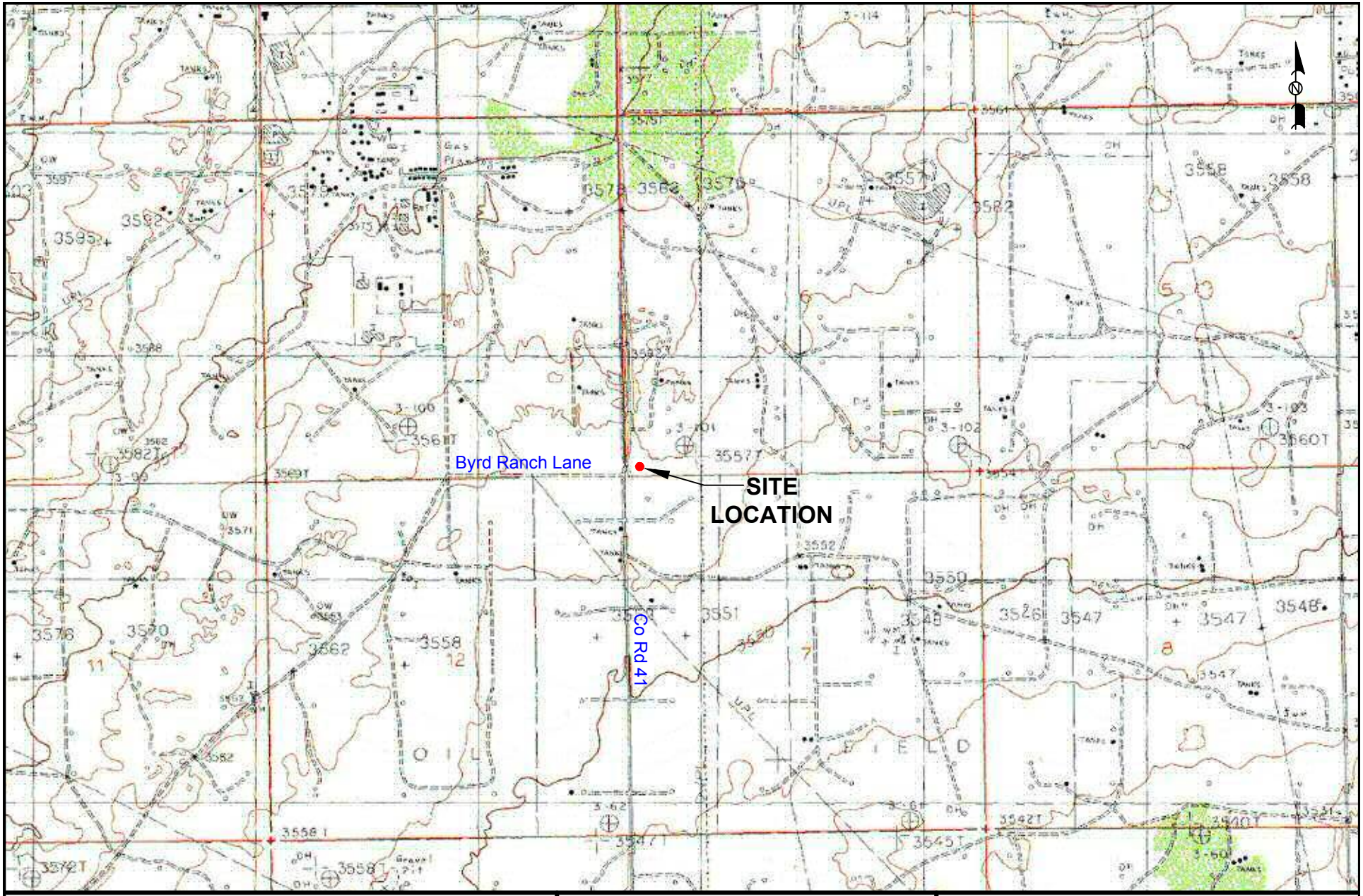
Copy 1 Jim Griswold
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

Copy 2: Geoffrey R. Leking
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division, District 1
1625 French Drive
Hobbs, NM 88240

Copy 3: Camille Bryant
Plains Marketing, L.P.
2530 State Highway 214
Denver City, TX 79323
cjbryant@paalp.com

Copy 4: Jeff Dann
Plains Marketing, L.P.
333 Clay Street
Suite 1600
Houston, TX 77002
jpdann@paalp.com

Copy 5: NOVA Safety and Environmental
2057 Commerce Street
Midland, TX 79703
jrepman@novatraining.cc



LEGEND:

2000 1000 0 1000 2000

Distance in Feet

NMOCD Reference #1R-0103

Figure 1
Site Location Map
Monument 2
Plains Marketing, L.P.
Lea County, NM

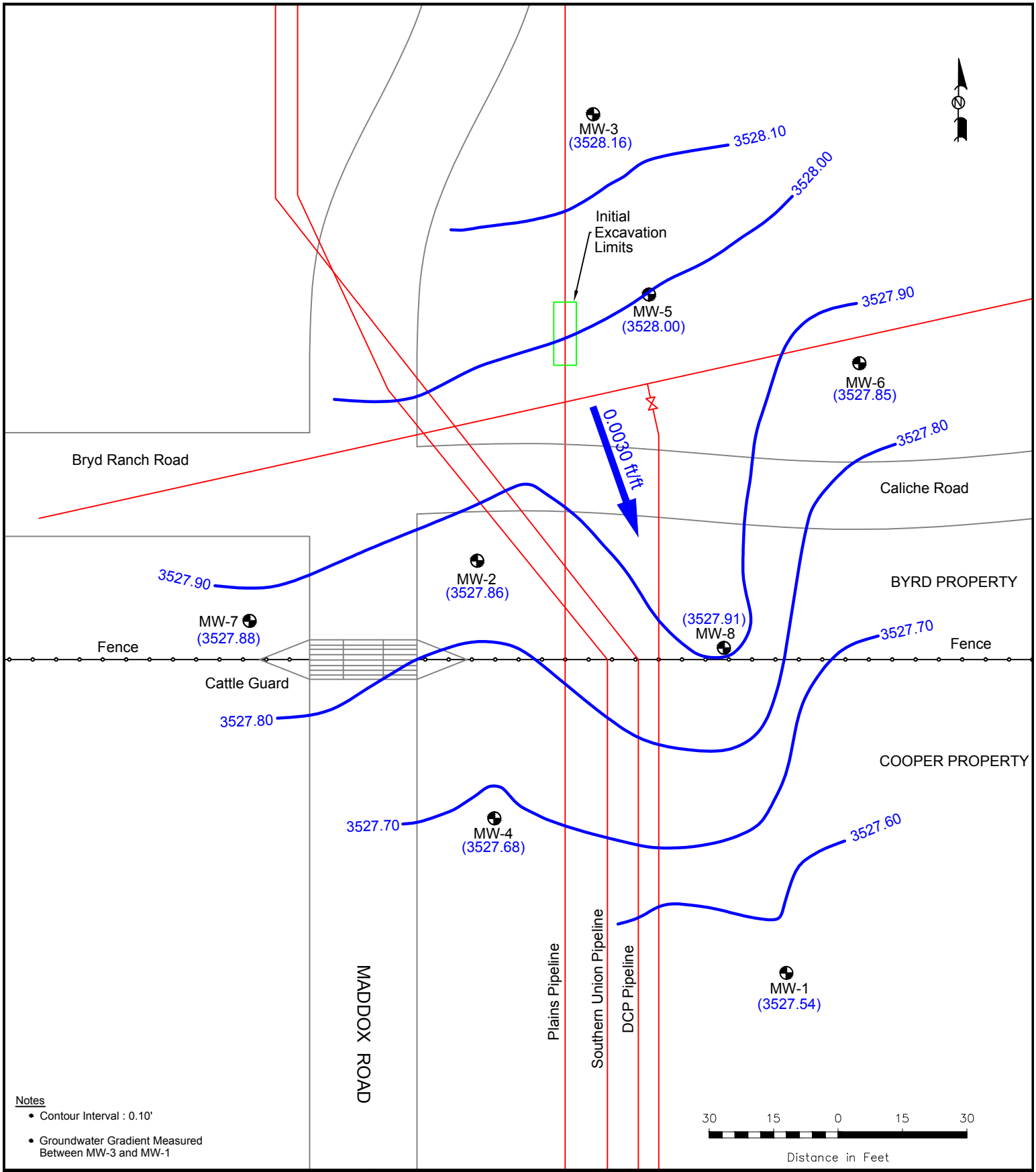
NOVA safety and environmental

2057 Commerce Drive
Midland, Texas 79703
432.520.7720

www.novasafetyandenvironmental.com

February 28, 2011	Scale: 1" = 2000'	CAD By: TA	Checked By: RKR

LATITUDE & LONGITUDE COORDINATES: N 32° 35' 42.4" W 103° 17' 56.5"



Notes

- Contour Interval : 0.10'
- Groundwater Gradient Measured Between MW-3 and MW-1

LEGEND:

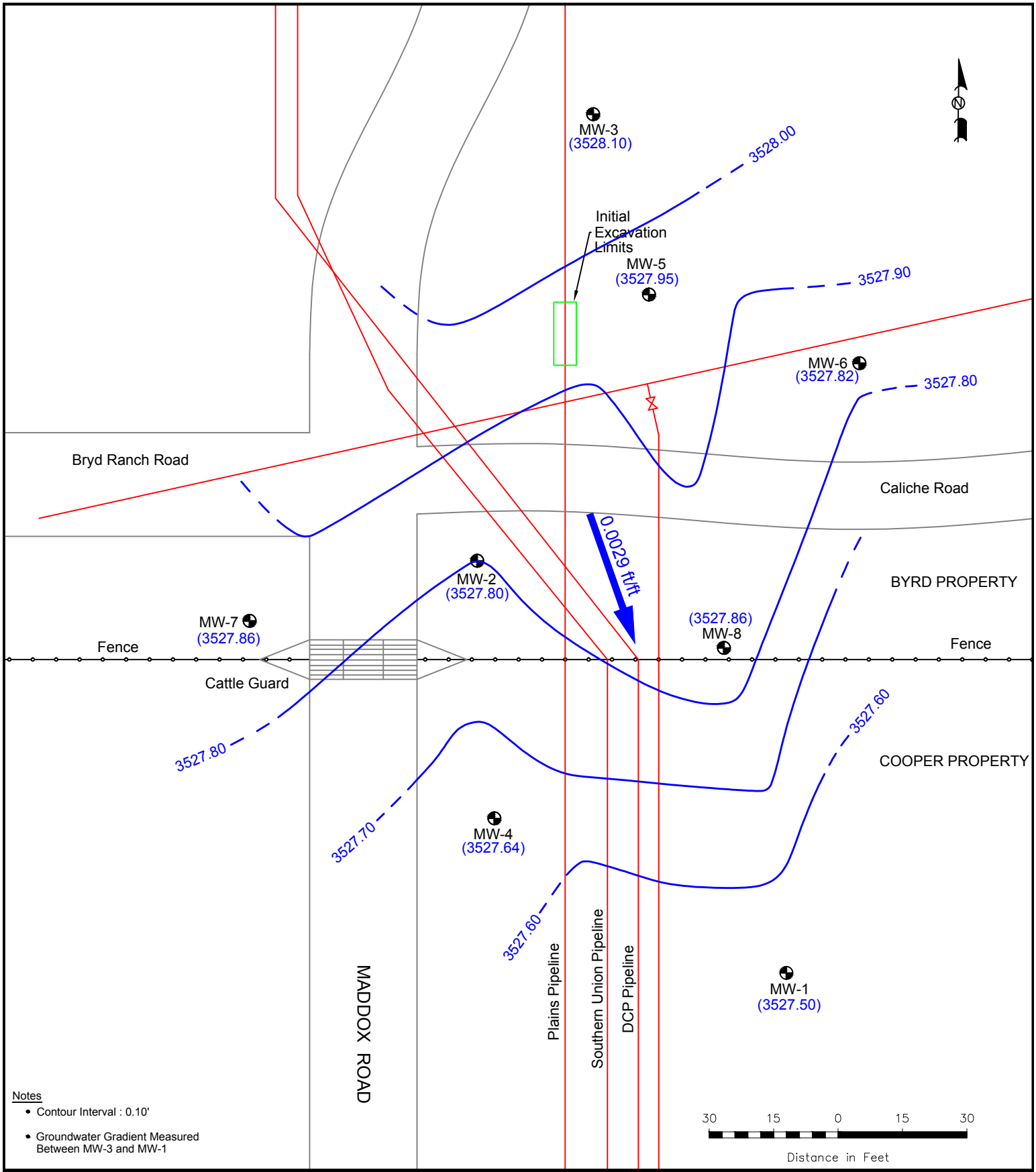
- Monitor Well Location
- Fence
- Pipeline
- (3529.08) Groundwater Elevation (feet)
- Groundwater Elevation Contour Line
- 0.001 ft/ft Groundwater Gradient and Magnitude

Figure 2A
Inferred Groundwater Gradient Map
(2/16/2013)
Plains Marketing, L.P.
Monument 2
Lea County, NM
NMOCD Reference # 1R-0110

NOVA safety and environmental
2057 Commerce Drive
Midland, Texas 79703
432.520.7720
www.novasafetyandenvironmental.com

April 11, 2013	Scale: 1" = 30'	CAD By: CAS	Checked By:

Lat. N 32° 35' 42.4" Long. W 103° 17' 56.5"



Notes

- Contour Interval : 0.10'
- Groundwater Gradient Measured Between MW-3 and MW-1

LEGEND:

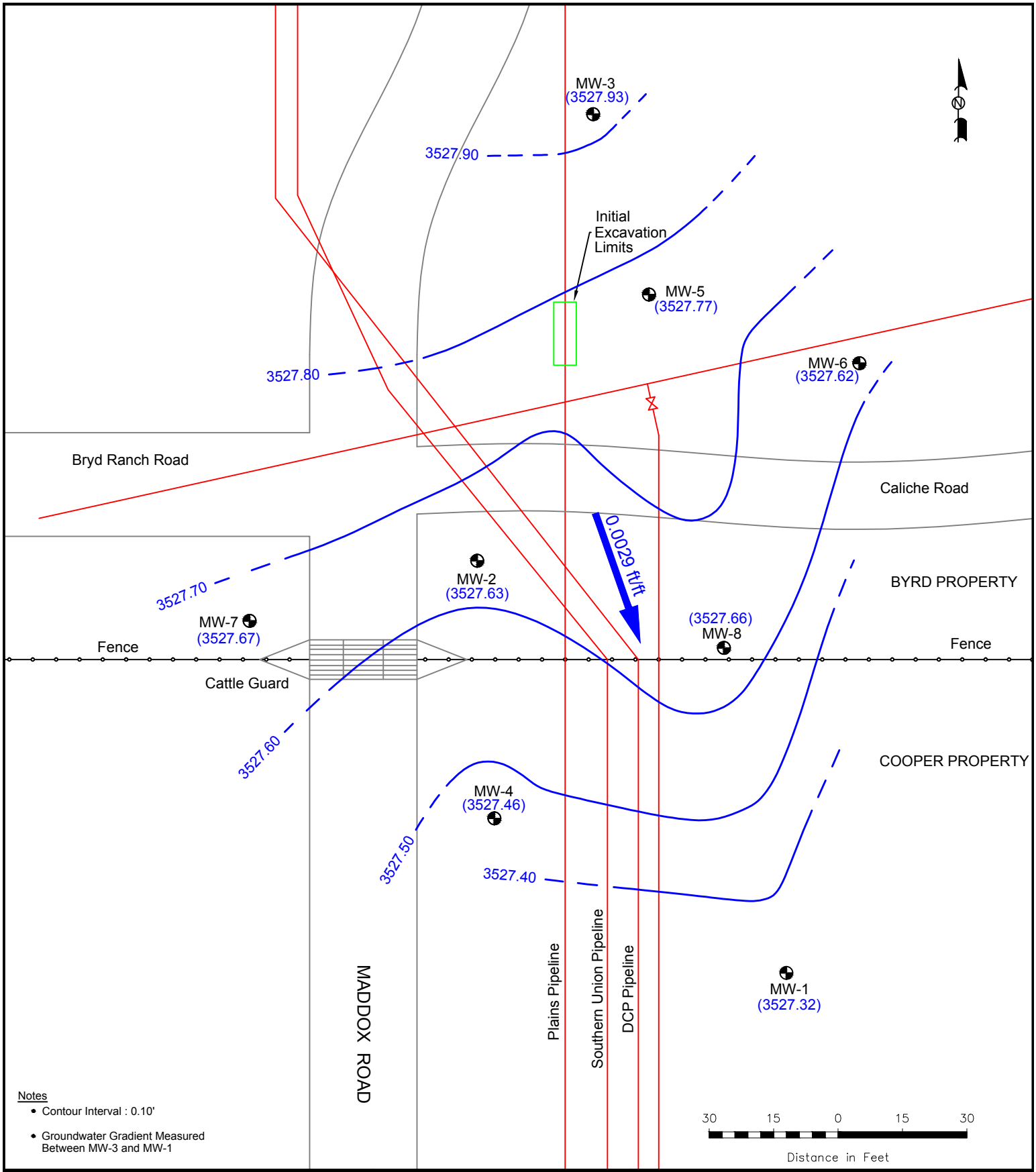
- Monitor Well Location
- Fence
- Pipeline
- (3529.08) Groundwater Elevation (feet)
- Groundwater Elevation Contour Line
- 0.001 ft/ft Groundwater Gradient and Magnitude

Figure 2B
Inferred Groundwater Gradient Map
(5/7/2013)
Plains Marketing, L.P.
Monument 2
Lea County, NM
NMOCD Reference # 1R-0110

NOVA safety and environmental
2057 Commerce Drive
Midland, Texas 79703
432.520.7720
www.novasafetyandenvironmental.com

May 22, 2013	Scale: 1" = 30'	CAD By: CAS	Checked By:

Lat. N 32° 35' 42.4" Long. W 103° 17' 56.5"



Notes

- Contour Interval : 0.10'
- Groundwater Gradient Measured Between MW-3 and MW-1

LEGEND:

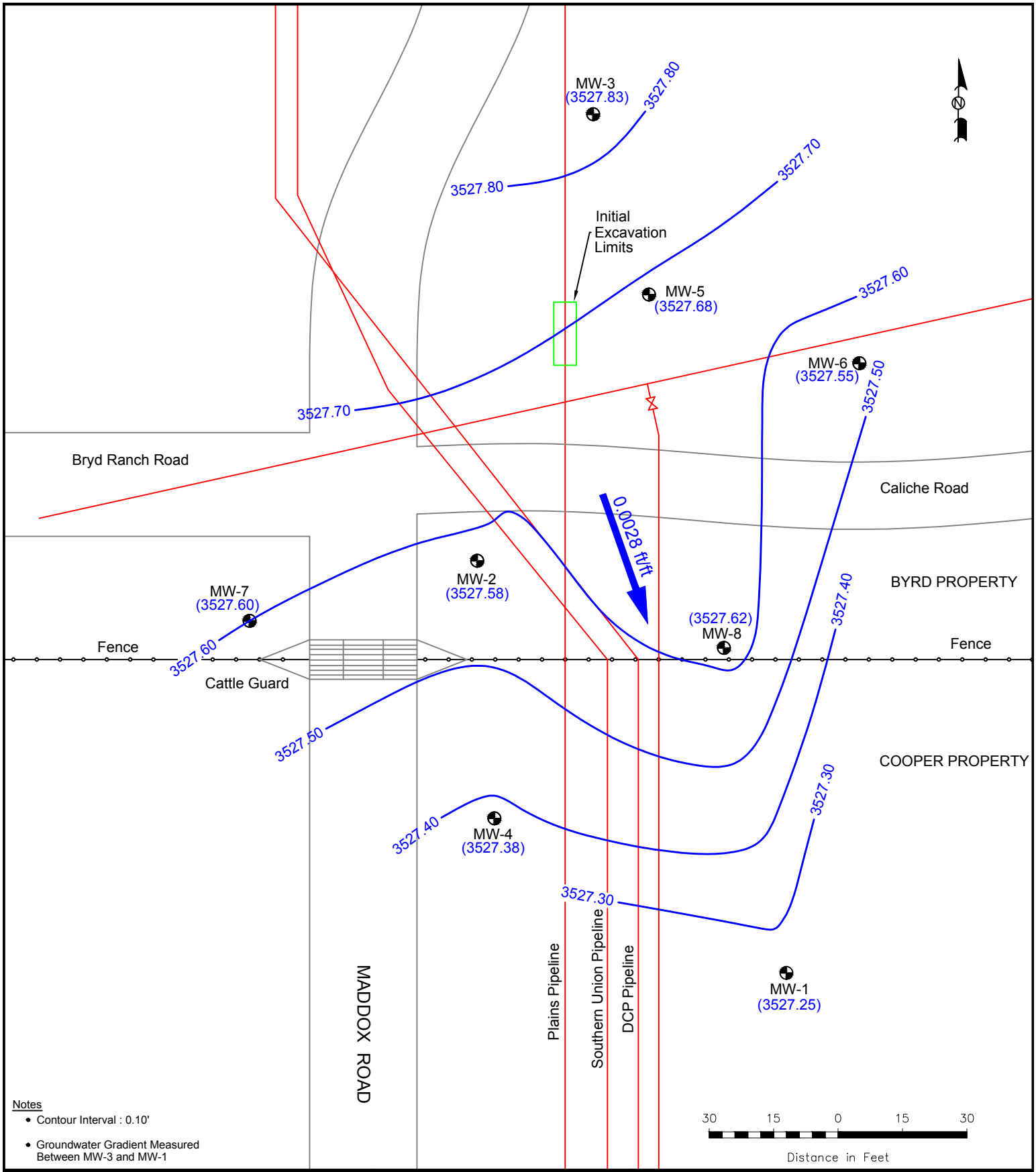
- Monitor Well Location
- Fence
- Pipeline
- (3529.08) Groundwater Elevation (feet)
- Groundwater Elevation Contour Line
- 0.001 ft/ft Groundwater Gradient and Magnitude

Figure 2C
Inferred Groundwater Gradient Map
(8/29/2013)
Plains Marketing, L.P.
Monument 2
Lea County, NM
NMOCD Reference # 1R-0110

NOVA safety and environmental
2057 Commerce Drive
Midland, Texas 79703
432.520.7720
www.novasafetyandenvironmental.com

September 26, 2013	Scale: 1" = 30'	CAD By: TA	Checked By: CJB

Lat. N 32° 35' 42.4" Long. W 103° 17' 56.5"



Notes

- Contour Interval : 0.10'
- Groundwater Gradient Measured Between MW-3 and MW-1

LEGEND:

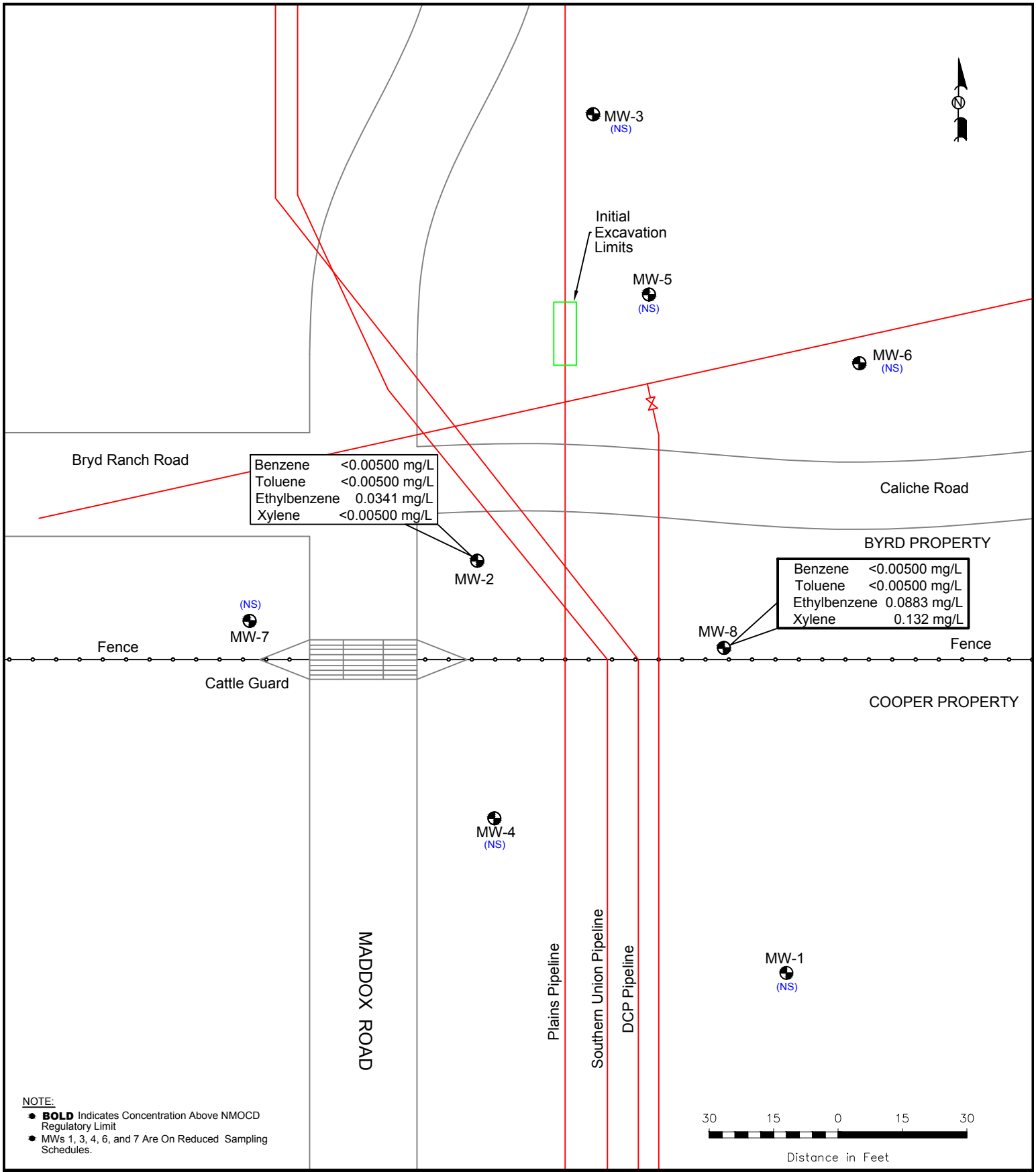
- Monitor Well Location
- Fence
- Pipeline
- (3529.08) Groundwater Elevation (feet)
- Groundwater Elevation Contour Line
- 0.001 ft/ft Groundwater Gradient and Magnitude

Figure 2D
Inferred Groundwater Gradient Map
(11/13/2013)
Plains Marketing, L.P.
Monument 2
Lea County, NM
NMOCD Reference # 1R-0110

NOVA safety and environmental
2057 Commerce Drive
Midland, Texas 79703
432.520.7720
www.novasafetyandenvironmental.com

December 20, 2013	Scale: 1" = 30'	CAD By: TA	Checked By: CS

Lat. N 32° 35' 42.4" Long. W 103° 17' 56.5"



NOTE:
- **BOLD** Indicates Concentration Above NMOCD Regulatory Limit
- MWs 1, 3, 4, 6, and 7 Are On Reduced Sampling Schedules.

LEGEND:

Monitor Well Location (NS) Not Sampled	
Pipeline	
Fence	
<0.001	Constituent Concentration (mg/L)

Figure 3A
Groundwater Concentration and Inferred PSH Extent (2/16/2013)
Plains Marketing, L.P.
Monument 2
Lea County, NM
NMOCD Reference # 1R-0110

NOVA safety and environmental
2057 Commerce Drive
Midland, Texas 79703
432.520.7720
www.novasafetyandenvironmental.com

April 9, 2013	Scale: 1" = 30'	CAD By: CAS	Checked By: RKR
Lat. N 32° 35' 42.4" Long. W 103° 17' 56.5"		NW1/4 SW1/4 Sec 32 T19S R37E	

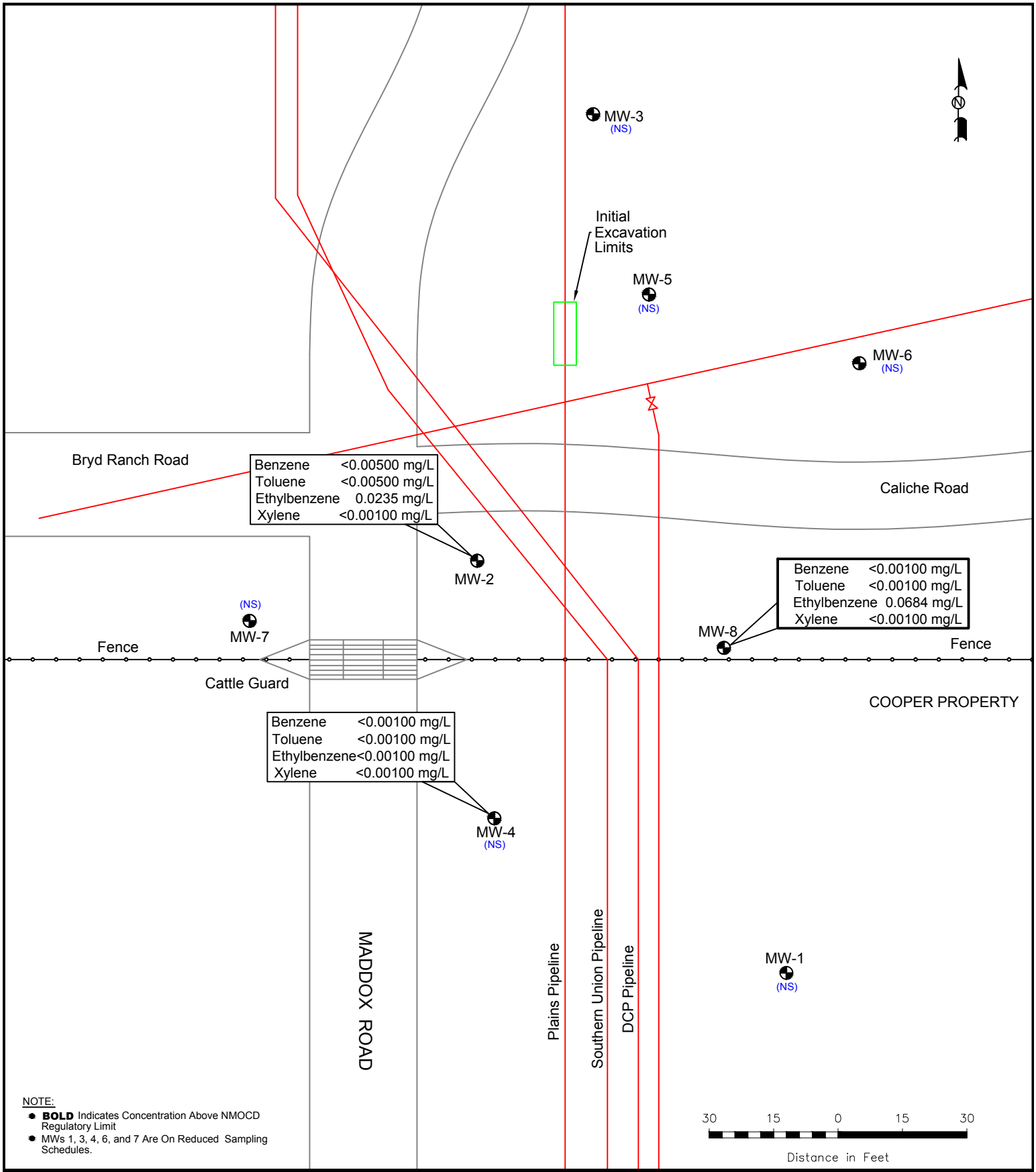
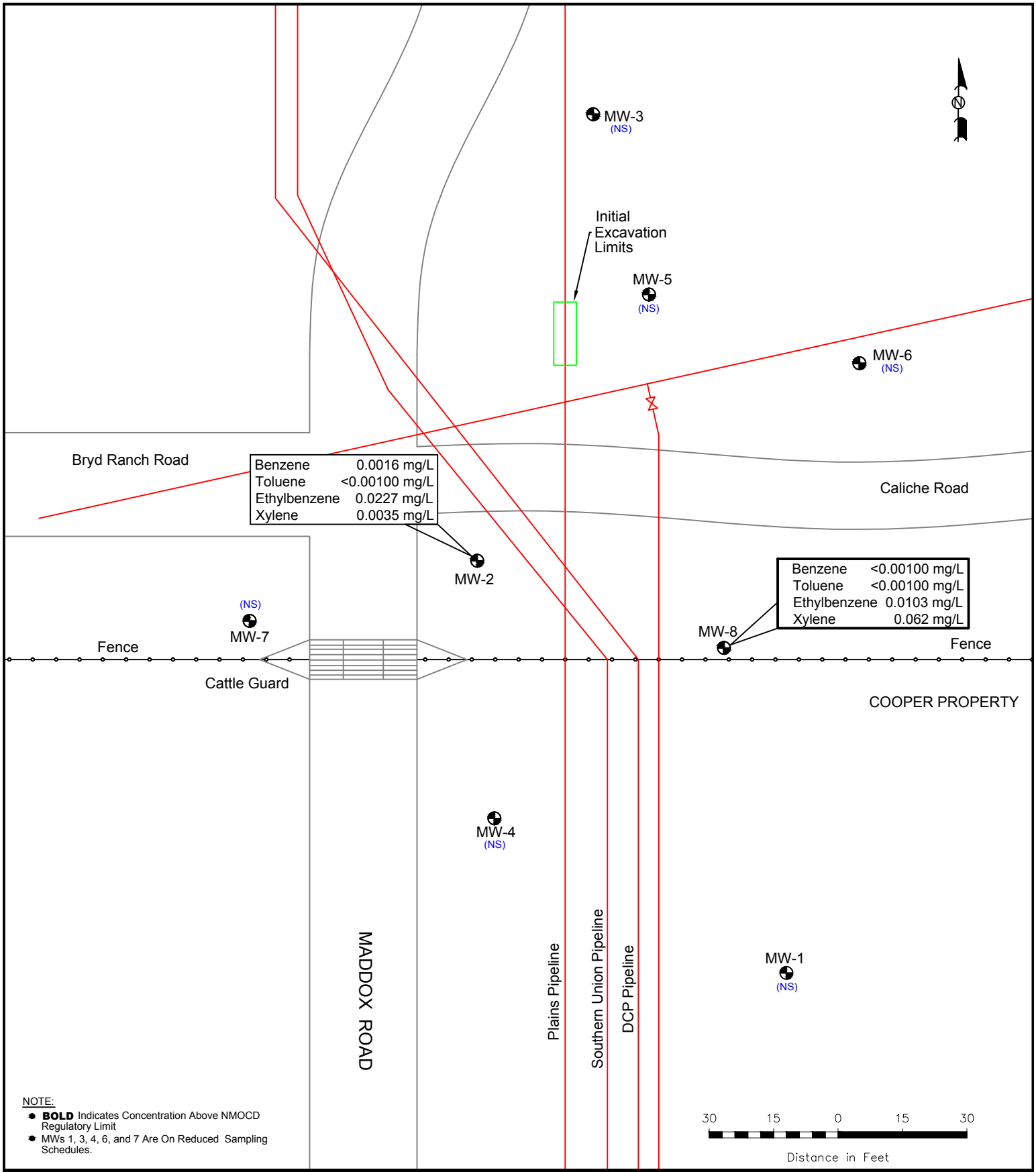


Figure 3B
Groundwater Concentration and Inferred PSH Extent (5/7/2013)
Plains Marketing, L.P.
Monument 2
Lea County, NM
NMOCD Reference # 1R-0110

NOVA safety and environmental
2057 Commerce Drive
Midland, Texas 79703
432.520.7720
www.novasafetyandenvironmental.com

June 19, 2013	Scale: 1" = 30'	CAD By: CAS	Checked By: RKR
Lat. N 32° 35' 42.4" Long. W 103° 17' 56.5"			



NOTE:
- **BOLD** Indicates Concentration Above NMOCD Regulatory Limit
- MWs 1, 3, 4, 6, and 7 Are On Reduced Sampling Schedules.

LEGEND:

Monitor Well Location (NS) Not Sampled

Pipeline

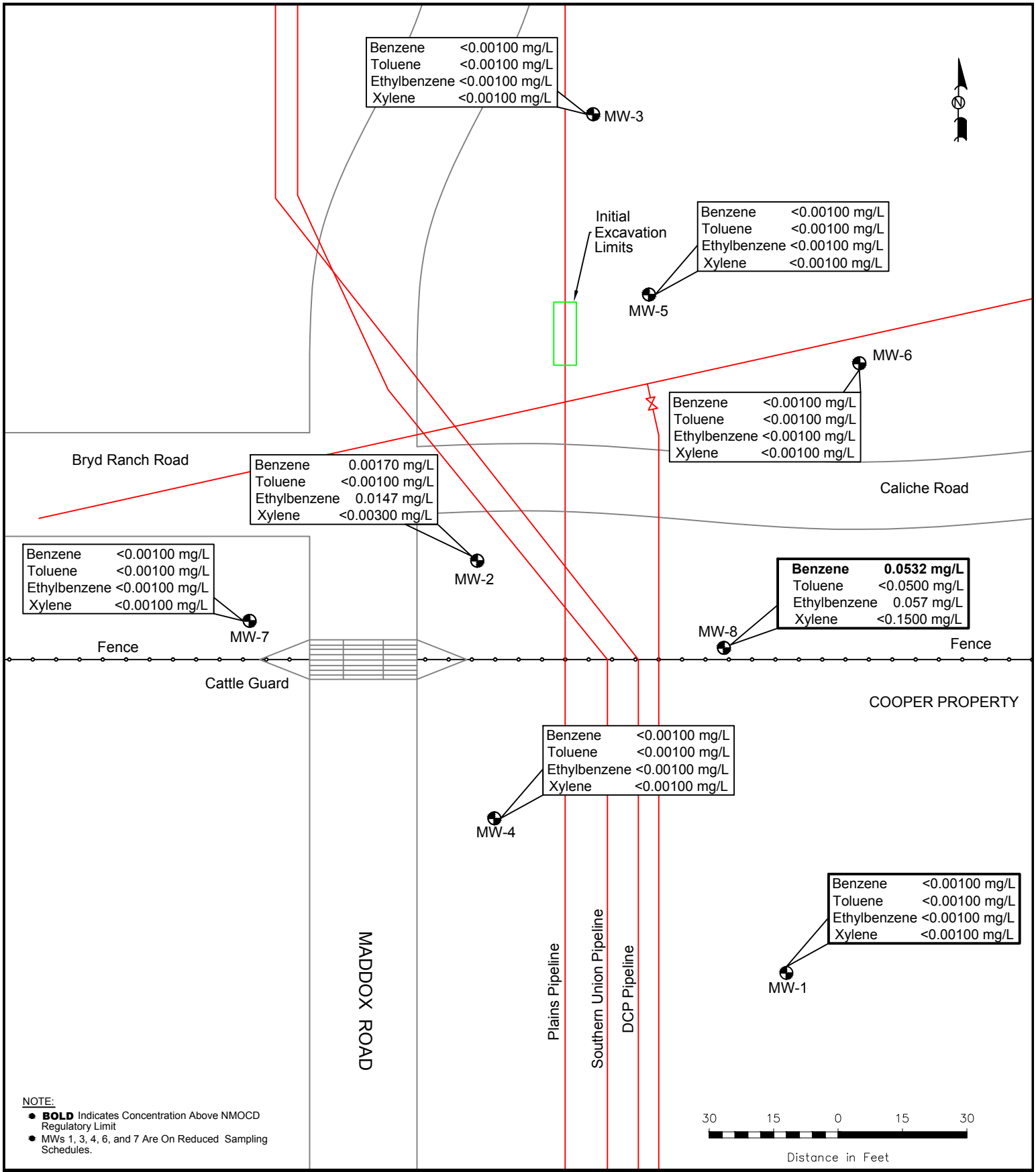
Fence

<0.001 Constituent Concentration (mg/L)

Figure 3C
Groundwater Concentration and Inferred PSH Extent (8/29/2013)
Plains Marketing, L.P.
Monument 2
Lea County, NM
NMOCD Reference # 1R-0110

NOVA safety and environmental
2057 Commerce Drive
Midland, Texas 79703
432.520.7720
www.novasafetyandenvironmental.com

September 26, 2013	Scale: 1" = 30'	CAD By: TA	Checked By: CJB
Lat. N 32° 35' 42.4" Long. W 103° 17' 56.5"			



NOTE:
- **BOLD** Indicates Concentration Above NMOCD Regulatory Limit
- MWs 1, 3, 4, 6, and 7 Are On Reduced Sampling Schedules.

LEGEND:
- Monitor Well Location (NS) Not Sampled
- Pipeline
- Fence
- <0.001 Constituent Concentration (mg/L)

Figure 3D
Groundwater Concentration and Inferred PSH Extent (11/13/2013)
Plains Marketing, L.P.
Monument 2
Lea County, NM
NMOCD Reference # 1R-0110

NOVA safety and environmental
2057 Commerce Drive
Midland, Texas 79703
432.520.7720
www.novasafetyandenvironmental.com

December 20, 2013	Scale: 1" = 30'	CAD By: TA	Checked By: CS

Lat. N 32° 35' 42.4" Long. W 103° 17' 56.5"

TABLE 1

GROUNDWATER ELEVATION DATA - 2013

PLAINS MARKETING, L.P.
MONUMENT 2
LEA COUNTY, NEW MEXICO
NMOCD Reference No. 1R-0110

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	*02/16/13*	3,560.60	-	33.06	0.00	3527.54
MW - 1	*05/07/13*	3,560.60	-	33.10	0.00	3527.50
MW - 1	*08/29/13*	3,560.60	-	33.28	0.00	3527.32
MW - 1	*11/13/13*	3,560.60	-	33.35	0.00	3527.25
MW - 2	02/06/13	3,561.14	-	33.24	0.00	3527.90
MW - 2	*02/16/13*	3,561.14	-	33.28	0.00	3527.86
MW - 2	04/03/13	3,561.14	-	33.32	0.00	3527.82
MW - 2	04/17/13	3,561.14	-	33.32	0.00	3527.82
MW - 2	*05/07/13*	3,561.14	-	33.34	0.00	3527.80
MW - 2	05/10/13	3,561.14	-	33.35	0.00	3527.79
MW - 2	05/30/13	3,561.14	-	33.34	0.00	3527.80
MW - 2	06/05/13	3,561.14	-	33.22	0.00	3527.92
MW - 2	06/18/13	3,561.14	-	33.37	0.00	3527.77
MW - 2	07/09/13	3,561.14	-	33.42	0.00	3527.72
MW - 2	07/25/13	3,561.14	-	33.46	0.00	3527.68
MW - 2	*08/29/13*	3,561.14	-	33.51	0.00	3527.63
MW - 2	08/30/13	3,561.14	-	33.51	0.00	3527.63
MW - 2	09/12/13	3,561.14	-	33.54	0.00	3527.60
MW - 2	09/19/13	3,561.14	-	33.63	0.00	3527.51
MW - 2	09/30/13	3,561.14	-	33.56	0.00	3527.58
MW - 2	10/15/13	3,561.14	-	33.60	0.00	3527.54
MW - 2	*11/13/13*	3,561.14	-	33.56	0.00	3527.58
MW - 2	12/20/13	3,561.14	-	33.68	0.00	3527.46
MW - 2	12/30/13	3,561.14	-	33.64	0.00	3527.50
MW - 3	*02/16/13*	3,560.39	-	32.23	0.00	3528.16
MW - 3	*05/07/13*	3,560.39	-	32.29	0.00	3528.10
MW - 3	*08/29/13*	3,560.39	-	32.47	0.00	3527.92
MW - 3	*11/13/13*	3,560.39	-	32.56	0.00	3527.83
MW - 4	*02/16/13*	3,561.08	-	33.40	0.00	3527.68
MW - 4	*05/07/13*	3,561.08	-	33.44	0.00	3527.64
MW - 4	*08/29/13*	3,561.08	-	33.62	0.00	3527.46
MW - 4	*11/13/13*	3,561.08	-	33.70	0.00	3527.38
MW - 5	*02/16/13*	3,560.20	-	32.20	0.00	3528.00
MW - 5	*05/07/13*	3,560.20	-	32.25	0.00	3527.95
MW - 5	*08/29/13*	3,560.20	-	32.43	0.00	3527.77
MW - 5	*11/13/13*	3,560.20	-	32.52	0.00	3527.68

TABLE 1

GROUNDWATER ELEVATION DATA - 2013

PLAINS MARKETING, L.P.
MONUMENT 2
LEA COUNTY, NEW MEXICO
NMOCD Reference No. 1R-0110

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 6	*02/16/13*	3,560.32	-	32.47	0.00	3527.85
MW - 6	*05/07/13*	3,560.32	-	32.50	0.00	3527.82
MW - 6	*08/29/13*	3,560.32	-	32.70	0.00	3527.62
MW - 6	*11/13/13*	3,560.32	-	32.77	0.00	3527.55
MW - 7	*02/16/13*	3,561.07	-	33.19	0.00	3527.88
MW - 7	*05/07/13*	3,561.07	-	33.21	0.00	3527.86
MW - 7	*08/29/13*	3,561.07	-	33.40	0.00	3527.67
MW - 7	*11/13/13*	3,561.07	-	33.47	0.00	3527.60
MW - 8	02/06/13	3561.07	-	33.15	0.00	3527.92
MW - 8	*02/16/13*	3561.07	-	33.16	0.00	3527.91
MW - 8	04/03/13	3561.07	-	33.22	0.00	3527.85
MW - 8	04/17/13	3561.07	-	33.21	0.00	3527.86
MW - 8	*05/07/13*	3561.07	-	33.21	0.00	3527.86
MW - 8	05/10/13	3561.07	-	33.24	0.00	3527.83
MW - 8	05/30/13	3561.07	-	33.27	0.00	3527.80
MW - 8	06/05/13	3561.07	-	33.26	0.00	3527.81
MW - 8	06/18/13	3561.07	-	33.30	0.00	3527.77
MW - 8	07/09/13	3561.07	-	33.33	0.00	3527.74
MW - 8	07/25/13	3561.07	33.31	33.39	0.08	3527.75
MW - 8	*08/29/13*	3561.07	33.38	33.39	0.01	3527.69
MW - 8	08/30/13	3561.07	-	33.41	0.00	3527.66
MW - 8	09/12/13	3561.07	-	33.47	0.00	3527.60
MW - 8	09/19/13	3561.07	-	33.47	0.00	3527.60
MW - 8	09/30/13	3561.07	-	33.41	0.00	3527.66
MW - 8	10/15/13	3561.07	-	33.45	0.00	3527.62
MW - 8	*11/13/13*	3561.07	-	33.45	0.00	3527.62
MW - 8	12/20/13	3561.07	33.49	33.51	0.02	3527.58
MW - 8	12/30/13	3561.07	33.5	33.51	0.01	3527.57

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER - 2013

PLAINS MARKETING, L.P.
MONUMENT 2
LEA COUNTY, NEW MEXICO
NMOCD Reference No. 1R-0110

All concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY LIMIT		0.01	0.750	0.750	0.620	
MW - 1	02/16/13	Not Sampled on Current Sample Schedule				
MW - 1	05/07/13	Not Sampled on Current Sample Schedule				
MW - 1	08/29/13	Not Sampled on Current Sample Schedule				
MW - 1	11/13/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 2	02/16/13	<0.00500	<0.00500	0.0341	<0.00500	
MW - 2	05/07/13	<0.00500	<0.00500	0.0235	0.0100	
MW - 2	08/29/13	0.00160	<0.00100	0.0227	0.0035	
MW - 2	11/13/13	0.00170	<0.00100	0.0147	<0.00300	
MW - 3	02/16/13	Not Sampled on Current Sample Schedule				
MW - 3	05/07/13	Not Sampled on Current Sample Schedule				
MW - 3	08/29/13	Not Sampled on Current Sample Schedule				
MW - 3	11/13/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 4	02/16/13	Not Sampled on Current Sample Schedule				
MW - 4	05/07/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 4	08/29/13	Not Sampled on Current Sample Schedule				
MW - 4	11/13/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 5	02/16/13	Not Sampled on Current Sample Schedule				
MW - 5	05/07/13	Not Sampled on Current Sample Schedule				
MW - 5	08/29/13	Not Sampled on Current Sample Schedule				
MW - 5	11/13/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	02/16/13	Not Sampled on Current Sample Schedule				
MW - 6	05/07/13	Not Sampled on Current Sample Schedule				
MW - 6	08/29/13	Not Sampled on Current Sample Schedule				
MW - 6	11/13/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 7	02/16/13	Not Sampled on Current Sample Schedule				
MW - 7	05/07/13	Not Sampled on Current Sample Schedule				
MW - 7	08/29/13	Not Sampled on Current Sample Schedule				
MW - 7	11/13/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	02/16/13	<0.00500	<0.00500	0.0883	0.132	
MW - 8	05/07/13	<0.00100	<0.00100	0.0684	0.100	
MW - 8	08/29/13	<0.00100	<0.00100	0.0103	0.062	
MW - 8	11/13/13	**0.0532**	<0.0500	0.0570	<0.150	

TABLE 3

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 2
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER 1R-0110

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		—	—	**0.001 mg/L**	**0.0001 mg/L**	**0.0007 mg/L**	**0.001 mg/L**	—	**0.001 mg/L**	**0.0002 mg/L**	**0.0003 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.0004 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.03 mg/L**			—
MW-1	11/04/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
	11/02/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000393
	11/03/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																		
	12/12/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/13/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/04/08	<0.000185	<0.000185	**0.0033**	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	**0.018**	<0.000185	**0.0236**	<0.000185	**0.019**	**0.0854**	**0.0387**	0.0143
	11/02/09	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	**0.0171**	<0.000926	**0.0112**	**0.0722**	**0.0324**	0.0102
	11/03/10	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.00338**	<0.000184	**0.00715**	<0.000184	**0.00605**	**0.0317**	**0.0105**	0.00399
	12/15/11	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.0146**	<0.000184	**0.00717**	**0.473**	**0.00835**	0.0085
	12/12/12	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	**0.00626**	<0.00100	<0.00100	0.0206	<0.00100	0.00556
	11/13/13	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	**0.00223**	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-3	11/04/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
	11/02/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.0206	<0.000184	<0.000184
	11/03/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/13/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4	11/04/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000698	<0.000184	<0.000184
	11/02/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
	11/03/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																		
	12/12/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/13/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/04/08	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	0.000968	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917
	11/02/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000857	<0.000184	<0.000184	0.000698	<0.000184	<0.000184
	11/03/10	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 3

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 2
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER 1R-0110

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		–	–	**0.001 mg/L**	**0.0001 mg/L**	**0.0007 mg/L**	**0.001 mg/L**	–	**0.001 mg/L**	**0.0002 mg/L**	**0.0003 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.0004 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.03 mg/L**			–
	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																		
	12/12/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/13/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/04/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
	11/02/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000698	<0.000184	<0.000184
	11/03/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																		
	12/12/12	Not Sampled as part of Quarterly Monitoring Event.																		
	12/12/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	11/04/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
	11/02/09	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
	11/03/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																		
	12/12/12	Not Sampled as part of Quarterly Monitoring Event.																		
	12/12/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/04/08	<0.000184	<0.000184	<0.000184	**0.00027**	<0.000184	<0.000184	<0.000184	<0.000184	**0.000421**	<0.000184	<0.000184	**0.00235**	<0.000184	**0.00287**	<0.000184	0.00578	0.0148	0.00568	0.00266
	11/02/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.00204**	<0.000184	0.00431	0.0113	0.00356	0.00184
	11/03/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/15/11	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.00298**	<0.000184	**0.0106**	**0.0214**	**0.0147**	0.00238
	12/12/12	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	**0.00558**	<0.00100	**0.0124**	**0.0283**	**0.0213**	0.00471
	11/13/13	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	**0.0192**	<0.000200	**0.0447**	**0.108**	<0.000200	<0.000200

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

OPERATOR

x Initial Report ☐ Final Report

Name of Company	Plains Pipeline, LP	Contact:	Camille Reynolds
Address:	3705 E. Hwy 158, Midland, TX 79706	Telephone No.	505-441-0965
Facility Name	Monument # 2	Facility Type:	Pipeline

Surface Owner:	Mineral Owner	Lease No.
BLM, Jim T Cooper		

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
M	6	20S	37E					Lea

Latitude 32 degrees, 35' 42.4" **Longitude** 32 degrees, 17' 56.5"

NATURE OF RELEASE

Type of Release:	Volume of Release:	Volume Recovered
Source of Release:	Date and Hour of Occurrence Unknown	Date and Hour of Discovery
Was Immediate Notice Given? Yes ☐ No ☐ Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

Describe Area Affected and Cleanup Action Taken.*
NOTE: Texas-New Mexico Pipeline was the owner/operator of the pipeline system at the time of the release, initial response information is unavailable.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature:	OIL CONSERVATION DIVISION	
Printed Name: Camille Reynolds	Approved by District Supervisor:	
Title: Remediation Coordinator	Approval Date:	Expiration Date:
E-mail Address: cjreynolds@paalp.com	Conditions of Approval:	Attached ☐
Date: 3/21/2005 Phone: (505)441-0965		

* Attach Additional Sheets If Necessary

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 2
LEA COUNTY, NEW MEXICO

WELL NUMBER	Field Tech	DATE MEASURED	CASING WELL ELEVATION	Total Well Depth	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1		04/30/97	-		-	28.63	0.00	
MW - 1		07/23/97	3,558.53		-	31.46	0.00	3527.07
MW - 1		10/07/97	3,558.53		-	31.57	0.00	3526.96
MW - 1		10/23/97	3,558.53		-	31.51	0.00	3527.02
MW - 1		12/03/97	3,558.53		-	31.57	0.00	3526.96
MW - 1		01/02/98	3,558.53		-	31.54	0.00	3526.99
MW - 1		01/07/98	3,558.53		-	31.54	0.00	3526.99
MW - 1		02/06/98	3,560.60		-	31.51	0.00	3529.09
MW - 1		03/04/98	3,560.60		-	31.50	0.00	3529.10
MW - 1		04/01/98	3,560.60		-	31.53	0.00	3529.07
MW - 1		02/28/00	3,560.60		-	32.65	0.00	3527.95
MW - 1		06/08/00	3,560.60		-	32.84	0.00	3527.76
MW - 1		09/18/00	3,560.60		-	33.05	0.00	3527.55
MW - 1		12/06/00	3,560.60		-	33.14	0.00	3527.46
MW - 1		03/08/01	3,560.60		-	33.05	0.00	3527.55
MW - 1		06/22/01	3,560.60		-	33.20	0.00	3527.40
MW - 1		09/18/01	3,560.60		-	33.45	0.00	3527.15
MW - 1		10/10/01	3,560.60		-	33.51	0.00	3527.09
MW - 1		02/28/02	3,560.60		-	33.51	0.00	3527.09
MW - 1		05/16/02	3,560.60		-	33.52	0.00	3527.08
MW - 1		09/16/02	3,560.60		-	33.82	0.00	3526.78
MW - 1		12/12/02	3,560.60		-	33.93	0.00	3526.67
MW - 1		06/17/03	3,560.60		-	34.10	0.00	3526.50
MW - 1		09/05/03	3,560.60		-	34.22	0.00	3526.38
MW - 1		12/16/03	3,560.60		-	34.18	0.00	3526.42
MW - 1		03/08/04	3,560.60		-	34.46	0.00	3526.14
MW - 1		05/25/04	3,560.60		-	34.32	0.00	3526.28
MW - 1		08/31/04	3,560.60		-	34.51	0.00	3526.09
MW - 1		12/13/04	3,560.60		-	33.33	0.00	3527.27
MW - 1		*03/11/05*	3,560.60		-	33.06	0.00	3527.54
MW - 1		*06/14/05*	3,560.60		-	33.64	0.00	3526.96
MW - 1		*09/13/05*	3,560.60		-	32.40	0.00	3528.20
MW - 1		12/07/05	3,560.60		-	32.12	0.00	3528.48
MW - 1		*12/14/05*	3,560.60		-	32.09	0.00	3528.51
MW - 1		*03/14/06*	3,560.60		-	31.90	0.00	3528.70
MW - 1		*06/16/06*	3,560.60		-	31.92	0.00	3528.68
MW - 1		*09/05/06*	3,560.60		-	31.97	0.00	3528.63
MW - 1		*11/14/06*	3,560.60		-	31.75	0.00	3528.85
MW - 1		*02/13/07*	3,560.60		-	31.64	0.00	3528.96
MW - 1		*05/10/07*	3,560.60		-	31.51	0.00	3529.09
MW - 1		*08/20/07*	3,560.60		-	31.58	0.00	3529.02
MW - 1		*11/02/07*	3,560.60		-	31.56	0.00	3529.04
MW - 1		*02/06/08*	3,560.60		-	31.50	0.00	3529.10
MW - 1		*05/06/08*	3,560.60		-	31.55	0.00	3529.05
MW - 1		*08/07/08*	3,560.60		-	31.86	0.00	3528.74
MW - 1		*11/04/08*	3,560.60		-	31.91	0.00	3528.69
MW - 1		*02/03/09*	3,560.60		-	31.87	0.00	3528.73
MW - 1		*05/06/09*	3,560.60		-	31.86	0.00	3528.74
MW - 1		*08/03/09*	3,560.60		-	32.17	0.00	3528.43
MW - 1		*11/02/09*	3,560.60		-	32.44	0.00	3528.16
MW - 1		01/07/10	3,560.60		-	32.42	0.00	3528.18

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 2
LEA COUNTY, NEW MEXICO

WELL NUMBER	Field Tech	DATE MEASURED	CASING WELL ELEVATION	Total Well Depth	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1		*02/02/10*	3,560.60		-	32.49	0.00	3528.11
MW - 1		*05/05/10*	3,560.60		-	32.50	0.00	3528.10
MW - 1		*08/04/10*	3,560.60		-	32.51	0.00	3528.09
MW - 1		*11/03/10*	3,560.60		-	32.51	0.00	3528.09
MW - 1		*02/08/11*	3,560.60		-	32.53	0.00	3528.07
MW - 1		*05/16/11*	3,560.60		-	32.52	0.00	3528.08
MW - 1		*08/09/11*	3,560.60		-	32.50	0.00	3528.10
MW - 1		*10/31/11*	3,560.60		-	32.64	0.00	3527.96
MW - 1		*02/09/12*	3,560.60		-	32.61	0.00	3527.99
MW - 1		*05/21/12*	3,560.60		-	32.72	0.00	3527.88
MW - 1		*08/03/12*	3,560.60		-	32.89	0.00	3527.71
MW - 1		*12/12/12*	3,560.60		-	33.05	0.00	3527.55
MW - 1		02/16/13	3,560.60		-	33.06	0.00	3527.54
MW - 1		05/07/13	3,560.60		-	33.10	0.00	3527.50
MW - 1		08/29/13	3,560.60		-	33.28	0.00	3527.32
MW - 1		11/13/13	3,560.60	38.01	-	33.35	0.00	3527.25
MW - 2		04/30/97	3,559.09		-	29.71	0.00	3529.38
MW - 2		07/23/97	3,559.09		-	34.28	0.00	3524.81
MW - 2		10/07/97	3,559.09		-	35.00	0.00	3524.09
MW - 2		10/23/97	3,559.09		-	35.02	0.00	3524.07
MW - 2		12/03/97	3,559.09		-	35.12	0.00	3523.97
MW - 2		12/17/97	3,559.09		-	33.02	0.00	3526.07
MW - 2		01/02/98	3,559.09		-	32.96	0.00	3526.13
MW - 2		01/07/98	3,559.09		-	32.36	0.00	3526.73
MW - 2		01/15/98	3,559.09		-	32.12	0.00	3526.97
MW - 2		01/20/98	3,559.09		-	32.01	0.00	3527.08
MW - 2		01/30/98	3,559.09		-	32.24	0.00	3526.85
MW - 2		02/06/98	3,561.14		-	32.22	0.00	3528.92
MW - 2		02/13/98	3,561.14		-	32.20	0.00	3528.94
MW - 2		02/21/98	3,561.14		-	32.20	0.00	3528.94
MW - 2		02/25/98	3,561.14		-	32.19	0.00	3528.95
MW - 2		03/04/98	3,561.14		-	32.14	0.00	3529.00
MW - 2		03/13/98	3,561.14		-	32.16	0.00	3528.98
MW - 2		03/17/98	3,561.14		-	32.03	0.00	3529.11
MW - 2		03/24/98	3,561.14		-	32.03	0.00	3529.11
MW - 2		03/31/98	3,561.14		-	32.04	0.00	3529.10
MW - 2		04/07/98	3,561.14		-	32.06	0.00	3529.08
MW - 2		04/17/98	3,561.14		-	32.12	0.00	3529.02
MW - 2		04/21/98	3,561.14		-	32.08	0.00	3529.06
MW - 2		04/28/98	3,561.14		-	32.05	0.00	3529.09
MW - 2		02/28/00	3,561.14		32.48	35.26	2.78	3528.24
MW - 2		06/08/00	3,561.14		32.66	35.39	2.73	3528.07
MW - 2		09/18/00	3,561.14		33.04	34.26	1.22	3527.92
MW - 2		12/06/00	3,561.14		33.26	34.12	0.86	3527.75
MW - 2		03/08/01	3,561.14		33.21	33.98	0.77	3527.81
MW - 2		06/22/01	3,561.14		32.22	32.69	0.47	3528.85
MW - 2		09/18/01	3,561.14		33.44	33.89	0.45	3527.63
MW - 2		10/10/01	3,561.14		34.00	33.60	-0.40	3527.20
MW - 2		02/28/02	3,561.14		33.64	34.65	1.01	3527.35
MW - 2		05/16/02	3,561.14		33.71	34.28	0.57	3527.34

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 2
LEA COUNTY, NEW MEXICO

WELL NUMBER	Field Tech	DATE MEASURED	CASING WELL ELEVATION	Total Well Depth	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2		0916/02	3,561.14		34.00	34.40	0.40	3527.08
MW - 2		12/12/02	3,561.14		34.03	35.15	1.12	3526.94
MW - 2		06/17/03	3,561.14		34.04	35.80	1.76	3526.84
MW - 2		09/05/03	3,561.14		34.25	35.97	1.72	3526.63
MW - 2		12/16/03	3,561.14		34.23	35.99	1.76	3526.65
MW - 2		03/08/04	3,561.14		34.42	36.03	1.61	3526.48
MW - 2		05/25/04	3,561.14		34.30	35.79	1.49	3526.62
MW - 2		08/31/04	3,561.14		33.46	36.06	2.60	3527.29
MW - 2		09/13/04	3,561.14		34.49	36.10	1.61	3526.41
MW - 2		09/21/04	3,561.14		35.10	35.65	0.55	3525.96
MW - 2		10/07/04	3,561.14		34.15	34.61	0.46	3526.92
MW - 2		10/14/04	3,561.14		33.84	34.15	0.31	3527.25
MW - 2		10/24/04	3,561.14		33.82	34.09	0.27	3527.28
MW - 2		10/28/04	3,561.14		33.94	34.10	0.16	3527.18
MW - 2		11/04/04	3,561.14		34.00	34.06	0.06	3527.13
MW - 2		11/11/04	3,561.14		sheen	34.00	0.00	3527.14
MW - 2		11/17/04	3,561.14		sheen	33.98	0.00	3527.16
MW - 2		11/30/04	3,561.14		sheen	32.68	0.00	3528.46
MW - 2		12/07/04	3,561.14		sheen	33.50	0.00	3527.64
MW - 2		12/13/04	3,561.14		-	33.49	0.00	3527.65
MW - 2		12/15/04	3,561.14		sheen	33.49	0.00	3527.65
MW - 2		12/28/04	3,561.14		sheen	33.49	0.00	3527.65
MW - 2		01/12/05	3,561.14		sheen	33.42	0.00	3527.72
MW - 2		01/19/05	3,561.14		sheen	33.40	0.00	3527.74
MW - 2		01/26/05	3,561.14		sheen	33.39	0.00	3527.75
MW - 2		02/01/05	3,561.14		sheen	33.38	0.00	3527.76
MW - 2		02/09/05	3,561.14		sheen	33.28	0.00	3527.86
MW - 2		02/16/05	3,561.14		sheen	33.33	0.00	3527.81
MW - 2		02/23/05	3,561.14		sheen	33.32	0.00	3527.82
MW - 2		03/02/05	3,561.14		sheen	33.29	0.00	3527.85
MW - 2		03/09/05	3,561.14		sheen	33.25	0.00	3527.89
MW - 2		*03/11/05*	3,561.14		sheen	33.25	0.00	3527.89
MW - 2		03/17/05	3,561.14		sheen	33.23	0.00	3527.91
MW - 2		03/23/05	3,561.14		sheen	32.27	0.00	3528.87
MW - 2		03/30/05	3,561.14		sheen	33.20	0.00	3527.94
MW - 2		04/06/05	3,561.14		sheen	33.20	0.00	3527.94
MW - 2		04/14/05	3,561.14		sheen	33.16	0.00	3527.98
MW - 2		05/24/05	3,561.14		sheen	32.93	0.00	3528.21
MW - 2		*06/14/05*	3,561.14		-	32.73	0.00	3528.41
MW - 2		06/22/05	3,561.14		sheen	32.75	0.00	3528.39
MW - 2		07/28/05	3,561.14		sheen	32.65	0.00	3528.49
MW - 2		08/24/05	3,561.14		sheen	32.58	0.00	3528.56
MW - 2		*09/13/05*	3,561.14		32.50	32.51	0.01	3528.64
MW - 2		09/30/05	3,561.14		-	32.40	0.00	3528.74
MW - 2		10/28/05	3,561.14		sheen	32.40	0.00	3528.74
MW - 2		11/17/05	3,561.14		sheen	32.29	0.00	3528.85
MW - 2		*12/14/05*	3,561.14		sheen	32.19	0.00	3528.95
MW - 2		12/30/05	3,561.14		sheen	32.15	0.00	3528.99
MW - 2		01/18/06	3,561.14		sheen	32.14	0.00	3529.00
MW - 2		02/17/06	3,561.14		sheen	32.06	0.00	3529.08
MW - 2		*03/14/06*	3,561.14		sheen	32.00	0.00	3529.14

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 2
LEA COUNTY, NEW MEXICO

WELL NUMBER	Field Tech	DATE MEASURED	CASING WELL ELEVATION	Total Well Depth	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2		03/24/06	3,561.14		sheen	32.00	0.00	3529.14
MW - 2		04/19/06	3,561.14		sheen	31.93	0.00	3529.21
MW - 2		05/24/06	3,561.14		sheen	31.93	0.00	3529.21
MW - 2		*06/16/06*	3,561.14		-	32.03	0.00	3529.11
MW - 2		07/12/06	3,561.14		32.10	32.14	0.04	3529.03
MW - 2		08/10/06	3,561.14		-	32.14	0.00	3529.00
MW - 2		*09/05/06*	3,561.14		-	32.13	0.00	3529.01
MW - 2		09/17/06	3,561.14		-	32.07	0.00	3529.07
MW - 2		10/03/06	3,561.14		-	32.10	0.00	3529.04
MW - 2		10/24/06	3,561.14		-	32.00	0.00	3529.14
MW - 2		*11/14/06*	3,561.14		-	31.91	0.00	3529.23
MW - 2		11/16/06	3,561.14		-	31.90	0.00	3529.24
MW - 2		*02/13/07*	3,561.14		-	31.74	0.00	3529.40
MW - 2		*05/10/07*	3,561.14		-	31.63	0.00	3529.51
MW - 2		*08/20/07*	3,561.14		-	31.73	0.00	3529.41
MW - 2		*11/02/07*	3,561.14		-	31.71	0.00	3529.43
MW - 2		*02/06/08*	3,561.14		-	31.68	0.00	3529.46
MW - 2		*05/06/08*	3,561.14		-	31.70	0.00	3529.44
MW - 2		*08/07/08*	3,561.14		-	32.69	0.00	3528.45
MW - 2		09/12/08	3,561.14		32.02	32.12	0.10	3529.11
MW - 2		09/25/08	3,561.14		32.10	32.12	0.02	3529.04
MW - 2		09/30/08	3,561.14		-	32.11	0.00	3529.03
MW - 2		10/07/08	3,561.14		-	32.14	0.00	3529.00
MW - 2		10/15/08	3,561.14		-	32.19	0.00	3528.95
MW - 2		10/22/08	3,561.14		-	32.17	0.00	3528.97
MW - 2		10/31/08	3,561.14		-	32.19	0.00	3528.95
MW - 2		*11/04/08*	3,561.14		-	32.11	0.00	3529.03
MW - 2		*11/07/08*	3,561.14		-	32.11	0.00	3529.03
MW - 2		11/14/08	3,561.14		-	32.12	0.00	3529.02
MW - 2		11/21/08	3,561.14		-	32.34	0.00	3528.80
MW - 2		11/24/08	3,561.14		-	32.05	0.00	3529.09
MW - 2		12/03/08	3,561.14		-	29.22	0.00	3531.92
MW - 2		12/16/08	3,561.14		-	32.07	0.00	3529.07
MW - 2		01/07/09	3,561.14		-	32.03	0.00	3529.11
MW - 2		01/16/09	3,561.14		-	32.09	0.00	3529.05
MW - 2		01/29/09	3,561.14		-	32.07	0.00	3529.07
MW - 2		*02/03/09*	3,561.14		-	32.11	0.00	3529.03
MW - 2		02/09/09	3,561.14		-	32.04	0.00	3529.10
MW - 2		02/17/09	3,561.14		-	32.03	0.00	3529.11
MW - 2		02/26/09	3,561.14		-	32.08	0.00	3529.06
MW - 2		03/02/09	3,561.14		-	32.03	0.00	3529.11
MW - 2		03/05/09	3,561.14		-	32.11	0.00	3529.03
MW - 2		03/09/09	3,561.14		-	32.14	0.00	3529.00
MW - 2		03/16/09	3,561.14		-	32.06	0.00	3529.08
MW - 2		03/18/09	3,561.14		-	32.16	0.00	3528.98
MW - 2		03/25/09	3,561.14		-	32.16	0.00	3528.98
MW - 2		03/27/09	3,561.14		32.01	32.16	0.15	3529.11
MW - 2		03/30/09	3,561.14		-	32.04	0.00	3529.10
MW - 2		04/06/09	3,561.14		-	32.13	0.00	3529.01
MW - 2		04/13/09	3,561.14		-	32.02	0.00	3529.12
MW - 2		04/16/09	3,561.14		-	32.06	0.00	3529.08

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 2
LEA COUNTY, NEW MEXICO

WELL NUMBER	Field Tech	DATE MEASURED	CASING WELL ELEVATION	Total Well Depth	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2		04/20/09	3,561.14		-	32.08	0.00	3529.06
MW - 2		04/23/09	3,561.14		-	32.03	0.00	3529.11
MW - 2		04/27/09	3,561.14		-	32.04	0.00	3529.10
MW - 2		04/30/09	3,561.14		-	32.08	0.00	3529.06
MW - 2		*05/06/09*	3,561.14		-	32.04	0.00	3529.10
MW - 2		05/21/09	3,561.14		-	32.11	0.00	3529.03
MW - 2		05/27/09	3,561.14		-	32.12	0.00	3529.02
MW - 2		06/04/09	3,561.14		-	32.16	0.00	3528.98
MW - 2		06/08/09	3,561.14		-	32.18	0.00	3528.96
MW - 2		06/11/09	3,561.14		-	32.14	0.00	3529.00
MW - 2		06/16/09	3,561.14		-	32.19	0.00	3528.95
MW - 2		06/22/09	3,561.14		-	32.24	0.00	3528.90
MW - 2		06/29/09	3,561.14		-	32.18	0.00	3528.96
MW - 2		07/02/09	3,561.14		-	32.36	0.00	3528.78
MW - 2		07/10/09	3,561.14		-	32.29	0.00	3528.85
MW - 2		07/15/09	3,561.14		-	32.18	0.00	3528.96
MW - 2		07/21/09	3,561.14		-	32.37	0.00	3528.77
MW - 2		07/29/09	3,561.14		-	32.17	0.00	3528.97
MW - 2		07/30/09	3,561.14			32.35	0.00	3528.79
MW - 2		*08/03/09*	3,561.14		-	32.38	0.00	3528.76
MW - 2		08/05/09	3,561.14		-	32.39	0.00	3528.75
MW - 2		08/07/09	3,561.14		-	32.42	0.00	3528.72
MW - 2		08/10/09	3,561.14		-	32.37	0.00	3528.77
MW - 2		08/19/09	3,561.14		-	32.43	0.00	3528.71
MW - 2		08/27/09	3,561.14		-	32.46	0.00	3528.68
MW - 2		08/31/09	3,561.14		-	32.47	0.00	3528.67
MW - 2		09/11/09	3,561.14		-	32.51	0.00	3528.63
MW - 2		09/17/09	3,561.14		-	32.58	0.00	3528.56
MW - 2		09/24/09	3,561.14		-	32.55	0.00	3528.59
MW - 2		09/29/09	3,561.14		-	32.61	0.00	3528.53
MW - 2		09/30/09	3,561.14		-	32.53	0.00	3528.61
MW - 2		10/06/09	3,561.14		-	32.63	0.00	3528.51
MW - 2		10/20/09	3,561.14		sheen	32.57	0.00	3528.57
MW - 2		10/27/09	3,561.14		-	32.64	0.00	3528.50
MW - 2		*11/02/09*	3,561.14		sheen	32.68	0.00	3528.46
MW - 2		11/05/09	3,561.14		sheen	32.61	0.00	3528.53
MW - 2		11/20/09	3,561.14		sheen	32.63	0.00	3528.51
MW - 2		12/04/09	3,561.14		sheen	32.65	0.00	3528.49
MW - 2		12/14/09	3,561.14		-	32.46	0.00	3528.68
MW - 2		01/07/10	3,561.14		sheen	32.76	0.00	3528.38
MW - 2		01/21/10	3,561.14		sheen	32.67	0.00	3528.47
MW - 2		*02/02/10*	3,561.14		-	32.79	0.00	3528.35
MW - 2		03/01/10	3,561.14		sheen	32.77	0.00	3528.37
MW - 2		03/16/10	3,561.14		sheen	32.67	0.00	3528.47
MW - 2		04/16/10	3,561.14		sheen	32.79	0.00	3528.35
MW - 2		*05/05/10*	3,561.14		sheen	32.74	0.00	3528.40
MW - 2		05/27/10	3,561.14		sheen	32.72	0.00	3528.42
MW - 2		06/07/10	3,561.14		sheen	32.88	0.00	3528.26
MW - 2		06/25/10	3,561.14		-	32.46	0.00	3528.68
MW - 2		07/16/10	3,561.14		sheen	32.76	0.00	3528.38
MW - 2		07/30/10	3,561.14		sheen	32.69	0.00	3528.45

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 2
LEA COUNTY, NEW MEXICO

WELL NUMBER	Field Tech	DATE MEASURED	CASING WELL ELEVATION	Total Well Depth	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2		*08/04/10*	3,561.14		sheen	32.69	0.00	3528.45
MW - 2		08/20/10	3,561.14		sheen	32.58	0.00	3528.56
MW - 2		09/10/10	3,561.14		sheen	32.68	0.00	3528.46
MW - 2		09/24/10	3,561.14		sheen	32.53	0.00	3528.61
MW - 2		10/08/10	3,561.14		sheen	32.56	0.00	3528.58
MW - 2		*11/03/10*	3,561.14		sheen	32.73	0.00	3528.41
MW - 2		12/03/10	3,561.14		sheen	32.44	0.00	3528.70
MW - 2		12/16/10	3,561.14		sheen	32.61	0.00	3528.53
MW - 2		*02/08/11*	3,561.14		sheen	32.75	0.00	3528.39
MW - 2		*05/16/11*	3,561.14		sheen	32.75	0.00	3528.39
MW - 2		05/19/11	3,561.14		-	32.30	0.00	3528.84
MW - 2		05/27/11	3,561.14		-	32.41	0.00	3528.73
MW - 2		06/10/11	3,561.14		-	32.37	0.00	3528.77
MW - 2		06/24/11	3,561.14		-	32.41	0.00	3528.73
MW - 2		07/01/11	3,561.14		-	32.45	0.00	3528.69
MW - 2		07/22/11	3,561.14		-	32.43	0.00	3528.71
MW - 2		*08/09/11*	3,561.14		-	32.43	0.00	3528.71
MW - 2		08/15/11	3,561.14		-	32.84	0.00	3528.30
MW - 2		08/22/11	3,561.14		-	32.63	0.00	3528.51
MW - 2		09/12/11	3,561.14		-	32.82	0.00	3528.32
MW - 2		*10/31/11*	3,561.14		-	32.80	0.00	3528.34
MW - 2		12/07/11	3,561.14		-	32.32	0.00	3528.82
MW - 2		12/23/11	3,561.14		-	32.86	0.00	3528.28
MW - 2		12/27/11	3,561.14		-	32.83	0.00	3528.31
MW - 2		01/18/12	3,561.14		-	32.80	0.00	3528.34
MW - 2		*02/09/12*	3,561.14		-	32.82	0.00	3528.32
MW - 2		02/13/12	3,561.14		-	32.69	0.00	3528.45
MW - 2		03/02/12	3,561.14		-	32.85	0.00	3528.29
MW - 2		04/09/12	3,561.14		-	32.86	0.00	3528.28
MW - 2		*05/21/12*	3,561.14		-	32.90	0.00	3528.24
MW - 2		06/11/12	3,561.14		-	32.91	0.00	3528.23
MW - 2		06/25/12	3,561.14		-	32.88	0.00	3528.26
MW - 2		07/09/12	3,561.14		-	33.00	0.00	3528.14
MW - 2		*08/03/12*	3,561.14		-	33.07	0.00	3528.07
MW - 2		*08/15/12*	3,561.14		-	33.15	0.00	3527.99
MW - 2		*08/21/12*	3,561.14		-	33.17	0.00	3527.97
MW - 2		*09/04/12*	3,561.14		-	33.17	0.00	3527.97
MW - 2		*09/24/12*	3,561.14		-	33.24	0.00	3527.90
MW - 2		*10/08/12*	3,561.14		-	33.24	0.00	3527.90
MW - 2		*10/22/12*	3,561.14		-	33.14	0.00	3528.00
MW - 2		*11/29/12*	3,561.14		-	33.31	0.00	3527.83
MW - 2		*12/12/12*	3,561.14		-	33.24	0.00	3527.90
MW - 2		*12/17/12*	3,561.14		-	33.28	0.00	3527.86
MW - 2		02/06/13	3,561.14		-	33.24	0.00	3527.90
MW - 2		*02/16/13*	3,561.14		-	33.28	0.00	3527.86
MW - 2		*04/03/13*	3,561.14		-	33.32	0.00	3527.82
MW - 2		*04/17/13*	3,561.14		-	33.32	0.00	3527.82
MW - 2		*05/07/13*	3,561.14		-	33.34	0.00	3527.80
MW - 2		*05/10/13*	3,561.14		-	33.35	0.00	3527.79
MW - 2		05/30/13	3,561.14		-	33.34	0.00	3527.80
MW - 2		06/05/13	3,561.14		-	33.22	0.00	3527.92

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 2
LEA COUNTY, NEW MEXICO

WELL NUMBER	Field Tech	DATE MEASURED	CASING WELL ELEVATION	Total Well Depth	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2		06/18/13	3,561.14		-	33.37	0.00	3527.77
MW - 2		07/09/13	3,561.14		-	33.42	0.00	3527.72
MW - 2		07/25/13	3,561.14		-	33.46	0.00	3527.68
MW - 2		*08/29/13*	3,561.14	36.98	-	33.51	0.00	3527.63
MW - 2		08/30/13	3,561.14		-	33.51	0.00	3527.63
MW - 2		09/12/13	3,561.14		-	33.54	0.00	3527.60
MW - 2		09/19/13	3,561.14		-	33.63	0.00	3527.51
MW - 2		09/30/13	3,561.14		-	33.56	0.00	3527.58
MW - 2		10/15/13	3,561.14		-	33.60	0.00	3527.54
MW - 2		11/13/13	3,561.14	36.97	-	33.56	0.00	3527.58
MW - 2		12/20/13	3,561.14		-	33.68	0.00	3527.46
MW - 2		12/30/13	3,561.14		-	33.64	0.00	3527.50
MW - 3		04/30/97	3,558.35		-	26.47	0.00	3531.88
MW - 3		07/23/97	3,558.35		-	30.61	0.00	3527.74
MW - 3		10/07/97	3,558.35		-	30.74	0.00	3527.61
MW - 3		10/23/97	3,558.35		-	30.69	0.00	3527.66
MW - 3		12/03/97	3,558.35		-	30.74	0.00	3527.61
MW - 3		01/02/98	3,558.35		-	30.72	0.00	3527.63
MW - 3		01/07/98	3,558.35		-	30.71	0.00	3527.64
MW - 3		02/06/98	3,560.39		-	30.71	0.00	3529.68
MW - 3		03/04/98	3,560.39		-	30.69	0.00	3529.70
MW - 3		04/01/98	3,560.39		-	30.69	0.00	3529.70
MW - 3		02/28/00	3,560.39		-	31.80	0.00	3528.59
MW - 3		06/08/00	3,560.39		-	31.96	0.00	3528.43
MW - 3		09/18/00	3,560.39		-	32.18	0.00	3528.21
MW - 3		12/06/00	3,560.39		-	32.28	0.00	3528.11
MW - 3		03/08/01	3,560.39		-	32.24	0.00	3528.15
MW - 3		06/22/01	3,560.39		-	32.35	0.00	3528.04
MW - 3		09/18/01	3,560.39		-	32.56	0.00	3527.83
MW - 3		10/10/01	3,560.39		-	32.61	0.00	3527.78
MW - 3		02/28/02	3,560.39		-	32.63	0.00	3527.76
MW - 3		05/16/02	3,560.39		-	32.68	0.00	3527.71
MW - 3		09/16/02	3,560.39		-	32.92	0.00	3527.47
MW - 3		12/12/02	3,560.39		-	33.09	0.00	3527.30
MW - 3		06/17/03	3,560.39		-	33.25	0.00	3527.14
MW - 3		09/05/03	3,560.39		-	33.41	0.00	3526.98
MW - 3		12/16/03	3,560.39		-	33.37	0.00	3527.02
MW - 3		03/08/04	3,560.39		-	33.61	0.00	3526.78
MW - 3		05/25/04	3,560.39		-	37.42	0.00	3522.97
MW - 3		08/31/04	3,560.39		-	33.66	0.00	3526.73
MW - 3		12/07/04	3,560.39		-	33.51	0.00	3526.88
MW - 3		12/13/04	3,560.39		-	32.45	0.00	3527.94
MW - 3		12/28/04	3,560.39		-	33.40	0.00	3526.99
MW - 3		*03/11/05*	3,560.39		-	32.15	0.00	3528.24
MW - 3		*06/14/05*	3,560.39		-	31.67	0.00	3528.72
MW - 3		*09/13/05*	3,560.39		-	31.41	0.00	3528.98
MW - 3		12/07/05	3,560.39		-	31.13	0.00	3529.26
MW - 3		*12/14/05*	3,560.39		-	31.09	0.00	3529.30
MW - 3		*03/14/06*	3,560.39		-	30.91	0.00	3529.48
MW - 3		*06/16/06*	3,560.39		-	30.93	0.00	3529.46

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 2
LEA COUNTY, NEW MEXICO

WELL NUMBER	Field Tech	DATE MEASURED	CASING WELL ELEVATION	Total Well Depth	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 3		*09/05/06*	3,560.39		-	31.02	0.00	3529.37
MW - 3		*11/14/06*	3,560.39		-	30.78	0.00	3529.61
MW - 3		*02/13/07*	3,560.39		-	30.68	0.00	3529.71
MW - 3		*05/10/07*	3,560.39		-	30.51	0.00	3529.88
MW - 3		*08/20/07*	3,560.39		-	30.64	0.00	3529.75
MW - 3		*11/02/07*	3,560.39		-	30.64	0.00	3529.75
MW - 3		*02/06/08*	3,560.39		-	30.60	0.00	3529.79
MW - 3		*05/06/08*	3,560.39		-	30.68	0.00	3529.71
MW - 3		08/05/08	3,560.39		-	30.98	0.00	3529.41
MW - 3		*08/07/08*	3,560.39		-	30.98	0.00	3529.41
MW - 3		*11/04/08*	3,560.39		-	31.06	0.00	3529.33
MW - 3		*02/03/09*	3,560.39		-	31.02	0.00	3529.37
MW - 3		*05/06/09*	3,560.39		-	31.01	0.00	3529.38
MW - 3		*08/03/09*	3,560.39		-	31.33	0.00	3529.06
MW - 3		*11/02/09*	3,560.39		-	31.59	0.00	3528.80
MW - 3		01/07/10	3,560.39		-	31.57	0.00	3528.82
MW - 3		*02/02/10*	3,560.39		-	31.64	0.00	3528.75
MW - 3		*05/05/10*	3,560.39		-	31.62	0.00	3528.77
MW - 3		*08/04/10*	3,560.39		-	31.62	0.00	3528.77
MW - 3		*11/03/10*	3,560.39		-	31.61	0.00	3528.78
MW - 3		*02/08/11*	3,560.39		-	31.61	0.00	3528.78
MW - 3		*05/16/11*	3,560.39		-	31.61	0.00	3528.78
MW - 3		*08/09/11*	3,560.39		-	31.58	0.00	3528.81
MW - 3		*10/31/11*	3,560.39		-	31.72	0.00	3528.67
MW - 3		*02/09/12*	3,560.39		-	31.76	0.00	3528.63
MW - 3		*05/21/12*	3,560.39		-	31.89	0.00	3528.50
MW - 3		*08/03/12*	3,560.39		-	32.02	0.00	3528.37
MW - 3		*12/12/12*	3,560.39		-	32.21	0.00	3528.18
MW - 3		02/16/13	3,560.39		-	32.23	0.00	3528.16
MW - 3		05/07/13	3,560.39		-	32.29	0.00	3528.10
MW - 3		08/29/13	3,560.39		-	32.47	0.00	3527.92
MW - 3		11/13/13	3,560.39	37.19	-	32.56	0.00	3527.83
MW - 4		09/17/97	3,559.03		-	31.87	0.00	3527.16
MW - 4		10/07/97	3,559.03		-	31.90	0.00	3527.13
MW - 4		10/23/97	3,559.03		-	31.85	0.00	3527.18
MW - 4		12/03/97	3,559.03		-	31.90	0.00	3527.13
MW - 4		01/02/98	3,559.03		-	31.87	0.00	3527.16
MW - 4		01/07/98	3,559.03		-	31.87	0.00	3527.16
MW - 4		02/06/98	3,561.08		-	31.84	0.00	3529.24
MW - 4		03/04/98	3,561.08		-	31.84	0.00	3529.24
MW - 4		04/01/98	3,561.08		-	31.87	0.00	3529.21
MW - 4		02/28/00	3,561.08		-	32.95	0.00	3528.13
MW - 4		06/08/00	3,561.08		-	33.13	0.00	3527.95
MW - 4		09/18/00	3,561.08		-	33.33	0.00	3527.75
MW - 4		12/06/00	3,561.08		-	33.45	0.00	3527.63
MW - 4		03/08/01	3,561.08		-	33.34	0.00	3527.74
MW - 4		06/22/01	3,561.08		-	33.50	0.00	3527.58
MW - 4		09/18/01	3,561.08		-	33.74	0.00	3527.34
MW - 4		10/10/01	3,561.08		-	33.80	0.00	3527.28
MW - 4		02/28/02	3,561.08		-	33.84	0.00	3527.24

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 2
LEA COUNTY, NEW MEXICO

WELL NUMBER	Field Tech	DATE MEASURED	CASING WELL ELEVATION	Total Well Depth	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4		05/16/02	3,561.08		-	33.83	0.00	3527.25
MW - 4		09/16/02	3,561.08		-	34.10	0.00	3526.98
MW - 4		12/12/02	3,561.08		-	34.28	0.00	3526.80
MW - 4		06/17/03	3,561.08		-	34.39	0.00	3526.69
MW - 4		09/05/03	3,561.08		-	34.59	0.00	3526.49
MW - 4		12/16/03	3,561.08		-	34.56	0.00	3526.52
MW - 4		03/08/04	3,561.08		-	34.77	0.00	3526.31
MW - 4		05/25/04	3,561.08		-	34.64	0.00	3526.44
MW - 4		08/31/04	3,561.08		-	34.77	0.00	3526.31
MW - 4		12/13/04	3,561.08		-	33.59	0.00	3527.49
MW - 4		*03/11/05*	3,561.08		-	33.37	0.00	3527.71
MW - 4		*06/14/05*	3,561.08		-	32.92	0.00	3528.16
MW - 4		*09/13/05*	3,561.08		-	32.68	0.00	3528.40
MW - 4		12/07/05	3,561.08		-	32.40	0.00	3528.68
MW - 4		*12/14/05*	3,561.08		-	32.36	0.00	3528.72
MW - 4		*03/14/06*	3,561.08		-	32.18	0.00	3528.90
MW - 4		*06/16/06*	3,561.08		-	32.21	0.00	3528.87
MW - 4		*09/05/06*	3,561.08		-	32.26	0.00	3528.82
MW - 4		10/24/06	3,561.08		-	32.10	0.00	3528.98
MW - 4		*11/14/06*	3,561.08		-	32.03	0.00	3529.05
MW - 4		*02/13/07*	3,561.08		-	31.85	0.00	3529.23
MW - 4		*05/10/07*	3,561.08		-	31.74	0.00	3529.34
MW - 4		*08/20/07*	3,561.08		-	31.87	0.00	3529.21
MW - 4		*11/02/07*	3,561.08		-	31.87	0.00	3529.21
MW - 4		*02/06/08*	3,561.08		-	31.81	0.00	3529.27
MW - 4		*05/06/08*	3,561.08		-	31.87	0.00	3529.21
MW - 4		*08/07/08*	3,561.08		-	32.12	0.00	3528.96
MW - 4		*11/04/08*	3,561.08		-	32.22	0.00	3528.86
MW - 4		*02/03/09*	3,561.08		-	32.23	0.00	3528.85
MW - 4		*05/06/09*	3,561.08		-	32.19	0.00	3528.89
MW - 4		*08/03/09*	3,561.08		-	32.50	0.00	3528.58
MW - 4		*11/02/09*	3,561.08		-	32.76	0.00	3528.32
MW - 4		01/07/10	3,561.08		-	32.71	0.00	3528.37
MW - 4		*02/02/10*	3,561.08		-	32.83	0.00	3528.25
MW - 4		*05/05/10*	3,561.08		-	32.87	0.00	3528.21
MW - 4		*08/04/10*	3,561.08		-	32.87	0.00	3528.21
MW - 4		*11/03/10*	3,561.08		-	32.86	0.00	3528.22
MW - 4		*02/08/11*	3,561.08		-	32.61	0.00	3528.47
MW - 4		*05/16/11*	3,561.08		-	32.64	0.00	3528.44
MW - 4		*08/09/11*	3,561.08		-	32.64	0.00	3528.44
MW - 4		*10/31/11*	3,561.08		-	32.94	0.00	3528.14
MW - 4		*02/09/12*	3,561.08		-	32.94	0.00	3528.14
MW - 4		*05/21/12*	3,561.08		-	33.06	0.00	3528.02
MW - 4		*08/03/12*	3,561.08		-	33.22	0.00	3527.86
MW - 4		*12/12/12*	3,561.08		-	33.38	0.00	3527.70
MW - 4		02/16/13	3,561.08		-	33.40	0.00	3527.68
MW - 4		*05/07/13*	3,561.08		-	33.44	0.00	3527.64
MW - 4		08/29/13	3,561.08		-	33.62	0.00	3527.46
MW - 4		11/13/13	3,561.08	41.00	-	33.70	0.00	3527.38
MW - 5		09/17/97	3,558.16		-	30.68	0.00	3527.48

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 2
LEA COUNTY, NEW MEXICO

WELL NUMBER	Field Tech	DATE MEASURED	CASING WELL ELEVATION	Total Well Depth	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 5		10/07/97	3,558.16		-	30.72	0.00	3527.44
MW - 5		10/23/97	3,558.16		-	30.65	0.00	3527.51
MW - 5		12/03/97	3,558.16		-	30.70	0.00	3527.46
MW - 5		01/02/98	3,558.16		-	30.68	0.00	3527.48
MW - 5		01/07/98	3,558.16		-	30.67	0.00	3527.49
MW - 5		02/06/98	3,560.20		-	30.66	0.00	3529.54
MW - 5		03/04/98	3,560.20		-	30.65	0.00	3529.55
MW - 5		04/01/98	3,560.20		-	30.68	0.00	3529.52
MW - 5		02/28/00	3,560.20		31.81	31.82	0.01	3528.39
MW - 5		06/08/00	3,560.20		31.98	32.00	0.02	3528.22
MW - 5		09/18/00	3,560.20		32.16	32.21	0.05	3528.03
MW - 5		12/06/00	3,560.20		32.32	32.33	0.01	3527.88
MW - 5		03/08/01	3,560.20		32.28	32.29	0.01	3527.92
MW - 5		06/22/01	3,560.20		32.43	32.44	0.01	3527.77
MW - 5		09/18/01	3,560.20		32.68	32.69	0.01	3527.52
MW - 5		10/10/01	3,560.20		32.6	32.68	0.08	3527.59
MW - 5		02/28/02	3,560.20		32.71	32.72	0.01	3527.49
MW - 5		05/16/02	3,560.20		32.74	32.74	0.00	3527.46
MW - 5		09/16/02	3,560.20		-	33.02	0.00	3527.18
MW - 5		12/12/02	3,560.20		-	33.14	0.00	3527.06
MW - 5		06/17/03	3,560.20		-	33.40	0.00	3526.80
MW - 5		09/05/03	3,560.20		33.39	33.75	0.36	3526.76
MW - 5		12/16/03	3,560.20		33.52	33.87	0.35	3526.63
MW - 5		03/08/04	3,560.20		33.54	33.97	0.43	3526.60
MW - 5		05/25/04	3,560.20		33.43	33.69	0.26	3526.73
MW - 5		08/31/04	3,560.20		33.59	33.92	0.33	3526.56
MW - 5		09/13/04	3,560.20		33.60	34.02	0.42	3526.54
MW - 5		09/13/04	3,560.20		33.60	34.02	0.42	3526.54
MW - 5		09/21/04	3,560.20		33.64	33.94	0.30	3526.52
MW - 5		10/07/04	3,560.20		sheen	33.20	0.00	3527.00
MW - 5		10/14/04	3,560.20		sheen	32.85	0.00	3527.35
MW - 5		10/24/04	3,560.20		sheen	32.88	0.00	3527.32
MW - 5		10/28/04	3,560.20		sheen	32.81	0.00	3527.39
MW - 5		11/04/04	3,560.20		sheen	32.93	0.00	3527.27
MW - 5		11/11/04	3,560.20		sheen	32.93	0.00	3527.27
MW - 5		11/17/04	3,560.20		sheen	32.92	0.00	3527.28
MW - 5		11/30/04	3,560.20		sheen	32.64	0.00	3527.56
MW - 5		12/07/04	3,560.20		sheen	32.50	0.00	3527.70
MW - 5		12/13/04	3,560.20		-	32.46	0.00	3527.74
MW - 5		12/15/04	3,560.20		sheen	32.46	0.00	3527.74
MW - 5		12/28/04	3,560.20		sheen	32.43	0.00	3527.77
MW - 5		01/12/05	3,560.20		sheen	32.39	0.00	3527.81
MW - 5		01/19/05	3,560.20		sheen	32.36	0.00	3527.84
MW - 5		01/26/05	3,560.20		sheen	32.34	0.00	3527.86
MW - 5		02/01/05	3,560.20		sheen	32.33	0.00	3527.87
MW - 5		02/09/05	3,560.20		sheen	32.32	0.00	3527.88
MW - 5		02/16/05	3,560.20		sheen	32.29	0.00	3527.91
MW - 5		02/23/05	3,560.20		sheen	32.25	0.00	3527.95
MW - 5		03/02/05	3,560.20		sheen	32.23	0.00	3527.97
MW - 5		03/09/05	3,560.20		sheen	32.22	0.00	3527.98
MW - 5		*03/11/05*	3,560.20		sheen	32.20	0.00	3528.00

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 2
LEA COUNTY, NEW MEXICO

WELL NUMBER	Field Tech	DATE MEASURED	CASING WELL ELEVATION	Total Well Depth	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 5		03/17/05	3,560.20		sheen	32.19	0.00	3528.01
MW - 5		03/23/05	3,560.20		sheen	32.19	0.00	3528.01
MW - 5		03/30/05	3,560.20		sheen	32.10	0.00	3528.10
MW - 5		04/06/05	3,560.20		sheen	32.08	0.00	3528.12
MW - 5		04/14/05	3,560.20		sheen	32.03	0.00	3528.17
MW - 5		05/24/05	3,560.20		sheen	31.81	0.00	3528.39
MW - 5		*06/14/05*	3,560.20		sheen	31.68	0.00	3528.52
MW - 5		06/22/05	3,560.20		sheen	31.69	0.00	3528.51
MW - 5		07/28/05	3,560.20		sheen	31.59	0.00	3528.61
MW - 5		08/24/05	3,560.20		sheen	31.51	0.00	3528.69
MW - 5		*09/13/05*	3,560.20		31.39	31.40	0.01	3528.81
MW - 5		09/30/05	3,560.20		-	31.35	0.00	3528.85
MW - 5		10/28/05	3,560.20		sheen	31.31	0.00	3528.89
MW - 5		11/17/05	3,560.20		sheen	31.22	0.00	3528.98
MW - 5		12/07/05	3,560.20		-	31.15	0.00	3529.05
MW - 5		*12/14/05*	3,560.20		sheen	31.12	0.00	3529.08
MW - 5		12/30/05	3,560.20		sheen	31.10	0.00	3529.10
MW - 5		01/18/06	3,560.20		sheen	31.06	0.00	3529.14
MW - 5		02/17/06	3,560.20		sheen	31.00	0.00	3529.20
MW - 5		*03/14/06*	3,560.20		sheen	30.92	0.00	3529.28
MW - 5		03/24/06	3,560.20		sheen	30.95	0.00	3529.25
MW - 5		04/19/06	3,560.20		sheen	30.86	0.00	3529.34
MW - 5		05/24/06	3,560.20		sheen	30.88	0.00	3529.32
MW - 5		*06/16/06*	3,560.20		-	30.96	0.00	3529.24
MW - 5		07/12/06	3,560.20		sheen	31.04	0.00	3529.16
MW - 5		08/10/06	3,560.20		-	31.09	0.00	3529.11
MW - 5		*09/05/06*	3,560.20		-	31.04	0.00	3529.16
MW - 5		09/17/06	3,560.20		-	30.99	0.00	3529.21
MW - 5		10/03/06	3,560.20		sheen	31.04	0.00	3529.16
MW - 5		10/24/06	3,560.20		sheen	30.90	0.00	3529.30
MW - 5		*11/14/06*	3,560.20		30.8	30.81	0.01	3529.40
MW - 5		11/16/06	3,560.20		sheen	30.84	0.00	3529.36
MW - 5		*02/13/07*	3,560.20		sheen	30.62	0.00	3529.58
MW - 5		*05/10/07*	3,560.20		-	30.53	0.00	3529.67
MW - 5		*08/20/07*	3,560.20		-	30.63	0.00	3529.57
MW - 5		*11/02/07*	3,560.20		-	30.63	0.00	3529.57
MW - 5		*02/06/08*	3,560.20		-	30.63	0.00	3529.57
MW - 5		*05/06/08*	3,560.20		-	30.65	0.00	3529.55
MW - 5		*08/07/08*	3,560.20		-	30.94	0.00	3529.26
MW - 5		09/12/08	3,560.20		-	31.04	0.00	3529.16
MW - 5		09/30/08	3,560.20		-	31.05	0.00	3529.15
MW - 5		10/07/08	3,560.20		-	31.09	0.00	3529.11
MW - 5		10/15/08	3,560.20		-	31.14	0.00	3529.06
MW - 5		10/22/08	3,560.20		-	31.12	0.00	3529.08
MW - 5		10/31/08	3,560.20		-	31.09	0.00	3529.11
MW - 5		*11/04/08*	3,560.20		-	31.05	0.00	3529.15
MW - 5		*11/07/08*	3,560.20		-	31.95	0.00	3528.25
MW - 5		11/14/08	3,560.20		-	31.15	0.00	3529.05
MW - 5		11/21/08	3,560.20		-	31.70	0.00	3528.50
MW - 5		11/24/08	3,560.20		-	31.01	0.00	3529.19
MW - 5		12/03/08	3,560.20		-	30.99	0.00	3529.21

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 2
LEA COUNTY, NEW MEXICO

WELL NUMBER	Field Tech	DATE MEASURED	CASING WELL ELEVATION	Total Well Depth	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 5		12/16/08	3,560.20		-	30.99	0.00	3529.21
MW - 5		01/07/09	3,560.20		-	31.02	0.00	3529.18
MW - 5		01/16/09	3,560.20		-	31.01	0.00	3529.19
MW - 5		01/29/09	3,560.20		-	30.99	0.00	3529.21
MW - 5		*02/03/09*	3,560.20		-	31.01	0.00	3529.19
MW - 5		02/09/09	3,560.20		-	30.97	0.00	3529.23
MW - 5		02/17/09	3,560.20		-	30.95	0.00	3529.25
MW - 5		02/26/09	3,560.20		-	30.97	0.00	3529.23
MW - 5		03/02/09	3,560.20		-	30.96	0.00	3529.24
MW - 5		03/05/09	3,560.20		-	31.02	0.00	3529.18
MW - 5		03/09/09	3,560.20		-	31.05	0.00	3529.15
MW - 5		03/16/09	3,560.20		-	30.99	0.00	3529.21
MW - 5		03/18/09	3,560.20		-	31.06	0.00	3529.14
MW - 5		03/25/09	3,560.20		-	31.07	0.00	3529.13
MW - 5		03/27/09	3,560.20		-	31.00	0.00	3529.20
MW - 5		03/30/09	3,560.20		-	30.98	0.00	3529.22
MW - 5		04/06/09	3,560.20		-	31.04	0.00	3529.16
MW - 5		04/13/09	3,560.20		-	31.01	0.00	3529.19
MW - 5		04/16/09	3,560.20		-	30.99	0.00	3529.21
MW - 5		04/20/09	3,560.20		-	31.03	0.00	3529.17
MW - 5		04/23/09	3,560.20		-	31.00	0.00	3529.20
MW - 5		04/27/09	3,560.20		-	30.99	0.00	3529.21
MW - 5		04/30/09	3,560.20		-	31.04	0.00	3529.16
MW - 5		*05/06/09*	3,560.20		-	31.00	0.00	3529.20
MW - 5		05/21/09	3,560.20		-	31.05	0.00	3529.15
MW - 5		05/27/09	3,560.20		-	31.08	0.00	3529.12
MW - 5		06/04/09	3,560.20		-	31.12	0.00	3529.08
MW - 5		06/08/09	3,560.20		-	31.14	0.00	3529.06
MW - 5		06/11/09	3,560.20		-	31.03	0.00	3529.17
MW - 5		06/16/09	3,560.20		-	31.12	0.00	3529.08
MW - 5		06/22/09	3,560.20		-	31.18	0.00	3529.02
MW - 5		06/29/09	3,560.20		-	31.13	0.00	3529.07
MW - 5		07/02/09	3,560.20		-	31.19	0.00	3529.01
MW - 5		07/10/09	3,560.20		-	31.22	0.00	3528.98
MW - 5		07/15/09	3,560.20		-	31.14	0.00	3529.06
MW - 5		07/21/09	3,560.20			31.28	0.00	3528.92
MW - 5		07/29/09	3,560.20		-	31.13	0.00	3529.07
MW - 5		07/30/09	3,560.20		-	31.28	0.00	3528.92
MW - 5		*08/03/09*	3,560.20		-	31.33	0.00	3528.87
MW - 5		08/05/09	3,560.20		-	31.25	0.00	3528.95
MW - 5		08/07/09	3,560.20		-	31.33	0.00	3528.87
MW - 5		08/10/09	3,560.20		-	31.32	0.00	3528.88
MW - 5		08/19/09	3,560.20		-	31.35	0.00	3528.85
MW - 5		08/27/09	3,560.20		-	31.39	0.00	3528.81
MW - 5		08/31/09	3,560.20		-	31.40	0.00	3528.80
MW - 5		09/11/09	3,560.20		-	31.46	0.00	3528.74
MW - 5		09/17/09	3,560.20		-	31.47	0.00	3528.73
MW - 5		09/24/09	3,560.20		-	31.49	0.00	3528.71
MW - 5		09/29/09	3,560.20		-	31.54	0.00	3528.66
MW - 5		09/30/09	3,560.20		-	31.47	0.00	3528.73
MW - 5		10/06/09	3,560.20		-	31.56	0.00	3528.64

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 2
LEA COUNTY, NEW MEXICO

WELL NUMBER	Field Tech	DATE MEASURED	CASING WELL ELEVATION	Total Well Depth	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 5		10/20/09	3,560.20		sheen	31.51	0.00	3528.69
MW - 5		10/27/09	3,560.20		-	32.57	0.00	3527.63
MW - 5		*11/02/09*	3,560.20		-	31.63	0.00	3528.57
MW - 5		11/05/09	3,560.20		-	31.55	0.00	3528.65
MW - 5		11/20/09	3,560.20		-		0.00	3560.20
MW - 5		12/04/09	3,560.20		-		0.00	3560.20
MW - 5		12/14/09	3,560.20		-	32.43	0.00	3527.77
MW - 5		01/07/10	3,560.20		-	31.61	0.00	3528.59
MW - 5		*02/02/10*	3,560.20		-	31.68	0.00	3528.52
MW - 5		03/01/10	3,560.20		-	31.71	0.00	3528.49
MW - 5		03/16/10	3,560.20		-	31.66	0.00	3528.54
MW - 5		04/16/10	3,560.20		-	31.72	0.00	3528.48
MW - 5		*05/05/10*	3,560.20		-	31.69	0.00	3528.51
MW - 5		06/07/10	3,560.20		-	31.79	0.00	3528.41
MW - 5		06/25/10	3,560.20		-	31.39	0.00	3528.81
MW - 5		*08/04/10*	3,560.20		-	31.70	0.00	3528.50
MW - 5		09/10/10	3,560.20		-	31.71	0.00	3528.49
MW - 5		*11/03/10*	3,560.20		-	31.71	0.00	3528.49
MW - 5		*02/08/11*	3,560.20		-	31.72	0.00	3528.48
MW - 5		*05/16/11*	3,560.20		-	31.74	0.00	3528.46
MW - 5		*08/09/11*	3,560.20		-	31.62	0.00	3528.58
MW - 5		*10/31/11*	3,560.20		-	31.71	0.00	3528.49
MW - 5		*02/09/12*	3,560.20		-	31.73	0.00	3528.47
MW - 5		*05/21/12*	3,560.20		-	31.85	0.00	3528.35
MW - 5		*08/03/12*	3,560.20		-	32.02	0.00	3528.18
MW - 5		*12/12/12*	3,560.20		-	32.18	0.00	3528.02
MW - 5		02/16/13	3,560.20		-	32.20	0.00	3528.00
MW - 5		05/07/13	3,560.20		-	32.25	0.00	3527.95
MW - 5		08/29/13	3,560.20		-	32.43	0.00	3527.77
MW - 5		11/13/13	3,560.20	39.03	-	32.52	0.00	3527.68
MW - 6		02/06/98	3,560.32		-	30.91	0.00	3529.41
MW - 6		03/04/98	3,560.32		-	30.86	0.00	3529.46
MW - 6		04/01/98	3,560.32		-	30.92	0.00	3529.40
MW - 6		02/28/00	3,560.32		-	32.05	0.00	3528.27
MW - 6		06/08/00	3,560.32		-	32.22	0.00	3528.10
MW - 6		09/18/00	3,560.32		-	32.44	0.00	3527.88
MW - 6		12/06/00	3,560.32		-	32.53	0.00	3527.79
MW - 6		03/08/01	3,560.32		-	32.44	0.00	3527.88
MW - 6		06/22/01	3,560.32		-	32.63	0.00	3527.69
MW - 6		09/18/01	3,560.32		-	32.84	0.00	3527.48
MW - 6		10/10/01	3,560.32		-	32.89	0.00	3527.43
MW - 6		02/28/02	3,560.32		-	32.89	0.00	3527.43
MW - 6		05/16/02	3,560.32		-	32.97	0.00	3527.35
MW - 6		09/16/02	3,560.32		-	33.20	0.00	3527.12
MW - 6		12/02/02	3,560.32		-	33.38	0.00	3526.94
MW - 6		06/17/03	3,560.32		-	33.47	0.00	3526.85
MW - 6		09/05/03	3,560.32		-	33.69	0.00	3526.63
MW - 6		12/16/03	3,560.32		-	33.65	0.00	3526.67
MW - 6		03/08/04	3,560.32		-	33.86	0.00	3526.46
MW - 6		05/25/04	3,560.32		-	33.74	0.00	3526.58

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 2
LEA COUNTY, NEW MEXICO

WELL NUMBER	Field Tech	DATE MEASURED	CASING WELL ELEVATION	Total Well Depth	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 6		08/31/04	3,560.32		-	33.91	0.00	3526.41
MW - 6		12/13/04	3,560.32		-	32.75	0.00	3527.57
MW - 6		*03/11/05*	3,560.32		-	32.61	0.00	3527.71
MW - 6		*06/14/05*	3,560.32		could not access well			
MW - 6		*09/13/05*	3,560.32		-	31.71	0.00	3528.61
MW - 6		12/07/05	3,560.32		-	31.43	0.00	3528.89
MW - 6		*12/14/05*	3,560.32		-	31.40	0.00	3528.92
MW - 6		*03/14/06*	3,560.32		-	31.21	0.00	3529.11
MW - 6		*06/16/06*	3,560.32		-	30.24	0.00	3530.08
MW - 6		*09/05/06*	3,560.32		-	31.29	0.00	3529.03
MW - 6		*11/14/06*	3,560.32		-	31.06	0.00	3529.26
MW - 6		*02/13/07*	3,560.32		-	30.97	0.00	3529.35
MW - 6		*05/10/07*	3,560.32		-	30.82	0.00	3529.50
MW - 6		*08/20/07*	3,560.32		-	30.92	0.00	3529.40
MW - 6		*11/02/07*	3,560.32		-	30.89	0.00	3529.43
MW - 6		*02/06/08*	3,560.32		-	30.89	0.00	3529.43
MW - 6		*05/06/08*	3,560.32		-	30.90	0.00	3529.42
MW - 6		*08/07/08*	3,560.32		-	31.22	0.00	3529.10
MW - 6		*11/04/08*	3,560.32		-	31.27	0.00	3529.05
MW - 6		*02/03/09*	3,560.32		-	31.24	0.00	3529.08
MW - 6		*05/06/09*	3,560.32		-	31.24	0.00	3529.08
MW - 6		*08/03/09*	3,560.32		-	31.54	0.00	3528.78
MW - 6		*11/02/09*	3,560.32		-	31.82	0.00	3528.50
MW - 6		01/07/10	3,560.32		-	31.79	0.00	3528.53
MW - 6		*02/02/10*	3,560.32		-	31.89	0.00	3528.43
MW - 6		*05/05/10*	3,560.32		-	31.83	0.00	3528.49
MW - 6		*08/04/10*	3,560.32		-	31.82	0.00	3528.50
MW - 6		*11/03/10*	3,560.32		-	31.85	0.00	3528.47
MW - 6		*02/08/11*	3,560.32		-	31.87	0.00	3528.45
MW - 6		*05/16/11*	3,560.32		-	31.85	0.00	3528.47
MW - 6		*08/09/11*	3,560.32		-	31.84	0.00	3528.48
MW - 6		*10/31/11*	3,560.32		-	31.97	0.00	3528.35
MW - 6		*02/09/12*	3,560.32		-	32.00	0.00	3528.32
MW - 6		*05/21/12*	3,560.32		-	32.12	0.00	3528.20
MW - 6		*08/03/12*	3,560.32		-	32.27	0.00	3528.05
MW - 6		*12/12/12*	3,560.32		-	32.44	0.00	3527.88
MW - 6		02/16/13	3,560.32		-	32.47	0.00	3527.85
MW - 6		05/07/13	3,560.32		-	32.50	0.00	3527.82
MW - 6		08/29/13	3,560.32		-	32.70	0.00	3527.62
MW - 6		11/13/13	3,560.32	41.22	-	32.77	0.00	3527.55
MW - 7		02/06/98	3,561.07		-	31.62	0.00	3529.45
MW - 7		03/04/98	3,561.07		-	31.60	0.00	3529.47
MW - 7		04/01/98	3,561.07		-	31.63	0.00	3529.44
MW - 7		02/28/00	3,561.07		-	32.71	0.00	3528.36
MW - 7		06/08/00	3,561.07		-	32.83	0.00	3528.24
MW - 7		09/18/00	3,561.07		-	33.08	0.00	3527.99
MW - 7		12/06/00	3,561.07		-	33.19	0.00	3527.88
MW - 7		03/08/01	3,561.07		-	33.10	0.00	3527.97
MW - 7		06/22/01	3,561.07		-	33.25	0.00	3527.82
MW - 7		09/18/01	3,561.07		-	33.48	0.00	3527.59

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 2
LEA COUNTY, NEW MEXICO

WELL NUMBER	Field Tech	DATE MEASURED	CASING WELL ELEVATION	Total Well Depth	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7		10/10/01	3,561.07		-	33.54	0.00	3527.53
MW - 7		02/28/02	3,561.07		-	33.54	0.00	3527.53
MW - 7		05/16/02	3,561.07		-	33.57	0.00	3527.50
MW - 7		09/16/02	3,561.07		-	33.85	0.00	3527.22
MW - 7		12/12/02	3561.07		-	34.00	0.00	3527.07
MW - 7		12/16/03	3561.07		-	34.46	0.00	3526.61
MW - 7		03/08/04	3561.07		-	34.50	0.00	3526.57
MW - 7		05/25/04	3561.07		-	34.37	0.00	3526.70
MW - 7		08/31/04	3561.07		-	34.56	0.00	3526.51
MW - 7		12/13/04	3561.07		-	33.30	0.00	3527.77
MW - 7		*03/11/05*	3561.07		-	33.06	0.00	3528.01
MW - 7		*06/14/05*	3,561.07		-	32.62	0.00	3528.45
MW - 7		*09/13/05*	3,561.07		-	32.37	0.00	3528.70
MW - 7		12/07/05	3,561.07		-	32.10	0.00	3528.97
MW - 7		*12/14/05*	3,561.07		-	32.07	0.00	3529.00
MW - 7		*03/14/06*	3,561.07		-	31.89	0.00	3529.18
MW - 7		*06/16/06*	3,561.07		-	31.92	0.00	3529.15
MW - 7		*09/05/06*	3,561.07		-	31.98	0.00	3529.09
MW - 7		*11/14/06*	3,561.07		-	31.75	0.00	3529.32
MW - 7		*02/13/07*	3,561.07		-	31.66	0.00	3529.41
MW - 7		*05/10/07*	3,561.07		-	31.54	0.00	3529.53
MW - 7		*08/20/07*	3,561.07		-	31.61	0.00	3529.46
MW - 7		*11/02/07*	3,561.07		-	31.61	0.00	3529.46
MW - 7		*02/06/08*	3,561.07		-	31.58	0.00	3529.49
MW - 7		*05/06/08*	3,561.07		-	31.62	0.00	3529.45
MW - 7		*08/07/08*	3,561.07		-	31.94	0.00	3529.13
MW - 7		*11/04/08*	3,561.07		-	31.99	0.00	3529.08
MW - 7		*02/03/09*	3,561.07		-	31.95	0.00	3529.12
MW - 7		*05/06/09*	3,561.07		-	31.93	0.00	3529.14
MW - 7		*08/03/09*	3,561.07		-	32.25	0.00	3528.82
MW - 7		*11/02/09*	3,561.07		-	32.54	0.00	3528.53
MW - 7		01/07/10	3,561.07		-	32.53	0.00	3528.54
MW - 7		*02/02/10*	3,561.07		-	32.61	0.00	3528.46
MW - 7		*05/05/10*	3,561.07		-	32.63	0.00	3528.44
MW - 7		*08/04/10*	3,561.07		-	32.63	0.00	3528.44
MW - 7		*11/03/10*	3,561.07		-	32.62	0.00	3528.45
MW - 7		*02/08/11*	3,561.07		-	32.86	0.00	3528.21
MW - 7		*05/16/11*	3,561.07		-	32.89	0.00	3528.18
MW - 7		*08/09/11*	3,561.07		-	32.91	0.00	3528.16
MW - 7		*10/31/11*	3,561.07		-	32.67	0.00	3528.40
MW - 7		*02/09/12*	3,561.07		-	32.70	0.00	3528.37
MW - 7		*05/21/12*	3,561.07		-	32.83	0.00	3528.24
MW - 7		*08/03/12*	3,561.07		-	32.96	0.00	3528.11
MW - 7		*12/12/12*	3,561.07		-	33.16	0.00	3527.91
MW - 7		02/16/13	3,561.07		-	33.19	0.00	3527.88
MW - 7		05/07/13	3,561.07		-	33.21	0.00	3527.86
MW - 7		08/29/13	3,561.07		-	33.40	0.00	3527.67
MW - 7		11/13/13	3,561.07	41.19	-	33.47	0.00	3527.60
MW - 8		11/08/04	3561.07		-	33.84	0.00	3527.23
MW - 8		11/10/04	3,561.07		-	33.83	0.00	3527.24

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 2
LEA COUNTY, NEW MEXICO

WELL NUMBER	Field Tech	DATE MEASURED	CASING WELL ELEVATION	Total Well Depth	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 8		11/17/04	3,561.07		33.82	33.88	0.06	3527.24
MW - 8		12/15/04	3,561.07		sheen	33.51	0.00	3527.56
MW - 8		01/12/05	3,561.07		sheen	33.40	0.00	3527.67
MW - 8		01/19/05	3,561.07		sheen	33.32	0.00	3527.75
MW - 8		01/26/05	3,561.07		sheen	33.32	0.00	3527.75
MW - 8		02/01/05	3,561.07		sheen	33.29	0.00	3527.78
MW - 8		02/09/05	3,561.07		sheen	33.28	0.00	3527.79
MW - 8		02/16/05	3,561.07		sheen	33.25	0.00	3527.82
MW - 8		02/23/05	3,561.07		sheen	33.23	0.00	3527.84
MW - 8		03/02/05	3,561.07		sheen	33.20	0.00	3527.87
MW - 8		03/09/05	3,561.07		sheen	33.18	0.00	3527.89
MW - 8		*03/11/05*	3,561.07		sheen	33.20	0.00	3527.87
MW - 8		03/17/05	3,561.07		sheen	33.15	0.00	3527.92
MW - 8		03/23/05	3,561.07		sheen	33.14	0.00	3527.93
MW - 8		03/30/05	3,561.07		sheen	33.08	0.00	3527.99
MW - 8		04/06/05	3,561.07		sheen	33.07	0.00	3528.00
MW - 8		04/14/05	3,561.07		sheen	33.01	0.00	3528.06
MW - 8		05/24/05	3,561.07		sheen	32.89	0.00	3528.18
MW - 8		*06/14/05*	3,561.07		-	32.68	0.00	3528.39
MW - 8		06/22/05	3,561.07		sheen	32.74	0.00	3528.33
MW - 8		07/28/05	3,561.07		sheen	32.63	0.00	3528.44
MW - 8		08/24/05	3,561.07		sheen	32.52	0.00	3528.55
MW - 8		*09/13/05*	3,561.07		32.42	32.43	0.01	3528.65
MW - 8		09/30/05	3,561.07		32.32	32.33	0.01	3528.75
MW - 8		10/28/05	3,561.07		sheen	32.34	0.00	3528.73
MW - 8		11/17/05	3,561.07		32.19	32.23	0.04	3528.87
MW - 8		12/07/05	3,561.07		-	32.18	0.00	3528.89
MW - 8		*12/14/05*	3,561.07		-	32.14	0.00	3528.93
MW - 8		12/30/05	3,561.07		sheen	32.12	0.00	3528.95
MW - 8		01/18/06	3,561.07		sheen	32.07	0.00	3529.00
MW - 8		02/17/06	3,561.07		sheen	32.00	0.00	3529.07
MW - 8		*03/14/06*	3,561.07		-	31.94	0.00	3529.13
MW - 8		03/24/06	3,561.07		sheen	31.94	0.00	3529.13
MW - 8		04/19/06	3,561.07		sheen	31.88	0.00	3529.19
MW - 8		05/24/06	3,561.07		sheen	31.89	0.00	3529.18
MW - 8		*06/16/06*	3,561.07		-	31.97	0.00	3529.10
MW - 8		07/12/06	3,561.07		sheen	32.08	0.00	3528.99
MW - 8		08/10/06	3,561.07		-	32.10	0.00	3528.97
MW - 8		*09/05/06*	3,561.07		-	32.06	0.00	3529.01
MW - 8		09/17/06	3,561.07		-	32.01	0.00	3529.06
MW - 8		10/03/06	3,561.07		sheen	32.07	0.00	3529.00
MW - 8		10/24/06	3,561.07		sheen	31.93	0.00	3529.14
MW - 8		*11/14/06*	3,561.07		31.82	31.83	0.01	3529.25
MW - 8		11/16/06	3,561.07		sheen	31.84	0.00	3529.23
MW - 8		02/05/07	3,561.07		-	31.70	0.00	3529.37
MW - 8		*02/13/07*	3,561.07		sheen	31.63	0.00	3529.44
MW - 8		03/27/07	3,561.07		-	31.64	0.00	3529.43
MW - 8		*05/10/07*	3,561.07		-	31.54	0.00	3529.53
MW - 8		05/21/07	3,561.07		-	31.52	0.00	3529.55
MW - 8		*08/20/07*	3,561.07		-	31.64	0.00	3529.43
MW - 8		11/02/07	3,561.07		-	31.59	0.00	3529.48

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 2
LEA COUNTY, NEW MEXICO

WELL NUMBER	Field Tech	DATE MEASURED	CASING WELL ELEVATION	Total Well Depth	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 8		*02/06/08*	3,561.07		-	31.53	0.00	3529.54
MW - 8		*05/06/08*	3,561.07		-	31.60	0.00	3529.47
MW - 8		08/05/08	3,561.07		-	31.91	0.00	3529.16
MW - 8		*08/07/08*	3,561.07		-	31.92	0.00	3529.15
MW - 8		09/25/08	3,561.07		-	32.05	0.00	3529.02
MW - 8		*11/04/08*	3,561.07		-	32.03	0.00	3529.04
MW - 8		01/07/09	3,561.07		-	31.96	0.00	3529.11
MW - 8		01/16/09	3,561.07		-	31.97	0.00	3529.10
MW - 8		01/29/09	3,561.07		-	31.95	0.00	3529.12
MW - 8		*02/03/09*	3,561.07		-	31.97	0.00	3529.10
MW - 8		02/09/09	3,561.07		-	31.91	0.00	3529.16
MW - 8		02/17/09	3,561.07		-	31.92	0.00	3529.15
MW - 8		02/26/09	3,561.07		-	31.93	0.00	3529.14
MW - 8		03/02/09	3,561.07		-	31.92	0.00	3529.15
MW - 8		03/05/09	3,561.07		-	31.98	0.00	3529.09
MW - 8		03/09/09	3,561.07		-	33.01	0.00	3528.06
MW - 8		03/16/09	3,561.07		-	31.96	0.00	3529.11
MW - 8		03/18/09	3,561.07		-	33.03	0.00	3528.04
MW - 8		03/25/09	3,561.07		-	33.05	0.00	3528.02
MW - 8		03/27/09	3,561.07		-	31.89	0.00	3529.18
MW - 8		03/30/09	3,561.07		-	31.93	0.00	3529.14
MW - 8		04/06/09	3,561.07		-	32.03	0.00	3529.04
MW - 8		04/13/09	3,561.07		-	31.89	0.00	3529.18
MW - 8		04/16/09	3,561.07		-	31.93	0.00	3529.14
MW - 8		04/20/09	3,561.07		-	31.96	0.00	3529.11
MW - 8		04/23/09	3,561.07		-	31.87	0.00	3529.20
MW - 8		04/27/09	3,561.07		-	31.84	0.00	3529.23
MW - 8		04/30/09	3,561.07		-	31.97	0.00	3529.10
MW - 8		*05/06/09*	3,561.07		-	31.91	0.00	3529.16
MW - 8		05/21/09	3,561.07		-	32.02	0.00	3529.05
MW - 8		05/27/09	3,561.07		-	32.03	0.00	3529.04
MW - 8		06/04/09	3,561.07		-	32.08	0.00	3528.99
MW - 8		06/08/09	3,561.07		-	32.09	0.00	3528.98
MW - 8		06/11/09	3,561.07		-	31.89	0.00	3529.18
MW - 8		06/16/09	3,561.07		-	32.08	0.00	3528.99
MW - 8		06/22/09	3,561.07		-	32.12	0.00	3528.95
MW - 8		06/29/09	3,561.07		-	32.06	0.00	3529.01
MW - 8		07/02/09	3,561.07		-	32.13	0.00	3528.94
MW - 8		07/10/09	3,561.07		-	32.11	0.00	3528.96
MW - 8		07/15/09	3,561.07		-	32.08	0.00	3528.99
MW - 8		07/21/09	3,561.07		-	32.28	0.00	3528.79
MW - 8		07/29/09	3,561.07		-	32.09	0.00	3528.98
MW - 8		07/30/09	3,561.07		-	32.24	0.00	3528.83
MW - 8		*08/03/09*	3,561.07		-	32.29	0.00	3528.78
MW - 8		08/05/09	3,561.07		-	32.26	0.00	3528.81
MW - 8		08/07/09	3,561.07		-	32.27	0.00	3528.80
MW - 8		08/10/09	3,561.07		-	32.28	0.00	3528.79
MW - 8		08/19/09	3,561.07		-	32.30	0.00	3528.77
MW - 8		08/27/09	3,561.07		-	32.35	0.00	3528.72
MW - 8		08/31/09	3,561.07		-	32.38	0.00	3528.69
MW - 8		09/11/09	3,561.07		-	32.40	0.00	3528.67

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 2
LEA COUNTY, NEW MEXICO

WELL NUMBER	Field Tech	DATE MEASURED	CASING WELL ELEVATION	Total Well Depth	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 8		09/17/09	3,561.07		-	32.41	0.00	3528.66
MW - 8		09/24/09	3,561.07		-	32.44	0.00	3528.63
MW - 8		09/29/09	3,561.07		-	32.54	0.00	3528.53
MW - 8		09/30/09	3,561.07		-	32.42	0.00	3528.65
MW - 8		10/06/09	3,561.07		-	32.55	0.00	3528.52
MW - 8		10/20/09	3,561.07		sheen	32.42	0.00	3528.65
MW - 8		10/27/09	3,561.07		-	32.53	0.00	3528.54
MW - 8		*11/02/09*	3,561.07		-	32.57	0.00	3528.50
MW - 8		11/05/09	3,561.07		sheen	32.50	0.00	3528.57
MW - 8		11/20/09	3,561.07		sheen	32.53	0.00	3528.54
MW - 8		12/04/09	3,561.07		sheen	32.53	0.00	3528.54
MW - 8		12/14/09	3,561.07		-	31.46	0.00	3529.61
MW - 8		01/07/10	3,561.07		-	32.67	0.00	3528.40
MW - 8		01/21/10	3,561.07		-	32.55	0.00	3528.52
MW - 8		*02/02/10*	3,561.07		-	32.65	0.00	3528.42
MW - 8		03/01/10	3561.07		-	32.71	0.00	3528.36
MW - 8		03/16/10	3561.07		sheen	32.60	0.00	3528.47
MW - 8		04/16/10	3561.07		-	32.68	0.00	3528.39
MW - 8		*05/05/10*	3561.07		sheen	32.63	0.00	3528.44
MW - 8		05/27/10	3561.07		sheen	32.58	0.00	3528.49
MW - 8		06/07/10	3561.07		-	32.74	0.00	3528.33
MW - 8		06/25/10	3561.07		-	32.35	0.00	3528.72
MW - 8		07/16/10	3561.07		sheen	32.62	0.00	3528.45
MW - 8		07/30/10	3561.07		sheen	32.53	0.00	3528.54
MW - 8		*08/04/10*	3561.07		sheen	32.53	0.00	3528.54
MW - 8		08/20/10	3561.07		sheen	32.48	0.00	3528.59
MW - 8		09/10/10	3561.07		sheen	32.52	0.00	3528.55
MW - 8		09/24/10	3561.07		sheen	32.47	0.00	3528.60
MW - 8		10/08/10	3561.07		sheen	32.45	0.00	3528.62
MW - 8		*11/03/10*	3561.07		-	32.63	0.00	3528.44
MW - 8		12/03/10	3561.07		sheen	32.30	0.00	3528.77
MW - 8		12/16/10	3561.07		sheen	32.58	0.00	3528.49
MW - 8		*02/08/11*	3561.07		-	32.60	0.00	3528.47
MW - 8		*05/16/11*	3561.07		-	32.62	0.00	3528.45
MW - 8		05/19/11	3561.07		-	32.18	0.00	3528.89
MW - 8		05/27/11	3561.07		-	32.26	0.00	3528.81
MW - 8		06/10/11	3561.07		-	32.26	0.00	3528.81
MW - 8		06/24/11	3561.07		-	32.38	0.00	3528.69
MW - 8		07/01/11	3561.07		-	32.54	0.00	3528.53
MW - 8		07/22/11	3561.07		-	32.56	0.00	3528.51
MW - 8		*08/09/11*	3561.07		-	32.56	0.00	3528.51
MW - 8		08/15/11	3561.07		-	32.71	0.00	3528.36
MW - 8		08/22/11	3561.07		-	32.58	0.00	3528.49
MW - 8		09/12/11	3561.07		-	32.72	0.00	3528.35
MW - 8		*10/31/11*	3561.07		-	32.68	0.00	3528.39
MW - 8		12/07/11	3561.07		-	32.68	0.00	3528.39
MW - 8		12/23/11	3561.07		-	32.71	0.00	3528.36
MW - 8		12/27/11	3561.07		-	32.70	0.00	3528.37
MW - 8		01/18/12	3561.07		-	32.67	0.00	3528.40
MW - 8		*02/09/12*	3561.07		-	32.68	0.00	3528.39
MW - 8		02/13/12	3561.07		-	32.79	0.00	3528.28

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT 2
LEA COUNTY, NEW MEXICO

WELL NUMBER	Field Tech	DATE MEASURED	CASING WELL ELEVATION	Total Well Depth	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 8		03/02/12	3561.07		-	32.73	0.00	3528.34
MW - 8		04/09/12	3561.07		-	32.74	0.00	3528.33
MW - 8		*05/21/12*	3561.07		-	32.81	0.00	3528.26
MW - 8		06/11/12	3561.07		-	32.83	0.00	3528.24
MW - 8		06/25/12	3561.07		-	32.74	0.00	3528.33
MW - 8		07/09/12	3561.07		-	32.88	0.00	3528.19
MW - 8		*08/03/12*	3561.07		-	32.98	0.00	3528.09
MW - 8		*08/15/12*	3561.07		-	33.06	0.00	3528.01
MW - 8		*08/21/12*	3561.07		-	33.08	0.00	3527.99
MW - 8		*09/04/12*	3561.07		-	33.09	0.00	3527.98
MW - 8		*09/24/12*	3561.07		-	33.15	0.00	3527.92
MW - 8		*10/08/12*	3561.07		-	33.15	0.00	3527.92
MW - 8		*10/22/12*	3561.07		-	33.24	0.00	3527.83
MW - 8		*11/29/12*	3561.07		-	33.16	0.00	3527.91
MW - 8		*12/12/12*	3561.07		-	33.18	0.00	3527.89
MW - 8		*12/17/12*	3561.07		-	33.15	0.00	3527.92
MW - 8		02/06/13	3561.07		-	33.15	0.00	3527.92
MW - 8		*02/16/13*	3561.07		-	33.16	0.00	3527.91
MW - 8		*04/03/13*	3561.07		-	33.22	0.00	3527.85
MW - 8		*04/17/13*	3561.07		-	33.21	0.00	3527.86
MW - 8		*05/07/13*	3561.07		-	33.21	0.00	3527.86
MW - 8		05/10/13	3561.07		-	33.24	0.00	3527.83
MW - 8		05/30/13	3561.07		-	33.27	0.00	3527.80
MW - 8		06/05/13	3561.07		-	33.26	0.00	3527.81
MW - 8		06/18/13	3561.07		-	33.30	0.00	3527.77
MW - 8		07/09/13	3561.07		-	33.33	0.00	3527.74
MW - 8		07/25/13	3561.07		33.31	33.39	0.08	3527.75
MW - 8		*08/29/13*	3561.07	41.71	33.38	33.39	0.01	3527.69
MW - 8		08/30/13	3561.07		-	33.41	0.00	3527.66
MW - 8		09/12/13	3561.07		-	33.47	0.00	3527.60
MW - 8		09/19/13	3561.07		-	33.47	0.00	3527.60
MW - 8		09/30/13	3561.07		-	33.41	0.00	3527.66
MW - 8		10/15/13	3561.07		-	33.45	0.00	3527.62
MW - 8		11/13/13	3561.07	41.68	-	33.45	0.00	3527.62
MW - 8		12/20/13	3561.07		33.49	33.51	0.02	3527.58
MW - 8		12/30/13	3561.07		33.5	33.51	0.01	3527.57

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 2
LEA COUNTY, NEW MEXICO

All concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY LIMIT		0.01	0.750	0.750	0.620	
MW - 1	5/2/1997	ND	ND	ND	ND	
MW - 1	05/09/97	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 1	07/23/97	ND	ND	ND	0.0010	
MW - 1	10/07/97	ND	ND	ND	ND	
MW - 1	10/10/97	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 1	01/07/98	ND	ND	ND	ND	
MW - 1	04/01/98	ND	ND	ND	ND	
MW - 1	09/08/99	0.002	0.0010	<0.001	<0.001	0.004
MW - 1	02/28/00	0.001	0.0010	<0.001	<0.001	<0.001
MW - 1	06/08/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	09/18/00	0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	12/06/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	03/08/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	06/22/01	<0.005	<0.005	<0.005	<0.005	
MW - 1	09/18/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	10/10/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	02/28/02	0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	05/16/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	09/16/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	12/12/02	**0.011**	<0.001	0.002	<0.001	<0.001
MW - 1	06/17/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	09/05/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 1	12/16/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 1	03/08/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 1	05/25/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 1	08/31/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 1	12/13/04	<0.001	<0.001	<0.001	<0.001	
MW - 1	03/11/05	<0.001	<0.001	<0.001	<0.001	
MW - 1	06/14/05	<0.001	<0.001	<0.001	<0.001	
MW - 1	09/13/05	Not Sampled on Current Sample Schedule				
MW - 1	12/14/05	<0.005	<0.005	<0.005	<0.005	
MW - 1	03/14/06	Not Sampled on Current Sample Schedule				
MW - 1	06/16/06	Not Sampled on Current Sample Schedule				
MW - 1	09/05/06	Not Sampled on Current Sample Schedule				
MW - 1	11/14/06	<0.001	<0.001	<0.001	<0.001	
MW - 1	02/13/07	Not Sampled on Current Sample Schedule				
MW - 1	05/10/07	Not Sampled on Current Sample Schedule				
MW - 1	08/20/07	Not Sampled on Current Sample Schedule				
MW - 1	11/02/07	<0.001	<0.001	<0.001	0.0010	

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 2
LEA COUNTY, NEW MEXICO

All concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 1	02/06/08	Not Sampled on Current Sample Schedule				
MW - 1	05/06/08	Not Sampled on Current Sample Schedule				
MW - 1	08/07/08	Not Sampled on Current Sample Schedule				
MW - 1	11/04/08	<0.001	<0.001	0.00120	<0.001	
MW - 1	02/03/09	Not Sampled on Current Sample Schedule				
MW - 1	05/06/09	Not Sampled on Current Sample Schedule				
MW - 1	08/03/09	Not Sampled on Current Sample Schedule				
MW - 1	11/02/09	<0.001	<0.001	<0.001	<0.001	
MW - 1	02/02/10	Not Sampled on Current Sample Schedule				
MW - 1	05/05/10	Not Sampled on Current Sample Schedule				
MW - 1	08/04/10	Not Sampled on Current Sample Schedule				
MW - 1	11/03/10	<0.001	<0.001	<0.001	<0.001	
MW - 1	02/08/11	Not Sampled on Current Sample Schedule				
MW - 1	05/16/11	Not Sampled on Current Sample Schedule				
MW - 1	08/09/11	Not Sampled on Current Sample Schedule				
MW - 1	10/31/11	<0.001	<0.001	<0.001	<0.001	
MW - 1	02/09/12	Not Sampled on Current Sample Schedule				
MW - 1	05/21/12	Not Sampled on Current Sample Schedule				
MW - 1	08/03/12	Not Sampled on Current Sample Schedule				
MW - 1	12/12/12	<0.001	<0.001	<0.001	<0.001	
MW - 1	02/16/13	Not Sampled on Current Sample Schedule				
MW - 1	05/07/13	Not Sampled on Current Sample Schedule				
MW - 1	08/29/13	Not Sampled on Current Sample Schedule				
MW - 1	11/13/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 2	12/13/04	<0.005	<0.005	<0.005	<0.005	
MW - 2	03/11/05	**0.031**	<0.005	0.038	0.0633	
MW - 2	06/14/05	**0.047**	0.0056	0.063	0.0719	
MW - 2	09/13/05	Not Sampled				
MW - 2	12/14/05	**0.0102**	<0.005	0.080	0.0726	
MW - 2	03/14/06	**0.0134**	<0.01	0.075	0.0547	
MW - 2	06/16/06	**0.0275**	<0.02	0.077	0.0430	
MW - 2	09/05/06	**0.0124**	0.0031	0.110	0.0731	
MW - 2	11/14/06	<0.001	0.0019	0.098	0.0731	
MW - 2	02/13/07	**0.0160**	0.0464	0.143	0.3500	
MW - 2	05/10/07	<0.001	<0.001	0.027	0.0142	
MW - 2	08/20/07	**0.0214**	<0.001	0.111	0.0887	
MW - 2	11/02/07	<0.005	<0.005	0.115	0.0833	
MW - 2	02/06/08	**0.0103**	0.0054	0.105	0.0859	
MW - 2	05/06/08	**0.0352**	<0.005	0.127	0.0861	
MW - 2	08/07/08	<0.005	<0.005	0.0819	0.0509	
MW - 2	11/04/08	**0.0143**	<0.0100	0.0861	0.0500	

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 2
LEA COUNTY, NEW MEXICO

All concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 2	02/03/09	Not Sampled				
MW - 2	05/06/09	**0.0170**	0.0133	0.1150	0.0719	
MW - 2	08/03/09	**0.0095**	0.0076	0.1030	0.0568	
MW - 2	11/02/09	**0.0101**	<0.010	0.0818	0.0388	
MW - 2	02/02/10	Not Sampled				
MW - 2	05/05/10	**0.0141**	<0.005	0.0743	0.0420	
MW - 2	08/04/10	<0.001	0.0148	0.1190	0.0586	
MW - 2	11/03/10	**0.0109**	0.0040	0.0821	0.0291	
MW - 2	02/08/11	**0.0142**	<0.001	0.0828	0.0395	
MW - 2	05/06/11	**0.0150**	<0.001	0.0726	0.0335	
MW - 2	08/09/11	**0.0148**	<0.001	0.1030	0.0287	
MW - 2	10/31/11	0.0090	<0.001	0.0727	0.0156	
MW - 2	02/09/12	0.0073	<0.001	0.0564	0.0112	
MW - 2	05/21/12	**0.0112**	<0.001	0.0586	0.0424	
MW - 2	08/03/12	**0.0116**	<0.001	0.0422	0.0470	
MW - 2	12/12/12	<0.005	<0.005	0.0332	<0.005	
MW - 2	02/16/13	<0.00500	<0.00500	0.0341	<0.00500	
MW - 2	05/07/13	<0.00500	<0.00500	0.0235	0.0100	
MW - 2	08/29/13	0.00160	<0.00100	0.0227	0.0035	
MW - 2	11/13/13	0.00170	<0.00100	0.0147	<0.00300	
MW - 3	05/02/97	ND	ND	ND	ND	
MW - 3	05/09/97	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 3	07/23/97	ND	ND	ND	ND	
MW - 3	10/07/97	ND	ND	ND	ND	
MW - 3	10/10/97	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 3	01/07/98	ND	ND	ND	ND	
MW - 3	04/01/98	ND	ND	ND	ND	
MW - 3	09/08/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 3	02/28/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 3	06/08/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 3	09/18/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 3	12/06/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 3	03/08/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 3	06/22/01	<0.005	<0.005	<0.005	<0.005	
MW - 3	09/18/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 3	10/10/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 3	02/28/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 3	05/16/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 3	09/16/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 3	12/12/02	**0.020**	<0.001	0.002	<0.001	<0.001
MW - 3	06/17/03	<0.001	<0.001	<0.001	<0.001	<0.001

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 2
LEA COUNTY, NEW MEXICO

All concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 3	09/05/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 3	12/16/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 3	03/08/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 3	05/25/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 3	08/31/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 3	12/13/04	<0.001	<0.001	<0.001	<0.001	
MW - 3	03/11/05	<0.001	<0.001	<0.001	<0.001	
MW - 3	06/14/05	<0.001	<0.001	<0.001	<0.001	
MW - 3	09/13/05	Not Sampled on Current Sample Schedule				
MW - 3	12/14/05	<0.001	<0.001	<0.001	<0.001	
MW - 3	03/14/06	Not Sampled on Current Sample Schedule				
MW - 3	06/16/06	Not Sampled on Current Sample Schedule				
MW - 3	09/05/06	Not Sampled on Current Sample Schedule				
MW - 3	11/14/06	<0.001	<0.001	<0.001	<0.001	
MW - 3	02/13/07	Not Sampled on Current Sample Schedule				
MW - 3	05/10/07	Not Sampled on Current Sample Schedule				
MW - 3	08/20/07	Not Sampled on Current Sample Schedule				
MW - 3	11/02/07	**0.114**	0.0123	0.004	0.0167	
MW - 3	02/06/08	**0.0931**	<0.005	0.006	0.0107	
MW - 3	05/06/08	**0.0146**	<0.001	<0.001	0.0018	
MW - 3	08/07/08	0.0095	<0.001	<0.001	<0.001	
MW - 3	11/04/08	0.0012	<0.001	<0.001	<0.001	
MW - 3	02/03/09	<0.001	<0.001	<0.001	0.0011	
MW - 3	05/06/09	<0.001	<0.001	<0.001	<0.001	
MW - 3	08/03/09	<0.001	<0.001	<0.001	<0.001	
MW - 3	11/12/09	<0.001	<0.001	<0.001	<0.001	
MW - 3	02/02/10	<0.001	<0.001	<0.001	<0.001	
MW - 3	05/05/10	<0.001	<0.001	<0.001	<0.001	
MW - 3	08/04/10	<0.001	<0.001	<0.001	<0.001	
MW - 3	11/03/10	<0.001	<0.001	<0.001	<0.001	
MW - 3	02/08/11	<0.001	<0.001	<0.001	<0.001	
MW - 3	05/16/11	<0.001	<0.001	<0.001	<0.001	
MW - 3	08/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 3	10/31/11	<0.001	<0.001	<0.001	<0.001	
MW - 3	02/09/12	<0.001	<0.001	<0.001	<0.001	
MW - 3	05/21/12	<0.001	<0.001	<0.001	<0.001	
MW - 3	08/03/12	<0.001	<0.001	<0.001	<0.001	
MW - 3	12/12/12	<0.001	<0.001	<0.001	<0.001	
MW - 3	02/16/13	Not Sampled on Current Sample Schedule				
MW - 3	05/07/13	Not Sampled on Current Sample Schedule				
MW - 3	08/29/13	Not Sampled on Current Sample Schedule				
MW - 3	11/13/13	<0.00100	<0.00100	<0.00100	<0.00100	

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 2
LEA COUNTY, NEW MEXICO

All concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 4	09/17/97	ND	ND	ND	ND	
MW - 4	09/26/97	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 4	10/07/97	ND	ND	ND	ND	
MW - 4	10/10/97	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 4	01/07/98	ND	ND	ND	ND	
MW - 4	04/01/98	ND	ND	ND	ND	
MW - 4	09/08/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 4	02/28/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 4	06/08/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 4	09/18/00	0.001	<0.001	<0.001	<0.001	<0.001
MW - 4	12/06/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 4	03/08/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 4	06/22/01	<0.005	<0.005	<0.005	<0.005	
MW - 4	09/18/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 4	10/10/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 4	02/28/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 4	05/16/02	<0.01	<0.001	<0.001	<0.001	<0.001
MW - 4	09/16/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 4	12/12/02	0.003	<0.001	<0.001	<0.001	<0.001
MW - 4	06/17/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 4	09/05/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 4	12/16/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 4	03/08/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 4	05/25/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 4	08/31/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 4	12/13/04	<0.001	<0.001	<0.001	<0.001	
MW - 4	03/11/05	Not Sampled on Current Sample Schedule				
MW - 4	06/14/05	<0.001	<0.001	0.002	<0.001	
MW - 4	09/13/05	Not Sampled on Current Sample Schedule				
MW - 4	12/14/05	<0.001	<0.001	0.002	<0.001	
MW - 4	03/14/06	Not Sampled on Current Sample Schedule				
MW - 4	06/16/06	<0.001	<0.001	0.001	<0.001	
MW - 4	09/05/06	Not Sampled on Current Sample Schedule				
MW - 4	11/14/06	<0.001	<0.001	<0.001	<0.001	
MW - 4	02/13/07	Not Sampled on Current Sample Schedule				
MW - 4	05/10/07	<0.001	<0.001	<0.001	<0.001	
MW - 4	08/20/07	Not Sampled on Current Sample Schedule				
MW - 4	11/02/07	<0.001	<0.001	<0.001	<0.001	
MW - 4	02/06/08	Not Sampled on Current Sample Schedule				
MW - 4	05/06/08	<0.001	<0.001	<0.001	<0.001	
MW - 4	08/07/08	Not Sampled on Current Sample Schedule				

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 2
LEA COUNTY, NEW MEXICO

All concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 4	11/04/08	<0.001	<0.001	<0.001	<0.001	
MW - 4	02/03/09	Not Sampled on Current Sample Schedule				
MW - 4	05/06/09	<0.001	<0.001	<0.001	<0.001	
MW - 4	08/03/09	Not Sampled on Current Sample Schedule				
MW - 4	11/02/09	<0.001	<0.001	<0.001	<0.001	
MW - 4	02/02/10	Not Sampled on Current Sample Schedule				
MW - 4	05/05/10	<0.001	<0.001	<0.001	<0.001	
MW - 4	08/04/10	Not Sampled on Current Sample Schedule				
MW - 4	11/03/10	<0.001	<0.001	<0.001	<0.001	
MW - 4	02/08/11	Not Sampled on Current Sample Schedule				
MW - 4	05/16/11	<0.001	<0.001	<0.001	<0.001	
MW - 4	08/09/11	Not Sampled on Current Sample Schedule				
MW - 4	10/31/11	<0.001	<0.001	<0.001	<0.001	
MW - 4	02/09/12	Not Sampled on Current Sample Schedule				
MW - 4	05/21/12	<0.001	<0.001	<0.001	<0.001	
MW - 4	08/03/12	Not Sampled on Current Sample Schedule				
MW - 4	12/12/12	<0.001	<0.001	<0.001	<0.001	
MW - 4	02/16/13	Not Sampled on Current Sample Schedule				
MW - 4	05/07/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 4	08/29/13	Not Sampled on Current Sample Schedule				
MW - 4	11/13/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 5	09/17/97	0.002	ND	0.002	0.0050	
MW - 5	09/26/97	0.002	<0.001	0.002	0.0030	0.002
MW - 5	10/07/97	0.011	0.0040	0.015	0.0470	
MW - 5	10/10/97	0.011	0.0040	0.015	0.0370	0.010
MW - 5	01/07/98	0.013	ND	0.030	0.0420	
MW - 5	04/01/98	0.011	0.0050	0.050	0.0360	
MW - 5	12/12/02	<0.001	<0.001	0.001	0.0020	<0.001
MW - 5	12/13/04	<0.005	0.00640	0.072	0.1120	
MW - 5	03/11/05	<0.005	<0.005	0.00790	<0.005	
MW - 5	06/14/05	<0.005	<0.005	0.00510	<0.005	
MW - 5	09/13/05	Not Sampled				
MW - 5	12/14/05	<0.001	<0.001	0.007	<0.001	
MW - 5	03/14/06	<0.005	<0.005	0.007	<0.005	
MW - 5	06/16/06	<0.001	<0.001	0.007	<0.001	
MW - 5	09/05/06	<0.001	<0.001	0.004	0.0028	
MW - 5	11/14/06	<0.001	<0.001	0.006	<0.001	
MW - 5	02/13/07	<0.001	<0.001	0.004	0.0035	
MW - 5	05/10/07	<0.001	<0.001	0.002	<0.001	
MW - 5	08/20/07	**0.020**	<0.001	<0.001	<0.001	
MW - 5	11/02/07	0.0031	<0.001	<0.001	<0.001	

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 2
LEA COUNTY, NEW MEXICO

All concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 5	02/06/08	**0.0115**	<0.005	<0.005	<0.005	
MW - 5	05/06/08	**0.0155**	<0.001	<0.001	<0.001	
MW - 5	08/07/08	<0.005	<0.005	<0.005	<0.005	
MW - 5	11/04/08	0.0015	<0.001	<0.001	<0.001	
MW - 5	02/03/09	0.0011	<0.001	<0.001	<0.001	
MW - 5	05/06/09	<0.001	<0.001	<0.001	<0.001	
MW - 5	08/03/09	<0.001	<0.001	<0.001	<0.001	
MW - 5	11/02/09	<0.001	<0.001	<0.001	<0.001	
MW - 5	02/02/10	<0.001	<0.001	<0.001	<0.001	
MW - 5	05/05/10	<0.001	<0.001	<0.001	<0.001	
MW - 5	08/04/10	<0.001	<0.001	<0.001	<0.001	
MW - 5	11/03/10	<0.001	<0.001	<0.001	<0.001	
MW - 5	02/08/11	<0.001	<0.001	<0.001	<0.001	
MW - 5	05/16/11	<0.001	<0.001	<0.001	<0.001	
MW - 5	08/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 5	10/31/11	<0.001	<0.001	<0.001	<0.001	
MW - 5	02/09/12	<0.001	<0.001	<0.001	<0.001	
MW - 5	05/21/12	0.0011	<0.001	<0.001	<0.001	
MW - 5	08/03/12	<0.001	<0.001	<0.001	<0.001	
MW - 5	12/12/12	<0.001	<0.001	<0.001	<0.001	
MW - 5	02/16/13	Not Sampled on Current Sample Schedule				
MW - 5	05/07/13	Not Sampled on Current Sample Schedule				
MW - 5	08/29/13	Not Sampled on Current Sample Schedule				
MW - 5	11/13/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	04/01/98	ND	ND	ND	ND	
MW - 6	09/08/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 6	02/28/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 6	06/08/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 6	09/18/00	0.001	<0.001	<0.001	<0.001	<0.001
MW - 6	12/06/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 6	03/08/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 6	06/22/01	<0.005	<0.005	<0.005	<0.005	
MW - 6	09/18/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 6	10/10/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 6	02/28/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 6	05/16/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 6	09/16/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 6	12/12/02	0.001	<0.001	<0.001	<0.001	<0.001
MW - 6	06/17/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 6	09/05/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 6	12/16/03	<0.001	<0.001	<0.001	<0.002	<0.001

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 2
LEA COUNTY, NEW MEXICO

All concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 6	03/08/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 6	12/13/04	<0.001	<0.001	<0.001	<0.001	
MW - 6	03/11/05	Not Sampled on Current Sample Schedule				
MW - 6	06/14/05	Not Sampled on Current Sample Schedule				
MW - 6	09/13/05	Not Sampled on Current Sample Schedule				
MW - 6	12/14/05	<0.001	<0.001	<0.001	<0.001	
MW - 6	03/14/06	Not Sampled on Current Sample Schedule				
MW - 6	06/16/06	Not Sampled on Current Sample Schedule				
MW - 6	09/05/06	Not Sampled on Current Sample Schedule				
MW - 6	11/14/06	<0.001	<0.001	<0.001	<0.001	
MW - 6	02/13/07	Not Sampled on Current Sample Schedule				
MW - 6	05/10/07	Not Sampled on Current Sample Schedule				
MW - 6	08/20/07	Not Sampled on Current Sample Schedule				
MW - 6	11/02/07	<0.001	<0.001	<0.001	<0.001	
MW - 6	02/19/08	<0.001	<0.001	<0.001	<0.001	
MW - 6	05/06/08	0.002	<0.001	<0.001	<0.001	
MW - 6	08/07/08	<0.001	<0.001	<0.001	<0.001	
MW - 6	11/04/08	<0.001	<0.001	<0.001	<0.001	
MW - 6	02/03/09	<0.001	<0.001	<0.001	<0.001	
MW - 6	05/06/09	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/03/09	<0.001	<0.001	<0.001	<0.001	
MW - 6	11/02/09	<0.001	<0.001	<0.001	<0.001	
MW - 6	02/02/10	<0.001	<0.001	<0.001	<0.001	
MW - 6	05/05/10	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/04/10	<0.001	<0.001	<0.001	<0.001	
MW - 6	11/03/10	<0.001	<0.001	<0.001	<0.001	
MW - 6	02/08/11	<0.001	<0.001	<0.001	<0.001	
MW - 6	05/16/11	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 6	10/31/11	<0.001	<0.001	<0.001	<0.001	
MW - 6	02/09/12	<0.001	<0.001	<0.001	<0.001	
MW - 6	05/21/12	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/03/12	<0.001	<0.001	<0.001	<0.001	
MW - 6	12/12/12	<0.001	<0.001	<0.001	<0.001	
MW - 6	02/16/13	Not Sampled on Current Sample Schedule				
MW - 6	05/07/13	Not Sampled on Current Sample Schedule				
MW - 6	08/29/13	Not Sampled on Current Sample Schedule				
MW - 6	11/13/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 7	04/01/98	ND	ND	ND	ND	
MW - 7	09/08/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	02/28/00	<0.001	<0.001	<0.001	<0.001	<0.001

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 2
LEA COUNTY, NEW MEXICO

All concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 7	06/08/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	09/18/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	12/06/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	03/08/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	06/22/01	<0.005	<0.005	<0.005	<0.005	
MW - 7	09/18/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	10/10/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	02/28/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	05/16/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	09/16/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 7	12/12/02	0.002	<0.001	<0.001	<0.001	<0.001
MW - 7	12/16/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 7	03/08/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 7	12/13/04	<0.001	<0.001	<0.001	<0.001	
MW - 7	03/11/05	Not Sampled on Current Sample Schedule				
MW - 7	06/14/05	Not Sampled on Current Sample Schedule				
MW - 7	09/13/05	Not Sampled on Current Sample Schedule				
MW - 7	12/14/05	<0.001	<0.001	<0.001	<0.001	
MW - 7	03/14/06	Not Sampled on Current Sample Schedul				
MW - 7	06/16/06	Not Sampled on Current Sample Schedule				
MW - 7	09/05/06	Not Sampled on Current Sample Schedule				
MW - 7	11/14/06	<0.001	<0.001	<0.001	<0.001	
MW - 7	02/13/07	Not Sampled on Current Sample Schedule				
MW - 7	05/10/07	Not Sampled on Current Sample Schedule				
MW - 7	08/20/07	Not Sampled on Current Sample Schedule				
MW - 7	11/02/07	0.0052	<0.001	<0.001	<0.001	
MW - 7	02/06/08	Not Sampled on Current Sample Schedule				
MW - 7	05/06/08	Not Sampled on Current Sample Schedule				
MW - 7	08/07/08	Not Sampled on Current Sample Schedule				
MW - 7	11/04/08	<0.001	<0.001	<0.001	<0.001	
MW - 7	02/03/09	<0.001	<0.001	<0.001	<0.001	
MW - 7	05/06/09	Not Sampled on Current Sample Schedule				
MW - 7	08/03/09	Not Sampled on Current Sample Schedule				
MW - 7	11/02/09	<0.001	<0.001	<0.001	<0.001	
MW - 7	02/02/10	<0.001	<0.001	<0.001	<0.001	
MW - 7	05/05/10	Not Sampled on Current Sample Schedule				
MW - 7	08/04/10	Not Sampled on Current Sample Schedule				
MW - 7	11/03/10	<0.001	<0.001	<0.001	<0.001	
MW - 7	02/08/11	Not Sampled on Current Sample Schedule				
MW - 7	05/16/11	Not Sampled on Current Sample Schedule				
MW - 7	08/09/11	Not Sampled on Current Sample Schedule				
MW - 7	10/31/11	<0.001	<0.001	<0.001	<0.001	

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 2
LEA COUNTY, NEW MEXICO

All concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 7	02/09/12	Not Sampled on Current Sample Schedule				
MW - 7	05/21/12	Not Sampled on Current Sample Schedule				
MW - 7	08/03/12	Not Sampled on Current Sample Schedule				
MW - 7	12/12/12	<0.001	<0.001	<0.001	<0.001	
MW - 7	02/16/13	Not Sampled on Current Sample Schedule				
MW - 7	05/07/13	Not Sampled on Current Sample Schedule				
MW - 7	08/29/13	Not Sampled on Current Sample Schedule				
MW - 7	11/13/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	11/10/04	**0.138**	<0.005	0.075	0.1790	
MW - 8	03/11/05	**0.115**	<0.05	<0.05	0.0855	
MW - 8	06/14/05	**0.165**	0.0270	0.109	0.2710	
MW - 8	09/13/05	Not sampled				
MW - 8	12/14/05	**0.102**	0.0238	<0.01	0.1410	
MW - 8	03/14/06	**0.144**	0.0545	0.129	0.3290	
MW - 8	06/16/06	**0.196**	0.0405	0.131	0.2850	
MW - 8	09/05/06	**0.127**	0.0437	0.126	0.3490	
MW - 8	11/14/06	**0.116**	0.0333	0.123	0.2950	
MW - 8	02/13/07	**0.130**	0.0464	0.143	0.3500	
MW - 8	05/10/07	**0.091**	0.0378	0.118	0.3440	
MW - 8	08/20/07	**0.141**	0.0362	0.174	0.4240	
MW - 8	11/02/07	**0.096**	0.0252	0.150	0.3430	
MW - 8	02/06/08	**0.0683**	0.0099	0.113	0.2250	
MW - 8	05/06/08	**0.1760**	0.0196	0.159	0.2760	
MW - 8	08/07/08	**0.0687**	<0.001	0.109	0.2170	
MW - 8	11/04/08	**0.0847**	0.0019	0.127	0.1640	
MW - 8	02/03/09	**0.0625**	0.0057	0.136	0.2470	
MW - 8	05/06/09	**0.0312**	<0.001	0.102	0.1280	
MW - 8	08/03/09	**0.0406**	<0.001	0.135	0.2010	
MW - 8	11/02/09	**0.0334**	<0.001	0.122	0.2150	
MW - 8	02/02/10	**0.0541**	<0.001	0.104	0.1560	
MW - 8	05/05/10	**0.0432**	<0.001	0.099	0.1620	
MW - 8	08/04/10	**0.0284**	0.0087	0.112	0.2280	
MW - 8	11/03/10	**0.1330**	<0.001	0.083	0.0916	
MW - 8	02/08/11	**0.0531**	<0.001	0.120	0.1870	
MW - 8	05/16/11	**0.0486**	<0.001	0.104	0.1270	
MW - 8	08/09/11	**0.0637**	<0.001	0.154	0.1960	
MW - 8	10/31/11	**0.0389**	<0.001	0.114	0.1360	
MW - 8	02/09/12	**0.0441**	<0.001	0.109	0.1300	
MW - 8	05/21/12	0.0076	0.0014	0.101	0.1750	
MW - 8	08/03/12	<0.001	<0.001	<0.001	<0.001	
MW - 8	12/12/12	<0.005	<0.005	0.0632	0.0741	

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 2
LEA COUNTY, NEW MEXICO

All concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 8	02/16/13	<0.00500	<0.00500	0.0883	0.132	
MW - 8	05/07/13	<0.00100	<0.00100	0.0684	0.100	
MW - 8	08/29/13	<0.00100	<0.00100	0.0103	0.062	
MW - 8	11/13/13	**0.0532**	<0.0500	0.0570	<0.150	

TABLE 3

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 2
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER 1R-0110

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		—	—	**0.001 mg/L**	**0.0001 mg/L**	**0.0007 mg/L**	**0.001 mg/L**	—	**0.001 mg/L**	**0.0002 mg/L**	**0.0003 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.0004 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.03 mg/L**			—
MW-1	11/04/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
	11/02/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000393
	11/03/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																		
	12/12/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/13/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/04/08	<0.000185	<0.000185	**0.0033**	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	**0.018**	<0.000185	**0.0236**	<0.000185	**0.019**	**0.0854**	**0.0387**	0.0143
	11/02/09	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	**0.0171**	<0.000926	**0.0112**	**0.0722**	**0.0324**	0.0102
	11/03/10	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.00338**	<0.000184	**0.00715**	<0.000184	**0.00605**	**0.0317**	**0.0105**	0.00399
	12/15/11	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.0146**	<0.000184	**0.00717**	**0.473**	**0.00835**	0.0085
	12/12/12	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	**0.00626**	<0.00100	<0.00100	0.0206	<0.00100	0.00556
	11/13/13	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	**0.00223**	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-3	11/04/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
	11/02/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.0206	<0.000184	<0.000184
	11/03/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/13/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4	11/04/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000698	<0.000184	<0.000184
	11/02/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
	11/03/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																		
	12/12/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/13/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/04/08	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	0.000968	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917
	11/02/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000857	<0.000184	<0.000184	0.000698	<0.000184	<0.000184
	11/03/10	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 3

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 2
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER 1R-0110

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		–	–	**0.001 mg/L**	**0.0001 mg/L**	**0.0007 mg/L**	**0.001 mg/L**	–	**0.001 mg/L**	**0.0002 mg/L**	**0.0003 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.0004 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.03 mg/L**			–
	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																		
	12/12/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/13/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/04/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
	11/02/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000698	<0.000184	<0.000184
	11/03/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																		
	12/12/12	Not Sampled as part of Quarterly Monitoring Event.																		
	12/12/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	11/04/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
	11/02/09	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
	11/03/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/15/11	Not Sampled as part of Quarterly Monitoring Event.																		
	12/12/12	Not Sampled as part of Quarterly Monitoring Event.																		
	12/12/12	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/04/08	<0.000184	<0.000184	<0.000184	**0.00027**	<0.000184	<0.000184	<0.000184	<0.000184	**0.000421**	<0.000184	<0.000184	**0.00235**	<0.000184	**0.00287**	<0.000184	0.00578	0.0148	0.00568	0.00266
	11/02/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.00204**	<0.000184	0.00431	0.0113	0.00356	0.00184
	11/03/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/15/11	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.00298**	<0.000184	**0.0106**	**0.0214**	**0.0147**	0.00238
	12/12/12	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	**0.00558**	<0.00100	**0.0124**	**0.0283**	**0.0213**	0.00471
	11/13/13	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	**0.0192**	<0.000200	**0.0447**	**0.108**	<0.000200	<0.000200

Summary Report

Camille Bryant
Nova Safety & Environmental
2057 Commerce St.
Midland, TX 79703

Report Date: February 20, 2013

Work Order: 13021901

Project Location: Monument
Project Name: Monument #2
Project Number: TNM Monument #2

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
321632	MW 8	water	2013-02-16	12:55	2013-02-19
321633	MW 2	water	2013-02-16	13:20	2013-02-19

	BTEX			
	Benzene	Toluene	Ethylbenzene	Xylene
Sample - Field Code	(mg/L)	(mg/L)	(mg/L)	(mg/L)
321632 - MW 8	<0.00500 [1] Qr	<0.00500 Qr	**0.0883** Qr	**0.132** Qr
321633 - MW 2	<0.00500 [2] Qr	<0.00500 Qr	**0.0341** Qr	<0.00500 Qr

[1] Dilution due to surfactant.
[2] Dilution due to surfactant.

TRACEANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1298
200 East Sunset Road, Suite E El Paso, Texas 79922 915•585•3443 FAX 915•585•4944
5002 Basin Street, Suite A1 Midland, Texas 79703 432•689•6301 FAX 432•689•6313
(BioAquatic) 2501 Mayes Rd., Suite 100 Carrollton, Texas 75006 972•242•7750
E-Mail: lab@traceanalysis.com WEB: www.traceanalysis.com

Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

Camille Bryant
Nova Safety & Environmental
2057 Commerce St.
Midland, TX, 79703

Report Date: February 20, 2013

Work Order: 13021901

Project Location: Monument
Project Name: Monument #2
Project Number: TNM Monument #2

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
321632	MW 8	water	2013-02-16	12:55	2013-02-19
321633	MW 2	water	2013-02-16	13:20	2013-02-19

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
Dr. Michael Abel, Project Manager

Report Contents

Case Narrative

Samples for project Monument #2 were received by TraceAnalysis, Inc. on 2013-02-19 and assigned to work order 13021901. Samples for work order 13021901 were received intact without headspace and at a temperature of 1.3 C.

Samples were analyzed for the following tests using their respective methods.

Test	Method	Prep Batch	Prep Date	QC Batch	Analysis Date
BTEX	S 8021B	83955	2013-02-19 at 17:00	99094	2013-02-19 at 17:00

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 13021901 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 321632 - MW 8

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	99094	Date Analyzed:	2013-02-19	Analyzed By:	YG
Prep Batch:	83955	Sample Preparation:	2013-02-19	Prepared By:	YG

Parameter	Flag	Cert	Result	RL Units	Dilution	RL
Benzene [1]	Qr,U	1	<0.00500	mg/L	5	0.00100
Toluene	Qr,U	1	<0.00500	mg/L	5	0.00100
Ethylbenzene	Qr	1	**0.0883**	mg/L	5	0.00100
Xylene	Qr	1	**0.132**	mg/L	5	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.521	mg/L	5	0.500	104	75.7 - 109
4-Bromofluorobenzene (4-BFB)			0.544	mg/L	5	0.500	109	68.1 - 109

Sample: 321633 - MW 2

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	99094	Date Analyzed:	2013-02-19	Analyzed By:	YG
Prep Batch:	83955	Sample Preparation:	2013-02-19	Prepared By:	YG

Parameter	Flag	Cert	Result	RL Units	Dilution	RL
Benzene [2]	Qr,U	1	<0.00500	mg/L	5	0.00100
Toluene	Qr,U	1	<0.00500	mg/L	5	0.00100
Ethylbenzene	Qr	1	**0.0341**	mg/L	5	0.00100
Xylene	Qr,U	1	<0.00500	mg/L	5	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.506	mg/L	5	0.500	101	75.7 - 109
4-Bromofluorobenzene (4-BFB)			0.521	mg/L	5	0.500	104	68.1 - 109

Method Blanks

Method Blank (1) QC Batch: 99094

QC Batch:	99094	Date Analyzed:	2013-02-19	Analyzed By:	YG
Prep Batch:	83955	QC Preparation:	2013-02-19	Prepared By:	YG

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1	<0.000200	mg/L	0.001
Toluene		1	<0.000300	mg/L	0.001
Ethylbenzene		1	<0.000400	mg/L	0.001
Xylene		1	<0.00120	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.105	mg/L	1	0.100	105	75.7 - 109
4-Bromofluorobenzene (4-BFB)			0.100	mg/L	1	0.100	100	68.1 - 109

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 99094 | Date Analyzed: 2013-02-19 | Analyzed By: YG
Prep Batch: 83955 | QC Preparation: 2013-02-19 | Prepared By: YG

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.103	mg/L	1	0.100	<0.000200	103	80 - 120
Toluene		1	0.105	mg/L	1	0.100	<0.000300	105	80 - 120
Ethylbenzene		1	0.109	mg/L	1	0.100	<0.000400	109	70.6 - 120
Xylene		1	0.337	mg/L	1	0.300	<0.00120	112	79.2 - 120

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

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.102	mg/L	1	0.100	<0.000200	102	80 - 120	1	20
Toluene		1	0.103	mg/L	1	0.100	<0.000300	103	80 - 120	2	20
Ethylbenzene		1	0.108	mg/L	1	0.100	<0.000400	108	70.6 - 120	1	20
Xylene		1	0.334	mg/L	1	0.300	<0.00120	111	79.2 - 120	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)	0.106	0.105	mg/L	1	0.100	106	105	75.7 - 109
4-Bromofluorobenzene (4-BFB)	0.102	0.102	mg/L	1	0.100	102	102	68.1 - 109

Matrix Spike (MS-1) Spiked Sample: 321195

QC Batch: 99094 | Date Analyzed: 2013-02-19 | Analyzed By: YG
Prep Batch: 83955 | QC Preparation: 2013-02-19 | Prepared By: YG

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	3	1	0.0434	mg/L	1	0.100	<0.000200	43	25.7 - 139
Toluene		1	0.0456	mg/L	1	0.100	<0.000300	46	32.7 - 134
Ethylbenzene		1	0.0499	mg/L	1	0.100	<0.000400	50	45.9 - 120
Xylene		1	0.156	mg/L	1	0.300	<0.00120	52	34.9 - 128

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

Param		F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	[4] Qr	Qr	1	0.0764	mg/L	1	0.100	<0.000200	76	25.7 - 139	55	20
Toluene	Qr	Qr	1	0.0767	mg/L	1	0.100	<0.000300	77	32.7 - 134	51	20
Ethylbenzene	Qr	Qr	1	0.0809	mg/L	1	0.100	<0.000400	81	45.9 - 120	47	20
Xylene	Qr	Qr	1	0.251	mg/L	1	0.300	<0.00120	84	34.9 - 128	47	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)	0.105	0.104	mg/L	1	0.1	105	104	75.7 - 109
4-Bromofluorobenzene (4-BFB)	0.101	0.101	mg/L	1	0.1	101	101	68.1 - 109

Calibration Standards

Standard (CCV-1)

QC Batch: 99094 | Date Analyzed: 2013-02-19 | Analyzed By: YG

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.102	102	80 - 120	2013-02-19
Toluene		1	mg/L	0.100	0.104	104	80 - 120	2013-02-19
Ethylbenzene		1	mg/L	0.100	0.108	108	80 - 120	2013-02-19
Xylene		1	mg/L	0.300	0.335	112	80 - 120	2013-02-19

Standard (CCV-2)

QC Batch: 99094 | Date Analyzed: 2013-02-19 | Analyzed By: YG

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.103	103	80 - 120	2013-02-19
Toluene		1	mg/L	0.100	0.104	104	80 - 120	2013-02-19
Ethylbenzene		1	mg/L	0.100	0.108	108	80 - 120	2013-02-19
Xylene		1	mg/L	0.300	0.336	112	80 - 120	2013-02-19

Standard (CCV-3)

QC Batch: 99094 | Date Analyzed: 2013-02-19 | Analyzed By: YG

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.103	103	80 - 120	2013-02-19
Toluene		1	mg/L	0.100	0.104	104	80 - 120	2013-02-19
Ethylbenzene		1	mg/L	0.100	0.108	108	80 - 120	2013-02-19
Xylene		1	mg/L	0.300	0.336	112	80 - 120	2013-02-19

Appendix

Report Definitions

Name	Definition
MDL	Method Detection Limit
MQL	Minimum Quantitation Limit
SDL	Sample Detection Limit

Laboratory Certifications

C	Certifying Authority	Certification Number	Laboratory Location
-	NCTRCA	WFWB384444Y0909	TraceAnalysis
-	DBE	VN 20657	TraceAnalysis
-	HUB	1752439743100-86536	TraceAnalysis
-	WBE	237019	TraceAnalysis
1	NELAP	T104704392-12-4	Midland

Standard Flags

F	Description
B	Analyte detected in the corresponding method blank above the method detection limit
H	Analyzed out of hold time
J	Estimated concentration
Jb	The analyte is positively identified and the value is approximated between the SDL and MQL. Sample contains less then ten times the concentration found in the method blank. The result should be considered non-detect to the SDL.
Je	Estimated concentration exceeding calibration range.
MI1	Split peak or shoulder peak
MI2	Instrument software did not integrate
MI3	Instrument software misidentified the peak
MI4	Instrument software integrated improperly
MI5	Baseline correction
Qc	Calibration check outside of laboratory limits.
Qr	RPD outside of laboratory limits
Qs	Spike recovery outside of laboratory limits.
Qsr	Surrogate recovery outside of laboratory limits.
U	The analyte is not detected above the SDL

Result Comments

1 Dilution due to surfactant.
2 Dilution due to surfactant.
3 Matrix effect.
4 Matrix effect.

Attachments

The scanned attachments will follow this page.
Please note, each attachment may consist of more than one page.

LAB Order ID # 13021901

Page _____ of _____

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

BioAquatic Testing
2501 Mayes Rd., Ste 100
Carrollton, Texas 75006
Tel (972) 242-7750

Company Name: NOVA
Phone #: 432-520-7720
Address: (Street, City, Zip) 2057 comm. DR.
Fax #:
Contact Person: Becky Haskell
E-mail:
Invoice to: TNM-MONUMENT 2
(If different from above) ~~SRS# 207257~~ Shawn Harris
Project #: Monument #2 NM.
Project Name: Jorge Esquivel
Project Location (including state):
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
32132	MW8#	3	VOA	1				1				1		2/16/13	12:55
33	MW 2#	3	↓	1				1				1		2/16/13	1:20

LAB # (LAB USE ONLY)	MTBE 8021 / 602 / 8260 / 624	BTEX 8021 / 602 / 8260 / 624	TPH 418.1 / TX1005 / TX1005 Ext(C35)	TPH 8015 GRO / DRO / TVHC	PAH 8270 / 625	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260 / 624	GC/MS Semi. Vol. 8270 / 625	PCB's 8082 / 608	Pesticides 8081 / 608	BOD, TSS, pH	Moisture Content	Cl, Fl, S04, NO3, NO2, Alkalinity	Na, Ca, Mg, K, TDS, EC					Turn Around Time if different from standard	Hold
32132		X																							
33		X																							

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
		2/16/13	5:14		TA	2/19/13	8:14

INST 1.1 °C
OBS 1.3 °C
COR 1.3 °C

LAB USE ONLY
Intact Y / N
Headspace Y / N / NA
Log-in-Review

REMARKS: Midland all charged SRS# - per B.N.

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

Carrier #

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

ORIGINAL COPY

Summary Report

Camille Bryant
Nova Safety & Environmental
2057 Commerce St.
Midland, TX 79703

Report Date: May 16, 2013

Work Order: 13050809

Project Location: Monument
Project Name: Monument #2
Project Number: TNM Monument #2

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
328434	MW-4	water	2013-05-07	11:40	2013-05-08
328435	MW-2	water	2013-05-07	11:53	2013-05-08
328436	MW-8	water	2013-05-07	12:14	2013-05-08

	BTEX			
Sample - Field Code	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)
328434 - MW-4	<0.00100	<0.00100	<0.00100	<0.00100
328435 - MW-2	<0.00500	<0.00500	**0.0235**	**0.0100**
328436 - MW-8	<0.00100 Qr,Qs	<0.00100 Qr,Qs	**0.0684** Qr,Qs	**0.100** Qr,Qs

This is only a summary. Please, refer to the complete report package for quality control data.

TRACEANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1298
200 East Sunset Road, Suite E El Paso, Texas 79922 915•585•3443 FAX 915•585•4944
5002 Basin Street, Suite A1 Midland, Texas 79703 432•689•6301 FAX 432•689•6313
(BioAquatic) 2501 Mayes Rd., Suite 100 Carrollton, Texas 75006 972•242•7750
E-Mail: lab@traceanalysis.com WEB: www.traceanalysis.com

Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

Camille Bryant
Nova Safety & Environmental
2057 Commerce St.
Midland, TX, 79703

Report Date: May 16, 2013

Work Order: 13050809

Project Location: Monument
Project Name: Monument #2
Project Number: TNM Monument #2

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
328434	MW-4	water	2013-05-07	11:40	2013-05-08
328435	MW-2	water	2013-05-07	11:53	2013-05-08
328436	MW-8	water	2013-05-07	12:14	2013-05-08

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
Dr. Michael Abel, Project Manager

Report Contents

Case Narrative

Samples for project Monument #2 were received by TraceAnalysis, Inc. on 2013-05-08 and assigned to work order 13050809. Samples for work order 13050809 were received intact without headspace and at a temperature of 2.7 C.

Samples were analyzed for the following tests using their respective methods.

Test	Method	Prep Batch	Prep Date	QC Batch	Analysis Date
BTEX	S 8021B	85917	2013-05-09 at 15:25	101375	2013-05-14 at 15:46
BTEX	S 8021B	85958	2013-05-15 at 11:00	101437	2013-05-15 at 11:00

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 13050809 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 328434 - MW-4

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	101375	Date Analyzed:	2013-05-14	Analyzed By:	AH
Prep Batch:	85917	Sample Preparation:	2013-05-09	Prepared By:	AH

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0920	mg/L	1	0.100	92	70 - 130
4-Bromofluorobenzene (4-BFB)			0.104	mg/L	1	0.100	104	70 - 130

Sample: 328435 - MW-2

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	101375	Date Analyzed:	2013-05-14	Analyzed By:	AH
Prep Batch:	85917	Sample Preparation:	2013-05-09	Prepared By:	AH

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	<0.00500	mg/L	5	0.00100
Toluene	U	1	<0.00500	mg/L	5	0.00100
Ethylbenzene		1	**0.0235**	mg/L	5	0.00100
Xylene		1	**0.0100**	mg/L	5	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.496	mg/L	5	0.500	99	70 - 130
4-Bromofluorobenzene (4-BFB)			0.514	mg/L	5	0.500	103	70 - 130

Sample: 328436 - MW-8

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	101437	Date Analyzed:	2013-05-15	Analyzed By:	AH
Prep Batch:	85958	Sample Preparation:	2013-05-15	Prepared By:	AH

Parameter	Flag	Cert	Result	RL Units	Dilution	RL
Benzene	Qr,Qs,U	1	<0.00100	mg/L	1	0.00100
Toluene	Qr,Qs,U	1	<0.00100	mg/L	1	0.00100
Ethylbenzene	Qr,Qs	1	**0.0684**	mg/L	1	0.00100
Xylene	Qr,Qs	1	**0.100**	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.106	mg/L	1	0.100	106	70 - 130
4-Bromofluorobenzene (4-BFB)			0.127	mg/L	1	0.100	127	70 - 130

Method Blanks

Method Blank (1) QC Batch: 101375

QC Batch: 101375 | Date Analyzed: 2013-05-14 | Analyzed By: AH
Prep Batch: 85917 | QC Preparation: 2013-05-09 | Prepared By: AH

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1	<0.000200	mg/L	0.001
Toluene		1	<0.000300	mg/L	0.001
Ethylbenzene		1	<0.000400	mg/L	0.001
Xylene		1	<0.00120	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.101	mg/L	1	0.100	101	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0974	mg/L	1	0.100	97	70 - 130

Method Blank (1) QC Batch: 101437

QC Batch: 101437 | Date Analyzed: 2013-05-15 | Analyzed By: AH
Prep Batch: 85958 | QC Preparation: 2013-05-15 | Prepared By: AH

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1	<0.000200	mg/L	0.001
Toluene		1	<0.000300	mg/L	0.001
Ethylbenzene		1	<0.000400	mg/L	0.001
Xylene		1	<0.00120	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.101	mg/L	1	0.100	101	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0955	mg/L	1	0.100	96	70 - 130

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 101375 | Date Analyzed: 2013-05-14 | Analyzed By: AH
Prep Batch: 85917 | QC Preparation: 2013-05-09 | Prepared By: AH

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.0945	mg/L	1	0.100	<0.000200	94	70 - 130
Toluene		1	0.0963	mg/L	1	0.100	<0.000300	96	70 - 130
Ethylbenzene		1	0.0947	mg/L	1	0.100	<0.000400	95	70 - 130
Xylene		1	0.278	mg/L	1	0.300	<0.00120	93	70 - 130

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

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.0968	mg/L	1	0.100	<0.000200	97	70 - 130	2	20
Toluene		1	0.0988	mg/L	1	0.100	<0.000300	99	70 - 130	3	20
Ethylbenzene		1	0.0962	mg/L	1	0.100	<0.000400	96	70 - 130	2	20
Xylene		1	0.283	mg/L	1	0.300	<0.00120	94	70 - 130	2	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)	0.101	0.0961	mg/L	1	0.100	101	96	70 - 130
4-Bromofluorobenzene (4-BFB)	0.100	0.0970	mg/L	1	0.100	100	97	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 101437 | Date Analyzed: 2013-05-15 | Analyzed By: AH
Prep Batch: 85958 | QC Preparation: 2013-05-15 | Prepared By: AH

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.102	mg/L	1	0.100	<0.000200	102	70 - 130
Toluene		1	0.104	mg/L	1	0.100	<0.000300	104	70 - 130
Ethylbenzene		1	0.103	mg/L	1	0.100	<0.000400	103	70 - 130
Xylene		1	0.306	mg/L	1	0.300	<0.00120	102	70 - 130

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

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.102	mg/L	1	0.100	<0.000200	102	70 - 130	0	20
Toluene		1	0.106	mg/L	1	0.100	<0.000300	106	70 - 130	2	20
Ethylbenzene		1	0.106	mg/L	1	0.100	<0.000400	106	70 - 130	3	20
Xylene		1	0.309	mg/L	1	0.300	<0.00120	103	70 - 130	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)	0.0998	0.0995	mg/L	1	0.100	100	100	70 - 130
4-Bromofluorobenzene (4-BFB)	0.100	0.0999	mg/L	1	0.100	100	100	70 - 130

Matrix Spike (MS-1) Spiked Sample: 327993

QC Batch: 101375 | Date Analyzed: 2013-05-14 | Analyzed By: AH
Prep Batch: 85917 | QC Preparation: 2013-05-09 | Prepared By: AH

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.0991	mg/L	1	0.100	<0.000200	99	70 - 130
Toluene		1	0.0998	mg/L	1	0.100	<0.000300	100	70 - 130
Ethylbenzene		1	0.0956	mg/L	1	0.100	<0.000400	96	70 - 130
Xylene		1	0.280	mg/L	1	0.300	<0.00120	93	70 - 130

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

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.104	mg/L	1	0.100	<0.000200	104	70 - 130	5	20
Toluene		1	0.107	mg/L	1	0.100	<0.000300	107	70 - 130	7	20
Ethylbenzene		1	0.104	mg/L	1	0.100	<0.000400	104	70 - 130	8	20
Xylene		1	0.301	mg/L	1	0.300	<0.00120	100	70 - 130	7	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)	0.100	0.0960	mg/L	1	0.1	100	96	70 - 130
4-Bromofluorobenzene (4-BFB)	0.102	0.0961	mg/L	1	0.1	102	96	70 - 130

Matrix Spike (MS-1) Spiked Sample: 328546

QC Batch: 101437 | Date Analyzed: 2013-05-15 | Analyzed By: AH
Prep Batch: 85958 | QC Preparation: 2013-05-15 | Prepared By: AH

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene [1]	Qs	Qs	1	0.0130	mg/L	1	0.100	<0.000200	13	70 - 130
Toluene	Qs	Qs	1	0.0143	mg/L	1	0.100	<0.000300	14	70 - 130
Ethylbenzene	Qs	Qs	1	0.0191	mg/L	1	0.100	<0.000400	19	70 - 130
Xylene	Qs	Qs	1	0.0568	mg/L	1	0.300	<0.00120	19	70 - 130

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

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene [2]	Qr,Qs	Qr,Qs	1	0.0247	mg/L	1	0.100	<0.000200	25	70 - 130	62	20
Toluene	Qr,Qs	Qr,Qs	1	0.0256	mg/L	1	0.100	<0.000300	26	70 - 130	57	20
Ethylbenzene	Qr,Qs	Qr,Qs	1	0.0280	mg/L	1	0.100	<0.000400	28	70 - 130	38	20
Xylene	Qr,Qs	Qr,Qs	1	0.0828	mg/L	1	0.300	<0.00120	28	70 - 130	37	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)	0.0949	0.0938	mg/L	1	0.1	95	94	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0945	0.0941	mg/L	1	0.1	94	94	70 - 130

Calibration Standards

Standard (CCV-1)

QC Batch: 101375 | Date Analyzed: 2013-05-14 | Analyzed By: AH

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0964	96	80 - 120	2013-05-14
Toluene		1	mg/L	0.100	0.0991	99	80 - 120	2013-05-14
Ethylbenzene		1	mg/L	0.100	0.0970	97	80 - 120	2013-05-14
Xylene		1	mg/L	0.300	0.285	95	80 - 120	2013-05-14

Standard (CCV-2)

QC Batch: 101375 | Date Analyzed: 2013-05-14 | Analyzed By: AH

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.100	100	80 - 120	2013-05-14
Toluene		1	mg/L	0.100	0.103	103	80 - 120	2013-05-14
Ethylbenzene		1	mg/L	0.100	0.102	102	80 - 120	2013-05-14
Xylene		1	mg/L	0.300	0.298	99	80 - 120	2013-05-14

Standard (CCV-3)

QC Batch: 101375 | Date Analyzed: 2013-05-14 | Analyzed By: AH

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.103	103	80 - 120	2013-05-14
Toluene		1	mg/L	0.100	0.106	106	80 - 120	2013-05-14
Ethylbenzene		1	mg/L	0.100	0.103	103	80 - 120	2013-05-14
Xylene		1	mg/L	0.300	0.303	101	80 - 120	2013-05-14

Standard (CCV-1)

QC Batch: 101437 | Date Analyzed: 2013-05-15 | Analyzed By: AH

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0970	97	80 - 120	2013-05-15
Toluene		1	mg/L	0.100	0.0996	100	80 - 120	2013-05-15
Ethylbenzene		1	mg/L	0.100	0.0989	99	80 - 120	2013-05-15
Xylene		1	mg/L	0.300	0.291	97	80 - 120	2013-05-15

Standard (CCV-2)

QC Batch: 101437 | Date Analyzed: 2013-05-15 | Analyzed By: AH

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0971	97	80 - 120	2013-05-15
Toluene		1	mg/L	0.100	0.100	100	80 - 120	2013-05-15
Ethylbenzene		1	mg/L	0.100	0.0994	99	80 - 120	2013-05-15
Xylene		1	mg/L	0.300	0.292	97	80 - 120	2013-05-15

Standard (CCV-3)

QC Batch: 101437 | Date Analyzed: 2013-05-15 | Analyzed By: AH

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.100	100	80 - 120	2013-05-15
Toluene		1	mg/L	0.100	0.102	102	80 - 120	2013-05-15
Ethylbenzene		1	mg/L	0.100	0.102	102	80 - 120	2013-05-15
Xylene		1	mg/L	0.300	0.298	99	80 - 120	2013-05-15

Appendix

Report Definitions

Name	Definition
MDL	Method Detection Limit
MQL	Minimum Quantitation Limit
SDL	Sample Detection Limit

Laboratory Certifications

C	Certifying Authority	Certification Number	Laboratory Location
-	NCTRCA	WFWB384444Y0909	TraceAnalysis
-	DBE	VN 20657	TraceAnalysis
-	HUB	1752439743100-86536	TraceAnalysis
-	WBE	237019	TraceAnalysis
1	NELAP	T104704392-12-4	Midland

Standard Flags

F	Description
B	Analyte detected in the corresponding method blank above the method detection limit
H	Analyzed out of hold time
J	Estimated concentration
Jb	The analyte is positively identified and the value is approximated between the SDL and MQL. Sample contains less then ten times the concentration found in the method blank. The result should be considered non-detect to the SDL.
Je	Estimated concentration exceeding calibration range.
MI1	Split peak or shoulder peak
MI2	Instrument software did not integrate
MI3	Instrument software misidentified the peak
MI4	Instrument software integrated improperly
MI5	Baseline correction
Qc	Calibration check outside of laboratory limits.
Qr	RPD outside of laboratory limits
Qs	Spike recovery outside of laboratory limits.
Qsr	Surrogate recovery outside of laboratory limits.
U	The analyte is not detected above the SDL

Result Comments

1 Prep error, LCS LCSD within range show spikes to be under control.
2 Prep error, LCS LCSD within range show spikes to be under control.

Attachments

The scanned attachments will follow this page.
Please note, each attachment may consist of more than one page.

LAB Order ID # 13050809

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

BioAquatic Testing
2501 Mayes Rd., Ste 100
Carrollton, Texas 75006
Tel (972) 242-7750

Company Name: Nova — **Phone #:** 432-520-7720

Address: (Street, City, Zip) 2057 Commerce Drive — **Fax #:**

Contact Person: Camille Bryant — **E-mail:**

Invoice to: (If different from above)

Project #: TNM Monument 2 — **Project Name:** Monument 2

Project Location (including state): new mexico — **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
328434	mw-4	3	VOA	X				X				X		5/7/13	1140
435	mw-2	3	↓	↓				↓				↓			1153
436	mw-8	3	↓	↓				↓				↓			1214

MTBE 8021 / 602 / 8260 / 624	BTEX 8021 / 602 / 8260 / 624	TPH 418.1 / TX1005 / TX1005 Ext(C35)	TPH 8015 GRO / DRO / TVHC	PAH 8270 / 625	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260 / 624	GC/MS Semi. Vol. 8270 / 625	PCB's 8082 / 608	Pesticides 8081 / 608	BOD, TSS, pH	Moisture Content	Cl, F, SO_4, NO_3-N, NO_2-N, PO_4-P, Alkalinity	Na, Ca, Mg, K, TDS, EC	Turn Around Time if different from standard	Hold
	X																				
	X																				
	X																				

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	
John Flores	Nova	5/8/13	810		TH	5/8/13	8:10	INST 2.7 °C OBS 2.7 °C COR 2.7 °C
Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST ____ °C OBS ____ °C COR ____ °C
Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST ____ °C OBS ____ °C COR ____ °C

LAB USE ONLY
Intact Y / N
Headspace Y / N / NA
Log-in-Review

REMARKS: Midland - all

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

Carrier # Carye

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

ORIGINAL COPY

Summary Report

Camille Bryant
Nova Safety & Environmental
2057 Commerce St.
Midland, TX 79703

Report Date: September 13, 2013

Work Order: 13083006

Project Location: Monument
Project Name: Monument #2
Project Number: TNM Monument #2

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
340547	MW-2	water	2013-08-29	13:34	2013-08-30
340548	MW-8	water	2013-08-29	12:40	2013-08-30

	BTEX			
Sample - Field Code	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)
340547 - MW-2	**0.00160**	<0.00100	**0.0227**	**0.00350**
340548 - MW-8	<0.00100 Qr,Qs	<0.00100 Qr,Qs	**0.0103** Qr,Qs	**0.0620** Qr,Qs

This is only a summary. Please, refer to the complete report package for quality control data.

TRACEANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1298
200 East Sunset Road, Suite E El Paso, Texas 79922 915•585•3443 FAX 915•585•4944
5002 Basin Street, Suite A1 Midland, Texas 79703 432•689•6301 FAX 432•689•6313
(BioAquatic) 2501 Mayes Rd., Suite 100 Carrollton, Texas 75006 972•242•7750
E-Mail: lab@traceanalysis.com WEB: www.traceanalysis.com

Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

Camille Bryant
Nova Safety & Environmental
2057 Commerce St.
Midland, TX, 79703

Report Date: September 13, 2013

Work Order: 13083006

Project Location: Monument
Project Name: Monument #2
Project Number: TNM Monument #2

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
340547	MW-2	water	2013-08-29	13:34	2013-08-30
340548	MW-8	water	2013-08-29	12:40	2013-08-30

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
Dr. Michael Abel, Project Manager

Report Contents

Case Narrative

Samples for project Monument #2 were received by TraceAnalysis, Inc. on 2013-08-30 and assigned to work order 13083006. Samples for work order 13083006 were received intact without headspace and at a temperature of 3.5 C.

Samples were analyzed for the following tests using their respective methods.

Test	Method	Prep Batch	Prep Date	QC Batch	Analysis Date
BTEX	S 8021B	88826	2013-09-09 at 12:32	104917	2013-09-11 at 07:38
BTEX	S 8021B	88969	2013-09-12 at 14:21	105017	2013-09-13 at 07:38

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 13083006 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 340547 - MW-2

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	104917	Date Analyzed:	2013-09-11	Analyzed By:	AK
Prep Batch:	88826	Sample Preparation:	2013-09-09	Prepared By:	AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	**0.00160**	mg/L	1	0.00100
Toluene	U	1	<0.00100	mg/L	1	0.00100
Ethylbenzene		1	**0.0227**	mg/L	1	0.00100
Xylene		1	**0.00350**	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0724	mg/L	1	0.100	72	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0883	mg/L	1	0.100	88	70 - 130

Sample: 340548 - MW-8

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	105017	Date Analyzed:	2013-09-13	Analyzed By:	AK
Prep Batch:	88969	Sample Preparation:	2013-09-12	Prepared By:	AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qr,Qs,U	1	<0.00100	mg/L	1	0.00100
Toluene	Qr,Qs,U	1	<0.00100	mg/L	1	0.00100
Ethylbenzene	Qr,Qs	1	**0.0103**	mg/L	1	0.00100
Xylene	Qr,Qs	1	**0.0620**	mg/L	1	0.00100

Surrogate		Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	1 Qsr	Qsr		0.0207	mg/L	1	0.100	21	70 - 130
4-Bromofluorobenzene (4-BFB)	2 Qsr	Qsr		0.0308	mg/L	1	0.100	31	70 - 130

Method Blanks

Method Blank (1) QC Batch: 104917

QC Batch: 104917 | Date Analyzed: 2013-09-11 | Analyzed By: AK
Prep Batch: 88826 | QC Preparation: 2013-09-09 | Prepared By: AK

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1	<0.000200	mg/L	0.001
Toluene		1	<0.000300	mg/L	0.001
Ethylbenzene		1	<0.000400	mg/L	0.001
Xylene		1	<0.00120	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0920	mg/L	1	0.100	92	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0906	mg/L	1	0.100	91	70 - 130

Method Blank (1) QC Batch: 105017

QC Batch: 105017 | Date Analyzed: 2013-09-13 | Analyzed By: AK
Prep Batch: 88969 | QC Preparation: 2013-09-12 | Prepared By: AK

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1	<0.000200	mg/L	0.001
Toluene		1	<0.000300	mg/L	0.001
Ethylbenzene		1	<0.000400	mg/L	0.001
Xylene		1	<0.00120	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0986	mg/L	1	0.100	99	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0964	mg/L	1	0.100	96	70 - 130

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 104917 | Date Analyzed: 2013-09-11 | Analyzed By: AK
Prep Batch: 88826 | QC Preparation: 2013-09-09 | Prepared By: AK

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.0882	mg/L	1	0.100	<0.000200	88	70 - 130
Toluene		1	0.0879	mg/L	1	0.100	<0.000300	88	70 - 130
Ethylbenzene		1	0.0832	mg/L	1	0.100	<0.000400	83	70 - 130
Xylene		1	0.255	mg/L	1	0.300	<0.00120	85	70 - 130

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

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.0910	mg/L	1	0.100	<0.000200	91	70 - 130	3	20
Toluene		1	0.0903	mg/L	1	0.100	<0.000300	90	70 - 130	3	20
Ethylbenzene		1	0.0864	mg/L	1	0.100	<0.000400	86	70 - 130	4	20
Xylene		1	0.264	mg/L	1	0.300	<0.00120	88	70 - 130	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)	0.0957	0.0967	mg/L	1	0.100	96	97	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0980	0.0964	mg/L	1	0.100	98	96	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 105017 | Date Analyzed: 2013-09-13 | Analyzed By: AK
Prep Batch: 88969 | QC Preparation: 2013-09-12 | Prepared By: AK

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.0810	mg/L	1	0.100	<0.000200	81	70 - 130
Toluene		1	0.0809	mg/L	1	0.100	<0.000300	81	70 - 130
Ethylbenzene		1	0.0781	mg/L	1	0.100	<0.000400	78	70 - 130
Xylene		1	0.239	mg/L	1	0.300	<0.00120	80	70 - 130

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

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.0902	mg/L	1	0.100	<0.000200	90	70 - 130	11	20
Toluene		1	0.0909	mg/L	1	0.100	<0.000300	91	70 - 130	12	20
Ethylbenzene		1	0.0875	mg/L	1	0.100	<0.000400	88	70 - 130	11	20
Xylene		1	0.268	mg/L	1	0.300	<0.00120	89	70 - 130	11	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)	0.0792	0.0991	mg/L	1	0.100	79	99	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0828	0.107	mg/L	1	0.100	83	107	70 - 130

Matrix Spike (xMS-1) Spiked Sample: 340547

QC Batch: 104917 | Date Analyzed: 2013-09-11 | Analyzed By: AK
Prep Batch: 88826 | QC Preparation: 2013-09-09 | Prepared By: AK

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	4.56	mg/L	50	5.00	<0.0100	91	70 - 130
Toluene		1	4.53	mg/L	50	5.00	<0.0150	91	70 - 130
Ethylbenzene		1	4.30	mg/L	50	5.00	<0.0200	86	70 - 130
Xylene		1	13.1	mg/L	50	15.0	<0.0600	87	70 - 130

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

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	4.23	mg/L	50	5.00	<0.0100	85	70 - 130	15	20
Toluene		1	4.21	mg/L	50	5.00	<0.0150	84	70 - 130	7	20
Ethylbenzene		1	4.00	mg/L	50	5.00	<0.0200	80	70 - 130	7	20
Xylene		1	12.1	mg/L	50	15.0	<0.0600	81	70 - 130	8	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)	4.84	4.70	mg/L	50	5	97	94	70 - 130
4-Bromofluorobenzene (4-BFB)	4.96	4.80	mg/L	50	5	99	96	70 - 130

Matrix Spike (MS-1) Spiked Sample: 341033

QC Batch: 105017 | Date Analyzed: 2013-09-13 | Analyzed By: AK
Prep Batch: 88969 | QC Preparation: 2013-09-12 | Prepared By: AK

Param		F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	Qs	Qs	1	0.0180	mg/L	1	0.100	<0.000200	18	70 - 130
Toluene	Qs	Qs	1	0.0189	mg/L	1	0.100	<0.000300	19	70 - 130
Ethylbenzene	Qs	Qs	1	0.0196	mg/L	1	0.100	<0.000400	20	70 - 130
Xylene	Qs	Qs	1	0.0593	mg/L	1	0.300	<0.00120	20	70 - 130

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

Param		F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	Qr,Qs	Qr,Qs	1	0.00740	mg/L	1	0.100	<0.000200	7	70 - 130	84	20
Toluene	Qr,Qs	Qr,Qs	1	0.0100	mg/L	1	0.100	<0.000300	10	70 - 130	62	20
Ethylbenzene	Qr,Qs	Qr,Qs	1	0.0129	mg/L	1	0.100	<0.000400	13	70 - 130	41	20
Xylene	Qr,Qs	Qr,Qs	1	0.0396	mg/L	1	0.300	<0.00120	13	70 - 130	40	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)	Qsr	Qsr	0.0146	0.0259	mg/L	1	0.1	15	26	70 - 130
4-Bromofluorobenzene (4-BFB)	Qsr	Qsr	0.0166	0.0263	mg/L	1	0.1	17	26	70 - 130

Calibration Standards

Standard (CCV-1)

QC Batch: 104917 | Date Analyzed: 2013-09-11 | Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0850	85	80 - 120	2013-09-11
Toluene		1	mg/L	0.100	0.0860	86	80 - 120	2013-09-11
Ethylbenzene		1	mg/L	0.100	0.0813	81	80 - 120	2013-09-11
Xylene		1	mg/L	0.300	0.248	83	80 - 120	2013-09-11

Standard (CCV-2)

QC Batch: 104917 | Date Analyzed: 2013-09-11 | Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0902	90	80 - 120	2013-09-11
Toluene		1	mg/L	0.100	0.0896	90	80 - 120	2013-09-11
Ethylbenzene		1	mg/L	0.100	0.0850	85	80 - 120	2013-09-11
Xylene		1	mg/L	0.300	0.259	86	80 - 120	2013-09-11

Standard (CCV-3)

QC Batch: 104917 | Date Analyzed: 2013-09-11 | Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0860	86	80 - 120	2013-09-11
Toluene		1	mg/L	0.100	0.0861	86	80 - 120	2013-09-11
Ethylbenzene		1	mg/L	0.100	0.0825	82	80 - 120	2013-09-11
Xylene		1	mg/L	0.300	0.252	84	80 - 120	2013-09-11

Standard (CCV-1)

QC Batch: 105017 | Date Analyzed: 2013-09-13 | Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0839	84	80 - 120	2013-09-13
Toluene		1	mg/L	0.100	0.0844	84	80 - 120	2013-09-13
Ethylbenzene		1	mg/L	0.100	0.0809	81	80 - 120	2013-09-13
Xylene		1	mg/L	0.300	0.247	82	80 - 120	2013-09-13

Standard (CCV-2)

QC Batch: 105017 | Date Analyzed: 2013-09-13 | Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0815	82	80 - 120	2013-09-13
Toluene		1	mg/L	0.100	0.0823	82	80 - 120	2013-09-13
Ethylbenzene		1	mg/L	0.100	0.0800	80	80 - 120	2013-09-13
Xylene		1	mg/L	0.300	0.246	82	80 - 120	2013-09-13

Standard (CCV-3)

QC Batch: 105017 | Date Analyzed: 2013-09-13 | Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0922	92	80 - 120	2013-09-13
Toluene		1	mg/L	0.100	0.0918	92	80 - 120	2013-09-13
Ethylbenzene		1	mg/L	0.100	0.0878	88	80 - 120	2013-09-13
Xylene		1	mg/L	0.300	0.266	89	80 - 120	2013-09-13

Appendix

Report Definitions

Name	Definition
MDL	Method Detection Limit
MQL	Minimum Quantitation Limit
SDL	Sample Detection Limit

Laboratory Certifications

C	Certifying Authority	Certification Number	Laboratory Location
-	NCTRCA	WFWB384444Y0909	TraceAnalysis
-	DBE	VN 20657	TraceAnalysis
-	HUB	1752439743100-86536	TraceAnalysis
-	WBE	237019	TraceAnalysis
1	NELAP	T104704392-12-4	Midland

Standard Flags

F	Description
B	Analyte detected in the corresponding method blank above the method detection limit
H	Analyzed out of hold time
J	Estimated concentration
Jb	The analyte is positively identified and the value is approximated between the SDL and MQL. Sample contains less then ten times the concentration found in the method blank. The result should be considered non-detect to the SDL.
Je	Estimated concentration exceeding calibration range.
MI1	Split peak or shoulder peak
MI2	Instrument software did not integrate
MI3	Instrument software misidentified the peak
MI4	Instrument software integrated improperly
MI5	Baseline correction
Qc	Calibration check outside of laboratory limits.
Qr	RPD outside of laboratory limits
Qs	Spike recovery outside of laboratory limits.
Qsr	Surrogate recovery outside of laboratory limits.
U	The analyte is not detected above the SDL

Result Comments

1 Sample confirmed by reanalysis, surrogates failed due to matrix effect.
2 Sample confirmed by reanalysis, surrogates failed due to matrix effect.

Attachments

The scanned attachments will follow this page.
Please note, each attachment may consist of more than one page.

LAB Order ID # 13083006

Page _____ of _____

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

BioAquatic Testing
2501 Mayes Rd., Ste 100
Carrollton, Texas 75006
Tel (972) 242-7750

Company Name: NOVA

Phone #: 432 520 7720

Address: (Street, City, Zip) 2057 COMMERCE DRIVE

Fax #:

Contact Person: CAMILLE BRYANT

E-mail:

Invoice to:
(If different from above)

Project #:

Project Name: MONUMENT 2

Project Location (including state): NEW MEXICO

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
340547	MW-2	3	VOA	X					X				X			1034	8/29/13
548	MW-8	3	VOA	X					X				X			1240	8/29/13

MTBE 8021 / 602 / 8260 / 624	BTEX 8021 / 602 / 8260 / 624	TPH 418.1 / TX1005 / TX1005 Ext(C35)	TPH 8015 GRO / DRO / TVHC	PAH 8270 / 625	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260 / 624	GC/MS Semi. Vol. 8270 / 625	PCB's 8082 / 608	Pesticides 8081 / 608	BOD, TSS, pH	Moisture Content	Cl, F, SO_4, NO_3-N, NO_2-N, PO_4-P, Alkalinity	Na, Ca, Mg, K, TDS, EC					Turn Around Time if different from standard	Hold
	X																								
	X																								

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
JAMES GENTRY	NOVA	8/30	0817		TA	8/30/13	8:17

INST IR 1
OBS 9.6 °C
COR 3.5 °C

LAB USE ONLY
Intact Y / N
Headspace Y / N / NA
Log-in-Review

REMARKS:

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

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

Carrier #

ORIGINAL COPY

Summary Report

Curt Stanley
Nova Safety & Environmental
2057 Commerce St.
Midland, TX 79703

Report Date: November 25, 2013

Work Order: 13111503

Project Location: Monument-Lea Co., NM
Project Name: TNM Monument #2
SRS #: TNM-Monument 2

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
346631	MW-1	water	2013-11-13	11:40	2013-11-15
346632	MW-3	water	2013-11-13	11:51	2013-11-15
346633	MW-5	water	2013-11-13	12:00	2013-11-15
346634	MW-6	water	2013-11-13	12:15	2013-11-15
346635	MW-7	water	2013-11-13	12:26	2013-11-15
346636	MW-4	water	2013-11-13	12:39	2013-11-15
346637	MW-2	water	2013-11-13	13:02	2013-11-15
346638	MW-8	water	2013-11-13	12:53	2013-11-15

	BTEX			
Sample - Field Code	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)
346631 - MW-1	<0.00100	<0.00100	<0.00100	<0.00100
346632 - MW-3	<0.00100	<0.00100	<0.00100	<0.00100
346633 - MW-5	<0.00100 Qr,Qs	<0.00100 Qr,Qs	<0.00100 Qr,Qs	<0.00300 Qr,Qs
346634 - MW-6	<0.00100	<0.00100	<0.00100	<0.00100
346635 - MW-7	<0.00100	<0.00100	<0.00100	<0.00100
346636 - MW-4	<0.00100	<0.00100	<0.00100	<0.00100
346637 - MW-2	**0.00170** Qr,Qs	<0.00100 Qr,Qs	**0.0147** Qr,Qs	<0.00300 Qr,Qs
346638 - MW-8	**0.0532** Qr,Qs	<0.0500 Qr,Qs	**0.0570** Qr,Qs	<0.150 Qr,Qs

Sample: 346637 - MW-2

Param	Flag	Result	Units	RL
Naphthalene	Qr,Qs	<0.000200	mg/L	0.0002
2-Methylnaphthalene	Qs	<0.000200	mg/L	0.0002
1-Methylnaphthalene	Qr,Qs	<0.000200	mg/L	0.0002
Acenaphthylene	Qs	<0.000200	mg/L	0.0002

continued ...

sample 346637 continued ...

Param	Flag	Result	Units	RL
Acenaphthene	Qr,Qs	<0.000200	mg/L	0.0002
Dibenzofuran	Qr,Qs	<0.000200	mg/L	0.0002
Fluorene	Qs	<0.000200	mg/L	0.0002
Anthracene	Qs	<0.000200	mg/L	0.0002
Phenanthrene	Qs	<0.000200	mg/L	0.0002
Fluoranthene		<0.000200	mg/L	0.0002
Pyrene		<0.000200	mg/L	0.0002
Benzo(a)anthracene	Qs	<0.000200	mg/L	0.0002
Chrysene	Qs	<0.000200	mg/L	0.0002
Benzo(b)fluoranthene	Qr,Qs	<0.000200	mg/L	0.0002
Benzo(k)fluoranthene		<0.000200	mg/L	0.0002
Benzo(a)pyrene	Qs	<0.000200	mg/L	0.0002
Indeno(1,2,3-cd)pyrene	Qs	**0.00223**	mg/L	0.0002
Dibenzo(a,h)anthracene		<0.000200	mg/L	0.0002
Benzo(g,h,i)perylene	Qs	<0.000200	mg/L	0.0002

Sample: 346638 - MW-8

Param	Flag	Result	Units	RL
Naphthalene	Qr,Qs	**0.0447**	mg/L	0.0002
2-Methylnaphthalene	Qs	<0.000200	mg/L	0.0002
1-Methylnaphthalene	Qr,Qs	**0.108**	mg/L	0.0002
Acenaphthylene	Qs	<0.000200	mg/L	0.0002
Acenaphthene	Qr,Qs	<0.000200	mg/L	0.0002
Dibenzofuran	Qr,Qs	<0.000200	mg/L	0.0002
Fluorene	Qs	<0.000200	mg/L	0.0002
Anthracene	Qs	<0.000200	mg/L	0.0002
Phenanthrene	Qs	**0.0192**	mg/L	0.0002
Fluoranthene		<0.000200	mg/L	0.0002
Pyrene		<0.000200	mg/L	0.0002
Benzo(a)anthracene	Qs	<0.000200	mg/L	0.0002
Chrysene	Qs	<0.000200	mg/L	0.0002
Benzo(b)fluoranthene	Qr,Qs	<0.000200	mg/L	0.0002
Benzo(k)fluoranthene		<0.000200	mg/L	0.0002
Benzo(a)pyrene	Qs	<0.000200	mg/L	0.0002
Indeno(1,2,3-cd)pyrene	Qs	<0.000200	mg/L	0.0002
Dibenzo(a,h)anthracene		<0.000200	mg/L	0.0002
Benzo(g,h,i)perylene	Qs	<0.000200	mg/L	0.0002

TRACEANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1298
200 East Sunset Road, Suite E El Paso, Texas 79922 915•585•3443 FAX 915•585•4944
5002 Basin Street, Suite A1 Midland, Texas 79703 432•689•6301 FAX 432•689•6313
(BioAquatic) 2501 Mayes Rd., Suite 100 Carrollton, Texas 75006 972•242•7750
E-Mail: lab@traceanalysis.com WEB: www.traceanalysis.com

Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

Curt Stanley
Nova Safety & Environmental
2057 Commerce St.
Midland, TX, 79703

Report Date: November 25, 2013

Work Order: 13111503

Project Location: Monument-Lea Co., NM
Project Name: TNM Monument #2
Project Number: Monument #2
SRS #: TNM-Monument 2

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
346631	MW-1	water	2013-11-13	11:40	2013-11-15
346632	MW-3	water	2013-11-13	11:51	2013-11-15
346633	MW-5	water	2013-11-13	12:00	2013-11-15
346634	MW-6	water	2013-11-13	12:15	2013-11-15
346635	MW-7	water	2013-11-13	12:26	2013-11-15
346636	MW-4	water	2013-11-13	12:39	2013-11-15
346637	MW-2	water	2013-11-13	13:02	2013-11-15
346638	MW-8	water	2013-11-13	12:53	2013-11-15

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
Dr. Michael Abel, Project Manager

Report Contents

Case Narrative

Samples for project TNM Monument #2 were received by TraceAnalysis, Inc. on 2013-11-15 and assigned to work order 13111503. Samples for work order 13111503 were received intact without headspace and at a temperature of 3.8 C.

Samples were analyzed for the following tests using their respective methods.

Test	Method	Prep Batch	Prep Date	QC Batch	Analysis Date
BTEX	S 8021B	90464	2013-11-18 at 09:22	106864	2013-11-19 at 05:00
BTEX	S 8021B	90494	2013-11-19 at 10:50	106930	2013-11-20 at 15:25
PAH	S 8270D	90641	2013-11-20 at 15:00	107052	2013-11-25 at 15:04

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 13111503 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 346631 - MW-1

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	106864	Date Analyzed:	2013-11-19	Analyzed By:	AK
Prep Batch:	90464	Sample Preparation:	2013-11-18	Prepared By:	AK

Parameter	Flag	Cert	Result	RL Units	Dilution	RL
Benzene	U	2	<0.00100	mg/L	1	0.00100
Toluene	U	2	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	2	<0.00100	mg/L	1	0.00100
Xylene	U	2	<0.00100	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.110	mg/L	1	0.100	110	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0946	mg/L	1	0.100	95	70 - 130

Sample: 346632 - MW-3

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	106864	Date Analyzed:	2013-11-19	Analyzed By:	AK
Prep Batch:	90464	Sample Preparation:	2013-11-18	Prepared By:	AK

Parameter	Flag	Cert	Result	RL Units	Dilution	RL
Benzene	U	2	<0.00100	mg/L	1	0.00100
Toluene	U	2	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	2	<0.00100	mg/L	1	0.00100
Xylene	U	2	<0.00100	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.103	mg/L	1	0.100	103	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0938	mg/L	1	0.100	94	70 - 130

Sample: 346633 - MW-5

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	106930	Date Analyzed:	2013-11-20	Analyzed By:	AK
Prep Batch:	90494	Sample Preparation:	2013-11-19	Prepared By:	AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qr,Qs,U	2	<0.00100	mg/L	1	0.00100
Toluene	Qr,Qs,U	2	<0.00100	mg/L	1	0.00100
Ethylbenzene	Qr,Qs,U	2	<0.00100	mg/L	1	0.00100
Xylene	Qr,Qs,U	2	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0949	mg/L	1	0.100	95	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0873	mg/L	1	0.100	87	70 - 130

Sample: 346634 - MW-6

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	106864	Date Analyzed:	2013-11-19	Analyzed By:	AK
Prep Batch:	90464	Sample Preparation:	2013-11-18	Prepared By:	AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	U	2	<0.00100	mg/L	1	0.00100
Toluene	U	2	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	2	<0.00100	mg/L	1	0.00100
Xylene	U	2	<0.00100	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.105	mg/L	1	0.100	105	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0936	mg/L	1	0.100	94	70 - 130

Sample: 346635 - MW-7

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	106864	Date Analyzed:	2013-11-19	Analyzed By:	AK
Prep Batch:	90464	Sample Preparation:	2013-11-18	Prepared By:	AK

Parameter	Flag	Cert	Result	RL Units	Dilution	RL
Benzene	U	2	<0.00100	mg/L	1	0.00100
Toluene	U	2	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	2	<0.00100	mg/L	1	0.00100
Xylene	U	2	<0.00100	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.102	mg/L	1	0.100	102	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0913	mg/L	1	0.100	91	70 - 130

Sample: 346636 - MW-4

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	106864	Date Analyzed:	2013-11-19	Analyzed By:	AK
Prep Batch:	90464	Sample Preparation:	2013-11-18	Prepared By:	AK

Parameter	Flag	Cert	Result	RL Units	Dilution	RL
Benzene	U	2	<0.00100	mg/L	1	0.00100
Toluene	U	2	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	2	<0.00100	mg/L	1	0.00100
Xylene	U	2	<0.00100	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.104	mg/L	1	0.100	104	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0931	mg/L	1	0.100	93	70 - 130

Sample: 346637 - MW-2

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	106930	Date Analyzed:	2013-11-20	Analyzed By:	AK
Prep Batch:	90494	Sample Preparation:	2013-11-19	Prepared By:	AK

Parameter	Flag	Cert	Result	RL Units	Dilution	RL
Benzene	Qr,Qs	2	**0.00170**	mg/L	1	0.00100
Toluene	Qr,Qs,U	2	<0.00100	mg/L	1	0.00100
Ethylbenzene	Qr,Qs	2	**0.0147**	mg/L	1	0.00100
Xylene	Qr,Qs	2	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0990	mg/L	1	0.100	99	70 - 130
4-Bromofluorobenzene (4-BFB)			0.104	mg/L	1	0.100	104	70 - 130

Sample: 346637 - MW-2

Laboratory:	Lubbock				
Analysis:	PAH	Analytical Method:	S 8270D	Prep Method:	S 3510C
QC Batch:	107052	Date Analyzed:	2013-11-25	Analyzed By:	MN
Prep Batch:	90641	Sample Preparation:	2013-11-20	Prepared By:	MN

Parameter	Flag	Cert	Result	RL Units	Dilution	RL
Naphthalene	Qr,Qs,U	1	<0.000200	mg/L	1	0.000200
2-Methylnaphthalene	Qs,U	1	<0.000200	mg/L	1	0.000200
1-Methylnaphthalene	Qr,Qs,U		<0.000200	mg/L	1	0.000200
Acenaphthylene	Qs,U	1	<0.000200	mg/L	1	0.000200
Acenaphthene	Qr,Qs,U	1	<0.000200	mg/L	1	0.000200
Dibenzofuran	Qr,Qs,U	1	<0.000200	mg/L	1	0.000200
Fluorene	Qs,U	1	<0.000200	mg/L	1	0.000200
Anthracene	Qs,U	1	<0.000200	mg/L	1	0.000200
Phenanthrene	Qs,U	1	<0.000200	mg/L	1	0.000200
Fluoranthene	U	1	<0.000200	mg/L	1	0.000200
Pyrene	U	1	<0.000200	mg/L	1	0.000200
Benzo(a)anthracene	Qs,U	1	<0.000200	mg/L	1	0.000200
Chrysene	Qs,U	1	<0.000200	mg/L	1	0.000200
Benzo(b)fluoranthene	Qr,Qs,U	1	<0.000200	mg/L	1	0.000200
Benzo(k)fluoranthene	U	1	<0.000200	mg/L	1	0.000200
Benzo(a)pyrene	Qs,U	1	<0.000200	mg/L	1	0.000200
Indeno(1,2,3-cd)pyrene	B,Qs	1	**0.00223**	mg/L	1	0.000200
Dibenzo(a,h)anthracene	U	1	<0.000200	mg/L	1	0.000200

continued ...

sample 346637 continued . . .

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzo(g,h,i)perylene	Qs,U	1	<0.000200	mg/L	1	0.000200

Surrogate		Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5	Qsr	Qsr		0.0736	mg/L	1	0.800	9	40 - 110
2-Fluorobiphenyl	Qsr	Qsr		0.0138	mg/L	1	0.800	2	50 - 110
Terphenyl-d14	Qsr	Qsr		0.0156	mg/L	1	0.800	2	50 - 135

Sample: 346638 - MW-8

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	106930	Date Analyzed:	2013-11-20	Analyzed By:	AK
Prep Batch:	90494	Sample Preparation:	2013-11-19	Prepared By:	AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qr,Qs	2	**0.0532**	mg/L	50	0.00100
Toluene	Qr,Qs,U	2	<0.0500	mg/L	50	0.00100
Ethylbenzene	Qr,Qs	2	**0.0570**	mg/L	50	0.00100
Xylene	Qr,Qs,U	2	<0.150	mg/L	50	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			4.66	mg/L	50	5.00	93	70 - 130
4-Bromofluorobenzene (4-BFB)			4.28	mg/L	50	5.00	86	70 - 130

Sample: 346638 - MW-8

Laboratory:	Lubbock				
Analysis:	PAH	Analytical Method:	S 8270D	Prep Method:	S 3510C
QC Batch:	107052	Date Analyzed:	2013-11-25	Analyzed By:	MN
Prep Batch:	90641	Sample Preparation:	2013-11-20	Prepared By:	MN

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Naphthalene	Qr,Qs	1	**0.0447**	mg/L	1	0.000200
2-Methylnaphthalene	Qs,U	1	<0.000200	mg/L	1	0.000200
1-Methylnaphthalene	Qr,Qs		**0.108**	mg/L	1	0.000200

continued . . .

sample 346638 continued . . .

Parameter	Flag	Cert	Result	Units	Dilution	RL
Acenaphthylene	Qs,U	1	<0.000200	mg/L	1	0.000200
Acenaphthene	Qr,Qs,U	1	<0.000200	mg/L	1	0.000200
Dibenzofuran	Qr,Qs,U	1	<0.000200	mg/L	1	0.000200
Fluorene	Qs,U	1	<0.000200	mg/L	1	0.000200
Anthracene	Qs,U	1	<0.000200	mg/L	1	0.000200
Phenanthrene	B,Qs	1	**0.0192**	mg/L	1	0.000200
Fluoranthene	U	1	<0.000200	mg/L	1	0.000200
Pyrene	U	1	<0.000200	mg/L	1	0.000200
Benzo(a)anthracene	Qs,U	1	<0.000200	mg/L	1	0.000200
Chrysene	Qs,U	1	<0.000200	mg/L	1	0.000200
Benzo(b)fluoranthene	Qr,Qs,U	1	<0.000200	mg/L	1	0.000200
Benzo(k)fluoranthene	U	1	<0.000200	mg/L	1	0.000200
Benzo(a)pyrene	Qs,U	1	<0.000200	mg/L	1	0.000200
Indeno(1,2,3-cd)pyrene	Qs,U	1	<0.000200	mg/L	1	0.000200
Dibenzo(a,h)anthracene	U	1	<0.000200	mg/L	1	0.000200
Benzo(g,h,i)perylene	Qs,U	1	<0.000200	mg/L	1	0.000200

Surrogate		Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5	Qsr	Qsr		0.980	mg/L	1	0.800	122	40 - 110
2-Fluorobiphenyl	Qsr	Qsr		1.29	mg/L	1	0.800	161	50 - 110
Terphenyl-d14				0.904	mg/L	1	0.800	113	50 - 135

Method Blanks

Method Blank (1) QC Batch: 106864

QC Batch: 106864 | Date Analyzed: 2013-11-19 | Analyzed By: AK
Prep Batch: 90464 | QC Preparation: 2013-11-18 | Prepared By: AK

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		2	<0.000200	mg/L	0.001
Toluene		2	<0.000300	mg/L	0.001
Ethylbenzene		2	<0.000400	mg/L	0.001
Xylene		2	<0.00120	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.104	mg/L	1	0.100	104	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0915	mg/L	1	0.100	92	70 - 130

Method Blank (1) QC Batch: 106930

QC Batch: 106930 | Date Analyzed: 2013-11-20 | Analyzed By: AK
Prep Batch: 90494 | QC Preparation: 2013-11-19 | Prepared By: AK

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		2	<0.000600	mg/L	0.001
Toluene		2	<0.000400	mg/L	0.001
Ethylbenzene		2	<0.000600	mg/L	0.001
Xylene		2	<0.00130	mg/L	0.003

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0980	mg/L	1	0.100	98	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0857	mg/L	1	0.100	86	70 - 130

Method Blank (1) QC Batch: 107052

QC Batch: 107052 | Date Analyzed: 2013-11-25 | Analyzed By: MN
Prep Batch: 90641 | QC Preparation: 2013-11-20 | Prepared By: MN

Parameter	Flag	Cert	MDL Result	Units	RL
Naphthalene		1	<0.000121	mg/L	0.0002
2-Methylnaphthalene		1	<0.0000913	mg/L	0.0002
1-Methylnaphthalene			<0.000109	mg/L	0.0002
Acenaphthylene		1	<0.000100	mg/L	0.0002
Acenaphthene		1	<0.000122	mg/L	0.0002
Dibenzofuran		1	<0.000108	mg/L	0.0002
Fluorene		1	<0.000100	mg/L	0.0002
Anthracene		1	0.00548	mg/L	0.0002
Phenanthrene		1	0.00556	mg/L	0.0002
Fluoranthene		1	<0.000124	mg/L	0.0002
Pyrene		1	<0.0000691	mg/L	0.0002
Benzo(a)anthracene		1	<0.000101	mg/L	0.0002
Chrysene		1	<0.0000769	mg/L	0.0002
Benzo(b)fluoranthene		1	<0.0000813	mg/L	0.0002
Benzo(k)fluoranthene		1	<0.0000790	mg/L	0.0002
Benzo(a)pyrene		1	<0.0000701	mg/L	0.0002
Indeno(1,2,3-cd)pyrene		1	0.00452	mg/L	0.0002
Dibenzo(a,h)anthracene		1	<0.0000851	mg/L	0.0002
Benzo(g,h,i)perylene		1	0.00406	mg/L	0.0002

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5			0.620	mg/L	1	0.800	78	40 - 110
2-Fluorobiphenyl Qsr	Qsr		1.67	mg/L	1	0.800	209	50 - 110
Terphenyl-d14			0.650	mg/L	1	0.800	81	50 - 135

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 106864 | Date Analyzed: 2013-11-19 | Analyzed By: AK
Prep Batch: 90464 | QC Preparation: 2013-11-18 | Prepared By: AK

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		2	0.0952	mg/L	1	0.100	<0.000200	95	70 - 130
Toluene		2	0.0947	mg/L	1	0.100	<0.000300	95	70 - 130
Ethylbenzene		2	0.0918	mg/L	1	0.100	<0.000400	92	70 - 130
Xylene		2	0.276	mg/L	1	0.300	<0.00120	92	70 - 130

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

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		2	0.0988	mg/L	1	0.100	<0.000200	99	70 - 130	4	20
Toluene		2	0.0983	mg/L	1	0.100	<0.000300	98	70 - 130	4	20
Ethylbenzene		2	0.0950	mg/L	1	0.100	<0.000400	95	70 - 130	3	20
Xylene		2	0.287	mg/L	1	0.300	<0.00120	96	70 - 130	4	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)	0.0985	0.100	mg/L	1	0.100	98	100	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0931	0.0947	mg/L	1	0.100	93	95	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 106930 | Date Analyzed: 2013-11-20 | Analyzed By: AK
Prep Batch: 90494 | QC Preparation: 2013-11-19 | Prepared By: AK

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		2	0.104	mg/L	1	0.100	<0.000600	104	70 - 130
Toluene		2	0.102	mg/L	1	0.100	<0.000400	102	70 - 130
Ethylbenzene		2	0.107	mg/L	1	0.100	<0.000600	107	70 - 130
Xylene		2	0.325	mg/L	1	0.300	<0.00130	108	70 - 130

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

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		2	0.104	mg/L	1	0.100	<0.000600	104	70 - 130	0	20
Toluene		2	0.105	mg/L	1	0.100	<0.000400	105	70 - 130	3	20
Ethylbenzene		2	0.111	mg/L	1	0.100	<0.000600	111	70 - 130	4	20
Xylene		2	0.337	mg/L	1	0.300	<0.00130	112	70 - 130	4	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)	0.101	0.102	mg/L	1	0.100	101	102	70 - 130
4-Bromofluorobenzene (4-BFB)	0.105	0.105	mg/L	1	0.100	105	105	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 107052 | Date Analyzed: 2013-11-25 | Analyzed By: MN
Prep Batch: 90641 | QC Preparation: 2013-11-20 | Prepared By: MN

Param		F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Naphthalene	Qs	Qs	1	0.803	mg/L	1	0.800	<0.000121	100	40 - 100
2-Methylnaphthalene	Qs	Qs	1	0.0370	mg/L	1	0.800	<0.0000913	5	45 - 105
1-Methylnaphthalene				0.864	mg/L	1	0.800	<0.000109	108	34.3 - 120
Acenaphthylene	Qs	Qs	1	3.12	mg/L	1	0.800	<0.000100	390	55 - 105
Acenaphthene	Qs	Qs	1	2.43	mg/L	1	0.800	<0.000122	304	45 - 110
Dibenzofuran	Qs	Qs	1	0.255	mg/L	1	0.800	<0.000108	32	55 - 105
Fluorene	Qs	Qs	1	2.48	mg/L	1	0.800	<0.000100	310	50 - 110
Anthracene			1	0.697	mg/L	1	0.800	0.00548	86	55 - 110
Phenanthrene			1	0.767	mg/L	1	0.800	0.00556	95	50 - 115
Fluoranthene			1	0.814	mg/L	1	0.800	<0.000124	102	55 - 115
Pyrene			1	0.786	mg/L	1	0.800	<0.0000691	98	50 - 130
Benzo(a)anthracene	Qs	Qs	1	0.940	mg/L	1	0.800	<0.000101	118	55 - 110
Chrysene			1	0.656	mg/L	1	0.800	<0.0000769	82	55 - 110
Benzo(b)fluoranthene			1	0.716	mg/L	1	0.800	<0.0000813	90	45 - 120
Benzo(k)fluoranthene			1	0.819	mg/L	1	0.800	<0.0000790	102	45 - 125
Benzo(a)pyrene	Qs	Qs	1	0.994	mg/L	1	0.800	<0.0000701	124	55 - 110
Indeno(1,2,3-cd)pyrene			1	0.846	mg/L	1	0.800	0.00452	105	45 - 125
Dibenzo(a,h)anthracene			1	0.962	mg/L	1	0.800	<0.0000851	120	40 - 125
Benzo(g,h,i)perylene			1	0.865	mg/L	1	0.800	0.00406	108	40 - 125

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

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Naphthalene	Qr,Qs	Qr,Qs	1	1.00	mg/L	1	0.800	<0.000121	125	40 - 100	22	20

continued ...

control spikes continued . . .

Param		F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
2-Methylnaphthalene	Qs	Qs	1	0.0350	mg/L	1	0.800	<0.0000913	4	45 - 105	6	20
1-Methylnaphthalene	Qr,Qs	Qr,Qs		1.09	mg/L	1	0.800	<0.000109	136	34.3 - 120	23	20
Acenaphthylene	Qs	Qs	1	3.20	mg/L	1	0.800	<0.000100	400	55 - 105	2	20
Acenaphthene	Qs	Qs	1	2.79	mg/L	1	0.800	<0.000122	349	45 - 110	14	20
Dibenzofuran	Qr	Qr	1	0.466	mg/L	1	0.800	<0.000108	58	55 - 105	58	20
Fluorene	Qs	Qs	1	2.53	mg/L	1	0.800	<0.000100	316	50 - 110	2	20
Anthracene			1	0.706	mg/L	1	0.800	0.00548	88	55 - 110	1	20
Phenanthrene			1	0.770	mg/L	1	0.800	0.00556	96	50 - 115	0	20
Fluoranthene			1	0.843	mg/L	1	0.800	<0.000124	105	55 - 115	4	20
Pyrene			1	0.954	mg/L	1	0.800	<0.0000691	119	50 - 130	19	20
Benzo(a)anthracene	Qs	Qs	1	1.14	mg/L	1	0.800	<0.000101	142	55 - 110	19	20
Chrysene			1	0.795	mg/L	1	0.800	<0.0000769	99	55 - 110	19	20
Benzo(b)fluoranthene	Qr,Qs	Qr,Qs	1	1.12	mg/L	1	0.800	<0.0000813	140	45 - 120	44	20
Benzo(k)fluoranthene			1	0.887	mg/L	1	0.800	<0.0000790	111	45 - 125	8	20
Benzo(a)pyrene	Qs	Qs	1	1.21	mg/L	1	0.800	<0.0000701	151	55 - 110	20	20
Indeno(1,2,3-cd)pyrene	Qs	Qs	1	1.03	mg/L	1	0.800	0.00452	128	45 - 125	20	20
Dibenzo(a,h)anthracene			1	0.946	mg/L	1	0.800	<0.0000851	118	40 - 125	2	20
Benzo(g,h,i)perylene	Qs	Qs	1	1.05	mg/L	1	0.800	0.00406	131	40 - 125	19	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
Nitrobenzene-d5			0.640	0.795	mg/L	1	0.800	80	99	40 - 110
2-Fluorobiphenyl	Qsr	Qsr	2.40	2.49	mg/L	1	0.800	300	311	50 - 110
Terphenyl-d14			0.633	0.780	mg/L	1	0.800	79	98	50 - 135

Matrix Spike (MS-1) Spiked Sample: 346445

QC Batch: 106864 | Date Analyzed: 2013-11-19 | Analyzed By: AK
Prep Batch: 90464 | QC Preparation: 2013-11-18 | Prepared By: AK

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		2	0.339	mg/L	1	0.100	0.234	105	70 - 130
Toluene		2	0.129	mg/L	1	0.100	0.03	99	70 - 130
Ethylbenzene		2	0.182	mg/L	1	0.100	0.0808	101	70 - 130
Xylene		2	0.316	mg/L	1	0.300	0.0231	98	70 - 130

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

continued . . .

matrix spikes continued ...

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		2	0.346	mg/L	1	0.100	0.234	112	70 - 130	2	20
Toluene		2	0.141	mg/L	1	0.100	0.03	111	70 - 130	9	20
Ethylbenzene		2	0.186	mg/L	1	0.100	0.0808	105	70 - 130	2	20
Xylene		2	0.325	mg/L	1	0.300	0.0231	101	70 - 130	3	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)	0.0934	0.122	mg/L	1	0.1	93	122	70 - 130
4-Bromofluorobenzene (4-BFB)	0.102	0.104	mg/L	1	0.1	102	104	70 - 130

Matrix Spike (MS-1) Spiked Sample: 346766

QC Batch: 106930 | Date Analyzed: 2013-11-20 | Analyzed By: AK
Prep Batch: 90494 | QC Preparation: 2013-11-19 | Prepared By: AK

Param		F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	Qs	Qs	2	0.0535	mg/L	1	0.100	0.0018	52	70 - 130
Toluene	Qs	Qs	2	0.0497	mg/L	1	0.100	<0.000400	50	70 - 130
Ethylbenzene	Qs	Qs	2	0.0497	mg/L	1	0.100	<0.000600	50	70 - 130
Xylene	Qs	Qs	2	0.151	mg/L	1	0.300	<0.00130	50	70 - 130

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

Param		F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	Qr	Qr	2	0.0802	mg/L	1	0.100	0.0018	78	70 - 130	40	20
Toluene	Qr	Qr	2	0.0774	mg/L	1	0.100	<0.000400	77	70 - 130	44	20
Ethylbenzene	Qr	Qr	2	0.0807	mg/L	1	0.100	<0.000600	81	70 - 130	48	20
Xylene	Qr	Qr	2	0.245	mg/L	1	0.300	<0.00130	82	70 - 130	48	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)	0.101	0.101	mg/L	1	0.1	101	101	70 - 130
4-Bromofluorobenzene (4-BFB)	0.100	0.102	mg/L	1	0.1	100	102	70 - 130

Matrix Spike (MS-1) Spiked Sample: 346637

QC Batch: 107052 | Date Analyzed: 2013-11-25 | Analyzed By: MN
Prep Batch: 90641 | QC Preparation: 2013-11-20 | Prepared By: MN

Param		F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Naphthalene			1	0.484	mg/L	1	0.800	<0.000121	60	40 - 100
2-Methylnaphthalene	Qs	Qs	1	0.0340	mg/L	1	0.800	<0.0000913	4	45 - 105
1-Methylnaphthalene				0.491	mg/L	1	0.800	<0.000109	61	34.3 - 120
Acenaphthylene	Qs	Qs	1	0.912	mg/L	1	0.800	<0.000100	114	55 - 105
Acenaphthene	Qs	Qs	1	0.923	mg/L	1	0.800	<0.000122	115	45 - 110
Dibenzofuran			1	0.714	mg/L	1	0.800	<0.000108	89	55 - 105
Fluorene			1	0.751	mg/L	1	0.800	<0.000100	94	50 - 110
Anthracene	Qs	Qs	1	0.347	mg/L	1	0.800	<0.0000791	43	55 - 110
Phenanthrene	Qs	Qs	1	0.388	mg/L	1	0.800	<0.0000824	48	50 - 115
Fluoranthene			1	0.576	mg/L	1	0.800	<0.000124	72	55 - 115
Pyrene			1	0.410	mg/L	1	0.800	<0.0000691	51	50 - 130
Benzo(a)anthracene			1	0.475	mg/L	1	0.800	<0.000101	59	55 - 110
Chrysene	Qs	Qs	1	0.416	mg/L	1	0.800	<0.0000769	52	55 - 110
Benzo(b)fluoranthene			1	0.380	mg/L	1	0.800	<0.0000813	48	45 - 120
Benzo(k)fluoranthene			1	0.362	mg/L	1	0.800	<0.0000790	45	45 - 125
Benzo(a)pyrene	Qs	Qs	1	0.430	mg/L	1	0.800	<0.0000701	54	55 - 110
Indeno(1,2,3-cd)pyrene			1	0.385	mg/L	1	0.800	0.00223	48	45 - 125
Dibenzo(a,h)anthracene			1	0.750	mg/L	1	0.800	<0.0000851	94	40 - 125
Benzo(g,h,i)perylene			1	0.382	mg/L	1	0.800	<0.0000798	48	40 - 125

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

Param		F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Naphthalene			1	0.565	mg/L	1	0.800	<0.000121	71	40 - 100	15	20
2-Methylnaphthalene	Qs	Qs	1	0.0332	mg/L	1	0.800	<0.0000913	4	45 - 105	2	20
1-Methylnaphthalene				0.595	mg/L	1	0.800	<0.000109	74	34.3 - 120	19	20
Acenaphthylene	Qs	Qs	1	0.865	mg/L	1	0.800	<0.000100	108	55 - 105	5	20
Acenaphthene	Qr,Qs	Qr,Qs	1	1.31	mg/L	1	0.800	<0.000122	164	45 - 110	35	20
Dibenzofuran			1	0.694	mg/L	1	0.800	<0.000108	87	55 - 105	3	20
Fluorene			1	0.733	mg/L	1	0.800	<0.000100	92	50 - 110	2	20
Anthracene	Qs	Qs	1	0.350	mg/L	1	0.800	<0.0000791	44	55 - 110	1	20
Phenanthrene	Qs	Qs	1	0.386	mg/L	1	0.800	<0.0000824	48	50 - 115	0	20
Fluoranthene			1	0.698	mg/L	1	0.800	<0.000124	87	55 - 115	19	20
Pyrene			1	0.480	mg/L	1	0.800	<0.0000691	60	50 - 130	16	20
Benzo(a)anthracene			1	0.554	mg/L	1	0.800	<0.000101	69	55 - 110	15	20
Chrysene			1	0.486	mg/L	1	0.800	<0.0000769	61	55 - 110	16	20
Benzo(b)fluoranthene	Qr,Qs	Qr,Qs	1	0.292	mg/L	1	0.800	<0.0000813	36	45 - 120	26	20
Benzo(k)fluoranthene			1	0.384	mg/L	1	0.800	<0.0000790	48	45 - 125	6	20
Benzo(a)pyrene			1	0.508	mg/L	1	0.800	<0.0000701	64	55 - 110	17	20

continued ...

matrix spikes continued ...

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Indeno(1,2,3-cd)pyrene		1	0.454	mg/L	1	0.800	0.00223	57	45 - 125	16	20
Dibenzo(a,h)anthracene		1	0.697	mg/L	1	0.800	<0.0000851	87	40 - 125	7	20
Benzo(g,h,i)perylene		1	0.452	mg/L	1	0.800	<0.0000798	56	40 - 125	17	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
Nitrobenzene-d5	Qsr	Qsr	0.0418	0.0654	mg/L	1	0.8	5	8	40 - 110
2-Fluorobiphenyl	Qsr	Qsr	0.0262	0.0253	mg/L	1	0.8	3	3	50 - 110
Terphenyl-d14	Qsr	Qsr	0.0166	0.0184	mg/L	1	0.8	2	2	50 - 135

Calibration Standards

Standard (CCV-1)

QC Batch: 106864 | Date Analyzed: 2013-11-19 | Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		2	mg/L	0.100	0.100	100	80 - 120	2013-11-19
Toluene		2	mg/L	0.100	0.0988	99	80 - 120	2013-11-19
Ethylbenzene		2	mg/L	0.100	0.0949	95	80 - 120	2013-11-19
Xylene		2	mg/L	0.300	0.286	95	80 - 120	2013-11-19

Standard (CCV-2)

QC Batch: 106864 | Date Analyzed: 2013-11-19 | Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		2	mg/L	0.100	0.0888	89	80 - 120	2013-11-19
Toluene		2	mg/L	0.100	0.0874	87	80 - 120	2013-11-19
Ethylbenzene		2	mg/L	0.100	0.0841	84	80 - 120	2013-11-19
Xylene		2	mg/L	0.300	0.253	84	80 - 120	2013-11-19

Standard (CCV-3)

QC Batch: 106864 | Date Analyzed: 2013-11-19 | Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		2	mg/L	0.100	0.100	100	80 - 120	2013-11-19
Toluene		2	mg/L	0.100	0.0989	99	80 - 120	2013-11-19
Ethylbenzene		2	mg/L	0.100	0.0956	96	80 - 120	2013-11-19
Xylene		2	mg/L	0.300	0.287	96	80 - 120	2013-11-19

Standard (CCV-1)

QC Batch: 106930 Date Analyzed: 2013-11-20 Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		2	mg/L	0.100	0.101	101	80 - 120	2013-11-20
Toluene		2	mg/L	0.100	0.100	100	80 - 120	2013-11-20
Ethylbenzene		2	mg/L	0.100	0.106	106	80 - 120	2013-11-20
Xylene		2	mg/L	0.300	0.321	107	80 - 120	2013-11-20

Standard (CCV-2)

QC Batch: 106930 Date Analyzed: 2013-11-20 Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		2	mg/L	0.100	0.102	102	80 - 120	2013-11-20
Toluene		2	mg/L	0.100	0.101	101	80 - 120	2013-11-20
Ethylbenzene		2	mg/L	0.100	0.106	106	80 - 120	2013-11-20
Xylene		2	mg/L	0.300	0.322	107	80 - 120	2013-11-20

Standard (CCV-3)

QC Batch: 106930 Date Analyzed: 2013-11-20 Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		2	mg/L	0.100	0.0975	98	80 - 120	2013-11-20
Toluene		2	mg/L	0.100	0.0956	96	80 - 120	2013-11-20
Ethylbenzene		2	mg/L	0.100	0.101	101	80 - 120	2013-11-20
Xylene		2	mg/L	0.300	0.304	101	80 - 120	2013-11-20

Standard (CCV-1)

QC Batch: 107052 Date Analyzed: 2013-11-25 Analyzed By: MN

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Naphthalene		1	mg/L	60.0	62.5	104	80 - 120	2013-11-25
2-Methylnaphthalene		1	mg/L	60.0	62.6	104	80 - 120	2013-11-25
1-Methylnaphthalene			mg/L	60.0	64.6	108	80 - 120	2013-11-25
Acenaphthylene		1	mg/L	60.0	60.4	101	80 - 120	2013-11-25
Acenaphthene		1	mg/L	60.0	53.2	89	80 - 120	2013-11-25
Dibenzofuran		1	mg/L	60.0	57.5	96	80 - 120	2013-11-25
Fluorene		1	mg/L	60.0	65.3	109	80 - 120	2013-11-25
Anthracene		1	mg/L	60.0	51.9	86	80 - 120	2013-11-25
Phenanthrene		1	mg/L	60.0	50.2	84	80 - 120	2013-11-25
Fluoranthene		1	mg/L	60.0	64.5	108	80 - 120	2013-11-25
Pyrene		1	mg/L	60.0	57.0	95	80 - 120	2013-11-25
Benzo(a)anthracene		1	mg/L	60.0	58.3	97	80 - 120	2013-11-25
Chrysene		1	mg/L	60.0	58.4	97	80 - 120	2013-11-25
Benzo(b)fluoranthene		1	mg/L	60.0	60.6	101	80 - 120	2013-11-25
Benzo(k)fluoranthene		1	mg/L	60.0	58.1	97	80 - 120	2013-11-25
Benzo(a)pyrene		1	mg/L	60.0	59.3	99	80 - 120	2013-11-25
Indeno(1,2,3-cd)pyrene		1	mg/L	60.0	59.7	100	80 - 120	2013-11-25
Dibenzo(a,h)anthracene		1	mg/L	60.0	49.2	82	80 - 120	2013-11-25
Benzo(g,h,i)perylene		1	mg/L	60.0	58.4	97	80 - 120	2013-11-25

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limit
Nitrobenzene-d5			60.6	mg/L	1	60.0	101	-
2-Fluorobiphenyl			64.3	mg/L	1	60.0	107	-
Terphenyl-d14			55.6	mg/L	1	60.0	93	-

Appendix

Report Definitions

Name	Definition
MDL	Method Detection Limit
MQL	Minimum Quantitation Limit
SDL	Sample Detection Limit

Laboratory Certifications

C	Certifying Authority	Certification Number	Laboratory Location
-	NCTRCA	WFWB384444Y0909	TraceAnalysis
-	DBE	VN 20657	TraceAnalysis
-	HUB	1752439743100-86536	TraceAnalysis
-	WBE	237019	TraceAnalysis
1	NELAP	T104704219-13-9	Lubbock
2	NELAP	T104704392-13-7	Midland

Standard Flags

F	Description
B	Analyte detected in the corresponding method blank above the method detection limit
H	Analyzed out of hold time
J	Estimated concentration
Jb	The analyte is positively identified and the value is approximated between the SDL and MQL. Sample contains less then ten times the concentration found in the method blank. The result should be considered non-detect to the SDL.
Je	Estimated concentration exceeding calibration range.
MI1	Split peak or shoulder peak
MI2	Instrument software did not integrate
MI3	Instrument software misidentified the peak
MI4	Instrument software integrated improperly
MI5	Baseline correction
Qc	Calibration check outside of laboratory limits.
Qr	RPD outside of laboratory limits
Qs	Spike recovery outside of laboratory limits.
Qsr	Surrogate recovery outside of laboratory limits.
U	The analyte is not detected above the SDL

Attachments

The scanned attachments will follow this page.
Please note, each attachment may consist of more than one page.

LAB Order ID # 13111503

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

BioAquatic Testing, 2501 Mayes Rd., Ste 100, **Carrollton, Texas 75006**, Tel (972) 242-7750

Brandon & Clark, 3403 Industrial Blvd., **Hobbs, NM 88240**, Tel (575) 392-7561, Fax (575) 392-4508

Company Name: Nova
Phone #: 432 520 7720
Address: (Street, City, Zip) 2057 Commerce Dr
Fax #:
Contact Person: Curt Stanley
E-mail:
Invoice to: (If different from above)
Project #: TNM-Monument 2
Project Name: Monument 2
Project Location (including state): NM
Sampler Signature: [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
346631	mw-1	3	VOA	X				X				X		11/13/13	1140
632	mw-3	↓	↓	↓				↓				↓		↓	1151
633	mw-5	↓	↓	↓				↓				↓		↓	1200
634	mw-6	↓	↓	↓				↓				↓		↓	1215
635	mw-7	↓	↓	↓				↓				↓		↓	1226
636	mw-4	↓	↓	↓				↓				↓		↓	1239
637	mw-82	6	↓	↓				X				↓		↓	1302 ~~1253~~
638	mw-8	6	↓	↓				X				↓		↓	1258 ~~1302~~

LAB #	MTBE 8021 / 602 / 8260 / 624	BTEX (8021) / 602 / 8260 / 624	TPH 418.1 / TX1005 / TX1005 Ext(C35)	TPH 8015 GRO / DRO / TVHC	(PAH 8270) / 625	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260 / 624	GC/MS Semi. Vol. 8270 / 625	PCB's 8082 / 608	Pesticides 8081 / 608	BOD, TSS, pH	Moisture Content	Cl, F, SO_4, NO_3-N, NO_2-N, PO_4-P, Alkalinity	Na, Ca, Mg, K, TDS, EC	Turn Around Time if different from standard	Hold
346631		X																			
632		X																			
633		X																			
634		X																			
635		X																			
636		X																			
637		X			X																
638		X			X																

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	
John Flores	Nova	11/15/13	8:05	[signature]	TA	11/15/13	8:05	INST R1, OBS 3.9 °C, COR 3.8 °C
[signature]	TA	11/15/13	15:30					INST, OBS °C, COR °C
				Brenda Ward	TA Lubbock	11/19/13	9:30	INST IR3, OBS 4.0 °C, COR 3.9 °C

LAB USE ONLY
Intact Y / N
Headspace Y / N / NA
Log-in-Review KC

REMARKS: Midland - BTEX
Lubbock - PAH

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

Carrier # Cargo LS ZQ 589449

To: 'Camille Bryant'[cbryant@novatraining.cc]
From: Jason Henry
Sent: Mon 7/22/2013 7:32:26 PM
Importance: **Normal**
Subject: FW: Anticipated Actions Approval (2012 Report) (1R-110) - Plains Monument 2 Release Site

From: Hansen, Edward J., EMNRD [mailto:edwardj.hansen@state.nm.us]
Sent: Wednesday, July 17, 2013 6:20 PM
To: Jason Henry
Cc: Leking, Geoffrey R, EMNRD; Jeffrey P Dann
Subject: Anticipated Actions Approval (2012 Report) (1R-110) - Plains Monument 2 Release Site

RE: Annual Monitoring Report (2012) for the Plains Marketing's

Monument 2 Release Site (1R-110)

Unit M, Section 6, T20S, R37E, NMPM, Lea County, New Mexico

Anticipated Actions Approval

Dear Mr. Henry:

The New Mexico Oil Conservation Division (OCD) has received Plains' report (including proposed "Anticipated Actions") the above-referenced site (dated March 2013). The above-referenced report, submitted in partial fulfillment of 19.15.29 NMAC (Rule 29, formally, Rule 116), indicates that Plains has partially met the requirements of 19.15.29 NMAC for this site. Therefore, the OCD hereby approves the Anticipated Actions for the Monument 2 Release Site.

Please be advised that OCD approval of this report does not relieve the owner/operator of responsibility should operations pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the owner/operator of responsibility for compliance with any OCD, federal, state, or local

laws and/or regulations.

Thank you for your cooperation in this matter. If you have any questions regarding this matter, please contact at 505-476-3489.

Edward J. Hansen

Hydrologist

Environmental Bureau