2014
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:

TRC Solutions, Inc.
2057 Commerce Street
Midland, Texas 79703

March 2015

Geoffrey Leking
Senior Project Manager

Brittan K. Byerly, P.G.
Managing Principal, Remediation

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INTRODUCTION

On behalf of Plains Marketing, L.P., (Plains), TRC Solutions, Inc. (TRC) is pleased to submit this 2014 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 TRC, formerly NOVA Safety and Environmental (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 2014 only. However, historic data tables as well as 2014 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 2014 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 A. 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) exhibited a sporadic measurable thickness of PSH during the reporting period. The average thickness of PSH in monitor well MW-8 was 0.04 feet. The maximum thickness of PSH was 0.39 feet on August 21, 2014. During the reporting period approximately 3.5 gallons of PSH were recovered from monitor well MW-8. Approximately 55.7 gallons (1.33 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 24, May 29, August 29, and November 13, 2014. During each sampling event, the monitor wells were purged of a minimum of three (3) 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 2014 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 2014 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 2014. 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 2014 are summarized in Table 2 and the historic PAH constituent concentrations are summarized in Table 3. Copies of the laboratory reports generated for 2014 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 laboratory method detection limit (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 since the 2nd quarter of 2003. 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 <0.00100 mg/L during the 1st and 2nd quarters to 0.00420 mg/L during the 3rd quarter of 2014. Benzene concentrations were below NMOCD regulatory guidelines of 0.01 mg/L, during the four (4) quarters of the reporting period. Analytical results indicate toluene concentrations ranged from <0.00100 mg/L during the 2nd and 4th quarters to 0.0115 mg/L during the 1st quarter of 2014. Toluene concentrations were below the NMOCD regulatory guideline of 0.75 mg/L during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from <0.00100 mg/L during the 2nd quarter to 0.0163 mg/L during the 1st quarter of 2014. Ethylbenzene concentrations were below NMOCD regulatory guideline of 0.75 mg/L, during the four (4) quarters of the reporting period. Xylene concentrations ranged from <0.00300 mg/L during the 2nd quarter to 0.00560 mg/L during the 1st quarter of 2014. Xylene concentrations were below NMOCD regulatory guideline of 0.62 mg/L during the four (4) quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards of 1-methylnaphthalene (0.0500 mg/L).

Note, monitor well MW-2 was inadvertently resampled for BTEX constituents on November 15, 2014. The analytical results indicate BTEX constituent concentrations were 0.00420 mg/Kg, <0.00100 mg/Kg, 0.0126 mg/Kg, and 0.00870 mg/Kg, respectively during the November 15, 2014 sampling event.

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. The analytical results indicate BTEX constituent concentrations have been below NMOCD guidelines since 3rd quarter of 2008. 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 constituent concentrations have been below NMOCD regulatory guidelines since the 2nd quarter of 2008. 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 constituent concentrations have been below NMOCD regulatory guidelines since the 3rd quarter of 2008. 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 constituent concentrations have been below NMOCD regulatory guidelines since the 3rd quarter of 1999. 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 constituent concentrations have been below NMOCD regulatory guidelines since the 2nd quarter of 2001. PAH analysis was not conducted during the 4th quarter sampling event.

Monitor well MW-8 is sampled on a quarterly schedule. Monitor well MW-8 was not sampled during the 1st and 2nd quarters of 2014 due to the presence of PSH. PSH thicknesses of 0.06 feet and 0.01 feet were reported during the 1st and 2nd quarters of the reporting period. Monitor well MW-8 was sampled in the 3rd and 4th quarters and analytical results indicate benzene concentrations ranged from 0.00690 mg/L during the 4th quarter to 0.0660 mg/L during the 3rd quarter of 2014. Benzene concentrations were above NMOCD regulatory guideline during the 3rd quarter of the reporting period. Toluene concentrations ranged from 0.0010 mg/L during the 3rd quarter to 0.00400 mg/L during the 4th quarter of 2014. Toluene concentrations were below the NMOCD regulatory guidelines during the 3rd and 4th quarters of 2014. Ethylbenzene concentrations ranged from 0.0415 mg/L during the 4th quarter to 0.0477 mg/L during the 3rd quarter of 2014. Ethylbenzene concentrations were below NMOCD regulatory guideline during the 3rd and 4th quarters of the reporting period. Xylene concentrations ranged from 0.0488 mg/L during the 3rd quarter to 0.127 mg/L during the 4th quarter of 2014. Xylene concentrations were below NMOCD regulatory guideline during the 3rd and 4th quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for naphthalene (0.113 mg/L), 1-methylnaphthalene (1.29 mg/L) and 2-methylnaphthalene (0.486 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 2014 annual monitoring period. Currently, there are eight (8) 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 sporadically reported in monitor well (MW-8) during the 1st, 2nd, 3rd, and 4th quarters of the reporting period. The average thickness of PSH in monitor well MW-8 was 0.04 feet. The maximum thickness of PSH was 0.39 feet on August 21, 2014.

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 3rd 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 2015.

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 Revised Soil Investigation Work Plan will be submitted to the NMOCD in the first quarter of 2015. Following the completion of the activities in the work plan, A Proposed Soil Closure Strategy will be prepared and submitted to the NMOCD. 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.

A 2015 annual monitoring report will be submitted to the NMOCD by April 1, 2016.

LIMITATIONS

TRC has prepared this 2014 Annual Monitoring Report to the best of its ability. No other warranty, expressed or implied, is made or intended.

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

DISTRIBUTION

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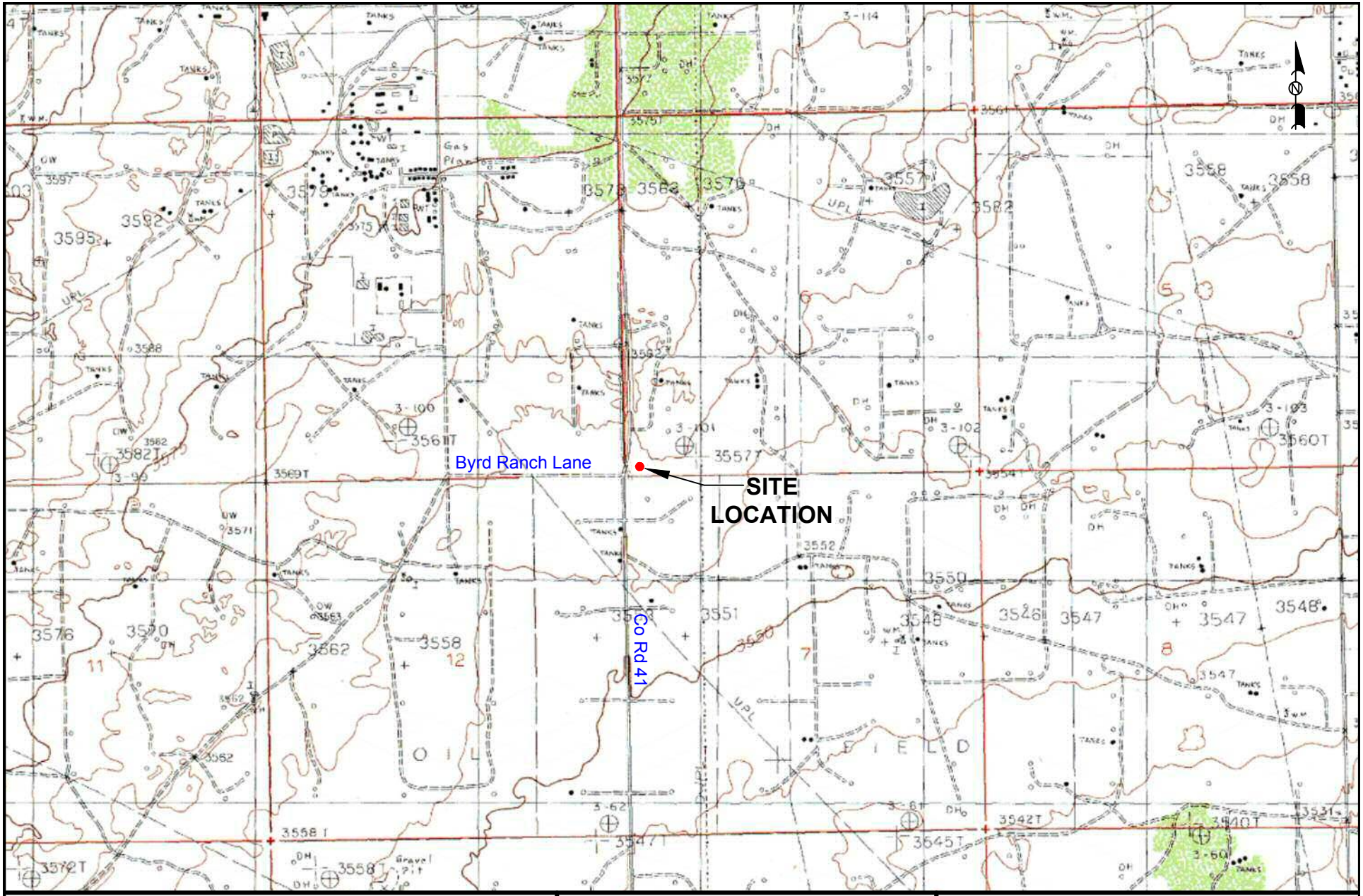
Figures



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

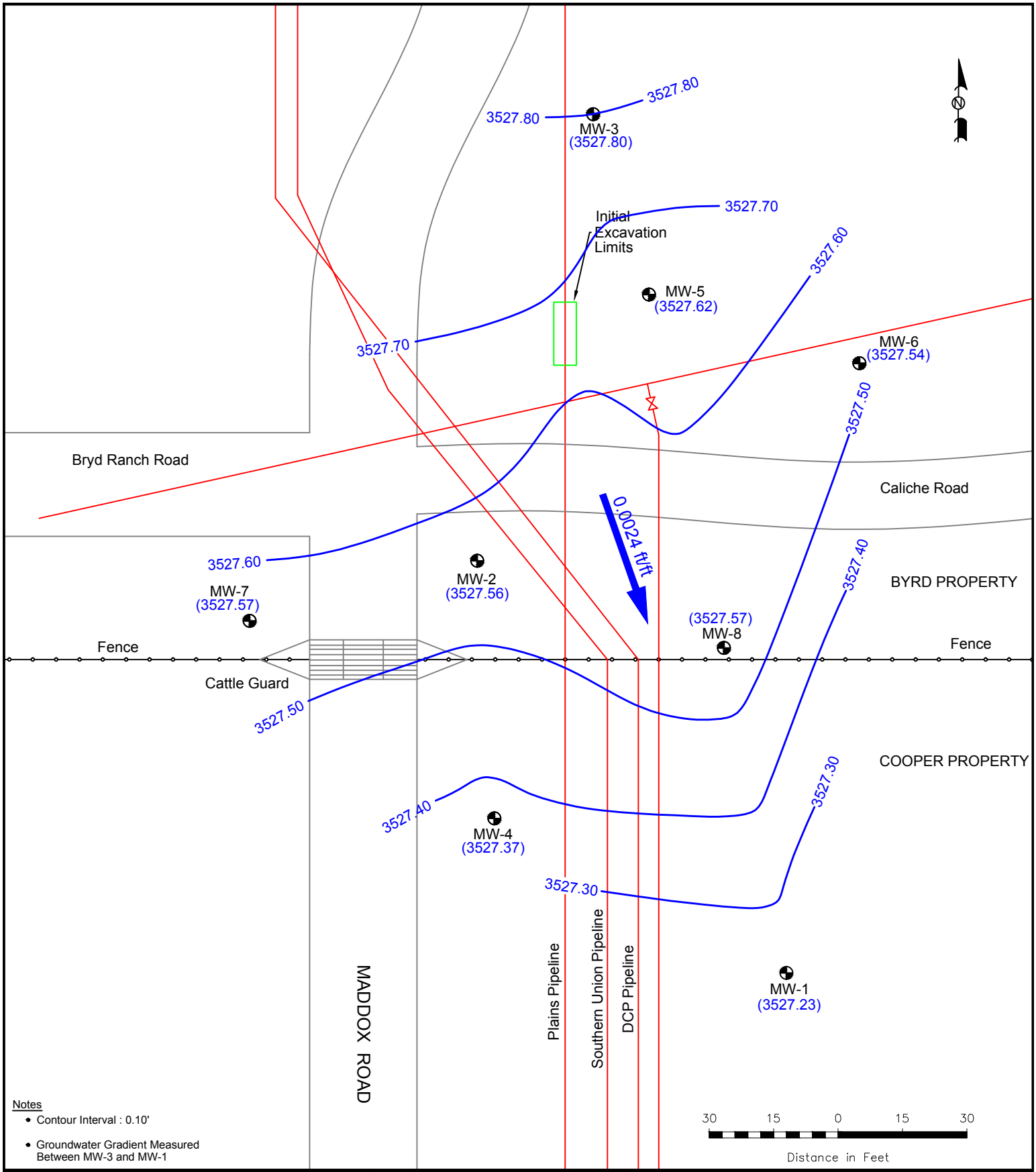
NOVA safety and environmental

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
(2/24/2014)
Plains Marketing, L.P.
Monument 2
Lea County, NM
NMOCD Reference # 1R-0110

NOVA safety and environmental
2057 Commerce Drive
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www.novasafetyandenvironmental.com

April 14, 2014	Scale: 1" = 30'	CAD By: TA	Checked By: CS
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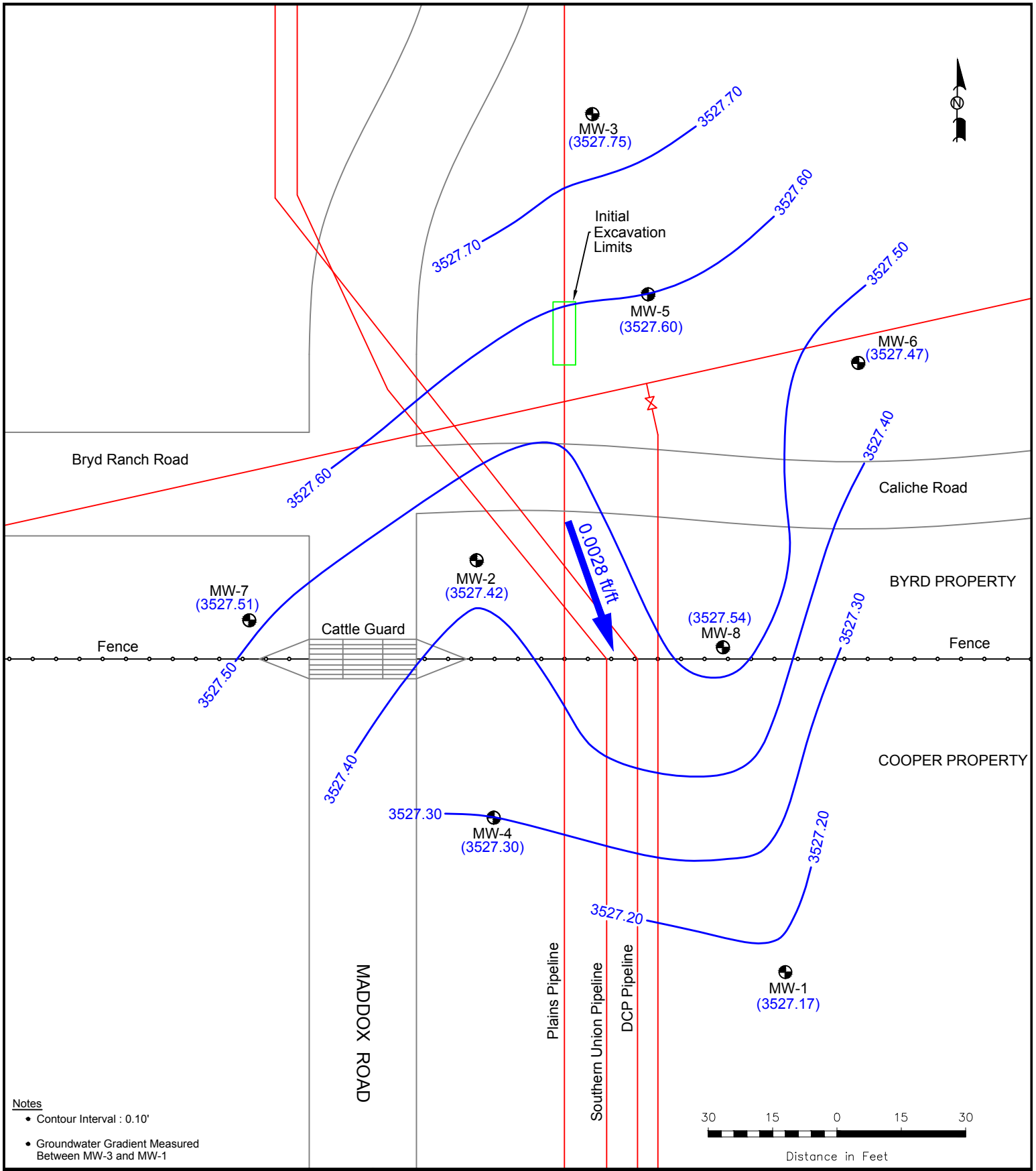

Notes
- Contour Interval : 0.10'
- Groundwater Gradient Measured Between MW-3 and MW-1

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
(5/29/2014)
Plains Marketing, L.P.
Monument 2
Lea County, NM
NMOCD Reference # 1R-0110

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June 25, 2014	Scale: 1" = 30'	CAD By: TA	Checked By: CS

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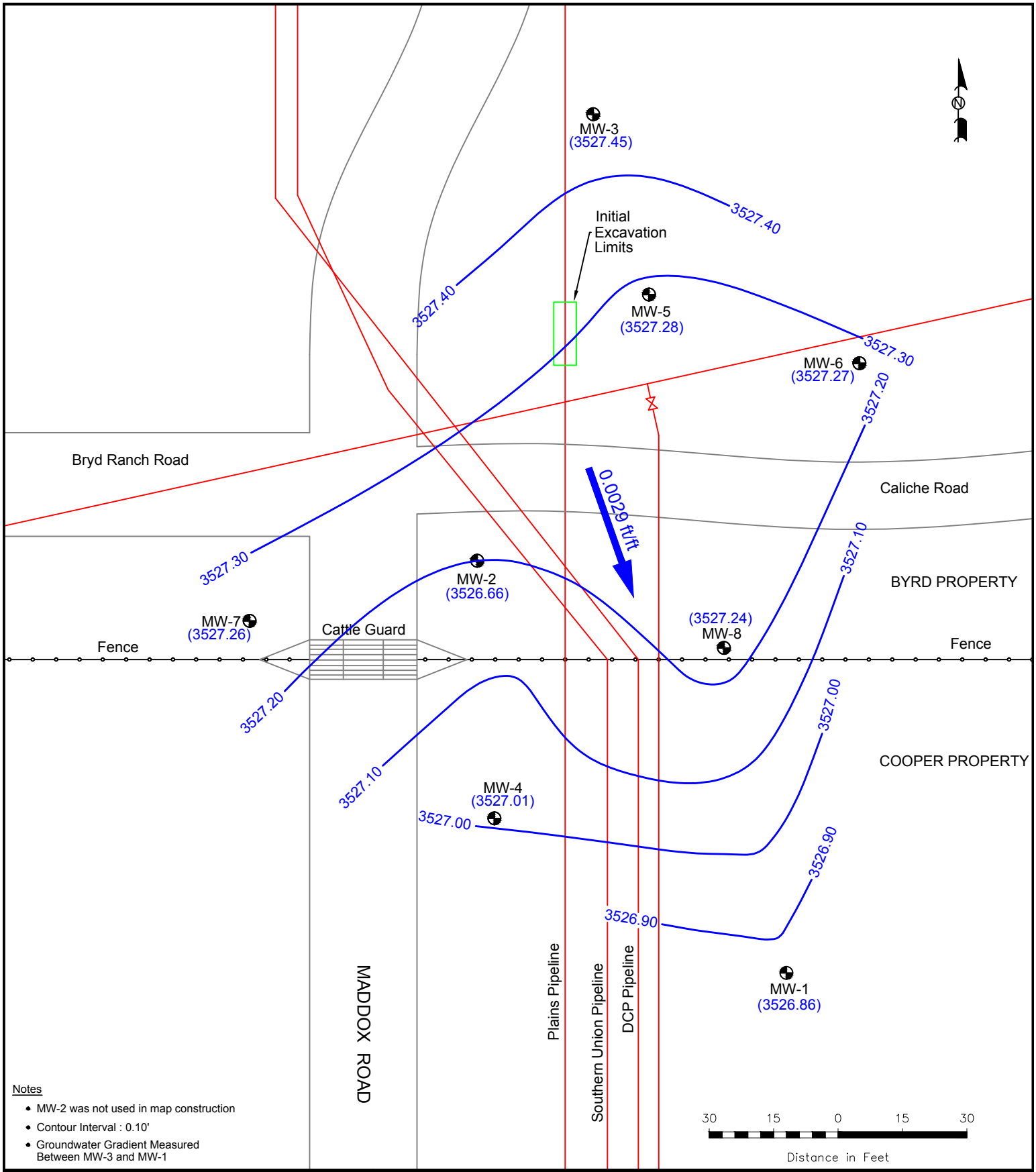

Notes

- MW-2 was not used in map construction
- 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
(8/29/2014)
Plains Marketing, L.P.
Monument 2
Lea County, NM
NMOCD Reference # 1R-0110

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September 26, 2014	Scale: 1" = 30'	CAD By: TA	Checked By: CS

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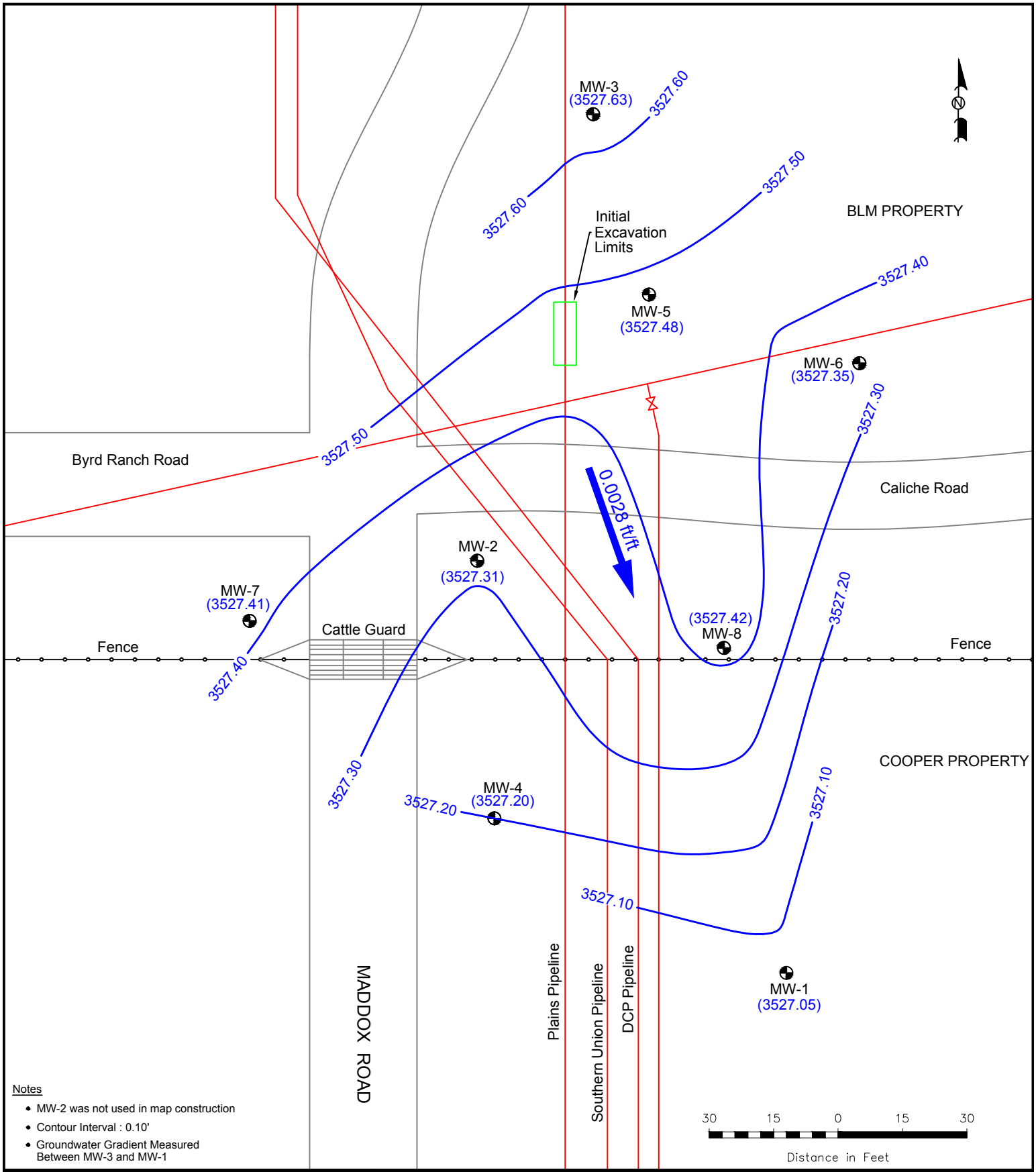

Notes

- MW-2 was not used in map construction
- 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
(11/13/2014)
Plains Marketing, L.P.
Monument 2
Lea County, NM
NMOCD Reference # 1R-0110

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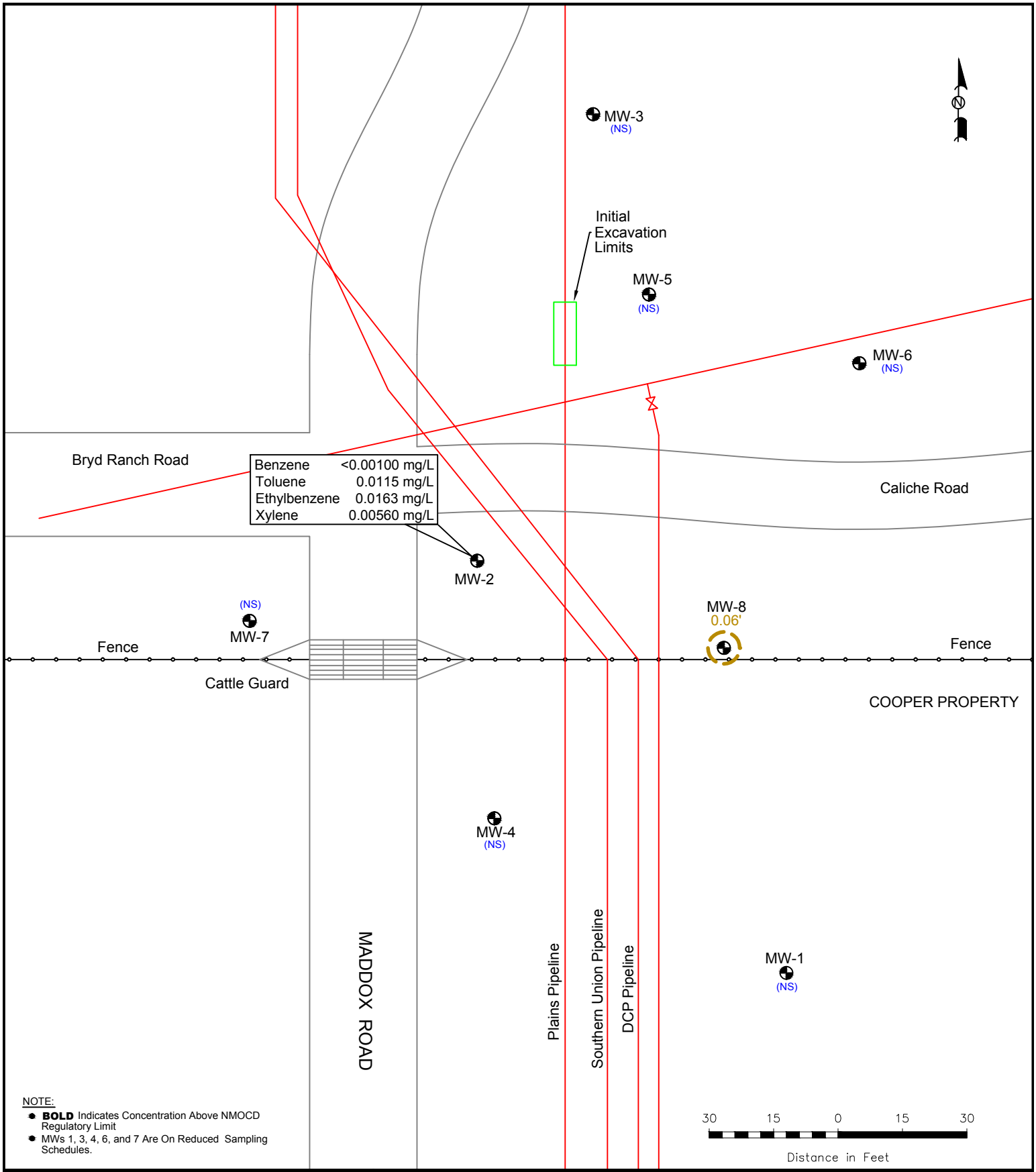

Figure 3A
Groundwater Concentration and Inferred PSH Extent (2/24/2014)
Plains Marketing, L.P.
Monument 2
Lea County, NM
NMOCD Reference # 1R-0110

NOVA safety and environmental
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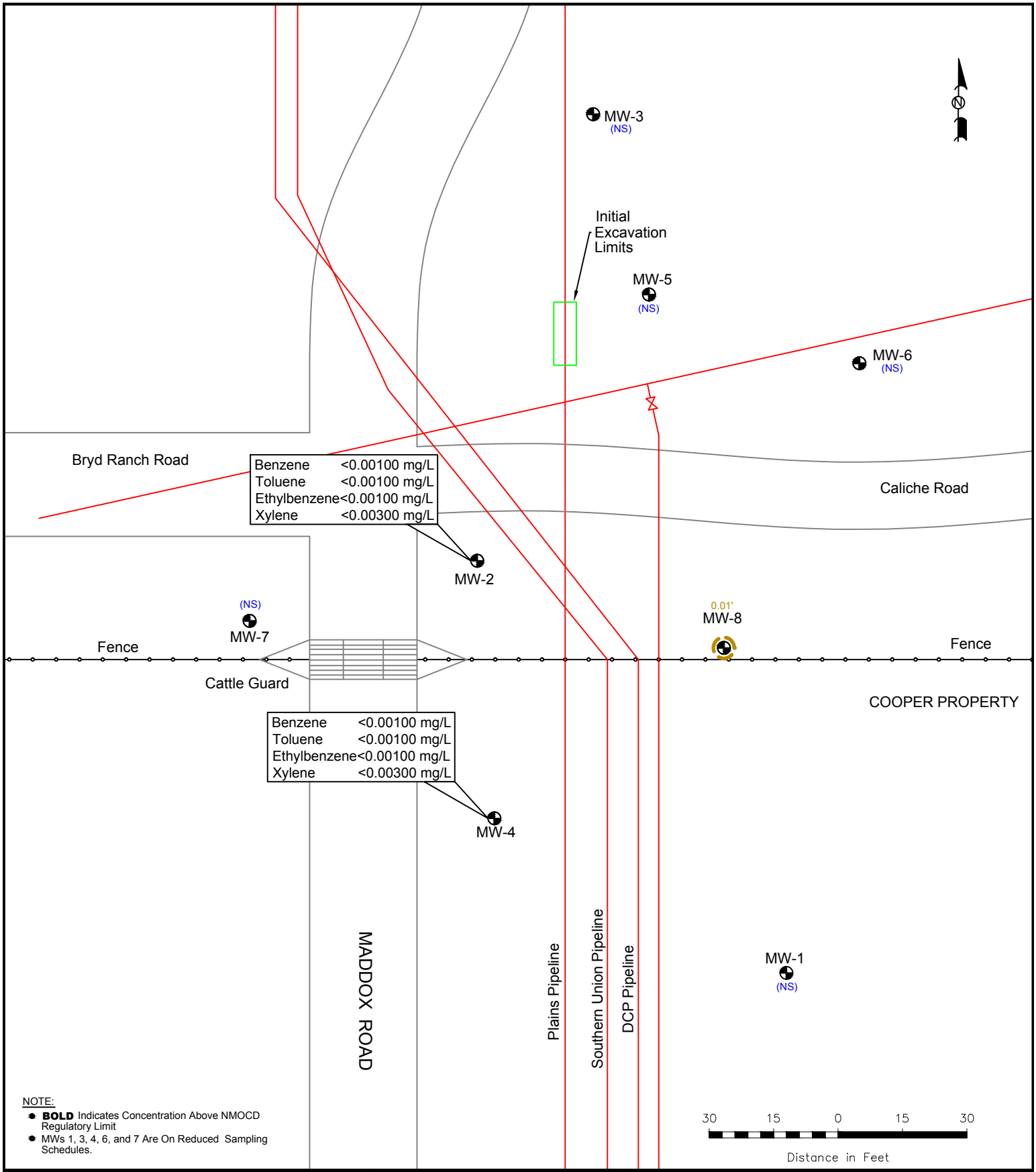
April 14, 2014	Scale: 1" = 30'	CAD By: TA	Checked By: CJB
Lat. N 32° 35' 42.4" Long. W 103° 17' 56.5"			



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
—o—	Fence
<0.001	Constituent Concentration (mg/L)
▬▬	Inferred PSH Extent
0.18'	Thickness of PSH (feet)

Figure 3B
Groundwater Concentration and Inferred PSH Extent (5/29/2014)
Plains Marketing, L.P.
Monument 2
Lea County, NM
NMOCD Reference # 1R-0110

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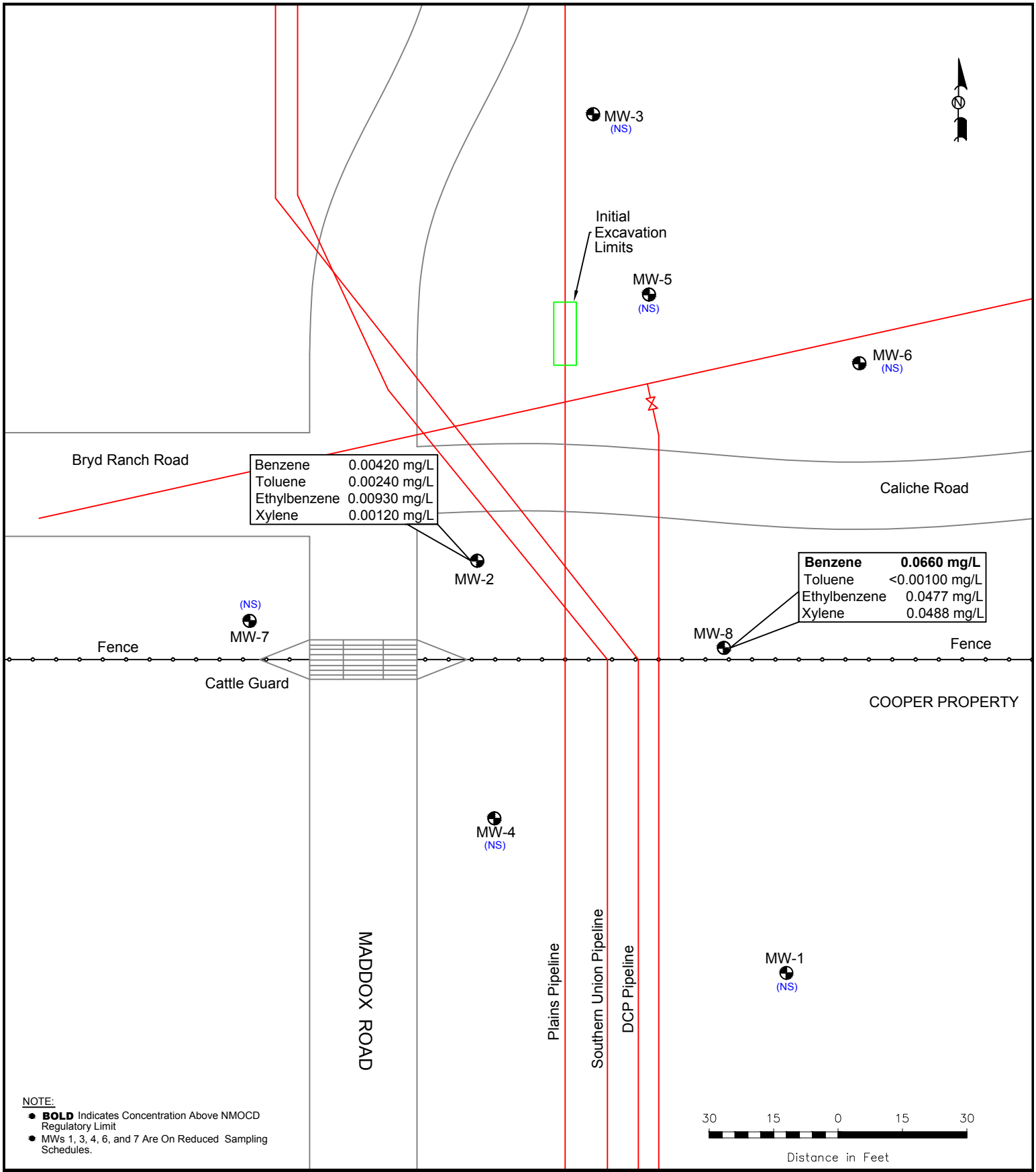
June 26, 2014	Scale: 1" = 30'	CAD By: TA	Checked By: CS

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
—o—	Fence
<0.001	Constituent Concentration (mg/L)
	Inferred PSH Extent
0.18'	Thickness of PSH (feet)

Figure 3C
Groundwater Concentration and Inferred PSH Extent (8/29/2014)
Plains Marketing, L.P.
Monument 2
Lea County, NM
NMOCD Reference # 1R-0110

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September 26, 2014	Scale: 1" = 30'	CAD By: TA	Checked By: CS
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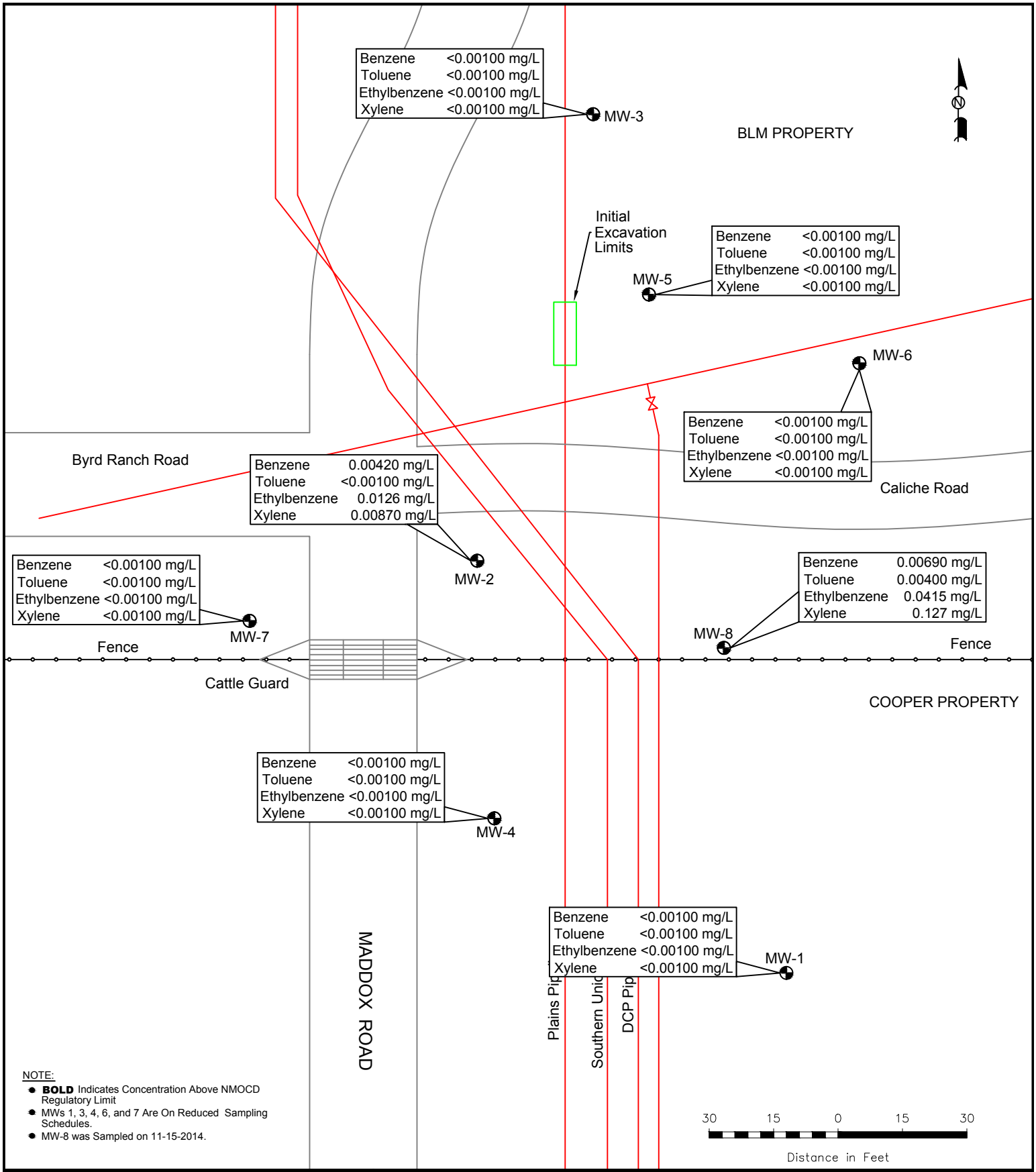

NOTE:

- **BOLD** Indicates Concentration Above NMOCD Regulatory Limit
- MWs 1, 3, 4, 6, and 7 Are On Reduced Sampling Schedules.
- MW-8 was Sampled on 11-15-2014.

LEGEND:

- Monitor Well Location (NS) Not Sampled
- Pipeline
- Fence
- <0.001 Constituent Concentration (mg/L)
- Inferred PSH Extent
- 0.18' Thickness of PSH (feet)

Figure 3D
Groundwater Concentration and Inferred PSH Extent (11/13/2014)
Plains Marketing, L.P.
Monument 2
Lea County, NM
NMOCD Reference # 1R-0110

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December 16, 2014	Scale: 1" = 30'	CAD By: TA	Checked By: CS

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

Tables

TABLE 1

2014 GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	*02/24/14*	3,560.60	-	33.37	0.00	3527.23
MW - 1	*05/29/14*	3,560.60	-	33.43	0.00	3527.17
MW - 1	06/19/14	3,560.60	-	33.73	0.00	3526.87
MW - 1	07/28/14	3,560.60	-	33.62	0.00	3526.98
MW - 1	*08/29/14*	3,560.60	-	33.74	0.00	3526.86
MW - 1	10/29/14	3,560.60	-	33.55	0.00	3527.05
MW - 1	*11/12/14*	3,560.60	-	33.55	0.00	3527.05
MW - 2	01/06/14	3,561.14	-	33.63	0.00	3527.51
MW - 2	01/17/14	3,561.14	-	33.57	0.00	3527.57
MW - 2	02/18/14	3,561.14	-	33.61	0.00	3527.53
MW - 2	*02/24/14*	3,561.14	-	33.58	0.00	3527.56
MW - 2	03/20/14	3,561.14	-	33.62	0.00	3527.52
MW - 2	03/28/14	3,561.14	-	33.61	0.00	3527.53
MW - 2	04/03/14	3,561.14	-	33.71	0.00	3527.43
MW - 2	04/15/14	3,561.14	-	33.63	0.00	3527.51
MW - 2	05/08/14	3,561.14	-	33.66	0.00	3527.48
MW - 2	*05/29/14*	3,561.14	-	33.72	0.00	3527.42
MW - 2	06/03/14	3,561.14	-	33.69	0.00	3527.45
MW - 2	07/11/14	3,561.14	-	33.79	0.00	3527.35
MW - 2	07/14/14	3,561.14	-	33.83	0.00	3527.31
MW - 2	07/28/14	3,561.14	-	33.90	0.00	3527.24
MW - 2	07/29/14	3,561.14	-	33.90	0.00	3527.24
MW - 2	08/05/14	3,561.14	-	33.90	0.00	3527.24
MW - 2	08/21/14	3,561.14	-	33.91	0.00	3527.23
MW - 2	*08/29/14*	3,561.14	-	33.94	0.00	3527.20
MW - 2	09/25/14	3,561.14	-	33.95	0.00	3527.19
MW - 2	10/17/14	3,561.14	-	33.81	0.00	3527.33
MW - 2	10/29/14	3,561.14	-	33.80	0.00	3527.34
MW - 2	10/30/14	3,561.14	-	33.64	0.00	3527.50
MW - 2	*11/12/14*	3,561.14	-	33.83	0.00	3527.31
MW - 2	11/15/14	3,561.14	-	33.81	0.00	3527.33
MW - 2	12/01/14	3,561.14	-	33.76	0.00	3527.38
MW - 2	12/10/14	3,561.14	-	33.74	0.00	3527.40
MW - 2	12/24/14	3,561.14	-	33.71	0.00	3527.43
MW - 3	*02/24/14*	3,560.39	-	32.59	0.00	3527.80
MW - 3	*05/29/14*	3,560.39	-	32.64	0.00	3527.75
MW - 3	07/28/14	3,560.39	-	32.88	0.00	3527.51
MW - 3	*08/29/14*	3,560.39	-	32.94	0.00	3527.45
MW - 3	10/29/14	3,560.39	-	32.78	0.00	3527.61
MW - 3	*11/12/14*	3,560.39	-	32.76	0.00	3527.63

TABLE 1

2014 GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	*02/24/14*	3,561.08	-	33.71	0.00	3527.37
MW - 4	*05/29/14*	3,561.08	-	33.78	0.00	3527.30
MW - 4	07/28/14	3,561.08	-	33.96	0.00	3527.12
MW - 4	*08/29/14*	3,561.08	-	34.07	0.00	3527.01
MW - 4	10/29/14	3,561.08	-	33.88	0.00	3527.20
MW - 4	*11/12/14*	3,561.08	-	33.88	0.00	3527.20
MW - 5	*02/24/14*	3,560.20	-	32.58	0.00	3527.62
MW - 5	*05/29/14*	3,560.20	-	32.60	0.00	3527.60
MW - 5	07/28/14	3,560.20	-	32.82	0.00	3527.38
MW - 5	*08/29/14*	3,560.20	-	32.92	0.00	3527.28
MW - 5	*10/29/14*	3,560.20	-	32.73	0.00	3527.47
MW - 5	*11/12/14*	3,560.20	-	32.72	0.00	3527.48
MW - 6	*02/24/14*	3,560.32	-	32.78	0.00	3527.54
MW - 6	*05/29/14*	3,560.32	-	32.85	0.00	3527.47
MW - 6	07/28/14	3,560.32	-	33.04	0.00	3527.28
MW - 6	*08/29/14*	3,560.32	-	33.05	0.00	3527.27
MW - 6	10/29/14	3,560.32	-	32.98	0.00	3527.34
MW - 6	*11/12/14*	3,560.32	-	32.97	0.00	3527.35
MW - 7	*02/24/14*	3,561.07	-	33.50	0.00	3527.57
MW - 7	*05/29/14*	3,561.07	-	33.56	0.00	3527.51
MW - 7	07/28/14	3,561.07	-	33.74	0.00	3527.33
MW - 7	*08/29/14*	3,561.07	-	33.81	0.00	3527.26
MW - 7	*10/29/14*	3,561.07	-	33.68	0.00	3527.39
MW - 7	*11/12/14*	3,561.07	-	33.66	0.00	3527.41
MW - 8	01/06/14	3561.07	-	33.54	0.00	3527.53
MW - 8	01/17/14	3561.07	33.46	33.50	0.04	3527.60
MW - 8	02/18/14	3561.07	33.47	33.53	0.06	3527.59
MW - 8	*02/24/14*	3561.07	33.49	33.55	0.06	3527.57
MW - 8	02/25/14	3561.07	33.48	33.50	0.02	3527.59
MW - 8	03/20/14	3561.07	-	33.53	0.00	3527.54
MW - 8	03/28/14	3561.07	-	33.49	0.00	3527.58
MW - 8	04/03/14	3561.07	-	33.49	0.00	3527.58
MW - 8	04/15/14	3561.07	-	33.49	0.00	3527.58
MW - 8	05/08/14	3561.07	-	33.52	0.00	3527.55
MW - 8	*05/29/14*	3561.07	33.53	33.54	0.01	3527.54
MW - 8	06/03/14	3561.07	-	33.55	0.00	3527.52
MW - 8	06/19/14	3561.07	-	33.61	0.00	3527.46

TABLE 1

2014 GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 8	07/11/14	3561.07	-	33.69	0.00	3527.38
MW - 8	07/14/14	3561.07	-	33.71	0.00	3527.36
MW - 8	07/28/14	3561.07	33.71	33.75	0.04	3527.35
MW - 8	07/29/14	3561.07	33.71	33.75	0.04	3527.35
MW - 8	08/05/14	3561.07	-	33.75	0.00	3527.32
MW - 8	08/21/14	3561.07	33.79	34.18	0.39	3527.22
MW - 8	*08/29/14*	3561.07	33.82	33.90	0.08	3527.24
MW - 8	09/02/14	3561.07	33.87	33.90	0.03	3527.20
MW - 8	09/25/14	3561.07	-	33.83	0.00	3527.24
MW - 8	10/29/14	3561.07	33.67	33.70	0.03	3527.40
MW - 8	*11/12/14*	3561.07	33.64	33.72	0.08	3527.42
MW - 8	11/15/14	3561.07	33.63	33.71	0.08	3527.43
MW - 8	12/01/14	3561.07	33.59	33.67	0.08	3527.47
MW - 8	12/10/14	3561.07	33.56	33.61	0.05	3527.50
MW - 8	12/24/14	3561.07	33.54	33.61	0.07	3527.52

TABLE 2

2014 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 GUIDELINE		0.01	0.750	0.750	0.620	
MW - 1	02/24/14	Not Sampled on Current Sample Schedule				
MW - 1	05/29/14	Not Sampled on Current Sample Schedule				
MW - 1	08/29/14	Not Sampled on Current Sample Schedule				
MW - 1	11/13/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 2	02/24/14	<0.00100	0.0115	0.0163	0.00560	
MW - 2	05/29/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 2	08/29/14	0.00420	0.0024	0.0093	0.00120	
MW - 2	11/13/14	0.00160	<0.00100	0.0075	0.00280	
MW - 2	11/15/14	0.00420	<0.00100	0.0126	0.00870	
MW - 3	02/24/14	Not Sampled on Current Sample Schedule				
MW - 3	05/29/14	Not Sampled on Current Sample Schedule				
MW - 3	08/29/14	Not Sampled on Current Sample Schedule				
MW - 3	11/13/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 4	02/24/14	Not Sampled on Current Sample Schedule				
MW - 4	05/29/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 4	08/29/14	Not Sampled on Current Sample Schedule				
MW - 4	11/13/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 5	02/24/14	Not Sampled on Current Sample Schedule				
MW - 5	05/29/14	Not Sampled on Current Sample Schedule				
MW - 5	08/29/14	Not Sampled on Current Sample Schedule				
MW - 5	11/13/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	02/24/14	Not Sampled on Current Sample Schedule				
MW - 6	05/29/14	Not Sampled on Current Sample Schedule				
MW - 6	08/29/14	Not Sampled on Current Sample Schedule				
MW - 6	11/13/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 7	02/24/14	Not Sampled on Current Sample Schedule				
MW - 7	05/29/14	Not Sampled on Current Sample Schedule				
MW - 7	08/29/14	Not Sampled on Current Sample Schedule				
MW - 7	11/13/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	02/24/14	Not Sampled due to PSH in Well				
MW - 8	05/29/14	Not Sampled due to PSH in Well				
MW - 8	08/29/14	**0.0660**	0.0010	0.0477	0.0488	

TABLE 2

2014 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 GUIDELINE		**0.01**	**0.750**	**0.750**	**0.620**	
MW - 8	11/15/14	0.00690	0.00400	0.0415	0.127	

TABLE 3

2014 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	11/15/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-2	11/15/14	<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	<0.000200	<0.000200	<0.000200	**0.05**	<0.000200	<0.000200
MW-3	11/15/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4	11/15/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-5	11/15/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-6	11/15/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	11/15/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-8	11/15/14	<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	<0.000200	<0.000200	**0.113**	**1.29**	**0.486**	<0.000200

Historic Table 1

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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	-	33.35	0.00	3527.25
MW - 1	*02/24/14*	3,560.60	-	33.37	0.00	3527.23
MW - 1	*05/29/14*	3,560.60	-	33.43	0.00	3527.17
MW - 1	06/19/14	3,560.60	-	33.73	0.00	3526.87
MW - 1	07/28/14	3,560.60	-	33.62	0.00	3526.98
MW - 1	*08/29/14*	3,560.60	-	33.74	0.00	3526.86
MW - 1	10/29/14	3,560.60	-	33.55	0.00	3527.05
MW - 1	*11/12/14*	3,560.60	-	33.55	0.00	3527.05
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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2	04/16/09	3,561.14	-	32.06	0.00	3529.08
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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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 - 2	01/06/14	3,561.14	-	33.63	0.00	3527.51
MW - 2	01/17/14	3,561.14	-	33.57	0.00	3527.57
MW - 2	02/18/14	3,561.14	-	33.61	0.00	3527.53
MW - 2	*02/24/14*	3,561.14	-	33.58	0.00	3527.56
MW - 2	03/20/14	3,561.14	-	33.62	0.00	3527.52
MW - 2	03/28/14	3,561.14	-	33.61	0.00	3527.53
MW - 2	04/03/14	3,561.14	-	33.71	0.00	3527.43
MW - 2	04/15/14	3,561.14	-	33.63	0.00	3527.51
MW - 2	05/08/14	3,561.14	-	33.66	0.00	3527.48
MW - 2	*05/29/14*	3,561.14	-	33.72	0.00	3527.42
MW - 2	06/03/14	3,561.14	-	33.69	0.00	3527.45

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2	07/11/14	3,561.14	-	33.79	0.00	3527.35
MW - 2	07/14/14	3,561.14	-	33.83	0.00	3527.31
MW - 2	07/28/14	3,561.14	-	33.90	0.00	3527.24
MW - 2	07/29/14	3,561.14	-	33.90	0.00	3527.24
MW - 2	08/05/14	3,561.14	-	33.90	0.00	3527.24
MW - 2	08/21/14	3,561.14	-	33.91	0.00	3527.23
MW - 2	*08/29/14*	3,561.14	-	33.94	0.00	3527.20
MW - 2	09/25/14	3,561.14	-	33.95	0.00	3527.19
MW - 2	10/17/14	3,561.14	-	33.81	0.00	3527.33
MW - 2	10/29/14	3,561.14	-	33.80	0.00	3527.34
MW - 2	10/30/14	3,561.14	-	33.64	0.00	3527.50
MW - 2	*11/12/14*	3,561.14	-	33.83	0.00	3527.31
MW - 2	11/15/14	3,561.14	-	33.81	0.00	3527.33
MW - 2	12/01/14	3,561.14	-	33.76	0.00	3527.38
MW - 2	12/10/14	3,561.14	-	33.74	0.00	3527.40
MW - 2	12/24/14	3,561.14	-	33.71	0.00	3527.43
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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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 - 3	*02/24/14*	3,560.39	-	32.59	0.00	3527.80
MW - 3	*05/29/14*	3,560.39	-	32.64	0.00	3527.75
MW - 3	07/28/14	3,560.39	-	32.88	0.00	3527.51
MW - 3	*08/29/14*	3,560.39	-	32.94	0.00	3527.45
MW - 3	10/29/14	3,560.39	-	32.78	0.00	3527.61
MW - 3	*11/12/14*	3,560.39	-	32.76	0.00	3527.63
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
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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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	-	33.70	0.00	3527.38
MW - 4	*02/24/14*	3,561.08	-	33.71	0.00	3527.37
MW - 4	*05/29/14*	3,561.08	-	33.78	0.00	3527.30
MW - 4	07/28/14	3,561.08	-	33.96	0.00	3527.12
MW - 4	*08/29/14*	3,561.08	-	34.07	0.00	3527.01
MW - 4	10/29/14	3,561.08	-	33.88	0.00	3527.20
MW - 4	*11/12/14*	3,561.08	-	33.88	0.00	3527.20

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 5	09/17/97	3,558.16	-	30.68	0.00	3527.48
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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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	30.80	30.81	0.01	3529.40
MW - 5	11/16/06	3,560.20	sheen	30.84	0.00	3529.36

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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	-
MW - 5	12/04/09	3,560.20	-	-	0.00	-
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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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	-	32.52	0.00	3527.68
MW - 5	*02/24/14*	3,560.20	-	32.58	0.00	3527.62
MW - 5	*05/29/14*	3,560.20	-	32.60	0.00	3527.60
MW - 5	07/28/14	3,560.20	-	32.82	0.00	3527.38
MW - 5	*08/29/14*	3,560.20	-	32.92	0.00	3527.28
MW - 5	10/29/14	3,560.20	-	32.73	0.00	3527.47
MW - 5	*11/12/14*	3,560.20	-	32.72	0.00	3527.48
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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 6	05/25/04	3,560.32	-	33.74	0.00	3526.58
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	-	32.77	0.00	3527.55
MW - 6	*02/24/14*	3,560.32	-	32.78	0.00	3527.54

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 6	*05/29/14*	3,560.32	-	32.85	0.00	3527.47
MW - 6	07/28/14	3,560.32	-	33.04	0.00	3527.28
MW - 6	*08/29/14*	3,560.32	-	33.05	0.00	3527.27
MW - 6	10/29/14	3,560.32	-	32.98	0.00	3527.34
MW - 6	*11/12/14*	3,560.32	-	32.97	0.00	3527.35
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
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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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	-	33.47	0.00	3527.60
MW - 7	*02/24/14*	3,561.07	-	33.50	0.00	3527.57
MW - 7	*05/29/14*	3,561.07	-	33.56	0.00	3527.51
MW - 7	07/28/14	3,561.07	-	33.74	0.00	3527.33
MW - 7	*08/29/14*	3,561.07	-	33.81	0.00	3527.26
MW - 7	10/29/14	3,561.07	-	33.68	0.00	3527.39
MW - 7	*11/12/14*	3,561.07	-	33.66	0.00	3527.41
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
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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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	33.50	33.51	0.01	3527.57
MW - 8	01/06/14	3561.07	-	33.54	0.00	3527.53
MW - 8	01/17/14	3561.07	33.46	33.50	0.04	3527.60
MW - 8	02/18/14	3561.07	33.47	33.53	0.06	3527.59
MW - 8	*02/24/14*	3561.07	33.49	33.55	0.06	3527.57
MW - 8	02/25/14	3561.07	33.48	33.50	0.02	3527.59
MW - 8	03/20/14	3561.07	-	33.53	0.00	3527.54
MW - 8	03/28/14	3561.07	-	33.49	0.00	3527.58
MW - 8	04/03/14	3561.07	-	33.49	0.00	3527.58
MW - 8	04/15/14	3561.07	-	33.49	0.00	3527.58
MW - 8	05/08/14	3561.07	-	33.52	0.00	3527.55
MW - 8	*05/29/14*	3561.07	33.53	33.54	0.01	3527.54
MW - 8	06/03/14	3561.07	-	33.55	0.00	3527.52
MW - 8	06/19/14	3561.07	-	33.61	0.00	3527.46
MW - 8	07/11/14	3561.07	-	33.69	0.00	3527.38
MW - 8	07/14/14	3561.07	-	33.71	0.00	3527.36
MW - 8	07/28/14	3561.07	33.71	33.75	0.04	3527.35
MW - 8	07/29/14	3561.07	33.71	33.75	0.04	3527.35
MW - 8	08/05/14	3561.07	-	33.75	0.00	3527.32
MW - 8	08/21/14	3561.07	33.79	34.18	0.39	3527.22
MW - 8	*08/29/14*	3561.07	33.82	33.90	0.08	3527.24
MW - 8	09/02/14	3561.07	33.87	33.90	0.03	3527.20
MW - 8	09/25/14	3561.07	-	33.83	0.00	3527.24
MW - 8	10/29/14	3561.07	33.67	33.70	0.03	3527.40
MW - 8	*11/12/14*	3561.07	33.64	33.72	0.08	3527.42
MW - 8	11/15/14	3561.07	33.63	33.71	0.08	3527.43
MW - 8	12/01/14	3561.07	33.59	33.67	0.08	3527.47
MW - 8	12/10/14	3561.07	33.56	33.61	0.00	3527.46
MW - 8	12/24/14	3561.07	33.54	33.61	0.07	3527.52

Historic Table 2

TABLE 2

HISTORIC 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 GUIDELINE		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

HISTORIC 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 GUIDELINE		**0.01**	**0.750**	**0.750**	**0.620**	
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 - 1	02/24/14	Not Sampled on Current Sample Schedule				
MW - 1	05/26/14	Not Sampled on Current Sample Schedule				
MW - 1	08/29/14	Not Sampled on Current Sample Schedule				
MW - 1	11/13/14	<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	

TABLE 2

HISTORIC 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 GUIDELINE		0.01	0.750	0.750	0.620	
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	
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 - 2	02/24/14	<0.00100	0.0115	0.0163	0.0056	
MW - 2	02/24/14	<0.00100	0.0115	0.0163	0.00560	
MW - 2	05/29/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 2	08/29/14	0.00420	0.0024	0.0093	0.00120	
MW - 2	11/13/14	0.00160	<0.00100	0.0075	0.00280	
MW - 2	11/15/14	0.00420	<0.00100	0.0126	0.00870	
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

TABLE 2

HISTORIC 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 GUIDELINE		0.01	0.750	0.750	0.620	
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
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	

TABLE 2

HISTORIC 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 GUIDELINE		0.01	0.750	0.750	0.620	
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	
MW - 3	02/24/14	Not Sampled on Current Sample Schedule				
MW - 3	05/29/14	Not Sampled on Current Sample Schedule				
MW - 3	08/29/14	Not Sampled on Current Sample Schedule				
MW - 3	11/13/14	<0.00100	<0.00100	<0.00100	<0.00100	
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

TABLE 2

HISTORIC 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 GUIDELINE		0.01	0.750	0.750	0.620	
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				
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	

TABLE 2

HISTORIC 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 GUIDELINE		**0.01**	**0.750**	**0.750**	**0.620**	
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 - 4	02/24/14	Not Sampled on Current Sample Schedule				
MW - 4	05/29/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 4	08/29/14	Not Sampled on Current Sample Schedule				
MW - 4	11/13/14	<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	
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	

TABLE 2

HISTORIC 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 GUIDELINE		0.01	0.750	0.750	0.620	
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 - 5	02/24/14	Not Sampled on Current Sample Schedule				
MW - 5	05/29/14	Not Sampled on Current Sample Schedule				
MW - 5	08/29/14	Not Sampled on Current Sample Schedule				
MW - 5	11/13/14	<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

TABLE 2

HISTORIC 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 GUIDELINE		0.01	0.750	0.750	0.620	
MW - 6	12/16/03	<0.001	<0.001	<0.001	<0.002	<0.001
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	

TABLE 2

HISTORIC 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 GUIDELINE		0.01	0.750	0.750	0.620	
MW - 6	02/24/14	Not Sampled on Current Sample Schedule				
MW - 6	05/29/14	Not Sampled on Current Sample Schedule				
MW - 6	08/29/14	Not Sampled on Current Sample Schedule				
MW - 6	11/13/14	<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
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	

TABLE 2

HISTORIC 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 GUIDELINE		0.01	0.750	0.750	0.620	
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	
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 - 7	02/24/14	Not Sampled on Current Sample Schedule				
MW - 7	05/29/14	Not Sampled on Current Sample Schedule				
MW - 7	08/29/14	Not Sampled on Current Sample Schedule				
MW - 7	11/13/14	<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	

TABLE 2

HISTORIC 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 GUIDELINE		**0.01**	**0.750**	**0.750**	**0.620**	
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	
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	
MW - 8	02/24/14	**Not Sampled due to PSH in Well**				
MW - 8	05/29/14	**Not Sampled due to PSH in Well**				
MW - 8	08/29/14	**0.0660**	0.0010	0.0477	0.0488	
MW - 8	11/15/14	**0.00690**	0.00400	0.0415	0.127	

Historic Table 3

TABLE 3

HISTORIC 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.																		
	11/15/14	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
	11/15/14	<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	<0.000200	<0.000200	<0.000200	**0.05**	<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.																		
	11/15/14	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.																		
	11/15/14	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 3

HISTORIC 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-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.																		
	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.																		
	11/15/14	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.																		
	11/13/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/15/14	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.																		
	11/13/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/15/14	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

TABLE 3

HISTORIC 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**			—
	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
	11/15/14	<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	<0.000200	<0.000200	**0.113**	**1.29**	**0.486**	<0.000200

Laboratory Reports

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: February 28, 2014

Work Order: 14022501

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
355700	MW-2	water	2014-02-24	17:56	2014-02-25

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 2014-02-25 and assigned to work order 14022501. Samples for work order 14022501 were received intact without headspace and at a temperature of 4.0 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	92741	2014-02-25 at 15:30	109677	2014-02-26 at 16:57

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 14022501 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: 355700 - MW-2

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	109677	Date Analyzed:	2014-02-26	Analyzed By:	AK
Prep Batch:	92741	Sample Preparation:	2014-02-25	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	1	**0.0115**	mg/L	1	0.00100
Ethylbenzene	Qr,Qs	1	**0.0163**	mg/L	1	0.00100
Xylene	Qr,Qs	1	**0.00560**	mg/L	1	0.00300

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)	Qsr	Qsr		0.159	mg/L	1	0.100	159	70 - 130

Method Blanks

Method Blank (1) QC Batch: 109677

QC Batch:	109677	Date Analyzed:	2014-02-26	Analyzed By:	AK
Prep Batch:	92741	QC Preparation:	2014-02-25	Prepared By:	AK

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1	<0.000238	mg/L	0.001
Toluene		1	<0.000181	mg/L	0.001
Ethylbenzene		1	<0.000247	mg/L	0.001
Xylene		1	<0.000189	mg/L	0.003

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0943	mg/L	1	0.100	94	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0759	mg/L	1	0.100	76	70 - 130

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 109677 | Date Analyzed: 2014-02-26 | Analyzed By: AK
Prep Batch: 92741 | QC Preparation: 2014-02-25 | Prepared By: AK

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.108	mg/L	1	0.100	<0.000238	108	70 - 130
Toluene		1	0.110	mg/L	1	0.100	<0.000181	110	70 - 130
Ethylbenzene		1	0.111	mg/L	1	0.100	<0.000247	111	70 - 130
Xylene		1	0.337	mg/L	1	0.300	<0.000189	112	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	0.101	mg/L	1	0.100	<0.000238	101	70 - 130	6	20
Toluene		1	0.103	mg/L	1	0.100	<0.000181	103	70 - 130	7	20
Ethylbenzene		1	0.102	mg/L	1	0.100	<0.000247	102	70 - 130	8	20
Xylene		1	0.312	mg/L	1	0.300	<0.000189	104	70 - 130	8	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	0.100	mg/L	1	0.100	101	100	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0954	0.0938	mg/L	1	0.100	95	94	70 - 130

Matrix Spike (MS-1) Spiked Sample: 355708

QC Batch: 109677 | Date Analyzed: 2014-02-26 | Analyzed By: AK
Prep Batch: 92741 | QC Preparation: 2014-02-25 | Prepared By: AK

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.0704	mg/L	1	0.100	<0.000238	70	70 - 130
Toluene		1	0.0704	mg/L	1	0.100	<0.000181	70	70 - 130
Ethylbenzene	Qs	Qs	1	0.0682	mg/L	1	0.100	<0.000247	68	70 - 130
Xylene	Qs	Qs	1	0.209	mg/L	1	0.300	<0.000189	70	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	0.0532	mg/L	1	0.100	<0.000238	53	70 - 130	28	20
Toluene	Qr,Qs	Qr,Qs	1	0.0522	mg/L	1	0.100	<0.000181	52	70 - 130	30	20
Ethylbenzene	Qr,Qs	Qr,Qs	1	0.0497	mg/L	1	0.100	<0.000247	50	70 - 130	31	20
Xylene	Qr,Qs	Qr,Qs	1	0.153	mg/L	1	0.300	<0.000189	51	70 - 130	31	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	0.102	mg/L	1	0.1	101	102	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0926	0.0886	mg/L	1	0.1	93	89	70 - 130

Calibration Standards

Standard (CCV-1)

QC Batch: 109677 | Date Analyzed: 2014-02-26 | 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	0.108	108	80 - 120	2014-02-26
Toluene		1	mg/L	0.100	0.109	109	80 - 120	2014-02-26
Ethylbenzene		1	mg/L	0.100	0.108	108	80 - 120	2014-02-26
Xylene		1	mg/L	0.300	0.330	110	80 - 120	2014-02-26

Standard (CCV-2)

QC Batch: 109677 | Date Analyzed: 2014-02-26 | 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	0.101	101	80 - 120	2014-02-26
Toluene		1	mg/L	0.100	0.102	102	80 - 120	2014-02-26
Ethylbenzene		1	mg/L	0.100	0.101	101	80 - 120	2014-02-26
Xylene		1	mg/L	0.300	0.308	103	80 - 120	2014-02-26

Standard (CCV-3)

QC Batch: 109677 | Date Analyzed: 2014-02-26 | 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	0.106	106	80 - 120	2014-02-26
Toluene		1	mg/L	0.100	0.107	107	80 - 120	2014-02-26
Ethylbenzene		1	mg/L	0.100	0.105	105	80 - 120	2014-02-26
Xylene		1	mg/L	0.300	0.320	107	80 - 120	2014-02-26

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	T104704392-13-7	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 # 14022501

TraceAnalysis, Inc.

email: lab@traceanalysis.com

6701 Aberdeen Avenue, Suite 9
Lubbock, Texas 79424
Tel (806) 794-1296
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Tel (432) 689-6301
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El Paso, Texas 79922
Tel (915) 585-3443
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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:

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
355700	mw-2	3	VOA	X				X				X		2/24/14	1756

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																									

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	
John Flores	Nova	2/25/14			TA	2/25/14	8:14	INST 4.4 °C OBS 4.1 °C COR 4.0 °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 #

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
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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: June 4, 2014

Work Order: 14053008

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
364365	MW 4	water	2014-05-29	14:12	2014-05-30
364366	MW 2	water	2014-05-29	14:40	2014-05-30

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 2014-05-30 and assigned to work order 14053008. Samples for work order 14053008 were received intact without headspace and at a temperature of 5.0 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	95116	2014-06-03 at 15:15	112508	2014-06-04 at 11:13

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 14053008 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: 364365 - MW 4

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	112508	Date Analyzed:	2014-06-04	Analyzed By:	AK
Prep Batch:	95116	Sample Preparation:	2014-06-03	Prepared By:	AK

Parameter	Flag	Cert	Result	RL 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	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0887	mg/L	1	0.100	89	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0748	mg/L	1	0.100	75	70 - 130

Sample: 364366 - MW 2

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	112508	Date Analyzed:	2014-06-04	Analyzed By:	AK
Prep Batch:	95116	Sample Preparation:	2014-06-03	Prepared By:	AK

Parameter	Flag	Cert	Result	RL 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	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0922	mg/L	1	0.100	92	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0724	mg/L	1	0.100	72	70 - 130

Method Blanks

Method Blank (1) QC Batch: 112508

QC Batch:	112508	Date Analyzed:	2014-06-04	Analyzed By:	AK
Prep Batch:	95116	QC Preparation:	2014-06-03	Prepared By:	AK

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1	<0.000238	mg/L	0.001
Toluene		1	<0.000181	mg/L	0.001
Ethylbenzene		1	<0.000247	mg/L	0.001
Xylene		1	<0.000189	mg/L	0.003

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0925	mg/L	1	0.100	92	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0808	mg/L	1	0.100	81	70 - 130

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 112508 | Date Analyzed: 2014-06-04 | Analyzed By: AK
Prep Batch: 95116 | QC Preparation: 2014-06-03 | Prepared By: AK

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.102	mg/L	1	0.100	<0.000238	102	70 - 130
Toluene		1	0.104	mg/L	1	0.100	<0.000181	104	70 - 130
Ethylbenzene		1	0.100	mg/L	1	0.100	<0.000247	100	70 - 130
Xylene		1	0.305	mg/L	1	0.300	<0.000189	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	0.103	mg/L	1	0.100	<0.000238	103	70 - 130	1	20
Toluene		1	0.105	mg/L	1	0.100	<0.000181	105	70 - 130	1	20
Ethylbenzene		1	0.102	mg/L	1	0.100	<0.000247	102	70 - 130	2	20
Xylene		1	0.310	mg/L	1	0.300	<0.000189	103	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)	0.0993	0.0980	mg/L	1	0.100	99	98	70 - 130
4-Bromofluorobenzene (4-BFB)	0.108	0.105	mg/L	1	0.100	108	105	70 - 130

Matrix Spikes

Matrix Spike (MS-1) Spiked Sample: 364362

QC Batch: 112508 | Date Analyzed: 2014-06-04 | Analyzed By: AK
Prep Batch: 95116 | QC Preparation: 2014-06-03 | Prepared By: AK

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.109	mg/L	1	0.100	<0.000238	109	70 - 130
Toluene		1	0.110	mg/L	1	0.100	<0.000181	110	70 - 130
Ethylbenzene		1	0.103	mg/L	1	0.100	<0.000247	103	70 - 130
Xylene		1	0.314	mg/L	1	0.300	<0.000189	105	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	0.107	mg/L	1	0.100	<0.000238	107	70 - 130	2	20
Toluene		1	0.107	mg/L	1	0.100	<0.000181	107	70 - 130	3	20
Ethylbenzene		1	0.100	mg/L	1	0.100	<0.000247	100	70 - 130	3	20
Xylene		1	0.305	mg/L	1	0.300	<0.000189	102	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)	0.0970	0.0982	mg/L	1	0.1	97	98	70 - 130
4-Bromofluorobenzene (4-BFB)	0.101	0.0985	mg/L	1	0.1	101	98	70 - 130

Calibration Standards

Standard (CCV-1)

QC Batch: 112508 | Date Analyzed: 2014-06-04 | 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	0.102	102	80 - 120	2014-06-04
Toluene		1	mg/L	0.100	0.104	104	80 - 120	2014-06-04
Ethylbenzene		1	mg/L	0.100	0.100	100	80 - 120	2014-06-04
Xylene		1	mg/L	0.300	0.306	102	80 - 120	2014-06-04

Standard (CCV-2)

QC Batch: 112508 | Date Analyzed: 2014-06-04 | 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	0.105	105	80 - 120	2014-06-04
Toluene		1	mg/L	0.100	0.106	106	80 - 120	2014-06-04
Ethylbenzene		1	mg/L	0.100	0.100	100	80 - 120	2014-06-04
Xylene		1	mg/L	0.300	0.305	102	80 - 120	2014-06-04

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	T104704392-13-7	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 # 14053008

Page 1 of 1

TraceAnalysis, Inc.

email: lab@traceanalysis.com

6701 Aberdeen Avenue, Suite 9
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El Paso, Texas 79922
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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 Midland tx
Fax #:
Contact Person: Curt Stanley
E-mail: cjbryant@pvalp.com
Invoice to: (If different from above) Plains
Project #: NM-2006
Project Name: Monument 2
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
36435	MW 4	3	VOA	X				X				X		5/29/14	1412
366	MW 2	↓	↓	↓				↓				↓		↓	1440

ANALYSIS REQUEST	Turn Around Time if different from standard	Hold
MTBE 8021 / 602 / 8260 / 624		
BTEX 8021 / 602 / 8260 / 624	X	
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		

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	
	NOVA	5/30/14	840 PM 0800		TA	5/30/14	8:00	INST IR1 OBS 5.0 °C COR 5.0 °C
Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST ____ OBS ____ °C COR ____ °C
Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST ____ 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

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

Carrier # Courier

ORIGINAL COPY

TRACEANALYSIS, INC.

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(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

(Corrected Report)

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

Report Date: September 19, 2014

Work Order: 14090209

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

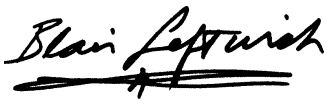
Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
373477	MW-2	water	2014-08-29	14:00	2014-08-29
373478	MW-8	water	2014-08-29	14:25	2014-08-29

Report Corrections (Work Order 14090209)

- 09/19/2014-Client (Curt Stanley) requested sample collection date be changed to 8/29/2014.

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
James Taylor, Assistant Director
Brian Pellam, Operations Manager

Report Contents

Case Narrative

Samples for project TNM Monument #2 were received by TraceAnalysis, Inc. on 2014-08-29 and assigned to work order 14090209. Samples for work order 14090209 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	97479	2014-09-08 at 15:06	115269	2014-09-08 at 15:06
BTEX	S 8021B	97527	2014-09-09 at 14:24	115330	2014-09-09 at 14:24

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 14090209 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: 373477 - MW-2

Laboratory:	Lubbock				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	115269	Date Analyzed:	2014-09-08	Analyzed By:	JS
Prep Batch:	97479	Sample Preparation:	2014-09-08	Prepared By:	JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1,2,3,4,5	**0.00420**	mg/L	1	0.00100
Toluene		1,2,3,4,5	**0.00240**	mg/L	1	0.00100
Ethylbenzene		1,2,3,4,5	**0.00930**	mg/L	1	0.00100
Xylene		1,2,3,4,5	**0.00120**	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.0789	mg/L	1	0.100	79	68.8 - 120
4-Bromofluorobenzene (4-BFB)		5	0.0859	mg/L	1	0.100	86	67.5 - 120

Sample: 373478 - MW-8

Laboratory:	Lubbock				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	115330	Date Analyzed:	2014-09-09	Analyzed By:	MT
Prep Batch:	97527	Sample Preparation:	2014-09-09	Prepared By:	MT

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1,2,3,4,5	**0.0660**	mg/L	1	0.00100
Toluene		1,2,3,4,5	<0.00100	mg/L	1	0.00100
Ethylbenzene		1,2,3,4,5	**0.0477**	mg/L	1	0.00100
Xylene		1,2,3,4,5	**0.0488**	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.0939	mg/L	1	0.100	94	70 - 130
4-Bromofluorobenzene (4-BFB)		5	0.101	mg/L	1	0.100	101	70 - 130

Method Blanks

Method Blank (1) QC Batch: 115269

QC Batch: 115269 | Date Analyzed: 2014-09-08 | Analyzed By: JS
Prep Batch: 97479 | QC Preparation: 2014-09-08 | Prepared By: JS

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1,2,3,4,5	<0.000425	mg/L	0.001
Toluene		1,2,3,4,5	<0.000409	mg/L	0.001
Ethylbenzene		1,2,3,4,5	<0.000281	mg/L	0.001
Xylene		1,2,3,4,5	<0.000274	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.0803	mg/L	1	0.100	80	68.8 - 120
4-Bromofluorobenzene (4-BFB)		5	0.0845	mg/L	1	0.100	84	67.5 - 120

Method Blank (1) QC Batch: 115330

QC Batch: 115330 | Date Analyzed: 2014-09-09 | Analyzed By: MT
Prep Batch: 97527 | QC Preparation: 2014-09-09 | Prepared By: MT

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1,2,3,4,5	<0.000303	mg/L	0.001
Toluene		1,2,3,4,5	<0.000303	mg/L	0.001
Ethylbenzene		1,2,3,4,5	<0.000266	mg/L	0.001
Xylene		1,2,3,4,5	<0.000265	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.0861	mg/L	1	0.100	86	70 - 130
4-Bromofluorobenzene (4-BFB)		5	0.0835	mg/L	1	0.100	84	70 - 130

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 115269 | Date Analyzed: 2014-09-08 | Analyzed By: JS
Prep Batch: 97479 | QC Preparation: 2014-09-08 | Prepared By: JS

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1,2,3,4,5	0.0867	mg/L	1	0.100	<0.000425	87	71.6 - 120
Toluene		1,2,3,4,5	0.0852	mg/L	1	0.100	<0.000409	85	71.6 - 120
Ethylbenzene		1,2,3,4,5	0.0850	mg/L	1	0.100	<0.000281	85	71.1 - 120
Xylene		1,2,3,4,5	0.253	mg/L	1	0.300	<0.000274	84	72.5 - 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		1,2,3,4,5	0.0851	mg/L	1	0.100	<0.000425	85	71.6 - 120	2	20
Toluene		1,2,3,4,5	0.0837	mg/L	1	0.100	<0.000409	84	71.6 - 120	2	20
Ethylbenzene		1,2,3,4,5	0.0834	mg/L	1	0.100	<0.000281	83	71.1 - 120	2	20
Xylene		1,2,3,4,5	0.248	mg/L	1	0.300	<0.000274	83	72.5 - 120	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)	5	0.0792	0.0819	mg/L	1	0.100	79	82	68.8 - 120
4-Bromofluorobenzene (4-BFB)	5	0.0884	0.0900	mg/L	1	0.100	88	90	67.5 - 120

Laboratory Control Spike (LCS-1)

QC Batch: 115330 | Date Analyzed: 2014-09-09 | Analyzed By: MT
Prep Batch: 97527 | QC Preparation: 2014-09-09 | Prepared By: MT

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1,2,3,4,5	0.0950	mg/L	1	0.100	<0.000303	95	70 - 130
Toluene		1,2,3,4,5	0.0952	mg/L	1	0.100	<0.000303	95	70 - 130
Ethylbenzene		1,2,3,4,5	0.0910	mg/L	1	0.100	<0.000266	91	70 - 130
Xylene		1,2,3,4,5	0.278	mg/L	1	0.300	<0.000265	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		1,2,3,4,5	0.0885	mg/L	1	0.100	<0.000303	88	70 - 130	7	20
Toluene		1,2,3,4,5	0.0865	mg/L	1	0.100	<0.000303	86	70 - 130	10	20
Ethylbenzene		1,2,3,4,5	0.0823	mg/L	1	0.100	<0.000266	82	70 - 130	10	20
Xylene		1,2,3,4,5	0.252	mg/L	1	0.300	<0.000265	84	70 - 130	10	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)	5	0.0868	0.0880	mg/L	1	0.100	87	88	70 - 130
4-Bromofluorobenzene (4-BFB)	5	0.0855	0.0860	mg/L	1	0.100	86	86	70 - 130

Matrix Spikes

Matrix Spike (MS-1) Spiked Sample: 373610

QC Batch: 115269 | Date Analyzed: 2014-09-08 | Analyzed By: JS
Prep Batch: 97479 | QC Preparation: 2014-09-08 | Prepared By: JS

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1,2,3,4,5	0.0867	mg/L	1	0.100	<0.000425	87	54.2 - 120
Toluene		1,2,3,4,5	0.0840	mg/L	1	0.100	<0.000409	84	55.6 - 120
Ethylbenzene		1,2,3,4,5	0.0830	mg/L	1	0.100	<0.000281	83	59.6 - 120
Xylene		1,2,3,4,5	0.246	mg/L	1	0.300	<0.000274	82	61.4 - 120

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		1,2,3,4,5	0.0851	mg/L	1	0.100	<0.000425	85	54.2 - 120	2	20
Toluene		1,2,3,4,5	0.0826	mg/L	1	0.100	<0.000409	83	55.6 - 120	2	20
Ethylbenzene		1,2,3,4,5	0.0816	mg/L	1	0.100	<0.000281	82	59.6 - 120	2	20
Xylene		1,2,3,4,5	0.243	mg/L	1	0.300	<0.000274	81	61.4 - 120	1	20

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

Surrogate		MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	5	0.0764	0.0791	mg/L	1	0.1	76	79	68.8 - 120
4-Bromofluorobenzene (4-BFB)	5	0.0876	0.0860	mg/L	1	0.1	88	86	67.5 - 120

Matrix Spike (MS-1) Spiked Sample: 373700

QC Batch: 115330 | Date Analyzed: 2014-09-09 | Analyzed By: MT
Prep Batch: 97527 | QC Preparation: 2014-09-09 | Prepared By: MT

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1,2,3,4,5	0.0962	mg/L	1	0.100	<0.000303	96	70 - 130
Toluene		1,2,3,4,5	0.0944	mg/L	1	0.100	<0.000303	94	70 - 130
Ethylbenzene		1,2,3,4,5	0.0892	mg/L	1	0.100	<0.000266	89	70 - 130
Xylene		1,2,3,4,5	0.272	mg/L	1	0.300	<0.000265	91	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		1,2,3,4,5	0.0968	mg/L	1	0.100	<0.000303	97	70 - 130	1	20
Toluene		1,2,3,4,5	0.0928	mg/L	1	0.100	<0.000303	93	70 - 130	2	20
Ethylbenzene		1,2,3,4,5	0.0877	mg/L	1	0.100	<0.000266	88	70 - 130	2	20
Xylene		1,2,3,4,5	0.268	mg/L	1	0.300	<0.000265	89	70 - 130	2	20

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

Surrogate		MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	5	0.0853	0.0870	mg/L	1	0.1	85	87	70 - 130
4-Bromofluorobenzene (4-BFB)	5	0.0843	0.0846	mg/L	1	0.1	84	85	70 - 130

Calibration Standards

Standard (CCV-1)

QC Batch: 115269 | Date Analyzed: 2014-09-08 | Analyzed By: JS

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,3,4,5	mg/L	0.100	0.0856	86	80 - 120	2014-09-08
Toluene		1,2,3,4,5	mg/L	0.100	0.0820	82	80 - 120	2014-09-08
Ethylbenzene		1,2,3,4,5	mg/L	0.100	0.0812	81	80 - 120	2014-09-08
Xylene		1,2,3,4,5	mg/L	0.300	0.242	81	80 - 120	2014-09-08

Standard (CCV-2)

QC Batch: 115269 | Date Analyzed: 2014-09-08 | Analyzed By: JS

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,3,4,5	mg/L	0.100	0.0851	85	80 - 120	2014-09-08
Toluene		1,2,3,4,5	mg/L	0.100	0.0841	84	80 - 120	2014-09-08
Ethylbenzene		1,2,3,4,5	mg/L	0.100	0.0825	82	80 - 120	2014-09-08
Xylene		1,2,3,4,5	mg/L	0.300	0.243	81	80 - 120	2014-09-08

Standard (CCV-1)

QC Batch: 115330 | Date Analyzed: 2014-09-09 | Analyzed By: MT

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,3,4,5	mg/L	0.100	0.0956	96	80 - 120	2014-09-09
Toluene		1,2,3,4,5	mg/L	0.100	0.0952	95	80 - 120	2014-09-09
Ethylbenzene		1,2,3,4,5	mg/L	0.100	0.0903	90	80 - 120	2014-09-09
Xylene		1,2,3,4,5	mg/L	0.300	0.275	92	80 - 120	2014-09-09

Standard (CCV-2)

QC Batch: 115330 | Date Analyzed: 2014-09-09 | Analyzed By: MT

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,3,4,5	mg/L	0.100	0.0929	93	80 - 120	2014-09-09
Toluene		1,2,3,4,5	mg/L	0.100	0.0916	92	80 - 120	2014-09-09
Ethylbenzene		1,2,3,4,5	mg/L	0.100	0.0867	87	80 - 120	2014-09-09
Xylene		1,2,3,4,5	mg/L	0.300	0.264	88	80 - 120	2014-09-09

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	PJLA	L14-93	Lubbock
2	Kansas	Kansas E-10317	Lubbock
3	LELAP	LELAP-02003	Lubbock
4	NELAP	T104704219-14-10	Lubbock
5		2014-018	Lubbock

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.

F	Description
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 # 1409029

Page 1 of 1

TraceAnalysis, Inc.

email: lab@traceanalysis.com

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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 #:**

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

Contact Person: Curt Stanley — **E-mail:**

Invoice to: (If different from above) Plains

Project #: NM-2006 — **Project Name:** Monument #2

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	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
373477	mw2	3	VOA	X				X				X		8/26/14	1400		X																									
478	mw8	↓	↓	↓				↓				↓		↓	1425		↓																									

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	
	NOVA	8/29/14	1632		TA	8/29/14	16:32	INST Key 39 °C COR 38 °C
	TA	8/29/14	15:32					INST ____ °C OBS ____ °C COR ____ °C
				BC, TA		9/3/14	9m	INST IR 3 °C OBS 4.8 °C COR 4.7 °C

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

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 # Carry 1650 ZR594387

ORIGINAL COPY

TRACEANALYSIS, INC.

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(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 21, 2014

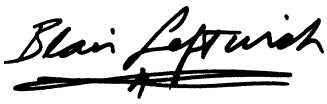
Work Order: 14111307

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
379432	MW-1	water	2014-11-13	16:50	2014-11-13
379433	MW-3	water	2014-11-13	17:05	2014-11-13
379434	MW-5	water	2014-11-13	17:20	2014-11-13
379435	MW-6	water	2014-11-13	17:37	2014-11-13
379436	MW-7	water	2014-11-13	17:52	2014-11-13
379437	MW-4	water	2014-11-13	18:10	2014-11-13
379438	MW-2	water	2014-11-13	18:24	2014-11-13

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
James Taylor, Assistant Director
Brian Pellam, Operations Manager

Report Contents

Case Narrative

Samples for project TNM Monument #2 were received by TraceAnalysis, Inc. on 2014-11-13 and assigned to work order 14111307. Samples for work order 14111307 were received intact without headspace and at a temperature of 1.2 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	99123	2014-11-15 at 09:01	117238	2014-11-15 at 09:01
BTEX	S 8021B	99184	2014-11-18 at 15:00	117309	2014-11-18 at 15:00

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 14111307 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: 379432 - MW-1

Laboratory:	Lubbock				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	117309	Date Analyzed:	2014-11-18	Analyzed By:	JS
Prep Batch:	99184	Sample Preparation:	2014-11-18	Prepared By:	JS

Parameter	Flag	Cert	Result	RL Units	Dilution	RL
Benzene		1,2,3,4,5	<0.00100	mg/L	1	0.00100
Toluene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Xylene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.0935	mg/L	1	0.100	94	70 - 130
4-Bromofluorobenzene (4-BFB)		5	0.0915	mg/L	1	0.100	92	70 - 130

Sample: 379433 - MW-3

Laboratory:	Lubbock				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	117238	Date Analyzed:	2014-11-15	Analyzed By:	JS
Prep Batch:	99123	Sample Preparation:	2014-11-15	Prepared By:	JS

Parameter	Flag	Cert	Result	RL Units	Dilution	RL
Benzene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Toluene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Xylene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.0907	mg/L	1	0.100	91	68.8 - 120
4-Bromofluorobenzene (4-BFB)		5	0.0929	mg/L	1	0.100	93	67.5 - 120

Sample: 379434 - MW-5

Laboratory:	Lubbock				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	117309	Date Analyzed:	2014-11-18	Analyzed By:	JS
Prep Batch:	99184	Sample Preparation:	2014-11-18	Prepared By:	JS

Parameter	Flag	Cert	Result	RL Units	Dilution	RL
Benzene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Toluene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Xylene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.0959	mg/L	1	0.100	96	70 - 130
4-Bromofluorobenzene (4-BFB)		5	0.0931	mg/L	1	0.100	93	70 - 130

Sample: 379435 - MW-6

Laboratory:	Lubbock				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	117238	Date Analyzed:	2014-11-15	Analyzed By:	JS
Prep Batch:	99123	Sample Preparation:	2014-11-15	Prepared By:	JS

Parameter	Flag	Cert	Result	RL Units	Dilution	RL
Benzene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Toluene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Xylene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.0878	mg/L	1	0.100	88	68.8 - 120
4-Bromofluorobenzene (4-BFB)		5	0.0917	mg/L	1	0.100	92	67.5 - 120

Sample: 379436 - MW-7

Laboratory:	Lubbock				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	117238	Date Analyzed:	2014-11-15	Analyzed By:	JS
Prep Batch:	99123	Sample Preparation:	2014-11-15	Prepared By:	JS

Parameter	Flag	Cert	Result	RL Units	Dilution	RL
Benzene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Toluene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Xylene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.0879	mg/L	1	0.100	88	68.8 - 120
4-Bromofluorobenzene (4-BFB)		5	0.0923	mg/L	1	0.100	92	67.5 - 120

Sample: 379437 - MW-4

Laboratory:	Lubbock				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	117238	Date Analyzed:	2014-11-15	Analyzed By:	JS
Prep Batch:	99123	Sample Preparation:	2014-11-15	Prepared By:	JS

Parameter	Flag	Cert	Result	RL Units	Dilution	RL
Benzene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Toluene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Xylene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.0936	mg/L	1	0.100	94	68.8 - 120
4-Bromofluorobenzene (4-BFB)		5	0.0945	mg/L	1	0.100	94	67.5 - 120

Sample: 379438 - MW-2

Laboratory:	Lubbock				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	117309	Date Analyzed:	2014-11-18	Analyzed By:	JS
Prep Batch:	99184	Sample Preparation:	2014-11-18	Prepared By:	JS

Parameter	Flag	Cert	Result	Units	Dilution	RL
Benzene		1,2,3,4,5	**0.00160**	mg/L	1	0.00100
Toluene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Ethylbenzene		1,2,3,4,5	**0.00750**	mg/L	1	0.00100
Xylene		1,2,3,4,5	**0.00280**	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.0944	mg/L	1	0.100	94	70 - 130
4-Bromofluorobenzene (4-BFB)		5	0.0968	mg/L	1	0.100	97	70 - 130

Method Blanks

Method Blank (1) QC Batch: 117238

QC Batch: 117238 | Date Analyzed: 2014-11-15 | Analyzed By: JS
Prep Batch: 99123 | QC Preparation: 2014-11-15 | Prepared By: JS

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1,2,3,4,5	<0.000425	mg/L	0.001
Toluene		1,2,3,4,5	<0.000409	mg/L	0.001
Ethylbenzene		1,2,3,4,5	<0.000281	mg/L	0.001
Xylene		1,2,3,4,5	<0.000274	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.0864	mg/L	1	0.100	86	68.8 - 120
4-Bromofluorobenzene (4-BFB)		5	0.0902	mg/L	1	0.100	90	67.5 - 120

Method Blank (1) QC Batch: 117309

QC Batch: 117309 | Date Analyzed: 2014-11-18 | Analyzed By: JS
Prep Batch: 99184 | QC Preparation: 2014-11-18 | Prepared By: JS

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1,2,3,4,5	<0.000303	mg/L	0.001
Toluene		1,2,3,4,5	<0.000303	mg/L	0.001
Ethylbenzene		1,2,3,4,5	<0.000266	mg/L	0.001
Xylene		1,2,3,4,5	<0.000265	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.0954	mg/L	1	0.100	95	70 - 130
4-Bromofluorobenzene (4-BFB)		5	0.0920	mg/L	1	0.100	92	70 - 130

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 117238 | Date Analyzed: 2014-11-15 | Analyzed By: JS
Prep Batch: 99123 | QC Preparation: 2014-11-15 | Prepared By: JS

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1,2,3,4,5	0.0941	mg/L	1	0.100	<0.000425	94	71.6 - 120
Toluene		1,2,3,4,5	0.0943	mg/L	1	0.100	<0.000409	94	71.6 - 120
Ethylbenzene		1,2,3,4,5	0.0956	mg/L	1	0.100	<0.000281	96	71.1 - 120
Xylene		1,2,3,4,5	0.287	mg/L	1	0.300	<0.000274	96	72.5 - 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		1,2,3,4,5	0.0960	mg/L	1	0.100	<0.000425	96	71.6 - 120	2	20
Toluene		1,2,3,4,5	0.0981	mg/L	1	0.100	<0.000409	98	71.6 - 120	4	20
Ethylbenzene		1,2,3,4,5	0.0999	mg/L	1	0.100	<0.000281	100	71.1 - 120	4	20
Xylene		1,2,3,4,5	0.301	mg/L	1	0.300	<0.000274	100	72.5 - 120	5	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)	5	0.0923	0.105	mg/L	1	0.100	92	105	68.8 - 120
4-Bromofluorobenzene (4-BFB)	5	0.0969	0.163	mg/L	1	0.100	97	163	67.5 - 120

Laboratory Control Spike (LCS-1)

QC Batch: 117309 | Date Analyzed: 2014-11-18 | Analyzed By: JS
Prep Batch: 99184 | QC Preparation: 2014-11-18 | Prepared By: JS

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1,2,3,4,5	0.0962	mg/L	1	0.100	<0.000303	96	70 - 130
Toluene		1,2,3,4,5	0.0961	mg/L	1	0.100	<0.000303	96	70 - 130
Ethylbenzene		1,2,3,4,5	0.0953	mg/L	1	0.100	<0.000266	95	70 - 130
Xylene		1,2,3,4,5	0.292	mg/L	1	0.300	<0.000265	97	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		1,2,3,4,5	0.0951	mg/L	1	0.100	<0.000303	95	70 - 130	1	20
Toluene		1,2,3,4,5	0.0947	mg/L	1	0.100	<0.000303	95	70 - 130	2	20
Ethylbenzene		1,2,3,4,5	0.0935	mg/L	1	0.100	<0.000266	94	70 - 130	2	20
Xylene		1,2,3,4,5	0.286	mg/L	1	0.300	<0.000265	95	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)	5	0.0966	0.0970	mg/L	1	0.100	97	97	70 - 130
4-Bromofluorobenzene (4-BFB)	5	0.0917	0.0909	mg/L	1	0.100	92	91	70 - 130

Matrix Spikes

Matrix Spike (MS-1) Spiked Sample: 379418

QC Batch: 117238 | Date Analyzed: 2014-11-15 | Analyzed By: JS
Prep Batch: 99123 | QC Preparation: 2014-11-15 | Prepared By: JS

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1,2,3,4,5	0.132	mg/L	1	0.100	0.0231	109	54.2 - 120
Toluene		1,2,3,4,5	0.0972	mg/L	1	0.100	<0.000409	97	55.6 - 120
Ethylbenzene		1,2,3,4,5	0.101	mg/L	1	0.100	0.0024	99	59.6 - 120
Xylene		1,2,3,4,5	0.311	mg/L	1	0.300	0.0113	100	61.4 - 120

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		1,2,3,4,5	0.115	mg/L	1	0.100	0.0231	92	54.2 - 120	14	20
Toluene		1,2,3,4,5	0.0946	mg/L	1	0.100	<0.000409	95	55.6 - 120	3	20
Ethylbenzene		1,2,3,4,5	0.0986	mg/L	1	0.100	0.0024	96	59.6 - 120	2	20
Xylene		1,2,3,4,5	0.298	mg/L	1	0.300	0.0113	96	61.4 - 120	4	20

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

Surrogate		MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	5	0.0927	0.0980	mg/L	1	0.1	93	98	68.8 - 120
4-Bromofluorobenzene (4-BFB)	5	0.0978	0.0973	mg/L	1	0.1	98	97	67.5 - 120

Matrix Spike (MS-1) Spiked Sample: 379419

QC Batch: 117309 | Date Analyzed: 2014-11-18 | Analyzed By: JS
Prep Batch: 99184 | QC Preparation: 2014-11-18 | Prepared By: JS

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1,2,3,4,5	0.0972	mg/L	1	0.100	0.0044	93	70 - 130
Toluene		1,2,3,4,5	0.0943	mg/L	1	0.100	<0.000303	94	70 - 130
Ethylbenzene		1,2,3,4,5	0.0936	mg/L	1	0.100	0.0003	93	70 - 130
Xylene		1,2,3,4,5	0.287	mg/L	1	0.300	0.0023	95	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		1,2,3,4,5	0.100	mg/L	1	0.100	0.0044	96	70 - 130	3	20
Toluene		1,2,3,4,5	0.0982	mg/L	1	0.100	<0.000303	98	70 - 130	4	20
Ethylbenzene		1,2,3,4,5	0.0978	mg/L	1	0.100	0.0003	98	70 - 130	4	20
Xylene		1,2,3,4,5	0.300	mg/L	1	0.300	0.0023	99	70 - 130	4	20

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

Surrogate		MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	5	0.0958	0.0969	mg/L	1	0.1	96	97	70 - 130
4-Bromofluorobenzene (4-BFB)	5	0.0899	0.0931	mg/L	1	0.1	90	93	70 - 130

Calibration Standards

Standard (CCV-2)

QC Batch: 117238 | Date Analyzed: 2014-11-15 | Analyzed By: JS

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,3,4,5	mg/L	0.100	0.0938	94	80 - 120	2014-11-15
Toluene		1,2,3,4,5	mg/L	0.100	0.0943	94	80 - 120	2014-11-15
Ethylbenzene		1,2,3,4,5	mg/L	0.100	0.0942	94	80 - 120	2014-11-15
Xylene		1,2,3,4,5	mg/L	0.300	0.281	94	80 - 120	2014-11-15

Standard (CCV-3)

QC Batch: 117238 | Date Analyzed: 2014-11-15 | Analyzed By: JS

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,3,4,5	mg/L	0.100	0.0930	93	80 - 120	2014-11-15
Toluene		1,2,3,4,5	mg/L	0.100	0.0931	93	80 - 120	2014-11-15
Ethylbenzene		1,2,3,4,5	mg/L	0.100	0.0922	92	80 - 120	2014-11-15
Xylene		1,2,3,4,5	mg/L	0.300	0.275	92	80 - 120	2014-11-15

Standard (CCV-1)

QC Batch: 117309 | Date Analyzed: 2014-11-18 | Analyzed By: JS

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,3,4,5	mg/L	0.100	0.0953	95	80 - 120	2014-11-18
Toluene		1,2,3,4,5	mg/L	0.100	0.0980	98	80 - 120	2014-11-18
Ethylbenzene		1,2,3,4,5	mg/L	0.100	0.0972	97	80 - 120	2014-11-18
Xylene		1,2,3,4,5	mg/L	0.300	0.297	99	80 - 120	2014-11-18

Standard (CCV-2)

QC Batch: 117309 | Date Analyzed: 2014-11-18 | Analyzed By: JS

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,3,4,5	mg/L	0.100	0.0937	94	80 - 120	2014-11-18
Toluene		1,2,3,4,5	mg/L	0.100	0.0937	94	80 - 120	2014-11-18
Ethylbenzene		1,2,3,4,5	mg/L	0.100	0.0935	94	80 - 120	2014-11-18
Xylene		1,2,3,4,5	mg/L	0.300	0.286	95	80 - 120	2014-11-18

Standard (CCV-3)

QC Batch: 117309 | Date Analyzed: 2014-11-18 | Analyzed By: JS

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,3,4,5	mg/L	0.100	0.0944	94	80 - 120	2014-11-18
Toluene		1,2,3,4,5	mg/L	0.100	0.0943	94	80 - 120	2014-11-18
Ethylbenzene		1,2,3,4,5	mg/L	0.100	0.0932	93	80 - 120	2014-11-18
Xylene		1,2,3,4,5	mg/L	0.300	0.285	95	80 - 120	2014-11-18

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	PJLA	L14-93	Lubbock
2	Kansas	Kansas E-10317	Lubbock
3	LELAP	LELAP-02003	Lubbock
4	NELAP	T104704219-14-10	Lubbock
5		2014-018	Lubbock

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.

F	Description
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.

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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: December 12, 2014

Work Order: 14111711

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
379792	MW-2	water	2014-11-15	14:02	2014-11-17
379793	MW-8	water	2014-11-15	14:12	2014-11-17

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
James Taylor, Assistant Director
Brian Pellam, Operations Manager

Report Contents

Case Narrative

Samples for project TNM Monument #2 were received by TraceAnalysis, Inc. on 2014-11-17 and assigned to work order 14111711. Samples for work order 14111711 were received intact without headspace and at a temperature of 1.4 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	99252	2014-11-20 at 09:15	117391	2014-11-21 at 07:10
BTEX	S 8021B	99300	2014-11-23 at 08:05	117453	2014-11-24 at 07:02
PAH	S 8270D	99724	2014-11-22 at 15:00	117952	2014-12-12 at 12:51

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 14111711 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: 379792 - MW-2

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	117453	Date Analyzed:	2014-11-24	Analyzed By:	AK
Prep Batch:	99300	Sample Preparation:	2014-11-23	Prepared By:	AK

Parameter	Flag	Cert	Result	RL	Units	Dilution	RL
Benzene		5	**0.00420**		mg/L	1	0.00100
Toluene	U	5	<0.00100		mg/L	1	0.00100
Ethylbenzene		5	**0.0126**		mg/L	1	0.00100
Xylene		5	**0.00870**		mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0978	mg/L	1	0.100	98	70 - 130
4-Bromofluorobenzene (4-BFB)			0.110	mg/L	1	0.100	110	70 - 130

Sample: 379792 - MW-2

Laboratory:	Lubbock				
Analysis:	PAH	Analytical Method:	S 8270D	Prep Method:	S 3510C
QC Batch:	117952	Date Analyzed:	2014-12-12	Analyzed By:	MN
Prep Batch:	99724	Sample Preparation:	2014-11-22	Prepared By:	MN

Parameter	Flag	Cert	Result	RL	Units	Dilution	RL
Naphthalene	U	1,2,3,4,6	<0.000200		mg/L	1	0.000200
2-Methylnaphthalene	U	1,2,3,4,6	<0.000200		mg/L	1	0.000200
1-Methylnaphthalene	Qs	1	**0.0500**		mg/L	1	0.000200
Acenaphthylene	U	1,2,3,4,6	<0.000200		mg/L	1	0.000200
Acenaphthene	U	1,2,3,4,6	<0.000200		mg/L	1	0.000200
Dibenzofuran	U	1,2,3,4,6	<0.000200		mg/L	1	0.000200
Fluorene	U	1,2,3,4,6	<0.000200		mg/L	1	0.000200
Anthracene	Qc,U	1,2,3,4,6	<0.000200		mg/L	1	0.000200
Phenanthrene	U	1,2,3,4,6	<0.000200		mg/L	1	0.000200
Fluoranthene	U	1,2,3,4,6	<0.000200		mg/L	1	0.000200
Pyrene	Qc,U	1,2,3,4,6	<0.000200		mg/L	1	0.000200
Benzo(a)anthracene	U	1,2,3,4,6	<0.000200		mg/L	1	0.000200
Chrysene	U	1,2,3,4,6	<0.000200		mg/L	1	0.000200

continued ...

sample 379792 continued . . .

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzo(b)fluoranthene	U	1,2,3,4,6	<0.000200	mg/L	1	0.000200
Benzo(k)fluoranthene	U	1,2,3,4,6	<0.000200	mg/L	1	0.000200
Benzo(a)pyrene	U	1,2,3,4,6	<0.000200	mg/L	1	0.000200
Indeno(1,2,3-cd)pyrene	U	1,2,3,4,6	<0.000200	mg/L	1	0.000200
Dibenzo(a,h)anthracene	Qs,U	1,2,3,4,6	<0.000200	mg/L	1	0.000200
Benzo(g,h,i)perylene	U	1,2,3,4,6	<0.000200	mg/L	1	0.000200

Surrogate		Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5	Qsr	Qsr		0.0240	mg/L	1	8.00	0	10 - 121
2-Fluorobiphenyl				2.08	mg/L	1	8.00	26	20.5 - 120
Terphenyl-d14	Qsr	Qsr		1.97	mg/L	1	8.00	25	26.4 - 120

Sample: 379793 - MW-8

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	117391	Date Analyzed:	2014-11-21	Analyzed By:	AK
Prep Batch:	99252	Sample Preparation:	2014-11-20	Prepared By:	AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		5	**0.00690**	mg/L	1	0.00100
Toluene		5	**0.00400**	mg/L	1	0.00100
Ethylbenzene		5	**0.0415**	mg/L	1	0.00100
Xylene		5	**0.127**	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)	Qsr	Qsr		0.148	mg/L	1	0.100	148	70 - 130

Sample: 379793 - MW-8

Laboratory:	Lubbock				
Analysis:	PAH	Analytical Method:	S 8270D	Prep Method:	S 3510C
QC Batch:	117952	Date Analyzed:	2014-12-12	Analyzed By:	MN
Prep Batch:	99724	Sample Preparation:	2014-11-22	Prepared By:	MN

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Naphthalene		1,2,3,4,6	**0.113**	mg/L	1	0.000200
2-Methylnaphthalene		1,2,3,4,6	**0.486**	mg/L	1	0.000200
1-Methylnaphthalene	Qs	1	**1.29**	mg/L	1	0.000200
Acenaphthylene	U	1,2,3,4,6	<0.000200	mg/L	1	0.000200
Acenaphthene	U	1,2,3,4,6	<0.000200	mg/L	1	0.000200
Dibenzofuran	U	1,2,3,4,6	<0.000200	mg/L	1	0.000200
Fluorene	U	1,2,3,4,6	<0.000200	mg/L	1	0.000200
Anthracene	Qc,U	1,2,3,4,6	<0.000200	mg/L	1	0.000200
Phenanthrene	U	1,2,3,4,6	<0.000200	mg/L	1	0.000200
Fluoranthene	U	1,2,3,4,6	<0.000200	mg/L	1	0.000200
Pyrene	Qc,U	1,2,3,4,6	<0.000200	mg/L	1	0.000200
Benzo(a)anthracene	U	1,2,3,4,6	<0.000200	mg/L	1	0.000200
Chrysene	U	1,2,3,4,6	<0.000200	mg/L	1	0.000200
Benzo(b)fluoranthene	U	1,2,3,4,6	<0.000200	mg/L	1	0.000200
Benzo(k)fluoranthene	U	1,2,3,4,6	<0.000200	mg/L	1	0.000200
Benzo(a)pyrene	U	1,2,3,4,6	<0.000200	mg/L	1	0.000200
Indeno(1,2,3-cd)pyrene	U	1,2,3,4,6	<0.000200	mg/L	1	0.000200
Dibenzo(a,h)anthracene	Qs,U	1,2,3,4,6	<0.000200	mg/L	1	0.000200
Benzo(g,h,i)perylene	U	1,2,3,4,6	<0.000200	mg/L	1	0.000200

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5			0.813	mg/L	1	8.00	10	10 - 121
2-Fluorobiphenyl			2.37	mg/L	1	8.00	30	20.5 - 120
Terphenyl-d14			2.58	mg/L	1	8.00	32	26.4 - 120

Method Blanks

Method Blank (1) QC Batch: 117391

QC Batch: 117391 | Date Analyzed: 2014-11-21 | Analyzed By: AK
Prep Batch: 99252 | QC Preparation: 2014-11-20 | Prepared By: AK

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		5	<0.000299	mg/L	0.001
Toluene		5	<0.000247	mg/L	0.001
Ethylbenzene		5	<0.000423	mg/L	0.001
Xylene		5	<0.000552	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0934	mg/L	1	0.100	93	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0865	mg/L	1	0.100	86	70 - 130

Method Blank (1) QC Batch: 117453

QC Batch: 117453 | Date Analyzed: 2014-11-24 | Analyzed By: AK
Prep Batch: 99300 | QC Preparation: 2014-11-23 | Prepared By: AK

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		5	<0.000299	mg/L	0.001
Toluene		5	<0.000247	mg/L	0.001
Ethylbenzene		5	<0.000423	mg/L	0.001
Xylene		5	<0.000552	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0895	mg/L	1	0.100	90	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0818	mg/L	1	0.100	82	70 - 130

Method Blank (1) QC Batch: 117952

QC Batch: 117952 | Date Analyzed: 2014-12-12 | Analyzed By: MN
Prep Batch: 99724 | QC Preparation: 2014-11-22 | Prepared By: MN

Parameter	Flag	Cert	MDL Result	Units	RL
Naphthalene		1,2,3,4,6	<0.0000708	mg/L	0.0002
2-Methylnaphthalene		1,2,3,4,6	<0.0000834	mg/L	0.0002
1-Methylnaphthalene		1	<0.000107	mg/L	0.0002
Acenaphthylene		1,2,3,4,6	<0.0000823	mg/L	0.0002
Acenaphthene		1,2,3,4,6	<0.0000888	mg/L	0.0002
Dibenzofuran		1,2,3,4,6	<0.0000787	mg/L	0.0002
Fluorene		1,2,3,4,6	<0.0000670	mg/L	0.0002
Anthracene		1,2,3,4,6	<0.0000838	mg/L	0.0002
Phenanthrene		1,2,3,4,6	<0.000106	mg/L	0.0002
Fluoranthene		1,2,3,4,6	<0.0000885	mg/L	0.0002
Pyrene		1,2,3,4,6	<0.000149	mg/L	0.0002
Benzo(a)anthracene		1,2,3,4,6	<0.000146	mg/L	0.0002
Chrysene		1,2,3,4,6	<0.000157	mg/L	0.0002
Benzo(b)fluoranthene		1,2,3,4,6	<0.000146	mg/L	0.0002
Benzo(k)fluoranthene		1,2,3,4,6	<0.000152	mg/L	0.0002
Benzo(a)pyrene		1,2,3,4,6	<0.000141	mg/L	0.0002
Indeno(1,2,3-cd)pyrene		1,2,3,4,6	<0.000160	mg/L	0.0002
Dibenzo(a,h)anthracene		1,2,3,4,6	<0.000127	mg/L	0.0002
Benzo(g,h,i)perylene		1,2,3,4,6	<0.000175	mg/L	0.0002

Surrogate		Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5	Qsr	Qsr		0.0448	mg/L	1	8.00	0	10 - 121
2-Fluorobiphenyl				4.62	mg/L	1	8.00	58	20.5 - 120
Terphenyl-d14				4.32	mg/L	1	8.00	54	26.4 - 120

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 117391 | Date Analyzed: 2014-11-21 | Analyzed By: AK
Prep Batch: 99252 | QC Preparation: 2014-11-20 | Prepared By: AK

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		5	0.0933	mg/L	1	0.100	<0.000299	93	70 - 130
Toluene		5	0.0967	mg/L	1	0.100	<0.000247	97	70 - 130
Ethylbenzene		5	0.0975	mg/L	1	0.100	<0.000423	98	70 - 130
Xylene		5	0.294	mg/L	1	0.300	<0.000552	98	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		5	0.0889	mg/L	1	0.100	<0.000299	89	70 - 130	5	20
Toluene		5	0.0907	mg/L	1	0.100	<0.000247	91	70 - 130	6	20
Ethylbenzene		5	0.0907	mg/L	1	0.100	<0.000423	91	70 - 130	7	20
Xylene		5	0.278	mg/L	1	0.300	<0.000552	93	70 - 130	6	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)	0.0962	0.0943	mg/L	1	0.100	96	94	70 - 130
4-Bromofluorobenzene (4-BFB)	0.112	0.110	mg/L	1	0.100	112	110	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 117453 | Date Analyzed: 2014-11-24 | Analyzed By: AK
Prep Batch: 99300 | QC Preparation: 2014-11-23 | Prepared By: AK

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		5	0.0925	mg/L	1	0.100	<0.000299	92	70 - 130
Toluene		5	0.0947	mg/L	1	0.100	<0.000247	95	70 - 130
Ethylbenzene		5	0.0957	mg/L	1	0.100	<0.000423	96	70 - 130
Xylene		5	0.290	mg/L	1	0.300	<0.000552	97	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		5	0.0929	mg/L	1	0.100	<0.000299	93	70 - 130	0	20
Toluene		5	0.0953	mg/L	1	0.100	<0.000247	95	70 - 130	1	20
Ethylbenzene		5	0.0982	mg/L	1	0.100	<0.000423	98	70 - 130	3	20
Xylene		5	0.293	mg/L	1	0.300	<0.000552	98	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)	0.0949	0.0935	mg/L	1	0.100	95	94	70 - 130
4-Bromofluorobenzene (4-BFB)	0.105	0.104	mg/L	1	0.100	105	104	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 117952 | Date Analyzed: 2014-12-12 | Analyzed By: MN
Prep Batch: 99724 | QC Preparation: 2014-11-22 | Prepared By: MN

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Naphthalene		1,2,3,4,6	5.88	mg/L	1	8.00	<0.0000708	74	33.4 - 120
2-Methylnaphthalene		1,2,3,4,6	5.43	mg/L	1	8.00	<0.0000834	68	36.7 - 120
1-Methylnaphthalene	Qs	Qs 1	11.8	mg/L	1	8.00	<0.000107	148	37.7 - 120
Acenaphthylene		1,2,3,4,6	7.14	mg/L	1	8.00	<0.0000832	89	39.7 - 120
Acenaphthene		1,2,3,4,6	6.13	mg/L	1	8.00	<0.0000888	77	10 - 120
Dibenzofuran		1,2,3,4,6	5.65	mg/L	1	8.00	<0.0000787	71	27.5 - 120
Fluorene		1,2,3,4,6	5.17	mg/L	1	8.00	<0.0000670	65	32.7 - 120
Anthracene		1,2,3,4,6	9.06	mg/L	1	8.00	<0.0000838	113	23.6 - 120
Phenanthrene		1,2,3,4,6	4.69	mg/L	1	8.00	<0.000106	59	26.7 - 120
Fluoranthene		1,2,3,4,6	4.48	mg/L	1	8.00	<0.0000885	56	19.2 - 120
Pyrene		1,2,3,4,6	7.73	mg/L	1	8.00	<0.000149	97	34.1 - 120
Benzo(a)anthracene		1,2,3,4,6	5.60	mg/L	1	8.00	<0.000146	70	43.4 - 120
Chrysene		1,2,3,4,6	6.17	mg/L	1	8.00	<0.000157	77	10 - 176
Benzo(b)fluoranthene		1,2,3,4,6	5.60	mg/L	1	8.00	<0.000146	70	18.4 - 120
Benzo(k)fluoranthene		1,2,3,4,6	6.05	mg/L	1	8.00	<0.000152	76	22 - 124
Benzo(a)pyrene		1,2,3,4,6	6.45	mg/L	1	8.00	<0.000141	81	25.1 - 120
Indeno(1,2,3-cd)pyrene		1,2,3,4,6	3.84	mg/L	1	8.00	<0.000160	48	21.3 - 120
Dibenzo(a,h)anthracene		1,2,3,4,6	13.6	mg/L	1	8.00	<0.000127	170	10 - 173
Benzo(g,h,i)perylene		1,2,3,4,6	5.54	mg/L	1	8.00	<0.000175	69	10.7 - 128

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		1,2,3,4,6	6.01	mg/L	1	8.00	<0.0000708	75	33.4 - 120	2	20

continued ...

control spikes continued . . .

Param		F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
2-Methylnaphthalene			1,2,3,4,6	5.47	mg/L	1	8.00	<0.0000834	68	36.7 - 120	1	20
1-Methylnaphthalene	Qs	Qs	1	11.9	mg/L	1	8.00	<0.000107	149	37.7 - 120	1	20
Acenaphthylene			1,2,3,4,6	7.42	mg/L	1	8.00	<0.0000832	93	39.7 - 120	4	20
Acenaphthene			1,2,3,4,6	6.29	mg/L	1	8.00	<0.0000888	79	10 - 120	3	20
Dibenzofuran			1,2,3,4,6	5.72	mg/L	1	8.00	<0.0000787	72	27.5 - 120	1	20
Fluorene			1,2,3,4,6	5.15	mg/L	1	8.00	<0.0000670	64	32.7 - 120	0	20
Anthracene			1,2,3,4,6	9.19	mg/L	1	8.00	<0.0000838	115	23.6 - 120	1	20
Phenanthrene			1,2,3,4,6	4.67	mg/L	1	8.00	<0.000106	58	26.7 - 120	0	20
Fluoranthene			1,2,3,4,6	4.61	mg/L	1	8.00	<0.0000885	58	19.2 - 120	3	20
Pyrene			1,2,3,4,6	7.37	mg/L	1	8.00	<0.000149	92	34.1 - 120	5	20
Benzo(a)anthracene			1,2,3,4,6	5.68	mg/L	1	8.00	<0.000146	71	43.4 - 120	1	20
Chrysene			1,2,3,4,6	6.17	mg/L	1	8.00	<0.000157	77	10 - 176	0	20
Benzo(b)fluoranthene			1,2,3,4,6	5.77	mg/L	1	8.00	<0.000146	72	18.4 - 120	3	20
Benzo(k)fluoranthene			1,2,3,4,6	5.99	mg/L	1	8.00	<0.000152	75	22 - 124	1	20
Benzo(a)pyrene			1,2,3,4,6	6.53	mg/L	1	8.00	<0.000141	82	25.1 - 120	1	20
Indeno(1,2,3-cd)pyrene			1,2,3,4,6	3.69	mg/L	1	8.00	<0.000160	46	21.3 - 120	4	20
Dibenzo(a,h)anthracene	Qs	Qs	1,2,3,4,6	14.6	mg/L	1	8.00	<0.000127	182	10 - 173	7	20
Benzo(g,h,i)perylene			1,2,3,4,6	5.60	mg/L	1	8.00	<0.000175	70	10.7 - 128	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
Nitrobenzene-d5	Qsr	Qsr	0.0612	0.0489	mg/L	1	8.00	1	1	10 - 121
2-Fluorobiphenyl			6.17	6.52	mg/L	1	8.00	77	82	20.5 - 120
Terphenyl-d14			6.01	5.96	mg/L	1	8.00	75	74	26.4 - 120

Matrix Spikes

Matrix Spike (MS-1) Spiked Sample: 379837

QC Batch: 117391 | Date Analyzed: 2014-11-21 | Analyzed By: AK
Prep Batch: 99252 | QC Preparation: 2014-11-20 | Prepared By: AK

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		[5]	0.0977	mg/L	1	0.100	<0.000299	98	70 - 130
Toluene		[5]	0.0974	mg/L	1	0.100	<0.000247	97	70 - 130
Ethylbenzene		[5]	0.0990	mg/L	1	0.100	<0.000423	99	70 - 130
Xylene		[5]	0.298	mg/L	1	0.300	<0.000552	99	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		[5]	0.0971	mg/L	1	0.100	<0.000299	97	70 - 130	1	20
Toluene		[5]	0.0979	mg/L	1	0.100	<0.000247	98	70 - 130	0	20
Ethylbenzene		[5]	0.100	mg/L	1	0.100	<0.000423	100	70 - 130	1	20
Xylene		[5]	0.302	mg/L	1	0.300	<0.000552	101	70 - 130	1	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)	0.0966	0.0951	mg/L	1	0.1	97	95	70 - 130
4-Bromofluorobenzene (4-BFB)	0.111	0.109	mg/L	1	0.1	111	109	70 - 130

Matrix Spike (MS-1) Spiked Sample: 380084

QC Batch: 117453 | Date Analyzed: 2014-11-24 | Analyzed By: AK
Prep Batch: 99300 | QC Preparation: 2014-11-23 | Prepared By: AK

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		[5]	0.0972	mg/L	1	0.100	<0.000299	97	70 - 130
Toluene		[5]	0.100	mg/L	1	0.100	<0.000247	100	70 - 130
Ethylbenzene		[5]	0.101	mg/L	1	0.100	<0.000423	101	70 - 130
Xylene		[5]	0.306	mg/L	1	0.300	<0.000552	102	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		5	0.0965	mg/L	1	0.100	<0.000299	96	70 - 130	1	20
Toluene		5	0.0993	mg/L	1	0.100	<0.000247	99	70 - 130	1	20
Ethylbenzene		5	0.0991	mg/L	1	0.100	<0.000423	99	70 - 130	2	20
Xylene		5	0.303	mg/L	1	0.300	<0.000552	101	70 - 130	1	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)	0.0991	0.0911	mg/L	1	0.1	99	91	70 - 130
4-Bromofluorobenzene (4-BFB)	0.106	0.104	mg/L	1	0.1	106	104	70 - 130

Calibration Standards

Standard (CCV-1)

QC Batch: 117391 | Date Analyzed: 2014-11-21 | Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		5	mg/L	0.100	0.0970	97	80 - 120	2014-11-21
Toluene		5	mg/L	0.100	0.0974	97	80 - 120	2014-11-21
Ethylbenzene		5	mg/L	0.100	0.0980	98	80 - 120	2014-11-21
Xylene		5	mg/L	0.300	0.296	99	80 - 120	2014-11-21

Standard (CCV-2)

QC Batch: 117391 | Date Analyzed: 2014-11-21 | Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		5	mg/L	0.100	0.0962	96	80 - 120	2014-11-21
Toluene		5	mg/L	0.100	0.0957	96	80 - 120	2014-11-21
Ethylbenzene		5	mg/L	0.100	0.0957	96	80 - 120	2014-11-21
Xylene		5	mg/L	0.300	0.292	97	80 - 120	2014-11-21

Standard (CCV-1)

QC Batch: 117453 | Date Analyzed: 2014-11-24 | Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		5	mg/L	0.100	0.0936	94	80 - 120	2014-11-24
Toluene		5	mg/L	0.100	0.0965	96	80 - 120	2014-11-24
Ethylbenzene		5	mg/L	0.100	0.0981	98	80 - 120	2014-11-24
Xylene		5	mg/L	0.300	0.296	99	80 - 120	2014-11-24

Standard (CCV-2)

QC Batch: 117453 | Date Analyzed: 2014-11-24 | Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		5	mg/L	0.100	0.0958	96	80 - 120	2014-11-24
Toluene		5	mg/L	0.100	0.0975	98	80 - 120	2014-11-24
Ethylbenzene		5	mg/L	0.100	0.0971	97	80 - 120	2014-11-24
Xylene		5	mg/L	0.300	0.294	98	80 - 120	2014-11-24

Standard (CCV-2)

QC Batch: 117952 | Date Analyzed: 2014-12-12 | Analyzed By: MN

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Naphthalene		1,2,3,4,6	mg/L	60.0	60.2	100	80 - 120	2014-12-12
2-Methylnaphthalene		1,2,3,4,6	mg/L	60.0	53.8	90	80 - 120	2014-12-12
1-Methylnaphthalene		1	mg/L	60.0	53.6	89	80 - 120	2014-12-12
Acenaphthylene		1,2,3,4,6	mg/L	60.0	57.4	96	80 - 120	2014-12-12
Acenaphthene		1,2,3,4,6	mg/L	60.0	61.3	102	80 - 120	2014-12-12
Dibenzofuran		1,2,3,4,6	mg/L	60.0	60.0	100	80 - 120	2014-12-12
Fluorene		1,2,3,4,6	mg/L	60.0	59.2	99	80 - 120	2014-12-12
Anthracene	Qc	Qc	mg/L	60.0	123	205	80 - 120	2014-12-12
Phenanthrene		1,2,3,4,6	mg/L	60.0	62.1	104	80 - 120	2014-12-12
Fluoranthene		1,2,3,4,6	mg/L	60.0	70.8	118	80 - 120	2014-12-12
Pyrene		1,2,3,4,6	mg/L	60.0	53.3	89	80 - 120	2014-12-12
Benzo(a)anthracene		1,2,3,4,6	mg/L	60.0	56.6	94	80 - 120	2014-12-12
Chrysene		1,2,3,4,6	mg/L	60.0	55.7	93	80 - 120	2014-12-12
Benzo(b)fluoranthene		1,2,3,4,6	mg/L	60.0	62.9	105	80 - 120	2014-12-12
Benzo(k)fluoranthene		1,2,3,4,6	mg/L	60.0	56.8	95	80 - 120	2014-12-12
Benzo(a)pyrene		1,2,3,4,6	mg/L	60.0	54.3	90	80 - 120	2014-12-12
Indeno(1,2,3-cd)pyrene		1,2,3,4,6	mg/L	60.0	63.6	106	80 - 120	2014-12-12
Dibenzo(a,h)anthracene		1,2,3,4,6	mg/L	60.0	65.3	109	80 - 120	2014-12-12
Benzo(g,h,i)perylene		1,2,3,4,6	mg/L	60.0	54.6	91	80 - 120	2014-12-12

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limit
Nitrobenzene-d5			54.9	mg/L	1	60.0	92	-
2-Fluorobiphenyl			57.4	mg/L	1	60.0	96	-
Terphenyl-d14			57.4	mg/L	1	60.0	96	-

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	PJLA	L14-93	Lubbock
2	Kansas	Kansas E-10317	Lubbock
3	LELAP	LELAP-02003	Lubbock
4	NELAP	T104704219-14-10	Lubbock
5	NELAP	T104704392-14-8	Midland
6		2014-018	Lubbock

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.

F	Description
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 # 14111711

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

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
Fax #:
Contact Person: Curt Stanley
E-mail:
Invoice to: (If different from above) Plains
Project #: TNM-Monument 2
Project Name: Monument 2
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
39792	MW 2	6	VOA	x				x				x		11/15/14	1402
793	MW 8	6	VOA	x				x				x		11/15/14	1412

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			X																						

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	
	Nova	11/17/14	0830		TA	11/17/14	8:22	INST 1.5 °C (dry)
								OBS 1.5 °C
								COR 1.7 °C
	TA	11/17/14	15:30					INST ____ °C
								OBS ____ °C
								COR ____ °C
				Brenda Ward	TA LUBBOCK	11/18/14	8:30	INST IR 3 °C
								OBS 4.4 °C
								COR 4.3 °C

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

REMARKS:

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

Carrier # LS ZR 859731

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

ORIGINAL COPY

Release Notification and Corrective Action
NMOCD Form C-141

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