

AP-63

**Plains
Junction 34 South**

**Annual Report
2013**

2013
ANNUAL MONITORING REPORT

34 JUNCTION SOUTH STATION

LEA COUNTY, NEW MEXICO
NW ¼ SW ¼ SECTION 2, TOWNSHIP 17 SOUTH, RANGE 36 EAST
PLAINS SRS NUMBER: 2005-00138
NMOCD Reference AP-063

PREPARED FOR:

PLAINS MARKETING, L.P.
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PREPARED BY:

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March 2014


Nikki Green
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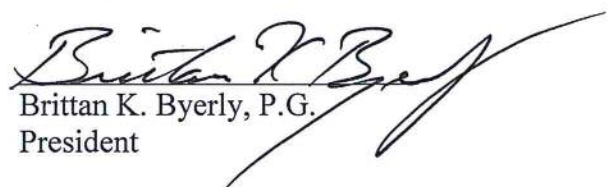

Brittan K. Byerly, P.G.
President

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ENCLOSED ON DATA DISK

2013 Annual Monitoring Report

2013 Tables 1, 2 and 3 – Groundwater Elevation, BTEX and PAH Concentration Data

2013 Figures 1, 2A-2D, and 3A-3D

Electronic Copies of Laboratory Reports

Historic Table 1, 2 and 3 – Groundwater Elevation, BTEX and PAH Concentration Tables

INTRODUCTION

On behalf of Plains Marketing, L.P. (Plains), NOVA Safety and Environmental (NOVA) is pleased to submit this 2013 Annual Monitoring Report in compliance with the New Mexico Oil Conservation Division (NMOCD) letter of May 1998, requiring submittal of an Annual Monitoring Report by April 1 of each year. Beginning on or about August 8, 2006, project management responsibilities were assumed by NOVA, having previously been managed by Basin Environmental Service Technologies, LLC, (Basin). This report is intended to be viewed as a complete document with text, figures, tables and appendices. The report presents the results of the quarterly groundwater monitoring events conducted in calendar year 2013 only. However, historic data tables as well as 2013 laboratory analytical reports are provided on the enclosed data disk. A Site Location Map is provided as Figure 1.

Groundwater monitoring was conducted during each quarter of 2013 to assess the levels and extent of dissolved phase constituents and Phase Separated Hydrocarbon (PSH). Each groundwater monitoring event consisted of measuring static water levels in monitor wells, checking for the presence of PSH on the water column, 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 is NW¼, SW¼, Section 2, Township 17 South, Range 36 East. The site is located on property owned by the State of New Mexico. The site latitude is 32° 51' 42.4" North and the site longitude is 103° 19' 54.4" West. Please reference Figure 1 for a Site Location Map. On June 10, 2005, Basin responded to a pipeline release on behalf of Plains. The release occurred as a result of the mechanical malfunction of an air eliminator check valve at an operational secondary metering station. Emergency response activities included the repair of the affected check valve and excavation of the hydrocarbon impacted soil. Approximately 15 barrels of crude oil were released from the pipeline and 0.5 barrels were recovered, resulting in a net loss of 14.5 barrels. The visibly stained surface area covers an area approximately 20 feet long by 20 feet wide. Excavation activities during the initial response activities covered an area within the fenced station approximately 20 feet long by 20 feet wide and one to four feet below ground surface (bgs). Approximately 100 cubic yards (cy) of excavated soil was placed on a polyethylene liner for future remedial activities. Please reference Appendix A for The Release Notification and Corrective Action (Form C-141).

Currently, there are 17 monitor wells (MW-1 through MW-17) and one recovery well (RW-1) on site. An automated PSH recovery system is present and consists of pneumatic total fluids pumps installed in monitor wells MW-3, MW-4, MW-8 through MW-11 and recovery well RW-1. Recovered PSH is temporarily stored in a frac tank and periodically re-injected into the Plains Pipeline transportation system.

A Stage 1 and Stage 2 Abatement Plan was submitted to the NMOCD in October 2006. The NMOCD has accepted the Abatement Plan as administratively complete and approved the public notice on October 25, 2011.

FIELD ACTIVITIES

Product Recovery Efforts

An automated PSH recovery system, consisting of pneumatic total fluids pumps installed in monitor wells MW-3, MW-4, MW-8 through MW-11 and recovery well RW-1, was operational during the reporting period of 2013. A measurable thickness of PSH was detected in seven monitor wells (MW-3, MW-4, MW-5, MW-8 through MW-11) and in recovery well RW-1 during the 2013 reporting period. The average thickness of PSH in monitor and recovery wells containing PSH during 2013 was 1.31 feet, with a maximum thickness of 7.05 feet occurring in monitor well MW-3 on August 21, 2013. Approximately 1,428.5 gallons (approximately 34.0 barrels) of PSH was recovered from the site during the 2013 reporting period. Approximately 5,059.0 gallons (approximately 120.5 barrels) of PSH have been recovered since the project inception. Measurable thicknesses of PSH are recorded in Table 1 and Figures 3A through 3D.

Groundwater Monitoring

Quarterly monitoring events for the reporting period were performed according to the following sampling schedule.

NMOCD APPROVED SAMPLING SCHEDULE					
Location	Schedule	Location	Schedule	Location	Schedule
MW-1	Annually	MW-7	Semi-Annually	MW-13	Quarterly
MW-2	Annually	MW-8	Quarterly	MW-14	Quarterly
MW-3	Quarterly	MW-9	Quarterly	MW-15	Quarterly
MW-4	Quarterly	MW-10	Quarterly	MW-16	Quarterly
MW-5	Quarterly	MW-11	Quarterly	MW-17	Annually
MW-6	Annually	MW-12	Quarterly	RW-1	Quarterly

The site monitor wells were gauged and sampled on February 11, May 13, August 14, and November 18, 2013. During each sampling event, sampled monitor wells were purged of approximately three well volumes of water or until the wells were dry using a PVC bailer or electrical Grundfos pump. Groundwater was allowed to recharge and samples were collected using disposable Teflon samplers. Water samples were placed 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.

Locations of the monitor wells and the inferred groundwater gradient, which were constructed from measurements collected during the four quarterly monitoring events, are depicted on Figures 2A through 2D, the Inferred Groundwater Gradient Map(s). Groundwater elevation data for 2013 is provided as Table 1. Historic groundwater elevation data beginning at project inception is provided on the enclosed data disk.

The most recent Groundwater Gradient Map, Figure 2D, indicates a general gradient to the northeast.

LABORATORY RESULTS

Groundwater samples obtained during the quarterly sampling events of 2013 were delivered to Trace Analysis, Inc. in Midland, Texas for determination of Benzene, Toluene, Ethylbenzene and Xylene (BTEX) constituent concentrations by EPA Method 8021B. Polynuclear Aromatic

Hydrocarbons (PAH) analysis was not conducted during the 2013 calendar year. Based upon historic PAH analytical data, all monitor wells exhibited constituent concentrations below WQCC standards, with the exclusion of those wells containing measurable PSH thicknesses. A listing of BTEX constituent concentrations for 2013 are summarized in Table 2 and the historic PAH constituent concentrations are summarized in Table 3. Copies of the laboratory reports generated for 2013 are provided on the enclosed data disk. The quarterly groundwater sample results for BTEX constituent concentrations are depicted on Figures 3A through 3D.

Monitor well MW-1 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below MDL and the NMOCD regulatory guidelines during 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below regulatory guidelines for this annual sampling event and the previous 27 quarterly sampling events. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-2 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below MDL and the NMOCD regulatory guidelines during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below regulatory guidelines for this annual sampling event and the previous 27 quarterly sampling events. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-3 is monitored on a quarterly schedule. Monitor well MW-3 was not sampled during the 1st, 2nd, 3rd and 4th quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 3.20 feet, 0.02 feet, 6.91 feet, and 0.01 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2013, respectively. PAH analysis was not conducted during the 4th quarter sampling event due to the presence of PSH.

Monitor well MW-4 is monitored/sampled on a quarterly schedule. Monitor well MW-4 was not sampled during the 1st quarter of the reporting period, due to the presence of PSH. A PSH thickness of 0.61 feet was reported during the 1st quarter of 2013. Analytical results indicated benzene concentrations ranged from 0.176 mg/L during the 2nd quarter to 1.540 mg/L during the 4th quarter of the reporting period. Benzene concentrations were above NMOCD regulatory standard of 0.01 mg/L during the 2nd, 3rd, and 4th quarters of the reporting period. Toluene concentrations were below MDL and the NMOCD regulatory guidelines of 0.75 mg/L. Ethylbenzene concentrations ranged from <0.0500 mg/L during the 4th quarter to 0.2950 mg/L during the 3rd quarter of the reporting period. Ethylbenzene concentrations were below the NMOCD regulatory guidelines of 0.75 mg/L during the 2nd, 3rd, and 4th quarters of 2013. Xylene concentrations ranged from 0.127 mg/L during the 2nd quarter to 1.250 mg/L during the 3rd quarter of the reporting period. Xylene concentrations were above NMOCD regulatory guidelines during the 3rd quarter. PAH analysis was not conducted during the 4th quarter sampling event due to the presence of PSH during the 1st quarter of 2013.

Monitor well MW-5 is monitored on a quarterly schedule. Monitor well MW-5 was not sampled during the 1st, 2nd, 3rd and 4th quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 1.31 feet, 0.40 feet, 0.47 feet and 0.28 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2013, respectively. PAH analysis was not conducted during the 4th quarter sampling event due to the presence of PSH.

Monitor well MW-6 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below MDL and the NMOCD regulatory guidelines during the 4th quarter of the reporting period. The analytical results indicate BTEX constituent concentrations have been below regulatory guidelines for this annual sampling event and the previous 27 quarterly sampling events. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-7 is sampled on a semi-annual schedule and analytical results indicate BTEX constituent concentrations were below MDL and the NMOCD regulatory guidelines during the 2nd and 4th quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below regulatory guidelines for this semi-annual sampling event and the previous 25 quarterly sampling events. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-8 is monitored/sampled on a quarterly schedule. Monitor well MW-8 was not sampled during the 1st and 2nd quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 0.54 feet and 0.25 feet were reported during the 1st and 2nd quarters of 2013, respectively. Analytical results indicated benzene concentrations were 0.204 mg/L during the 4th quarter and 0.221 during the 3rd quarter of 2013. Benzene concentrations were above NMOCD regulatory guidelines during the 3rd and 4th quarters of the reporting period. Toluene, ethylbenzene, and xylene concentrations were 0.310 mg/L, 0.1490 mg/L, and 0.539 mg/L during the 3rd quarter, respectively, and 0.119 mg/L, 0.1580 mg/L, and 0.602 mg/L during the 4th quarter, respectively. Toluene, ethylbenzene, and xylene concentrations were below NMOCD regulatory guidelines. PAH analysis was not conducted during the 4th quarter sampling event due to the presence of PSH during the 1st and 2nd quarter of 2013.

Monitor well MW-9 is monitored on a quarterly schedule. Monitor well MW-9 was not sampled during the 1st, 2nd, 3rd and 4th quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 3.40 feet, 3.38 feet, 1.67 feet and 2.01 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2013, respectively. PAH analysis was not conducted during the 4th quarter sampling event due to the presence of PSH.

Monitor well MW-10 is monitored on a quarterly schedule. Monitor well MW-10 was not sampled during the 1st, 2nd, 3rd and 4th quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 0.41 feet, 2.72 feet, 0.01 feet, and 1.79 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2013, respectively. PAH analysis was not conducted during the 4th quarter sampling event due to the presence of PSH.

Monitor well MW-11 is monitored on a quarterly schedule. Monitor well MW-11 was not sampled during the 1st, 2nd, 3rd and 4th quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 1.22 feet, 0.16 feet, 0.23 feet and 1.49 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2013, respectively. PAH analysis was not conducted during the 4th quarter sampling event due to the presence of PSH.

Monitor well MW-12 is sampled on a quarterly schedule. Analytical results indicate benzene, toluene, and xylene concentrations were below MDL and the NMOCD regulatory guidelines during all four quarters of 2013. Ethylbenzene concentrations ranged from <0.00100 mg/L during the 1st, 3rd and 4th quarters to 0.0321 mg/L during the 2nd quarter of 2013. Xylene

concentrations were below the NMOCD regulatory guidelines during all four quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-13 is sampled on a quarterly schedule. Analytical results indicate benzene concentrations ranged from <0.00100 mg/L during the 1st and 2nd quarters to 0.0063 mg/L during the 4th quarter of 2013. Benzene concentrations were below the NMOCD regulatory guidelines during all four quarters of the reporting period. Toluene concentrations were below MDL and NMOCD regulatory guidelines during all four quarters of the reporting period. Ethylbenzene concentrations ranged from <0.00100 mg/L during the 1st quarter to 0.0234 mg/L during the 2nd quarter of 2013. Ethylbenzene concentrations were below NMOCD regulatory guidelines during all four quarters of the reporting period. Xylene concentrations ranged from <0.00100 mg/L during the 1st quarter to 0.01150 mg/L during the 3rd quarter of 2013. Xylene concentrations were below NMOCD regulatory guidelines all four quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-14 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below MDL and the NMOCD regulatory guidelines during all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below regulatory guidelines for the last 16 consecutive quarters. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-15 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below MDL and the NMOCD regulatory guidelines during all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below regulatory guidelines for the last fourteen (14) consecutive quarters. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-16 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.00100 mg/L during the 1st and 2nd quarter to 0.9310 mg/L during the 4th quarter. Benzene concentrations were below NMOCD regulatory guidelines during the 1st and 2nd quarters of the reporting period. Toluene, ethylbenzene, and xylene concentrations were below MDL and the NMOCD regulatory guidelines during the four quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-17 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below MDL and the NMOCD regulatory guidelines during the 4th quarter of the reporting period. The analytical results indicate BTEX constituent concentrations have been below regulatory guidelines for the last ten (10) consecutive quarters, prior to being placed on an annual sampling schedule. PAH analysis was not required during the 4th quarter sampling event.

Recovery well RW-1 is monitored on a quarterly schedule. Recovery well RW-1 was not sampled during the 1st, 2nd, 3rd and 4th quarters of the reporting period, due to the presence of PSH. PSH thicknesses of 2.85 feet, 1.60 feet, 5.06 feet and 4.29 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2013, respectively. PAH analysis was not conducted during the 4th quarter sampling event due to the presence of PSH.

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

SUMMARY

This report presents the results of monitoring activities for the 2013 annual monitoring period. Currently, there are 17 monitor wells and one recovery well (RW-1) on site. An automated recovery system was operational during all four quarters of the 2013. The most recent Groundwater Gradient Map, Figure 2D, indicates a general gradient to the northeast.

Seven monitor wells and one recovery well (MW-3 through MW-5, MW-8 through MW-11 and RW-1) contained measurable thicknesses of PSH during the reporting period. The average thickness of PSH in monitor and recovery wells exhibiting PSH during 2013 was 1.31 feet. Approximately 1,428.5 gallons (approximately 34.0 barrels) of PSH was recovered from the site during the 2013 reporting period. Approximately 5,059.0 gallons (approximately 120.5 barrels) of PSH have been recovered since the project inception.

Review of laboratory analytical results of the groundwater samples obtained during the 2013 monitoring period indicates the BTEX constituent concentrations are below applicable NMOCD guidelines in nine (9) of the seventeen monitor wells. Monitor wells MW-3, MW-5, MW-9 through MW-11 and recovery well RW-1 consistently exhibited measurable thicknesses of PSH during gauging events.

A Stage 1 and Stage 2 Abatement Plan was submitted to the NMOCD in October 2006. The NMOCD has accepted the Abatement Plan as administratively complete and approved the public notice on October 25, 2011.

ANTICIPATED ACTIONS

Plains submitted a document to the NMOCD indicating that BTEX concentrations for monitor well MW-12 are below the regulatory guidelines set by the NMOCD. Therefore, a new well placed down gradient of monitor well MW-12 is not warranted at this time. Response from the NMOCD is pending.

Based on benzene concentrations during the 3rd and 4th quarters of 2013, Plains proposes to install two (2) additional monitor wells down gradient of monitor well MW-16.

Groundwater monitoring and groundwater sampling will continue in 2014. The onsite automated recovery system will continue to operate and may be modified, as conditions require. An Annual Monitoring Report will be submitted to the NMOCD before April 1, 2015.

Based on the results of the PAH analysis over the past several years, further PAH analysis will be conducted on the monitor/recovery wells which currently exhibit PSH thicknesses, as the PSH plume decreases, these wells will be sampled as necessary.

LIMITATIONS

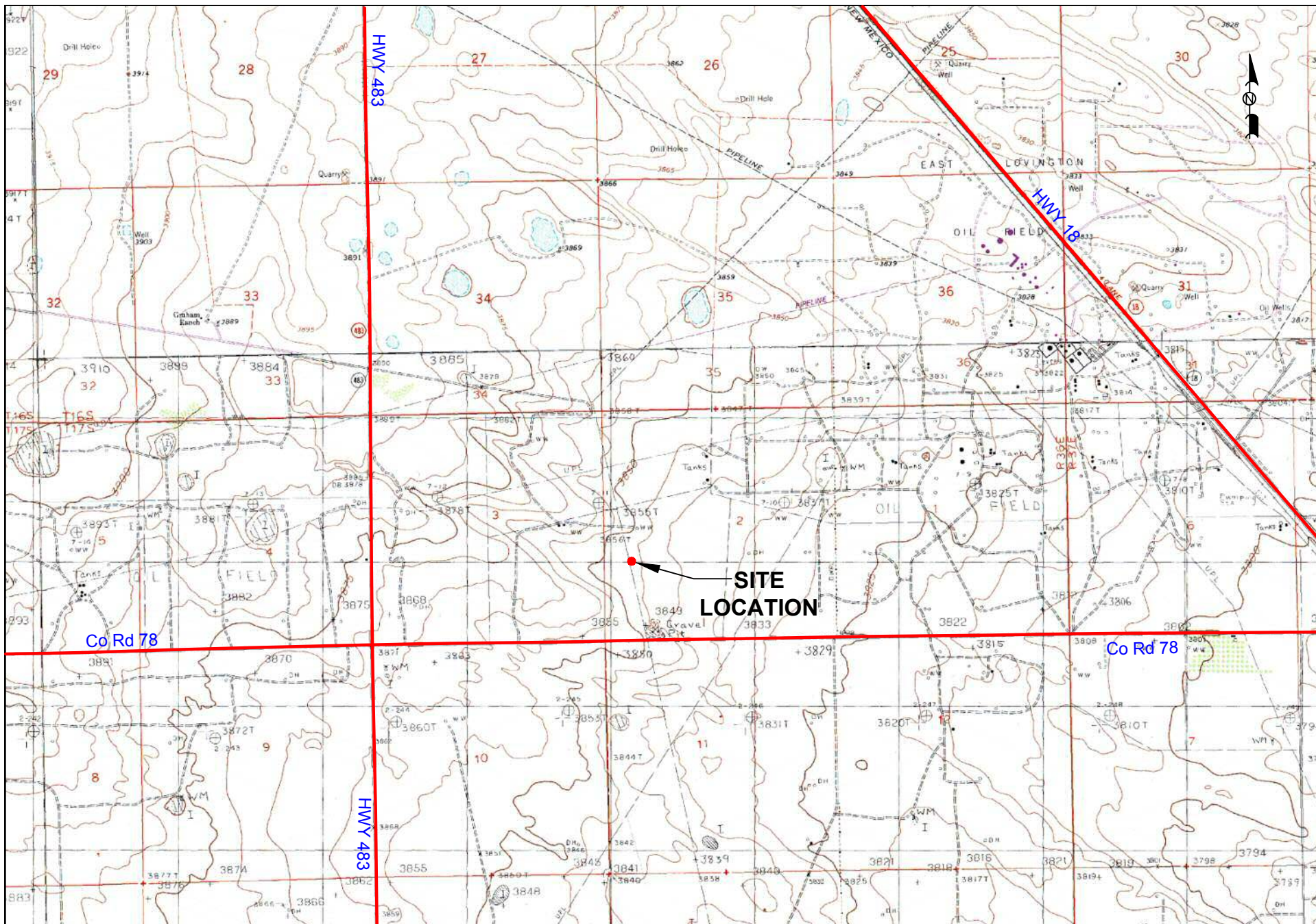
NOVA has prepared this Annual Monitoring Report to the best of its ability. No other warranty, expressed or implied, is made or intended.

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

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

DISTRIBUTION

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Legend:

Mapped edited and Published by the Geological Survey
Control by USGS & USC & GS
Map Re-edited by Nova Safety and Environmental for the
purpose of Site Location Maps.
Fine red dashed lines indicate selected fence lines.
This map Complies with National Map Accuracy Standards

3000 1500 0 1500 3000

Distance in Feet

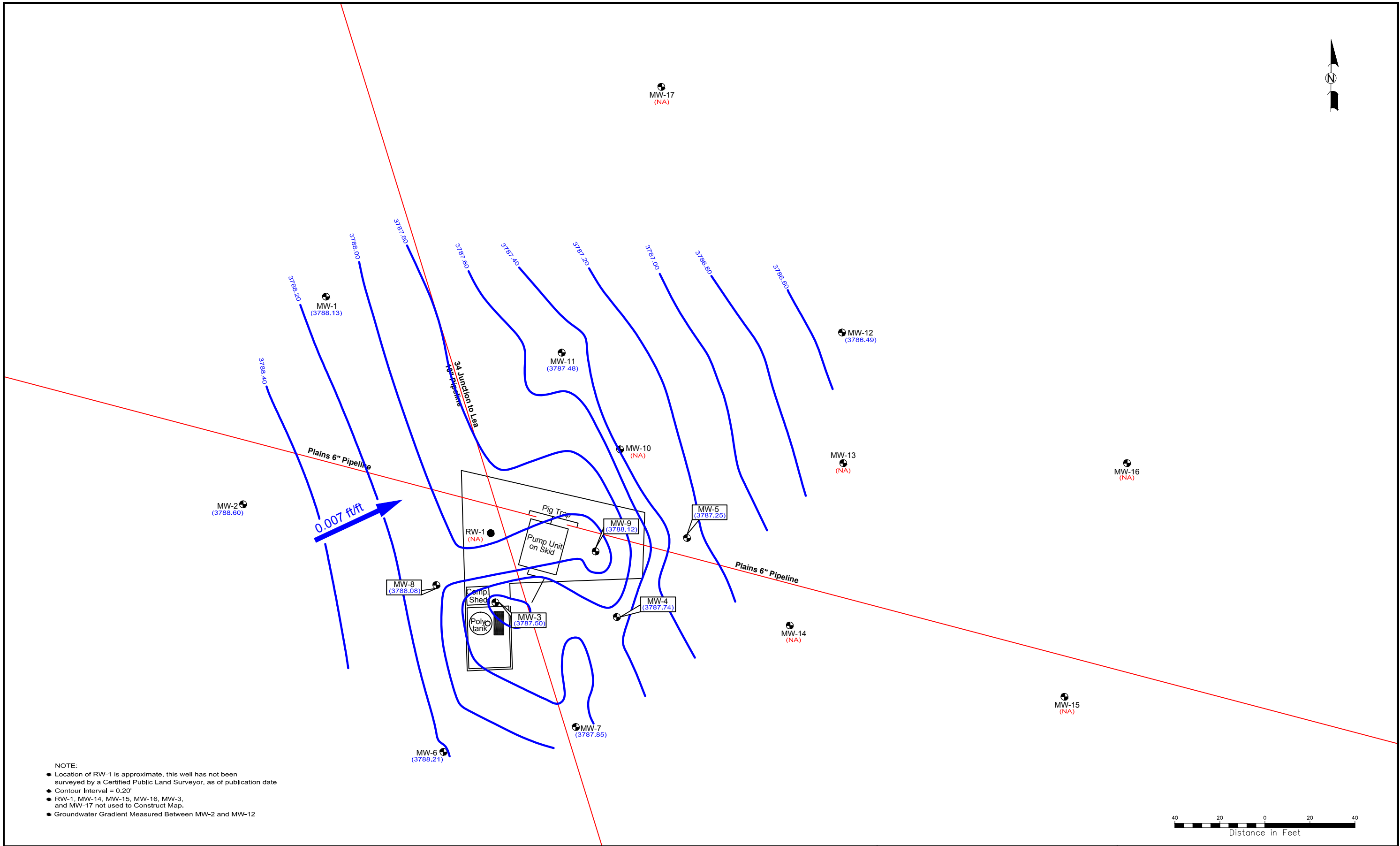
Figure 1
Site Location Map
34 Junction South Station
Plains Marketing, L.P.
Lea County, NM
NMOCD Reference #1R-0456



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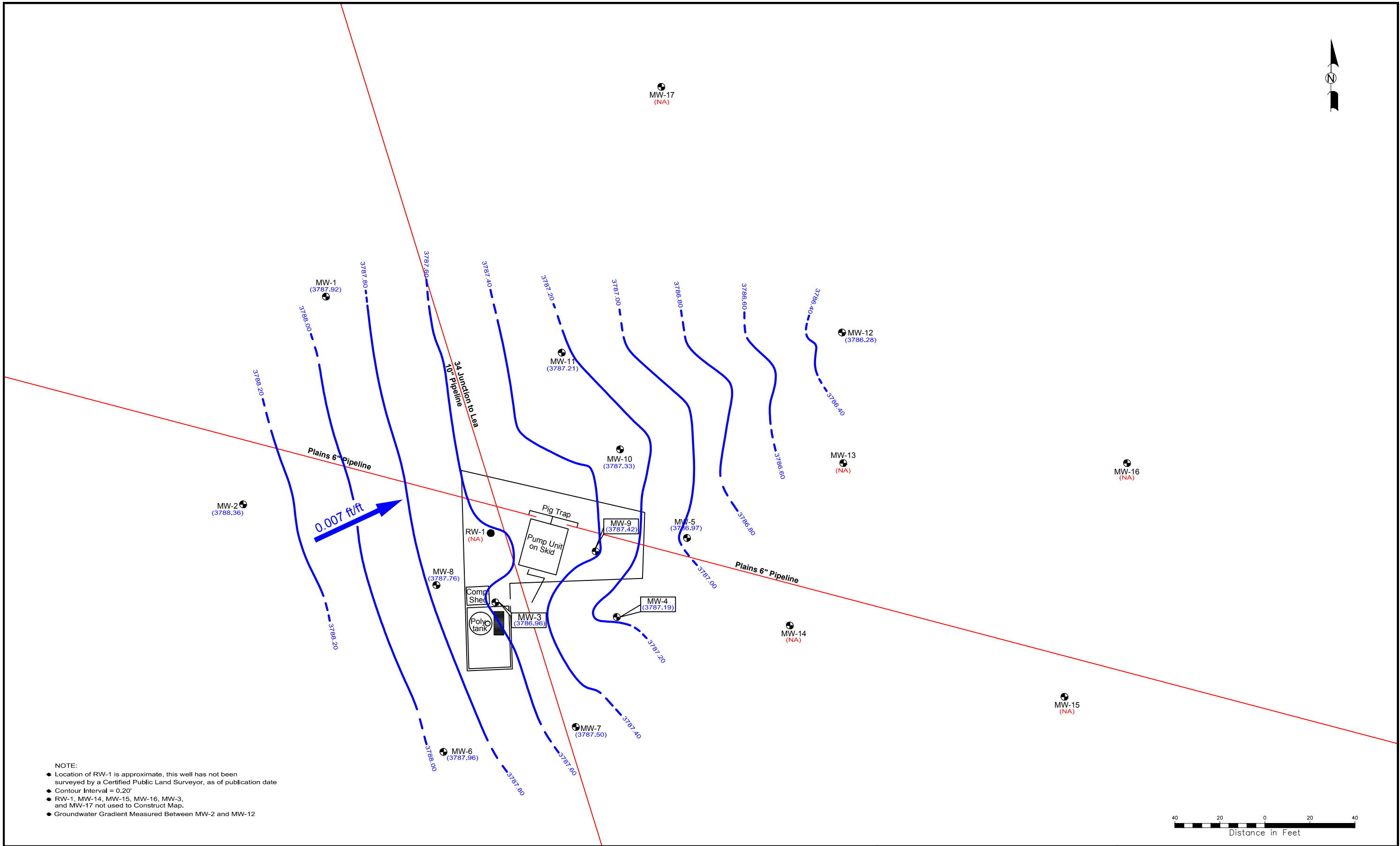
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NMOCD Reference No. 1R-0456

Figure 2A
Inferred Groundwater Gradient Map
(2/11/2013)
Plains Marketing, L.P.
34 Junction South Station
Lea County, NM

 safety and environmental				2057 Commerce Drive Midland, Texas 79703 432.520.7720	
www.novasafetyandenvironmental.com					
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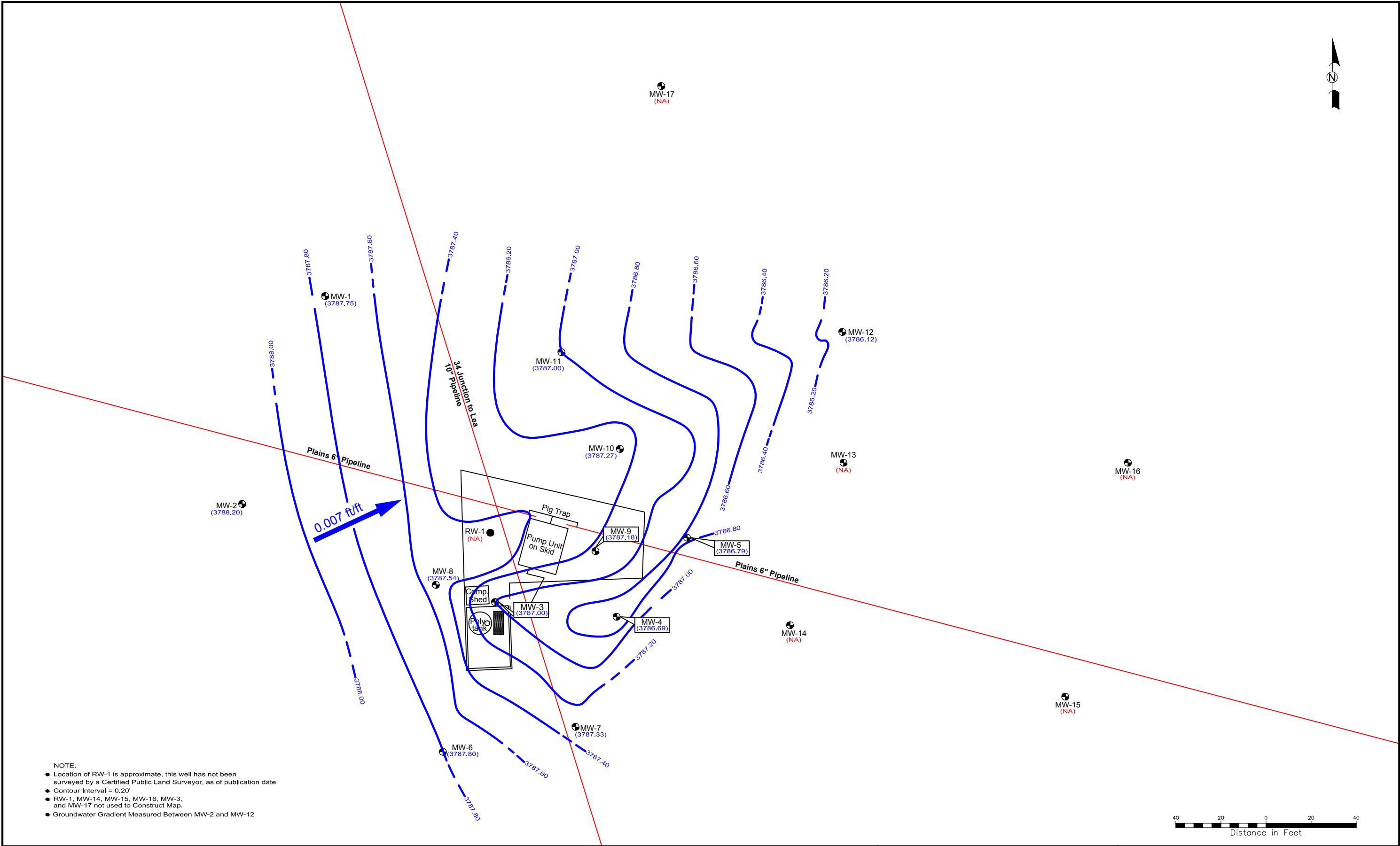
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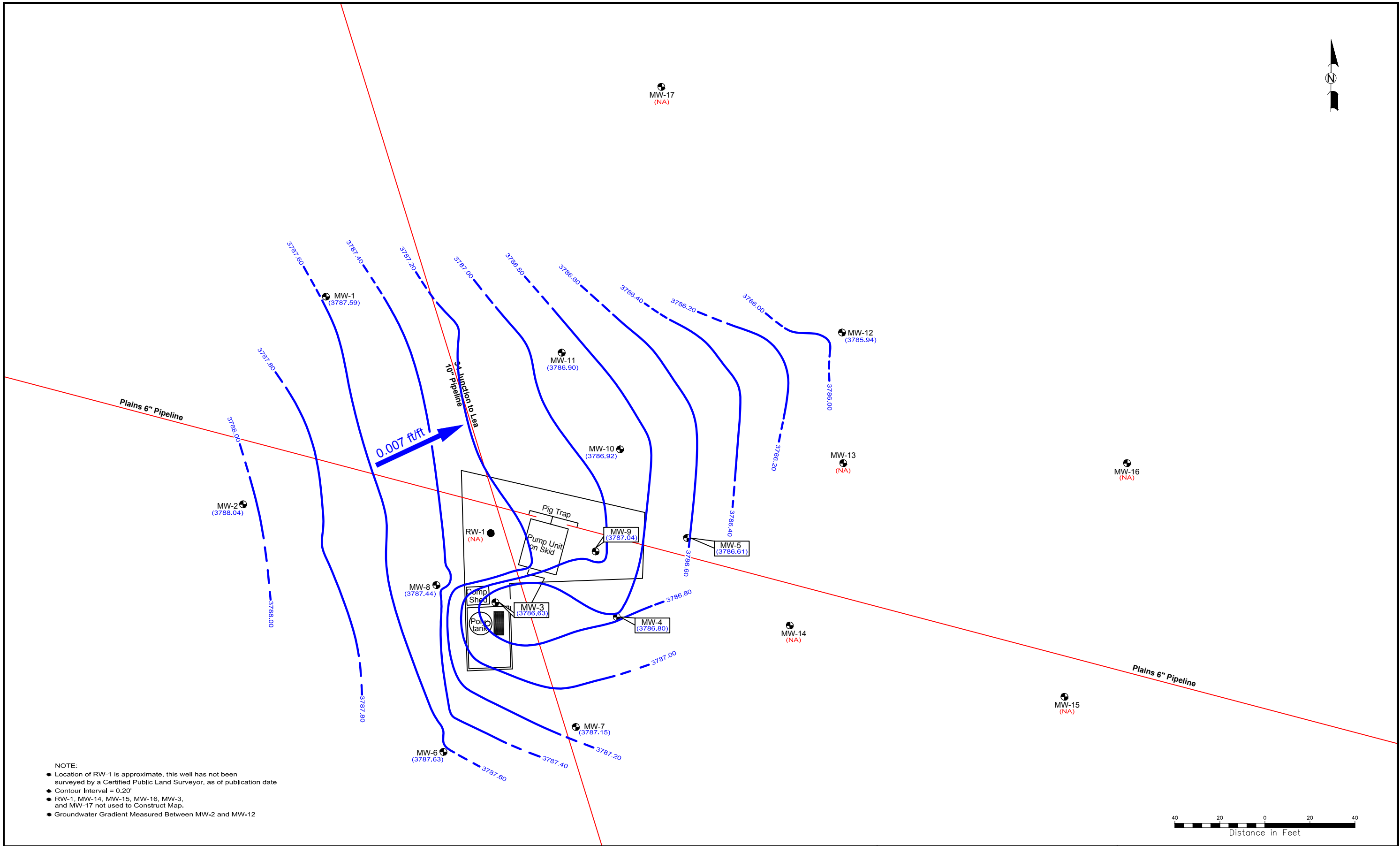
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(5/13/2013)
Plains Marketing, L.P.
34 Junction South Station
Lea County, NM

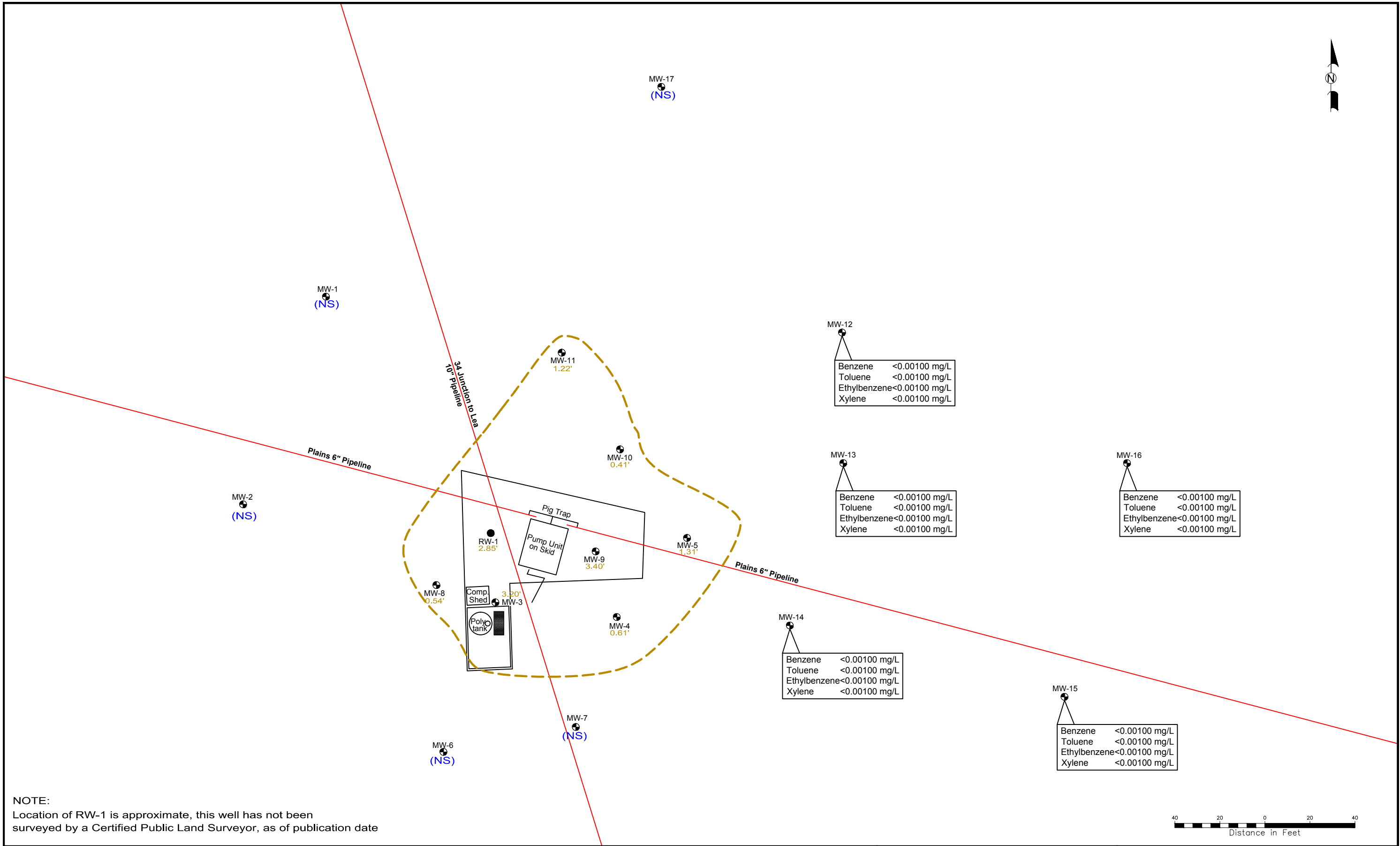


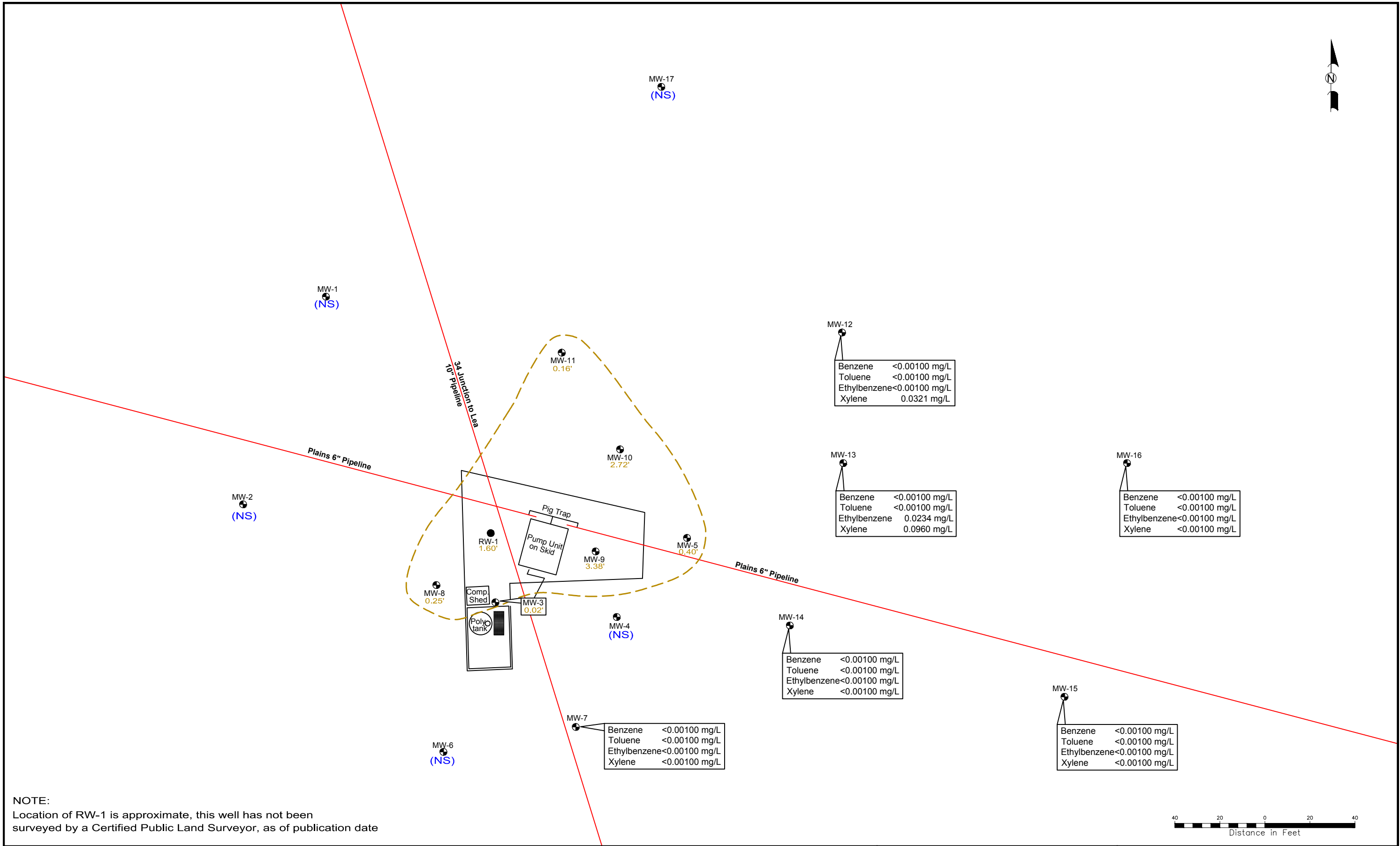
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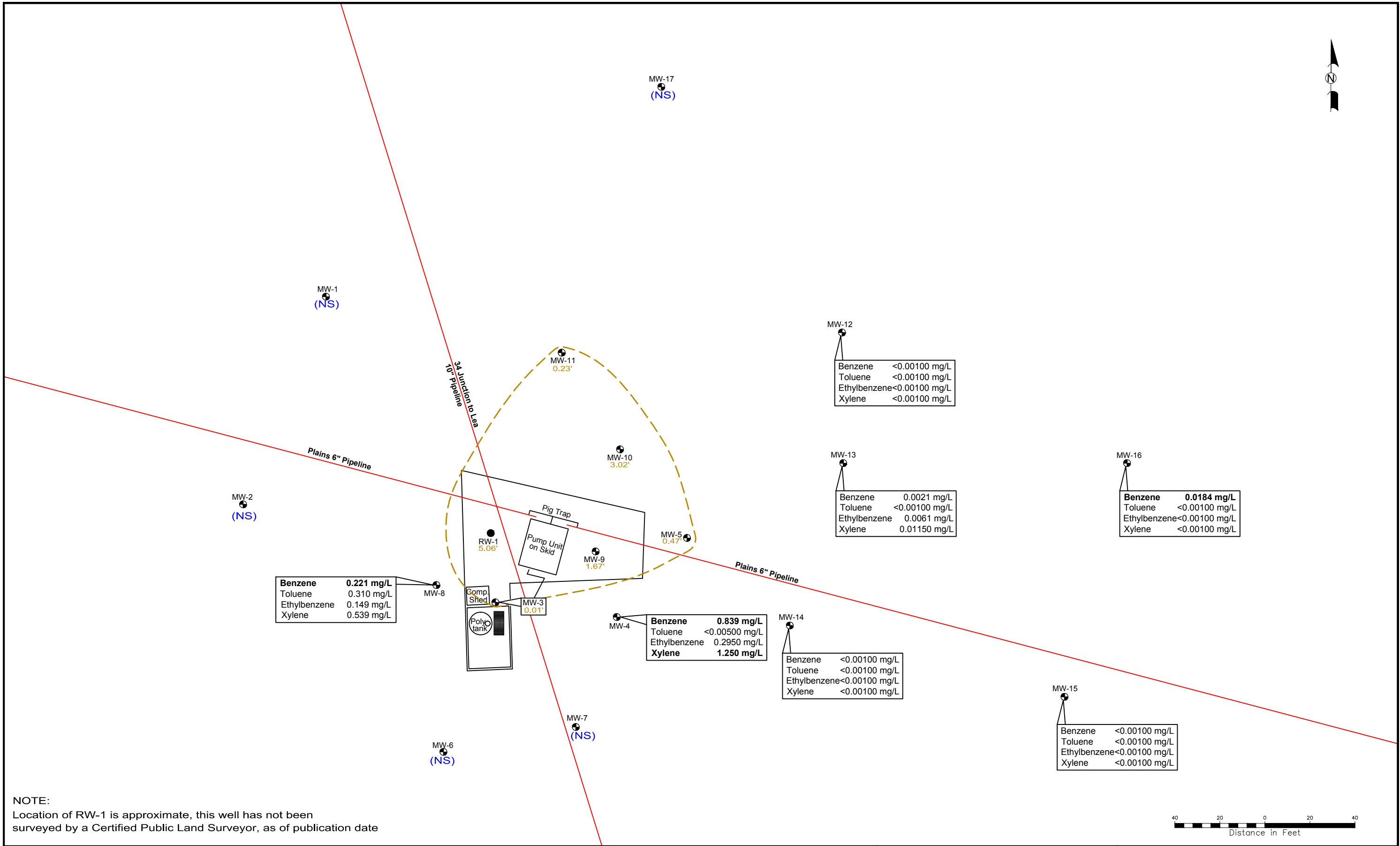
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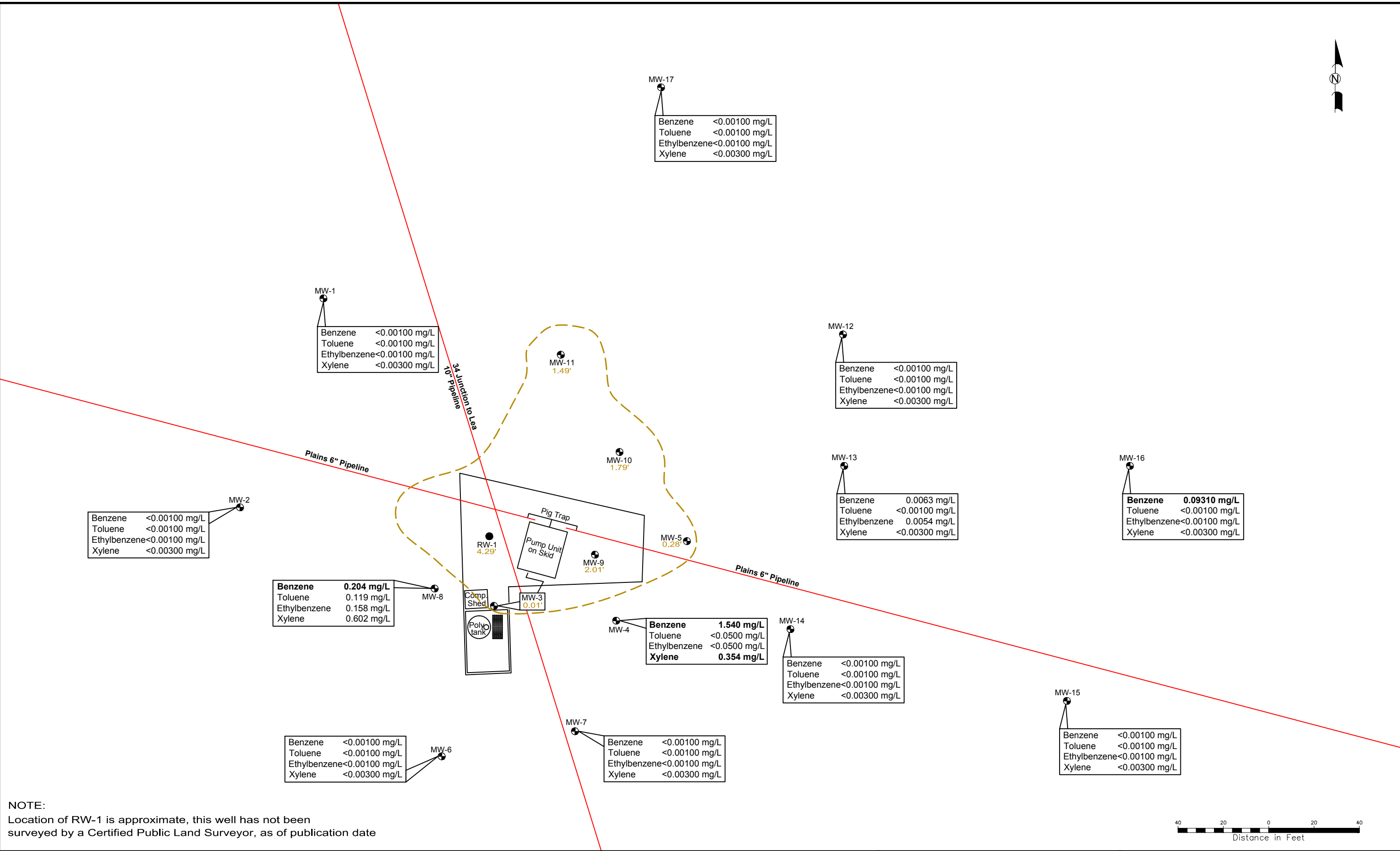


TABLE 1

GROUNDWATER ELEVATION DATA - 2013

PLAINS MARKETING, L.P.
 34 JUNCTION SOUTH STATION
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NO. 1R-0456

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 1	02/11/13	3,850.68	-	62.55	0.00	3,788.13
MW - 1	03/28/13	3,850.68	-	62.67	0.00	3,788.01
MW - 1	04/10/13	3,850.68	-	62.70	0.00	3,787.98
MW - 1	05/13/13	3,850.68	-	62.76	0.00	3,787.92
MW - 1	05/24/13	3,850.68	-	62.76	0.00	3,787.92
MW - 1	06/26/13	3,850.68	-	62.82	0.00	3,787.86
MW - 1	07/31/13	3,850.68	-	62.80	0.00	3,787.88
MW - 1	08/14/13	3,850.68	-	62.93	0.00	3,787.75
MW - 1	09/30/13	3,850.68	-	62.98	0.00	3,787.70
MW - 1	11/18/13	3,850.68	-	63.09	0.00	3,787.59
MW - 2	02/11/13	3,850.67	-	62.07	0.00	3,788.60
MW - 2	03/28/13	3,850.67	-	62.21	0.00	3,788.46
MW - 2	04/10/13	3,850.67	-	62.23	0.00	3,788.44
MW - 2	05/13/13	3,850.67	-	62.31	0.00	3,788.36
MW - 2	05/24/13	3,850.67	-	62.29	0.00	3,788.38
MW - 2	06/26/13	3,850.67	-	62.36	0.00	3,788.31
MW - 2	07/31/13	3,850.67	-	62.33	0.00	3,788.34
MW - 2	08/14/13	3,850.67	-	62.47	0.00	3,788.20
MW - 2	09/30/13	3,850.67	-	62.52	0.00	3,788.15
MW - 2	11/18/13	3,850.67	-	62.63	0.00	3,788.04
MW - 3	02/11/13	3,850.43	62.45	65.65	3.20	3,787.50
MW - 3	03/28/13	3,850.43	63.39	63.40	0.01	3,787.04
MW - 3	04/10/13	3,850.43	63.42	63.43	0.01	3,787.01
MW - 3	05/13/13	3,850.43	63.47	63.49	0.02	3,786.96
MW - 3	05/24/13	3,850.43	63.48	63.50	0.02	3,786.95
MW - 3	06/26/13	3,850.43	63.53	63.54	0.01	3,786.90
MW - 3	07/02/13	3,850.43	64.15	64.17	0.02	3,786.28
MW - 3	07/31/13	3,850.43	62.37	68.06	5.69	3,787.21
MW - 3	08/14/13	3,850.43	62.39	69.30	6.91	3,787.00
MW - 3	08/21/13	3,850.43	62.44	69.49	7.05	3,786.93
MW - 3	08/21/13	3,850.43	66.65	67.88	1.23	3,783.60
MW - 3	08/26/13	3,850.43	63.05	66.89	3.84	3,786.80
MW - 3	08/30/13	3,850.43	62.92	66.93	4.01	3,786.91
MW - 3	09/06/13	3,850.43	62.50	68.28	5.78	3,787.06
MW - 3	09/13/13	3,850.43	63.28	65.90	2.62	3,786.76
MW - 3	09/30/13	3,850.43	63.74	63.75	0.01	3,786.69
MW - 3	11/18/13	3,850.43	63.80	63.81	0.01	3,786.63
MW - 4	02/11/13	3,850.26	62.43	63.04	0.61	3,787.74
MW - 4	03/28/13	3,850.26	62.45	62.46	0.01	3,787.81
MW - 4	04/10/13	3,850.26	-	62.96	0.00	3,787.30
MW - 4	05/13/13	3,850.26	-	63.07	0.00	3,787.19
MW - 4	05/24/13	3,850.26	63.11	63.54	0.43	3,787.09

TABLE 1

GROUNDWATER ELEVATION DATA - 2013

PLAINS MARKETING, L.P.
 34 JUNCTION SOUTH STATION
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NO. 1R-0456

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	06/26/13	3,850.26	-	64.10	0.00	3,786.16
MW - 4	07/02/13	3,850.26	64.41	64.43	0.02	3,785.85
MW - 4	07/11/13	3,850.26	-	64.34	0.00	3,785.92
MW - 4	07/31/13	3,850.26	63.07	63.18	0.11	3,787.17
MW - 4	08/14/13	3,850.26	-	63.57	0.00	3,786.69
MW - 4	09/30/13	3,850.26	-	63.68	0.00	3,786.58
MW - 4	11/18/13	3,850.26	-	63.46	0.00	3,786.80
MW - 5	02/11/13	3,849.77	62.32	63.63	1.31	3,787.25
MW - 5	03/28/13	3,849.77	62.23	64.88	2.65	3,787.14
MW - 5	04/05/13	3,849.77	62.34	64.74	2.40	3,787.07
MW - 5	04/10/13	3,849.77	62.34	64.73	2.39	3,787.07
MW - 5	04/15/13	3,849.77	62.68	63.20	0.52	3,787.01
MW - 5	04/22/13	3,849.77	62.73	63.18	0.45	3,786.97
MW - 5	04/29/13	3,849.77	62.74	63.12	0.38	3,786.97
MW - 5	05/03/13	3,849.77	62.77	63.12	0.35	3,786.95
MW - 5	05/09/13	3,849.77	62.76	63.09	0.33	3,786.96
MW - 5	05/13/13	3,849.77	62.74	63.14	0.40	3,786.97
MW - 5	05/17/13	3,849.77	62.74	63.24	0.50	3,786.96
MW - 5	05/20/13	3,849.77	62.75	63.06	0.31	3,786.97
MW - 5	05/24/13	3,849.77	62.77	62.98	0.21	3,786.97
MW - 5	05/29/13	3,849.77	62.80	63.05	0.25	3,786.93
MW - 5	05/31/13	3,849.77	62.81	62.99	0.18	3,786.93
MW - 5	06/05/13	3,849.77	62.82	63.05	0.23	3,786.92
MW - 5	06/07/13	3,849.77	62.84	62.99	0.15	3,786.91
MW - 5	06/12/13	3,849.77	62.79	62.98	0.19	3,786.95
MW - 5	06/14/13	3,849.77	62.84	62.97	0.13	3,786.91
MW - 5	06/21/13	3,849.77	62.82	63.17	0.35	3,786.90
MW - 5	06/25/13	3,849.77	62.88	63.14	0.26	3,786.85
MW - 5	06/26/13	3,849.77	62.87	63.04	0.17	3,786.87
MW - 5	07/03/13	3,849.77	62.89	63.17	0.28	3,786.84
MW - 5	07/11/13	3,849.77	62.89	63.25	0.36	3,786.83
MW - 5	07/24/13	3,849.77	62.78	63.20	0.42	3,786.93
MW - 5	07/26/13	3,849.77	62.81	63.07	0.26	3,786.92
MW - 5	07/31/13	3,849.77	62.78	63.12	0.34	3,786.94
MW - 5	08/02/13	3,849.77	62.79	63.03	0.24	3,786.94
MW - 5	08/14/13	3,849.77	62.91	63.38	0.47	3,786.79
MW - 5	08/21/13	3,849.77	62.98	63.36	0.38	3,786.73
MW - 5	08/26/13	3,849.77	63.00	63.36	0.36	3,786.72
MW - 5	08/30/13	3,849.77	62.98	63.24	0.26	3,786.75
MW - 5	09/06/13	3,849.77	62.93	63.19	0.26	3,786.80
MW - 5	09/13/13	3,849.77	63.00	63.18	0.18	3,786.74
MW - 5	09/27/13	3,849.77	63.02	63.40	0.38	3,786.69
MW - 5	09/30/13	3,849.77	63.04	63.24	0.20	3,786.70
MW - 5	10/02/13	3,849.77	63.10	63.29	0.19	3,786.64

TABLE 1

GROUNDWATER ELEVATION DATA - 2013

PLAINS MARKETING, L.P.
 34 JUNCTION SOUTH STATION
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NO. 1R-0456

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	10/03/13	3,849.77	63.11	63.21	0.10	3,786.65
MW - 5	10/11/13	3,849.77	63.10	63.34	0.24	3,786.63
MW - 5	10/17/13	3,849.77	63.09	63.33	0.24	3,786.64
MW - 5	10/23/13	3,849.77	63.10	63.41	0.31	3,786.62
MW - 5	10/25/13	3,849.77	63.15	63.35	0.20	3,786.59
MW - 5	10/30/13	3,849.77	63.16	63.40	0.24	3,786.57
MW - 5	11/01/13	3,849.77	63.10	63.27	0.17	3,786.64
MW - 5	11/04/13	3,849.77	63.10	63.33	0.23	3,786.64
MW - 5	11/08/13	3,849.77	63.13	63.35	0.22	3,786.61
MW - 5	11/13/13	3,849.77	63.07	63.37	0.30	3,786.66
MW - 5	11/15/13	3,849.77	63.11	63.47	0.36	3,786.61
MW - 5	11/18/13	3,849.77	63.12	63.40	0.28	3,786.61
MW - 5	12/12/13	3,849.77	62.95	63.73	0.78	3,786.70
MW - 5	12/16/13	3,849.77	62.99	63.56	0.57	3,786.69
MW - 5	12/18/13	3,849.77	63.04	63.38	0.34	3,786.68
MW - 5	12/23/13	3,849.77	63.07	63.39	0.32	3,786.65
MW - 6	02/11/13	3,851.10	-	62.89	0.00	3,788.21
MW - 6	03/28/13	3,851.10	-	63.05	0.00	3,788.05
MW - 6	04/10/13	3,851.10	-	63.07	0.00	3,788.03
MW - 6	05/13/13	3,851.10	-	63.14	0.00	3,787.96
MW - 6	06/26/13	3,851.10	-	63.19	0.00	3,787.91
MW - 6	07/31/13	3,851.10	-	63.14	0.00	3,787.96
MW - 6	08/14/13	3,851.10	-	63.30	0.00	3,787.80
MW - 6	09/30/13	3,851.10	-	63.36	0.00	3,787.74
MW - 6	11/18/13	3,851.10	-	63.47	0.00	3,787.63
MW - 7	02/11/13	3,847.03	-	59.18	0.00	3,787.85
MW - 7	03/28/13	3,847.03	-	59.43	0.00	3,787.60
MW - 7	04/10/13	3,847.03	-	59.52	0.00	3,787.51
MW - 7	05/13/13	3,847.03	-	59.53	0.00	3,787.50
MW - 7	05/24/13	3,847.03	-	59.53	0.00	3,787.50
MW - 7	06/26/13	3,847.03	-	59.64	0.00	3,787.39
MW - 7	07/31/13	3,847.03	-	59.52	0.00	3,787.51
MW - 7	08/14/13	3,847.03	-	59.70	0.00	3,787.33
MW - 7	09/30/13	3,847.03	-	59.77	0.00	3,787.26
MW - 7	11/18/13	3,847.03	-	59.88	0.00	3,787.15
MW - 8	02/11/13	3,851.00	62.84	63.38	0.54	3,788.08
MW - 8	03/28/13	3,851.00	63.05	63.66	0.61	3,787.86
MW - 8	04/10/13	3,851.00	63.10	63.59	0.49	3,787.83
MW - 8	05/13/13	3,851.00	63.20	63.45	0.25	3,787.76
MW - 8	05/24/13	3,851.00	63.16	63.53	0.37	3,787.78
MW - 8	06/26/13	3,851.00	63.25	63.64	0.39	3,787.69
MW - 8	07/11/13	3,851.00	63.91	64.28	0.37	3,787.03

TABLE 1

GROUNDWATER ELEVATION DATA - 2013

PLAINS MARKETING, L.P.
 34 JUNCTION SOUTH STATION
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NO. 1R-0456

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 8	07/31/13	3,851.00	63.19	63.28	0.09	3,787.80
MW - 8	08/14/13	3,851.00	-	63.46	0.00	3,787.54
MW - 8	09/30/13	3,851.00	-	63.47	0.00	3,787.53
MW - 8	11/18/13	3,851.00	-	63.56	0.00	3,787.44
MW - 9	02/11/13	3,851.04	62.41	65.81	3.40	3,788.12
MW - 9	03/28/13	3,851.04	63.35	64.89	1.54	3,787.46
MW - 9	05/13/13	3,851.04	63.11	66.49	3.38	3,787.42
MW - 9	05/24/13	3,851.04	63.11	66.43	3.32	3,787.43
MW - 9	06/26/13	3,851.04	63.21	66.46	3.25	3,787.34
MW - 9	07/11/13	3,851.04	63.25	66.72	3.47	3,787.27
MW - 9	07/31/13	3,851.04	62.81	67.67	4.86	3,787.50
MW - 9	08/14/13	3,851.04	63.61	65.28	1.67	3,787.18
MW - 9	09/30/13	3,851.04	63.33	66.81	3.48	3,787.19
MW - 9	11/18/13	3,851.04	63.70	65.71	2.01	3,787.04
MW - 10	02/11/13	3,851.07	62.62	63.03	0.41	3,788.39
MW - 10	03/28/13	3,851.07	63.26	65.91	2.65	3,787.41
MW - 10	05/13/13	3,851.07	63.33	66.05	2.72	3,787.33
MW - 10	05/24/13	3,851.07	63.09	67.21	4.12	3,787.36
MW - 10	06/26/13	3,851.07	63.47	65.95	2.48	3,787.23
MW - 10	07/02/13	3,851.07	63.42	64.05	0.63	3,787.56
MW - 10	07/11/13	3,851.07	63.52	66.16	2.64	3,787.15
MW - 10	07/31/13	3,851.07	63.34	66.23	2.89	3,787.30
MW - 10	08/14/13	3,851.07	63.80	63.81	0.01	3,787.27
MW - 10	09/30/13	3,851.07	63.53	66.55	3.02	3,787.09
MW - 10	11/18/13	3,851.07	63.88	65.67	1.79	3,786.92
MW - 11	02/11/13	3,850.96	63.30	64.52	1.22	3,787.48
MW - 11	03/28/13	3,850.96	63.44	64.80	1.36	3,787.32
MW - 11	04/10/13	3,850.96	63.71	63.82	0.11	3,787.23
MW - 11	05/13/13	3,850.96	63.73	63.89	0.16	3,787.21
MW - 11	05/24/13	3,850.96	63.44	65.25	1.81	3,787.25
MW - 11	06/26/13	3,850.96	63.81	63.96	0.15	3,787.13
MW - 11	07/02/13	3,850.96	63.82	64.15	0.33	3,787.09
MW - 11	07/11/13	3,850.96	63.90	63.95	0.05	3,787.05
MW - 11	07/31/13	3,850.96	63.58	64.82	1.24	3,787.19
MW - 11	08/14/13	3,850.96	63.93	64.16	0.23	3,787.00
MW - 11	09/30/13	3,850.96	63.46	66.41	2.95	3,787.06
MW - 11	11/18/13	3,850.96	63.84	65.33	1.49	3,786.90
MW - 12	02/11/13	3,850.45	-	63.96	0.00	3,786.49
MW - 12	03/28/13	3,850.45	-	64.08	0.00	3,786.37
MW - 12	04/05/13	3,850.45	-	64.14	0.00	3,786.31
MW - 12	04/10/13	3,850.45	-	64.10	0.00	3,786.35

TABLE 1

GROUNDWATER ELEVATION DATA - 2013

PLAINS MARKETING, L.P.
 34 JUNCTION SOUTH STATION
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NO. 1R-0456

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 12	04/15/13	3,850.45	-	64.15	0.00	3,786.30
MW - 12	04/22/13	3,850.45	-	64.18	0.00	3,786.27
MW - 12	04/29/13	3,850.45	-	64.17	0.00	3,786.28
MW - 12	05/03/13	3,850.45	-	64.18	0.00	3,786.27
MW - 12	05/09/13	3,850.45	-	64.19	0.00	3,786.26
MW - 12	05/13/13	3,850.45	-	64.17	0.00	3,786.28
MW - 12	05/17/13	3,850.45	-	64.21	0.00	3,786.24
MW - 12	05/20/13	3,850.45	-	64.20	0.00	3,786.25
MW - 12	05/24/13	3,850.45	-	64.18	0.00	3,786.27
MW - 12	05/29/13	3,850.45	-	64.21	0.00	3,786.24
MW - 12	05/31/13	3,850.45	-	64.23	0.00	3,786.22
MW - 12	06/05/13	3,850.45	-	64.24	0.00	3,786.21
MW - 12	06/07/13	3,850.45	-	64.26	0.00	3,786.19
MW - 12	06/12/13	3,850.45	-	64.20	0.00	3,786.25
MW - 12	06/14/13	3,850.45	-	64.25	0.00	3,786.20
MW - 12	06/21/13	3,850.45	-	64.26	0.00	3,786.19
MW - 12	06/25/13	3,850.45	-	64.30	0.00	3,786.15
MW - 12	06/26/13	3,850.45	-	64.23	0.00	3,786.22
MW - 12	07/03/13	3,850.45	-	64.30	0.00	3,786.15
MW - 12	07/11/13	3,850.45	-	64.32	0.00	3,786.13
MW - 12	07/24/13	3,850.45	-	64.28	0.00	3,786.17
MW - 12	07/26/13	3,850.45	-	64.28	0.00	3,786.17
MW - 12	07/31/13	3,850.45	-	64.23	0.00	3,786.22
MW - 12	08/02/13	3,850.45	-	64.27	0.00	3,786.18
MW - 12	08/14/13	3,850.45	-	64.33	0.00	3,786.12
MW - 12	08/21/13	3,850.45	-	64.39	0.00	3,786.06
MW - 12	08/26/13	3,850.45	-	64.40	0.00	3,786.05
MW - 12	08/30/13	3,850.45	-	64.42	0.00	3,786.03
MW - 12	09/06/13	3,850.45	-	64.38	0.00	3,786.07
MW - 12	09/13/13	3,850.45	-	64.41	0.00	3,786.04
MW - 12	09/27/13	3,850.45	-	64.45	0.00	3,786.00
MW - 12	09/30/13	3,850.45	-	64.40	0.00	3,786.05
MW - 12	10/02/13	3,850.45	-	64.43	0.00	3,786.02
MW - 12	10/03/13	3,850.45	-	64.45	0.00	3,786.00
MW - 12	10/11/13	3,850.45	-	64.49	0.00	3,785.96
MW - 12	10/17/13	3,850.45	-	64.47	0.00	3,785.98
MW - 12	10/23/13	3,850.45	-	64.50	0.00	3,785.95
MW - 12	10/25/13	3,850.45	-	64.53	0.00	3,785.92
MW - 12	10/30/13	3,850.45	-	64.55	0.00	3,785.90
MW - 12	11/01/13	3,850.45	-	64.49	0.00	3,785.96
MW - 12	11/04/13	3,850.45	-	64.51	0.00	3,785.94
MW - 12	11/08/13	3,850.45	-	64.50	0.00	3,785.95
MW - 12	11/13/13	3,850.45	-	64.49	0.00	3,785.96
MW - 12	11/15/13	3,850.45	-	64.51	0.00	3,785.94
MW - 12	11/18/13	3,850.45	-	64.51	0.00	3,785.94

TABLE 1

GROUNDWATER ELEVATION DATA - 2013

PLAINS MARKETING, L.P.
 34 JUNCTION SOUTH STATION
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NO. 1R-0456

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 12	12/12/13	3,850.45	-	64.52	0.00	3,785.93
MW - 12	12/16/13	3,850.45	-	64.52	0.00	3,785.93
MW - 12	12/18/13	3,850.45	-	64.52	0.00	3,785.93
MW - 12	12/23/13	3,850.45	-	64.56	0.00	3,785.89
MW - 13	02/11/13	-	-	63.94	0.00	-
MW - 13	03/28/13	-	-	64.09	0.00	-
MW - 13	04/05/13	-	-	64.14	0.00	-
MW - 13	04/10/13	-	-	64.11	0.00	-
MW - 13	04/15/13	-	-	64.14	0.00	-
MW - 13	04/22/13	-	-	64.19	0.00	-
MW - 13	04/29/13	-	-	64.17	0.00	-
MW - 13	05/03/13	-	-	64.19	0.00	-
MW - 13	05/09/13	-	-	64.19	0.00	-
MW - 13	05/13/13	-	-	64.18	0.00	-
MW - 13	05/17/13	-	-	64.22	0.00	-
MW - 13	05/20/13	-	-	64.20	0.00	-
MW - 13	05/24/13	-	-	64.19	0.00	-
MW - 13	05/29/13	-	-	64.21	0.00	-
MW - 13	05/31/13	-	-	64.24	0.00	-
MW - 13	06/05/13	-	-	64.24	0.00	-
MW - 13	06/07/13	-	-	64.25	0.00	-
MW - 13	06/12/13	-	-	64.21	0.00	-
MW - 13	06/14/13	-	-	64.25	0.00	-
MW - 13	06/21/13	-	-	64.26	0.00	-
MW - 13	06/25/13	-	-	64.29	0.00	-
MW - 13	06/26/13	-	-	64.25	0.00	-
MW - 13	07/03/13	-	-	64.30	0.00	-
MW - 13	07/11/13	-	-	64.30	0.00	-
MW - 13	07/24/13	-	-	64.28	0.00	-
MW - 13	07/26/13	-	-	64.27	0.00	-
MW - 13	07/31/13	-	-	64.24	0.00	-
MW - 13	08/02/13	-	-	64.26	0.00	-
MW - 13	08/14/13	-	-	64.34	0.00	-
MW - 13	08/21/13	-	-	64.40	0.00	-
MW - 13	08/26/13	-	-	64.42	0.00	-
MW - 13	08/30/13	-	-	64.41	0.00	-
MW - 13	09/06/13	-	-	64.39	0.00	-
MW - 13	09/13/13	-	-	64.40	0.00	-
MW - 13	09/27/13	-	-	64.47	0.00	-
MW - 13	09/30/13	-	-	64.41	0.00	-
MW - 13	10/02/13	-	-	64.45	0.00	-
MW - 13	10/03/13	-	-	64.45	0.00	-
MW - 13	10/11/13	-	-	64.48	0.00	-
MW - 13	10/17/13	-	-	64.48	0.00	-

TABLE 1

GROUNDWATER ELEVATION DATA - 2013

PLAINS MARKETING, L.P.
 34 JUNCTION SOUTH STATION
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NO. 1R-0456

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 13	10/23/13	-	-	64.49	0.00	-
MW - 13	10/25/13	-	-	64.54	0.00	-
MW - 13	10/30/13	-	-	64.56	0.00	-
MW - 13	11/01/13	-	-	64.50	0.00	-
MW - 13	11/04/13	-	-	64.52	0.00	-
MW - 13	11/08/13	-	-	64.51	0.00	-
MW - 13	11/13/13	-	-	64.50	0.00	-
MW - 13	11/15/13	-	-	64.53	0.00	-
MW - 13	11/18/13	-	-	64.52	0.00	-
MW - 13	12/12/13	-	-	64.50	0.00	-
MW - 13	12/16/13	-	-	64.51	0.00	-
MW - 13	12/18/13	-	-	64.53	0.00	-
MW - 13	12/23/13	-	-	64.57	0.00	-
MW - 14	02/11/13	-	-	63.78	0.00	-
MW - 14	03/28/13	-	-	63.94	0.00	-
MW - 14	04/10/13	-	-	63.94	0.00	-
MW - 14	05/13/13	-	-	64.01	0.00	-
MW - 14	05/24/13	-	-	64.02	0.00	-
MW - 14	06/26/13	-	-	64.07	0.00	-
MW - 14	07/31/13	-	-	64.03	0.00	-
MW - 14	08/14/13	-	-	64.17	0.00	-
MW - 14	09/30/13	-	-	64.24	0.00	-
MW - 14	11/18/13	-	-	64.34	0.00	-
MW - 15	02/11/13	-	-	64.34	0.00	-
MW - 15	03/28/13	-	-	64.44	0.00	-
MW - 15	04/10/13	-	-	64.47	0.00	-
MW - 15	05/13/13	-	-	64.54	0.00	-
MW - 15	05/24/13	-	-	64.55	0.00	-
MW - 15	06/26/13	-	-	64.60	0.00	-
MW - 15	07/31/13	-	-	64.61	0.00	-
MW - 15	08/14/13	-	-	64.68	0.00	-
MW - 15	09/30/13	-	-	64.76	0.00	-
MW - 15	11/18/13	-	-	64.86	0.00	-
MW - 16	02/11/13	-	-	64.31	0.00	-
MW - 16	03/28/13	-	-	64.08	0.00	-
MW - 16	04/10/13	-	-	64.11	0.00	-
MW - 16	05/13/13	-	-	64.18	0.00	-
MW - 16	05/24/13	-	-	64.20	0.00	-
MW - 16	06/26/13	-	-	64.24	0.00	-
MW - 16	07/31/13	-	-	64.26	0.00	-
MW - 16	08/14/13	-	-	64.32	0.00	-
MW - 16	09/03/13	-	-	64.34	0.00	-

TABLE 1

GROUNDWATER ELEVATION DATA - 2013

PLAINS MARKETING, L.P.
 34 JUNCTION SOUTH STATION
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NO. 1R-0456

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 16	09/30/13	-	-	64.40	0.00	-
MW - 16	11/18/13	-	-	64.51	0.00	-
MW - 17	02/11/13	-	-	63.77	0.00	-
MW - 17	03/28/13	-	-	63.86	0.00	-
MW - 17	04/10/13	-	-	63.89	0.00	-
MW - 17	05/13/13	-	-	63.96	0.00	-
MW - 17	05/24/13	-	-	63.96	0.00	-
MW - 17	06/26/13	-	-	64.03	0.00	-
MW - 17	07/31/13	-	-	64.02	0.00	-
MW - 17	09/30/13	-	-	64.19	0.00	-
MW - 17	11/18/13	-	-	64.29	0.00	-
RW - 1	02/11/13	-	61.09	63.94	2.85	-
RW - 1	03/28/13	-	62.63	63.41	0.78	-
RW - 1	05/13/13	-	62.37	63.97	1.60	-
RW - 1	05/24/13	-	62.42	63.74	1.32	-
RW - 1	06/26/13	-	62.53	63.88	1.35	-
RW - 1	07/11/13	-	62.88	63.88	1.00	-
RW - 1	07/31/13	-	61.60	67.93	6.33	-
RW - 1	08/14/13	-	62.08	67.14	5.06	-
RW - 1	09/30/13	-	61.62	68.58	6.96	-
RW - 1	11/18/13	-	62.40	66.69	4.29	-

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER - 2013

PLAINS MARKETING, L.P.
 34 JUNCTION SOUTH STATION
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NO. 1R-0456

SAMPLE LOCATION	SAMPLE DATE	Methods: EPA SW 846-8021, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY LIMIT		0.01	0.75	0.75	0.62	
MW - 1	02/11/13	Not Sampled on Current Sample Schedule				
MW - 1	05/13/13	Not Sampled on Current Sample Schedule				
MW - 1	08/14/13	Not Sampled on Current Sample Schedule				
MW - 1	11/18/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 2	02/11/13	Not Sampled on Current Sample Schedule				
MW - 2	05/13/13	Not Sampled on Current Sample Schedule				
MW - 2	08/14/13	Not Sampled on Current Sample Schedule				
MW - 2	11/18/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 3	02/11/13	Not sampled Due to PSH in Well				
MW - 3	05/13/13	Not sampled Due to PSH in Well				
MW - 3	08/14/13	Not sampled Due to PSH in Well				
MW - 3	11/12/12	Not sampled Due to PSH in Well				
MW - 4	02/11/13	Not sampled Due to PSH in Well				
MW - 4	06/27/13	0.176	<0.20000	<0.20000	0.127	
MW - 4	08/14/13	0.839	<0.00500	0.2950	1.250	
MW - 4	11/18/13	1.540	<0.05000	<0.05000	0.354	
MW - 5	02/11/13	Not sampled Due to PSH in Well				
MW - 5	05/13/13	Not sampled Due to PSH in Well				
MW - 5	08/14/13	Not sampled Due to PSH in Well				
MW - 5	11/12/12	Not sampled Due to PSH in Well				
MW - 6	02/11/13	Not Sampled on Current Sample Schedule				
MW - 6	05/13/13	Not Sampled on Current Sample Schedule				
MW - 6	08/14/13	Not Sampled on Current Sample Schedule				
MW - 6	11/18/13	<0.001	<0.001	<0.001	<0.00300	
MW - 7	02/11/13	Not Sampled on Current Sample Schedule				
MW - 7	05/13/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 7	08/14/13	Not Sampled on Current Sample Schedule				
MW - 7	11/18/13	<0.001	<0.00100	<0.00100	<0.00300	
MW - 8	02/11/13	Not sampled Due to PSH in Well				
MW - 8	05/13/13	Not sampled Due to PSH in Well				
MW - 8	08/14/13	0.221	0.310	0.1490	0.539	
MW - 8	11/18/13	0.204	0.119	0.1580	0.602	
MW - 9	02/11/13	Not sampled Due to PSH in Well				
MW - 9	05/13/13	Not sampled Due to PSH in Well				
MW - 9	08/14/13	Not sampled Due to PSH in Well				
MW - 9	11/12/12	Not sampled Due to PSH in Well				
MW - 10	02/11/13	Not sampled Due to PSH in Well				
MW - 10	05/13/13	Not sampled Due to PSH in Well				

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER - 2013

PLAINS MARKETING, L.P.
 34 JUNCTION SOUTH STATION
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NO. 1R-0456

SAMPLE LOCATION	SAMPLE DATE	Methods: EPA SW 846-8021, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY LIMIT		0.01	0.75	0.75	0.62	
MW - 10	08/14/13	Not sampled Due to PSH in Well				
MW - 10	11/12/12	Not sampled Due to PSH in Well				
MW - 11	02/11/13	Not sampled Due to PSH in Well				
MW - 11	05/13/13	Not sampled Due to PSH in Well				
MW - 11	08/14/13	Not sampled Due to PSH in Well				
MW - 11	11/12/12	Not sampled Due to PSH in Well				
MW - 12	02/11/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	05/13/13	<0.00100	<0.00100	0.0321	<0.00100	
MW - 12	08/14/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	11/18/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 13	02/11/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 13	05/13/13	<0.00100	<0.00100	0.0234	0.00960	
MW - 13	08/14/13	0.0021	<0.00100	0.0061	0.01150	
MW - 13	11/18/13	0.0063	<0.00100	0.0054	<0.00300	
MW - 14	02/11/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 14	05/13/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 14	08/14/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 14	11/18/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 15	02/11/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 15	05/13/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 15	08/14/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 15	11/18/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 16	02/11/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 16	05/13/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 16	08/14/13	0.1840	<0.00100	<0.00100	<0.00100	
MW - 16	11/18/13	0.9310	<0.00100	<0.00100	<0.00300	
MW - 17	02/11/13	Not Sampled on Current Sample Schedule				
MW - 17	05/13/13	Not Sampled on Current Sample Schedule				
MW - 17	08/14/13	Not Sampled on Current Sample Schedule				
MW - 17	11/18/13	<0.00100	<0.00100	<0.00100	<0.00300	
RW - 1	02/11/13	Not sampled Due to PSH in Well				
RW - 1	05/13/13	Not sampled Due to PSH in Well				
RW - 1	08/14/13	Not sampled Due to PSH in Well				
RW - 1	11/12/12	Not sampled Due to PSH in Well				

* Complete Historical Tables are provided on the attached CD.

TABLE 3

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOC REFERENCE NUMBER 1R-0456

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	11/11/08	<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	
	11/24/09	<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	
	11/19/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/12/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/18/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW - 2	11/11/08	<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	
	11/24/09	<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	
	11/19/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/12/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/18/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW - 3	11/11/08	Not sampled Due to Insufficient Water Volume																		
	11/24/09	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	0.149	<0.000926	0.163	<0.000926	0.613	1.36	1.82	0.0446	
	11/19/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled due to the presence of PSH.																		
	11/12/12	Not Sampled due to the presence of PSH.																		
	11/18/13	Not Sampled due to the presence of PSH.																		
MW - 4	11/11/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.0136	<0.000184	0.0149	<0.000184	0.0853	0.177	0.222	<0.000184	
	11/24/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.0111	<0.000184	0.0108	<0.000184	0.0497	0.0881	0.112	0.00327	
	11/19/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled due to the presence of PSH.																		
	11/12/12	Not Sampled due to the presence of PSH.																		
	11/18/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW - 5	11/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.000526	<0.000183	0.00042	<0.000183	0.00143	0.00401	0.0032	0.000337	
	11/24/09	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	<0.000188	
	11/19/10	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 3

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER 1R-0456

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	Dibenzo[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---	
	12/16/11	Not Sampled due to the presence of PSH.																		
	11/12/12	Not Sampled due to the presence of PSH.																		
	11/18/13	Not Sampled due to the presence of PSH.																		
MW - 6	11/11/08	<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	
	11/24/09	<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	
	11/19/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/12/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/18/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW - 7	11/11/08	<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	
	11/24/09	<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	
	11/19/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/12/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/18/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW - 8	11/11/08	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.0332	<0.000922	0.0301	<0.000922	0.124	0.270	0.334	<0.000922	
	11/24/09	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	0.0706	<0.000917	0.0768	<0.000917	0.273	0.637	0.824	<0.000917	
	11/19/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled due to the presence of PSH.																		
	11/12/12	Not Sampled due to the presence of PSH.																		
	11/18/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW - 9	11/11/08	Not sampled Due to Insufficient Water Volume																		
	11/24/09	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	0.0785	<0.00184	<0.00184	0.515	<0.00184	0.546	<0.00184	2.02	4.59	6.18	0.141
	11/19/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled due to the presence of PSH.																		
	11/12/12	Not Sampled due to the presence of PSH.																		

TABLE 3

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOC REFERENCE NUMBER 1R-0456

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		---
	11/18/13	Not Sampled due to the presence of PSH.																		
MW - 10	11/11/08	<0.000962	<0.000962	<0.000962	<0.000962	<0.000962	<0.000962	<0.000962	<0.000962	<0.000962	<0.000962	<0.000962	0.0618	<0.000962	0.0709	<0.000962	0.308	0.773	0.987	0.0194
	11/24/09	<0.000962	<0.000962	<0.000962	<0.000962	<0.000962	<0.000962	<0.000962	<0.000962	0.0294	<0.000962	<0.000962	0.193	<0.000962	0.200	<0.000962	0.815	1.91	2.51	0.0562
	11/19/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled due to the presence of PSH.																		
	11/12/12	Not Sampled due to the presence of PSH.																		
	11/18/13	Not Sampled due to the presence of PSH.																		
MW - 11	11/11/08	<0.000192	<0.000192	<0.000192	<0.000192	<0.000192	<0.000192	<0.000192	<0.000192	<0.000192	<0.000192	<0.000192	<0.000192	<0.000192	<0.000192	<0.000192	<0.000192	<0.000192	<0.000192	<0.000192
	11/24/09	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	0.102	<0.000917	0.107	<0.000917	0.303	0.797	1.04	0.0276
	11/19/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled due to the presence of PSH.																		
	11/12/12	Not Sampled due to the presence of PSH.																		
	11/18/13	Not Sampled due to the presence of PSH.																		
MW - 12	11/11/08	<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
	11/24/09	<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
	11/19/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/12/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/18/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW - 13	11/11/08	<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
	11/24/09	<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	0.000713	<0.000184	0.0232	0.0163	0.0180	<0.000184
	11/19/10	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000569	<0.000184	0.000609	<0.000184	0.00669	0.00638	<0.000184	0.000356
	12/16/11	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000362	<0.000184	0.000397	<0.000184	0.000439	0.00197	<0.000184	0.000314
	11/12/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/18/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW - 14	11/11/08	<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
	11/24/09	<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
	11/19/10	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 3

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER 1R-0456

All water concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---
	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/12/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/18/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW - 15	05/21/10	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	0.000354	<0.000186	<0.000186	<0.000186
	11/19/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186
	11/12/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/18/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	05/21/10	<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	0.000236	<0.000184	<0.000184	<0.000184
	11/19/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	<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	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
	11/12/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/18/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-17	05/21/10	<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	0.000192	<0.000185	<0.000185	<0.000185
	11/19/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	<0.000194	<0.000194	<0.000194	<0.000194	<0.000194	<0.000194	<0.000194	<0.000194	<0.000194	<0.000194	<0.000194	<0.000194	<0.000194	<0.000194	<0.000194	<0.000194	<0.000194	<0.000194	<0.000194
	11/12/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/18/13	Not Sampled as part of Quarterly Monitoring Event.																		
RW - 1	11/11/08	Not sampled Due to Insufficient Water Volume																		
	11/24/09	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.0270	<0.000922	<0.000922	0.171	<0.000922	0.176	<0.000922	0.678	1.53	2.02	0.0485
	11/19/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled due to the presence of PSH.																		
	11/12/12	Not Sampled due to the presence of PSH.																		
	11/18/13	Not Sampled due to the presence of PSH.																		

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

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised October 10, 2003

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

Release Notification and Corrective Action

OPERATOR

x Initial Report

☐ Final Report

Name of Company Plains Marketing, LP	Contact Camille Reynolds
Address 5805 East Hwy. 80, Midland, TX 79706	Telephone No. 505-441-0965
Facility Name 34 Junction South Station	Facility Type Meter Facility

Surface Owner State Land Office	Mineral Owner	Lease No.
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LOCATION OF RELEASE

Unit Letter M	Section 2	Township 17S	Range 36E	Feet from the	North/South Line	Feet from the	East/West Line	County Lea
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Latitude 32° 51' 42.4"

Longitude 103° 19' 54.4"

NATURE OF RELEASE

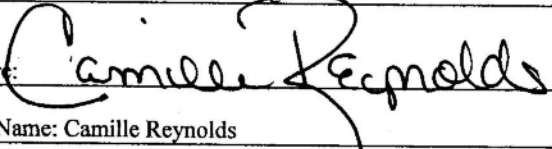
Type of Release Crude Oil	Volume of Release 15 barrels	Volume Recovered .5 barrels
Source of Release Malfunction of check valve on air eliminator	Date and Hour of Occurrence 6-10-05 @ 07:00	Date and Hour of Discovery 6-10-05 @ 07:45
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Paul Sheely	
By Whom? Camille Reynolds	Date and Hour 6-10-05 @ 13:31	
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.* Mechanical malfunction of check valve on air eliminator resulted in release. Isolated air eliminator off of metering system. The station produces approximately 100 barrels of sweet crude oil per day. The pressure on the line is <10 psi and the gravity on the sweet crude is 42.5, the H2S content is <10 ppm.

Describe Area Affected and Cleanup Action Taken.* The impacted soil was excavated and stockpiled on plastic. Aerial extent of surface impact was 1,620 square feet.

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: 6-13-05	Phone: 505-441-0965	

* Attach Additional Sheets If Necessary

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 1	10/25/05	3,850.68	-	58.79	0.00	3,791.89
MW - 1	08/25/06	3,850.68	-	59.10	0.00	3,791.58
MW - 1	09/15/06	3,850.68	-	59.17	0.00	3,791.51
MW - 1	09/27/06	3,850.68	-	59.11	0.00	3,791.57
MW - 1	09/28/06	3,850.68	-	59.09	0.00	3,791.59
MW - 1	10/06/06	3,850.68	-	59.09	0.00	3,791.59
MW - 1	10/13/06	3,850.68	-	58.11	0.00	3,792.57
MW - 1	11/03/06	3,850.68	-	59.11	0.00	3,791.57
MW - 1	12/01/06	3,850.68	-	59.14	0.00	3,791.54
MW - 1	12/08/06	3,850.68	-	59.16	0.00	3,791.52
MW - 1	12/12/06	3,850.68	-	59.18	0.00	3,791.50
MW - 1	12/15/06	3,850.68	-	59.18	0.00	3,791.50
MW - 1	03/19/07	3,850.68	-	59.37	0.00	3,791.31
MW - 1	05/31/07	3,850.68	-	59.41	0.00	3,791.27
MW - 1	08/29/07	3,850.68	-	59.52	0.00	3,791.16
MW - 1	11/12/07	3,850.68	-	59.65	0.00	3,791.03
MW - 1	02/11/08	3,850.68	-	59.78	0.00	3,790.90
MW - 1	05/12/08	3,850.68	-	59.88	0.00	3,790.80
MW - 1	08/13/08	3,850.68	-	60.05	0.00	3,790.63
MW - 1	11/11/08	3,850.68	-	60.18	0.00	3,790.50
MW - 1	02/09/09	3,850.68	-	60.29	0.00	3,790.39
MW - 1	05/11/09	3,850.68	-	60.44	0.00	3,790.24
MW - 1	08/12/09	3,850.68	-	60.59	0.00	3,790.09
MW - 1	11/24/09	3,850.68	-	60.75	0.00	3,789.93
MW - 1	01/12/10	3,850.68	-	60.81	0.00	3,789.87
MW - 1	02/11/10	3,850.68	-	60.86	0.00	3,789.82
MW - 1	05/21/10	3,850.68	-	60.87	0.00	3,789.81
MW - 1	08/19/10	3,850.68	-	61.19	0.00	3,789.49
MW - 1	11/19/10	3,850.68	-	60.75	0.00	3,789.93
MW - 1	03/01/11	3,850.68	-	60.76	0.00	3,789.92
MW - 1	05/03/11	3,850.68	-	61.55	0.00	3,789.13
MW - 1	08/16/11	3,850.68	-	61.70	0.00	3,788.98
MW - 1	11/28/11	3,850.68	-	61.86	0.00	3,788.82
MW - 1	02/27/12	3,850.68	-	62.02	0.00	3,788.66
MW - 1	05/29/12	3,850.68	-	62.11	0.00	3,788.57

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 34 JUNCTION SOUTH STATION
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NO. 1R-0456

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 1	08/14/12	3,850.68	-	62.33	0.00	3,788.35
MW - 1	11/12/12	3,850.68	-	62.42	0.00	3,788.26
MW - 1	02/11/13	3,850.68	-	62.55	0.00	3,788.13
MW - 1	03/28/13	3,850.68	-	62.67	0.00	3,788.01
MW - 1	04/10/13	3,850.68	-	62.70	0.00	3,787.98
MW - 1	05/13/13	3,850.68	-	62.76	0.00	3,787.92
MW - 1	05/24/13	3,850.68	-	62.76	0.00	3,787.92
MW - 1	06/26/13	3,850.68	-	62.82	0.00	3,787.86
MW - 1	07/31/13	3,850.68	-	62.80	0.00	3,787.88
MW - 1	08/14/13	3,850.68	-	62.93	0.00	3,787.75
MW - 1	09/30/13	3,850.68	-	62.98	0.00	3,787.70
MW - 1	11/18/13	3,850.68	-	63.09	0.00	3,787.59
MW - 2	10/25/05	3,850.67	-	58.32	0.00	3,792.35
MW - 2	08/25/06	3,850.67	-	58.65	0.00	3,792.02
MW - 2	09/15/06	3,850.67	-	58.75	0.00	3,791.92
MW - 2	09/28/06	3,850.67	-	58.64	0.00	3,792.03
MW - 2	10/06/06	3,850.67	-	58.64	0.00	3,792.03
MW - 2	10/13/06	3,850.67	-	58.65	0.00	3,792.02
MW - 2	11/03/06	3,850.67	-	58.69	0.00	3,791.98
MW - 2	12/01/06	3,850.67	-	58.62	0.00	3,792.05
MW - 2	12/08/06	3,850.67	-	58.70	0.00	3,791.97
MW - 2	12/12/06	3,850.67	-	58.72	0.00	3,791.95
MW - 2	12/15/06	3,850.67	-	58.73	0.00	3,791.94
MW - 2	03/19/07	3,850.67	-	58.88	0.00	3,791.79
MW - 2	05/31/07	3,850.67	-	58.96	0.00	3,791.71
MW - 2	08/29/07	3,850.67	-	59.08	0.00	3,791.59
MW - 2	11/12/07	3,850.67	-	59.18	0.00	3,791.49
MW - 2	02/11/08	3,850.67	-	59.29	0.00	3,791.38
MW - 2	05/12/08	3,850.67	-	59.42	0.00	3,791.25
MW - 2	08/13/08	3,850.67	-	59.58	0.00	3,791.09
MW - 2	11/11/08	3,850.67	-	59.72	0.00	3,790.95
MW - 2	02/09/09	3,850.67	-	59.83	0.00	3,790.84
MW - 2	05/11/09	3,850.67	-	59.98	0.00	3,790.69
MW - 2	08/12/09	3,850.67	-	60.12	0.00	3,790.55

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 34 JUNCTION SOUTH STATION
 LEA COUNTY, NEW MEXICO
 NMOC D REFERENCE NO. 1R-0456

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	11/24/09	3,850.67	-	60.28	0.00	3,790.39
MW - 2	01/12/10	3,850.67	-	60.34	0.00	3,790.33
MW - 2	02/11/10	3,850.67	-	60.41	0.00	3,790.26
MW - 2	05/21/10	3,850.67	-	60.43	0.00	3,790.24
MW - 2	08/19/10	3,850.67	-	60.68	0.00	3,789.99
MW - 2	11/19/10	3,850.67	-	60.27	0.00	3,790.40
MW - 2	03/01/11	3,850.67	-	60.31	0.00	3,790.36
MW - 2	05/03/11	3,850.67	-	61.07	0.00	3,789.60
MW - 2	08/16/11	3,850.67	-	61.23	0.00	3,789.44
MW - 2	11/28/11	3,850.67	-	61.39	0.00	3,789.28
MW - 2	02/27/12	3,850.67	-	61.55	0.00	3,789.12
MW - 2	05/29/12	3,850.67	-	61.64	0.00	3,789.03
MW - 2	08/14/12	3,850.67	-	61.75	0.00	3,788.92
MW - 2	11/12/12	3,850.67	-	61.95	0.00	3,788.72
MW - 2	02/11/13	3,850.67	-	62.07	0.00	3,788.60
MW - 2	03/28/13	3,850.67	-	62.21	0.00	3,788.46
MW - 2	04/10/13	3,850.67	-	62.23	0.00	3,788.44
MW - 2	05/13/13	3,850.67	-	62.31	0.00	3,788.36
MW - 2	05/24/13	3,850.67	-	62.29	0.00	3,788.38
MW - 2	06/26/13	3,850.67	-	62.36	0.00	3,788.31
MW - 2	07/31/13	3,850.67	-	62.33	0.00	3,788.34
MW - 2	08/14/13	3,850.67	-	62.47	0.00	3,788.20
MW - 2	09/30/13	3,850.67	-	62.52	0.00	3,788.15
MW - 2	11/18/13	3,850.67	-	62.63	0.00	3,788.04
MW - 3	10/25/05	3,850.43	57.45	63.87	6.42	3,792.02
MW - 3	11/02/05	3,850.43	57.21	65.36	8.15	3,792.00
MW - 3	11/09/05	3,850.43	57.22	65.38	8.16	3,791.99
MW - 3	11/16/05	3,850.43	57.19	65.41	8.22	3,792.01
MW - 3	11/23/05	3,850.43	57.18	65.56	8.38	3,791.99
MW - 3	11/29/05	3,850.43	57.44	63.86	6.42	3,792.03
MW - 3	11/30/05	3,850.43	57.25	65.70	8.45	3,791.91
MW - 3	12/08/05	3,850.43	57.20	65.35	8.15	3,792.01
MW - 3	12/12/05	3,850.43	57.20	65.35	8.15	3,792.01
MW - 3	12/20/05	3,850.43	57.20	65.30	8.10	3,792.02

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	12/29/05	3,850.43	57.25	65.28	8.03	3,791.98
MW - 3	01/03/06	3,850.43	57.25	65.20	7.95	3,791.99
MW - 3	01/05/06	3,850.43	57.35	64.85	7.50	3,791.96
MW - 3	01/06/06	3,850.43	57.52	64.05	6.53	3,791.93
MW - 3	01/09/06	3,850.43	57.34	64.95	7.61	3,791.95
MW - 3	01/12/06	3,850.43	57.32	64.93	7.61	3,791.97
MW - 3	01/13/06	3,850.43	57.45	64.31	6.86	3,791.95
MW - 3	01/16/06	3,850.43	57.35	64.82	7.47	3,791.96
MW - 3	01/18/06	3,850.43	57.40	64.67	7.27	3,791.94
MW - 3	01/20/06	3,850.43	57.34	64.71	7.37	3,791.98
MW - 3	01/23/06	3,850.43	57.35	64.95	7.60	3,791.94
MW - 3	01/25/06	3,850.43	57.28	64.68	7.40	3,792.04
MW - 3	01/27/06	3,850.43	57.38	64.72	7.34	3,791.95
MW - 3	01/30/06	3,850.43	57.37	64.79	7.42	3,791.95
MW - 3	02/01/06	3,850.43	57.35	64.95	7.60	3,791.94
MW - 3	02/03/06	3,850.43	57.42	64.68	7.26	3,791.92
MW - 3	02/06/06	3,850.43	57.40	64.78	7.38	3,791.92
MW - 3	02/13/06	3,850.43	57.38	64.89	7.51	3,791.92
MW - 3	02/16/06	3,850.43	57.41	64.79	7.38	3,791.91
MW - 3	02/21/06	3,850.43	57.41	64.85	7.44	3,791.90
MW - 3	02/23/06	3,850.43	57.42	64.79	7.37	3,791.90
MW - 3	02/27/06	3,850.43	57.41	64.86	7.45	3,791.90
MW - 3	03/02/06	3,850.43	57.42	64.73	7.31	3,791.91
MW - 3	03/03/06	3,850.43	57.74	63.35	5.61	3,791.85
MW - 3	03/06/06	3,850.43	57.46	64.60	7.14	3,791.90
MW - 3	03/07/06	3,850.43	57.63	63.84	6.21	3,791.87
MW - 3	03/10/06	3,850.43	57.48	64.59	7.11	3,791.88
MW - 3	03/15/06	3,850.43	57.46	64.59	7.13	3,791.90
MW - 3	03/20/06	3,850.43	57.43	64.82	7.39	3,791.89
MW - 3	03/24/06	3,850.43	57.44	64.71	7.27	3,791.90
MW - 3	03/27/06	3,850.43	57.49	64.61	7.12	3,791.87
MW - 3	03/29/06	3,850.43	57.52	64.48	6.96	3,791.87
MW - 3	03/31/06	3,850.43	57.50	64.58	7.08	3,791.87
MW - 3	04/03/06	3,850.43	57.49	64.52	7.03	3,791.89
MW - 3	04/05/06	3,850.43	57.46	64.77	7.31	3,791.87

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	04/07/06	3,850.43	57.46	64.79	7.33	3,791.87
MW - 3	04/11/06	3,850.43	57.47	64.78	7.31	3,791.86
MW - 3	04/13/06	3,850.43	57.52	64.53	7.01	3,791.86
MW - 3	04/14/06	3,850.43	57.68	63.81	6.13	3,791.83
MW - 3	04/17/06	3,850.43	57.51	64.74	7.23	3,791.84
MW - 3	04/19/06	3,850.43	57.48	64.75	7.27	3,791.86
MW - 3	04/24/06	3,850.43	57.51	64.71	7.20	3,791.84
MW - 3	04/25/06	3,850.43	57.51	64.73	7.22	3,791.84
MW - 3	05/01/06	3,850.43	57.50	64.79	7.29	3,791.84
MW - 3	05/02/06	3,850.43	58.52	64.75	6.23	3,790.98
MW - 3	05/05/06	3,850.43	57.54	64.74	7.20	3,791.81
MW - 3	05/09/06	3,850.43	57.54	64.73	7.19	3,791.81
MW - 3	05/10/06	3,850.43	57.57	64.75	7.18	3,791.78
MW - 3	05/11/06	3,850.43	57.54	64.78	7.24	3,791.80
MW - 3	05/15/06	3,850.43	57.53	64.79	7.26	3,791.81
MW - 3	05/16/06	3,850.43	57.54	64.78	7.24	3,791.80
MW - 3	05/18/06	3,850.43	57.54	64.79	7.25	3,791.80
MW - 3	05/22/06	3,850.43	57.53	64.82	7.29	3,791.81
MW - 3	05/24/06	3,850.43	57.58	64.55	6.97	3,791.80
MW - 3	05/25/06	3,850.43	57.73	63.88	6.15	3,791.78
MW - 3	05/30/06	3,850.43	57.54	64.76	7.22	3,791.81
MW - 3	05/31/06	3,850.43	57.74	63.87	6.13	3,791.77
MW - 3	06/02/06	3,850.43	57.70	64.07	6.37	3,791.77
MW - 3	06/06/06	3,850.43	57.56	64.74	7.18	3,791.79
MW - 3	06/08/06	3,850.43	57.60	64.58	6.98	3,791.78
MW - 3	06/13/06	3,850.43	57.57	64.75	7.18	3,791.78
MW - 3	06/15/06	3,850.43	57.62	64.59	6.97	3,791.76
MW - 3	06/16/06	3,850.43	57.78	64.75	6.97	3,791.60
MW - 3	06/19/06	3,850.43	57.46	64.77	7.31	3,791.87
MW - 3	06/20/06	3,850.43	57.56	64.73	7.17	3,791.79
MW - 3	06/21/06	3,850.43	57.57	64.84	7.27	3,791.77
MW - 3	06/29/06	3,850.43	57.57	64.84	7.27	3,791.77
MW - 3	06/30/06	3,850.43	57.57	64.84	7.27	3,791.77
MW - 3	07/03/06	3,850.43	57.63	64.70	7.07	3,791.74
MW - 3	07/05/06	3,850.43	57.65	64.58	6.93	3,791.74

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	07/07/06	3,850.43	57.66	65.02	7.36	3,791.67
MW - 3	07/10/06	3,850.43	57.63	64.71	7.08	3,791.74
MW - 3	07/11/06	3,850.43	57.62	64.82	7.20	3,791.73
MW - 3	07/12/06	3,850.43	57.81	63.89	6.08	3,791.71
MW - 3	07/14/06	3,850.43	57.68	64.50	6.82	3,791.73
MW - 3	07/17/06	3,850.43	57.64	64.69	7.05	3,791.73
MW - 3	07/19/06	3,850.43	57.69	64.53	6.84	3,791.71
MW - 3	07/21/06	3,850.43	57.69	64.50	6.81	3,791.72
MW - 3	07/24/06	3,850.43	57.65	64.70	7.05	3,791.72
MW - 3	07/26/06	3,850.43	57.70	64.52	6.82	3,791.71
MW - 3	07/28/06	3,850.43	57.71	64.50	6.79	3,791.70
MW - 3	08/01/06	3,850.43	57.65	64.78	7.13	3,791.71
MW - 3	08/02/06	3,850.43	57.95	63.38	5.43	3,791.67
MW - 3	08/04/06	3,850.43	57.73	64.44	6.71	3,791.69
MW - 3	08/07/06	3,850.43	57.69	64.70	7.01	3,791.69
MW - 3	08/09/06	3,850.43	57.72	64.54	6.82	3,791.69
MW - 3	08/10/06	3,850.43	57.73	64.50	6.77	3,791.68
MW - 3	08/14/06	3,850.43	57.70	64.69	6.99	3,791.68
MW - 3	08/17/06	3,850.43	57.71	64.72	7.01	3,791.67
MW - 3	08/18/06	3,850.43	57.70	64.74	7.04	3,791.67
MW - 3	01/27/06	3,850.43	57.28	64.68	7.40	3,792.04
MW - 3	02/28/06	3,850.43	57.38	64.72	7.34	3,791.95
MW - 3	08/25/06	3,850.43	57.73	64.90	7.17	3,791.62
MW - 3	09/14/06	3,850.43	57.59	65.13	7.54	3,791.71
MW - 3	09/15/06	3,850.43	57.70	65.04	7.34	3,791.63
MW - 3	09/18/06	3,850.43	57.56	59.28	1.72	3,792.61
MW - 3	09/21/06	3,850.43	57.51	65.35	7.84	3,791.74
MW - 3	09/26/06	3,850.43	57.46	65.50	8.04	3,791.76
MW - 3	09/27/06	3,850.43	57.62	65.09	7.47	3,791.69
MW - 3	09/28/06	3,850.43	57.66	64.31	6.65	3,791.77
MW - 3	10/02/06	3,850.43	57.51	65.47	7.96	3,791.73
MW - 3	10/04/06	3,850.43	57.52	65.43	7.91	3,791.72
MW - 3	10/06/06	3,850.43	57.53	65.42	7.89	3,791.72
MW - 3	10/09/06	3,850.43	57.52	65.57	8.05	3,791.70
MW - 3	10/11/06	3,850.43	57.33	65.43	8.10	3,791.89

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	10/16/06	3,850.43	57.56	65.49	7.93	3,791.68
MW - 3	10/18/06	3,850.43	57.58	65.35	7.77	3,791.68
MW - 3	10/20/06	3,850.43	57.59	65.34	7.75	3,791.68
MW - 3	10/23/06	3,850.43	57.55	65.36	7.81	3,791.71
MW - 3	10/25/06	3,850.43	57.61	65.36	7.75	3,791.66
MW - 3	10/27/06	3,850.43	57.64	65.21	7.57	3,791.65
MW - 3	10/30/06	3,850.43	57.59	61.53	3.94	3,792.25
MW - 3	11/01/06	3,850.43	57.65	65.10	7.45	3,791.66
MW - 3	11/03/06	3,850.43	57.66	65.05	7.39	3,791.66
MW - 3	11/06/06	3,850.43	57.63	65.13	7.50	3,791.68
MW - 3	11/08/06	3,850.43	57.63	65.23	7.60	3,791.66
MW - 3	11/10/06	3,850.43	57.70	65.05	7.35	3,791.63
MW - 3	11/13/06	3,850.43	57.65	65.10	7.45	3,791.66
MW - 3	11/15/06	3,850.43	57.70	65.00	7.30	3,791.64
MW - 3	11/17/06	3,850.43	57.69	65.15	7.46	3,791.62
MW - 3	11/20/06	3,850.43	57.69	65.08	7.39	3,791.63
MW - 3	11/22/06	3,850.43	57.73	64.96	7.23	3,791.62
MW - 3	11/27/06	3,850.43	57.68	65.12	7.44	3,791.63
MW - 3	11/29/06	3,850.43	57.74	64.92	7.18	3,791.61
MW - 3	12/01/06	3,850.43	57.74	64.92	7.18	3,791.61
MW - 3	12/04/06	3,850.43	57.74	64.98	7.24	3,791.60
MW - 3	12/06/06	3,850.43	57.78	64.84	7.06	3,791.59
MW - 3	12/08/06	3,850.43	57.75	64.83	7.08	3,791.62
MW - 3	12/12/06	3,850.43	58.22	65.12	6.90	3,791.18
MW - 3	12/15/06	3,850.43	58.00	64.82	6.82	3,791.41
MW - 3	12/18/06	3,850.43	57.83	64.76	6.93	3,791.56
MW - 3	01/05/07	3,850.43	59.05	59.63	0.58	3,791.29
MW - 3	01/10/07	3,850.43	59.05	59.54	0.49	3,791.31
MW - 3	01/12/07	3,850.43	59.71	66.23	6.52	3,789.74
MW - 3	01/16/07	3,850.43	57.93	64.60	6.67	3,791.50
MW - 3	01/25/07	3,850.43	57.94	64.75	6.81	3,791.47
MW - 3	01/26/07	3,850.43	59.33	63.53	4.20	3,790.47
MW - 3	01/29/07	3,850.43	57.91	64.63	6.72	3,791.51
MW - 3	02/01/07	3,850.43	57.96	64.63	6.67	3,791.47
MW - 3	02/06/07	3,850.43	58.17	63.63	5.46	3,791.44

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	02/09/07	3,850.43	57.99	64.58	6.59	3,791.45
MW - 3	02/13/07	3,850.43	57.95	64.64	6.69	3,791.48
MW - 3	02/16/07	3,850.43	58.35	62.77	4.42	3,791.42
MW - 3	02/20/07	3,850.43	58.11	64.59	6.48	3,791.35
MW - 3	02/21/07	3,850.43	57.98	64.64	6.66	3,791.45
MW - 3	02/22/07	3,850.43	57.96	64.66	6.70	3,791.47
MW - 3	02/28/07	3,850.43	59.27	59.58	0.31	3,791.11
MW - 3	03/02/07	3,850.43	59.15	59.79	0.64	3,791.18
MW - 3	03/06/07	3,850.43	58.16	64.35	6.19	3,791.34
MW - 3	03/14/07	3,850.43	58.06	65.66	7.60	3,791.23
MW - 3	03/19/07	3,850.43	58.09	64.75	6.66	3,791.34
MW - 3	03/19/07	3,850.43	58.09	64.74	6.65	3,791.34
MW - 3	04/02/07	3,850.43	58.12	64.81	6.69	3,791.31
MW - 3	04/09/07	3,850.43	59.30	59.41	0.11	3,791.11
MW - 3	04/12/07	3,850.43	59.19	60.28	1.09	3,791.08
MW - 3	04/16/07	3,850.43	59.92	61.02	1.10	3,790.35
MW - 3	04/24/07	3,850.43	59.16	60.49	1.33	3,791.07
MW - 3	04/26/07	3,850.43	59.01	60.51	1.50	3,791.20
MW - 3	04/30/07	3,850.43	59.41	63.04	3.63	3,790.48
MW - 3	05/04/07	3,850.43	59.68	59.74	0.06	3,790.74
MW - 3	05/16/07	3,850.43	58.82	60.09	1.27	3,791.42
MW - 3	05/18/07	3,850.43	59.16	60.24	1.08	3,791.11
MW - 3	05/21/07	3,850.43	59.25	60.33	1.08	3,791.02
MW - 3	05/29/07	3,850.43	59.40	60.15	0.75	3,790.92
MW - 3	05/31/07	3,850.43	59.40	60.15	0.75	3,790.92
MW - 3	06/05/07	3,850.43	59.36	60.29	0.93	3,790.93
MW - 3	06/07/07	3,850.43	59.47	59.90	0.43	3,790.90
MW - 3	06/11/07	3,850.43	59.42	60.07	0.65	3,790.91
MW - 3	06/13/07	3,850.43	59.36	60.12	0.76	3,790.96
MW - 3	06/18/07	3,850.43	59.29	60.14	0.85	3,791.01
MW - 3	06/21/07	3,850.43	59.41	60.02	0.61	3,790.93
MW - 3	07/02/07	3,850.43	59.40	60.14	0.74	3,790.92
MW - 3	07/06/07	3,850.43	59.12	60.05	0.93	3,791.17
MW - 3	07/13/07	3,850.43	59.34	60.35	1.01	3,790.94
MW - 3	07/17/07	3,850.43	59.40	60.09	0.69	3,790.93

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 34 JUNCTION SOUTH STATION
 LEA COUNTY, NEW MEXICO
 NMOC D REFERENCE NO. 1R-0456

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	07/25/07	3,850.43	59.29	60.41	1.12	3,790.97
MW - 3	08/09/07	3,850.43	59.22	63.34	4.12	3,790.59
MW - 3	08/13/07	3,850.43	58.27	62.13	3.86	3,791.58
MW - 3	08/15/07	3,850.43	59.33	60.56	1.23	3,790.92
MW - 3	08/24/07	3,850.43	58.32	61.50	3.18	3,791.63
MW - 3	08/29/07	3,850.43	59.33	60.48	1.15	3,790.93
MW - 3	09/17/07	3,850.43	59.39	60.71	1.32	3,790.84
MW - 3	09/25/07	3,850.43	59.42	60.69	1.27	3,790.82
MW - 3	09/27/07	3,850.43	59.64	59.88	0.24	3,790.75
MW - 3	10/03/07	3,850.43	59.47	60.36	0.89	3,790.83
MW - 3	10/10/07	3,850.43	59.01	60.24	1.23	3,791.24
MW - 3	10/16/07	3,850.43	58.48	60.14	1.66	3,791.70
MW - 3	11/12/07	3,850.43	58.78	63.19	4.41	3,790.99
MW - 3	11/28/07	3,850.43	58.79	62.28	3.49	3,791.12
MW - 3	12/13/07	3,850.43	58.58	65.14	6.56	3,790.87
MW - 3	02/11/08	3,850.43	DID NOT GAUGE			
MW - 3	05/12/08	3,850.43	59.80	60.46	0.66	3,790.53
MW - 3	08/13/08	3,850.43	59.96	60.73	0.77	3,790.35
MW - 3	10/02/08	3,850.43	60.09	63.64	3.55	3,789.81
MW - 3	11/11/08	3,850.43	59.24	64.28	5.04	3,790.43
MW - 3	02/09/09	3,850.43	60.24	60.63	0.39	3,790.13
MW - 3	03/26/09	3,850.43	59.93	60.38	0.45	3,790.43
MW - 3	05/11/09	3,850.43	60.46	61.25	0.79	3,789.85
MW - 3	06/16/09	3,850.43	60.19	65.12	4.93	3,789.50
MW - 3	08/12/09	3,850.43	60.75	61.41	0.66	3,789.58
MW - 3	11/24/09	3,850.43	61.22	62.71	1.49	3,788.99
MW - 3	01/12/10	3,850.43	61.23	62.87	1.64	3,788.95
MW - 3	02/11/10	3,850.43	60.90	61.81	0.91	3,789.39
MW - 3	05/21/10	3,850.43	61.13	61.22	0.09	3,789.29
MW - 3	08/19/10	3,850.43	61.41	61.56	0.15	3,789.00
MW - 3	11/19/10	3,850.43	61.44	61.50	0.06	3,788.98
MW - 3	03/01/11	3,850.43	61.40	61.52	0.12	3,789.01
MW - 3	05/03/11	3,850.43	BURNED DOWN			3,850.43
MW - 3	08/16/11	3,850.43	60.34	68.40	8.06	3,788.88
MW - 3	09/06/11	3,850.43	61.01	68.50	7.49	3,788.30

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 34 JUNCTION SOUTH STATION
 LEA COUNTY, NEW MEXICO
 NMOC D REFERENCE NO. 1R-0456

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	09/08/11	3,850.43	61.58	65.75	4.17	3,788.22
MW - 3	09/13/11	3,850.43	61.66	65.08	3.42	3,788.26
MW - 3	10/11/11	3,850.43	61.05	68.05	7.00	3,788.33
MW - 3	10/21/11	3,850.43	61.34	67.10	5.76	3,788.23
MW - 3	11/28/11	3,850.43	61.12	68.41	7.29	3,788.22
MW - 3	12/20/11	3,850.43	61.18	68.45	7.27	3,788.16
MW - 3	12/29/11	3,850.43	61.57	66.85	5.28	3,788.07
MW - 3	01/17/12	3,850.43	61.89	64.36	2.47	3,788.17
MW - 3	01/26/12	3,850.43	61.64	66.55	4.91	3,788.05
MW - 3	01/31/12	3,850.43	62.06	65.02	2.96	3,787.93
MW - 3	02/14/12	3,850.43	61.55	67.12	5.57	3,788.04
MW - 3	02/21/12	3,850.43	61.34	67.98	6.64	3,788.09
MW - 3	02/27/12	3,850.43	61.93	65.75	3.82	3,787.93
MW - 3	03/07/12	3,850.43	61.66	67.01	5.35	3,787.97
MW - 3	03/13/12	3,850.43	61.88	66.03	4.15	3,787.93
MW - 3	03/20/12	3,850.43	61.81	66.25	4.44	3,787.95
MW - 3	03/22/12	3,850.43	62.43	63.72	1.29	3,787.81
MW - 3	03/27/12	3,850.43	62.30	64.21	1.91	3,787.84
MW - 3	04/03/12	3,850.43	62.06	65.10	3.04	3,787.91
MW - 3	04/05/12	3,850.43	62.47	63.62	1.15	3,787.79
MW - 3	04/10/12	3,850.43	62.32	64.27	1.95	3,787.82
MW - 3	04/12/12	3,850.43	62.54	63.34	0.80	3,787.77
MW - 3	04/17/12	3,850.43	62.35	64.12	1.77	3,787.81
MW - 3	04/19/12	3,850.43	63.41	64.43	1.02	3,786.87
MW - 3	04/26/12	3,850.43	62.15	65.20	3.05	3,787.82
MW - 3	05/08/12	3,850.43	62.16	65.21	3.05	3,787.81
MW - 3	05/29/12	3,850.43	62.11	68.39	6.28	3,787.38
MW - 3	06/07/12	3,850.43	62.13	68.44	6.31	3,787.35
MW - 3	06/12/12	3,850.43	62.03	66.40	4.37	3,787.74
MW - 3	06/19/12	3,850.43	62.03	66.39	4.36	3,787.75
MW - 3	06/26/12	3,850.43	62.05	66.40	4.35	3,787.73
MW - 3	07/03/12	3,850.43	62.05	66.43	4.38	3,787.72
MW - 3	07/10/12	3,850.43	62.07	66.45	4.38	3,787.70
MW - 3	07/17/12	3,850.43	61.52	68.80	7.28	3,787.82
MW - 3	08/14/12	3,850.43	62.23	66.06	3.83	3,787.63

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 34 JUNCTION SOUTH STATION
 LEA COUNTY, NEW MEXICO
 NMOC D REFERENCE NO. 1R-0456

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	10/09/12	3,850.43	63.24	66.06	2.82	3,786.77
MW - 3	10/16/12	3,850.43	63.13	63.16	0.03	3,787.30
MW - 3	10/30/12	3,850.43	68.70	68.71	0.01	3,781.73
MW - 3	11/12/12	3,850.43	62.30	66.41	4.11	3,787.51
MW - 3	02/11/13	3,850.43	62.45	65.65	3.20	3,787.50
MW - 3	03/28/13	3,850.43	63.39	63.40	0.01	3,787.04
MW - 3	04/10/13	3,850.43	63.42	63.43	0.01	3,787.01
MW - 3	05/13/13	3,850.43	63.47	63.49	0.02	3,786.96
MW - 3	05/24/13	3,850.43	63.48	63.50	0.02	3,786.95
MW - 3	06/26/13	3,850.43	63.53	63.54	0.01	3,786.90
MW - 3	07/02/13	3,850.43	64.15	64.17	0.02	3,786.28
MW - 3	07/10/13	3,850.43	-	-	-	-
MW - 3	07/31/13	3,850.43	62.37	68.06	5.69	3,787.21
MW - 3	08/14/13	3,850.43	62.39	69.30	6.91	3,787.00
MW - 3	08/21/13	3,850.43	62.44	69.49	7.05	3,786.93
MW - 3	08/21/13	3,850.43	66.65	67.88	1.23	3,783.60
MW - 3	08/26/13	3,850.43	63.05	66.89	3.84	3,786.80
MW - 3	08/30/13	3,850.43	62.92	66.93	4.01	3,786.91
MW - 3	09/06/13	3,850.43	62.50	68.28	5.78	3,787.06
MW - 3	09/13/13	3,850.43	63.28	65.90	2.62	3,786.76
MW - 3	09/30/13	3,850.43	63.74	63.75	0.01	3,786.69
MW - 3	11/18/13	3,850.43	63.80	63.81	0.01	3,786.63
MW - 4	10/25/05	3,850.26	-	58.86	0.00	3,791.40
MW - 4	08/25/06	3,850.26	-	59.23	0.00	3,791.03
MW - 4	09/15/06	3,850.26	-	59.30	0.00	3,790.96
MW - 4	09/27/06	3,850.26	-	59.18	0.00	3,791.08
MW - 4	09/28/06	3,850.26	-	59.20	0.00	3,791.06
MW - 4	10/06/06	3,850.26	-	59.20	0.00	3,791.06
MW - 4	10/13/06	3,850.26	-	59.22	0.00	3,791.04
MW - 4	11/03/06	3,850.26	-	61.11	0.00	3,789.15
MW - 4	12/01/06	3,850.26	-	59.27	0.00	3,790.99
MW - 4	12/08/06	3,850.26	-	59.28	0.00	3,790.98
MW - 4	12/12/06	3,850.26	-	59.28	0.00	3,790.98
MW - 4	12/15/06	3,850.26	-	59.28	0.00	3,790.98

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	03/19/07	3,850.26	-	59.44	0.00	3,790.82
MW - 4	05/31/07	3,850.26	-	59.58	0.00	3,790.68
MW - 4	08/29/07	3,850.26	59.49	60.47	0.98	3,790.62
MW - 4	09/17/07	3,850.26	59.49	60.69	1.20	3,790.59
MW - 4	09/19/07	3,850.26	59.63	60.05	0.42	3,790.57
MW - 4	09/25/07	3,850.26	59.64	60.09	0.45	3,790.55
MW - 4	09/27/07	3,850.26	59.68	60.00	0.32	3,790.53
MW - 4	10/03/07	3,850.26	59.82	59.86	0.04	3,790.43
MW - 4	10/10/07	3,850.26	-	59.92	0.00	3,790.34
MW - 4	10/12/07	3,850.26	-	59.86	0.00	3,790.40
MW - 4	10/16/07	3,850.26	-	59.88	0.00	3,790.38
MW - 4	10/23/07	3,850.26	-	59.84	0.00	3,790.42
MW - 4	10/26/07	3,850.26	-	59.91	0.00	3,790.35
MW - 4	10/29/07	3,850.26	-	59.84	0.00	3,790.42
MW - 4	11/12/07	3,850.26	59.92	59.99	0.07	3,790.33
MW - 4	11/14/07	3,850.26	59.90	60.00	0.10	3,790.35
MW - 4	11/16/07	3,850.26	-	59.96	0.00	3,790.30
MW - 4	11/21/07	3,850.26	59.99	60.06	0.07	3,790.26
MW - 4	11/28/07	3,850.26	59.90	59.93	0.03	3,790.36
MW - 4	11/30/07	3,850.26	-	59.95	0.00	3,790.31
MW - 4	12/13/07	3,850.26	59.92	59.99	0.07	3,790.33
MW - 4	01/04/08	3,850.26	59.75	60.21	0.46	3,790.44
MW - 4	01/10/08	3,850.26	59.92	60.22	0.30	3,790.30
MW - 4	01/16/08	3,850.26	59.79	60.36	0.57	3,790.38
MW - 4	01/18/08	3,850.26	59.81	60.30	0.49	3,790.38
MW - 4	01/22/08	3,850.26	59.84	60.34	0.50	3,790.35
MW - 4	02/07/08	3,850.26	59.92	60.67	0.75	3,790.23
MW - 4	02/11/08	3,850.26	59.91	60.16	0.25	3,790.31
MW - 4	02/20/08	3,850.26	59.85	60.28	0.43	3,790.35
MW - 4	02/27/08	3,850.26	59.86	60.39	0.53	3,790.32
MW - 4	03/13/08	3,850.26	59.82	60.72	0.90	3,790.31
MW - 4	03/20/08	3,850.26	59.82	60.53	0.71	3,790.33
MW - 4	03/22/08	3,850.26	59.86	60.52	0.66	3,790.30
MW - 4	04/03/08	3,850.26	59.88	60.47	0.59	3,790.29
MW - 4	04/09/08	3,850.26	59.91	60.48	0.57	3,790.26

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	04/16/08	3,850.26	59.91	60.40	0.49	3,790.28
MW - 4	04/23/08	3,850.26	59.90	60.46	0.56	3,790.28
MW - 4	05/01/08	3,850.26	59.89	60.70	0.81	3,790.25
MW - 4	05/12/08	3,850.26	59.88	60.67	0.79	3,790.26
MW - 4	05/29/08	3,850.26	59.94	60.71	0.77	3,790.20
MW - 4	06/06/08	3,850.26	59.07	60.65	1.58	3,790.95
MW - 4	06/11/08	3,850.26	60.02	60.47	0.45	3,790.17
MW - 4	06/18/08	3,850.26	59.59	60.64	1.05	3,790.51
MW - 4	06/24/08	3,850.26	60.00	60.66	0.66	3,790.16
MW - 4	07/01/08	3,850.26	60.02	60.56	0.54	3,790.16
MW - 4	07/15/08	3,850.26	60.06	60.57	0.51	3,790.12
MW - 4	07/23/08	3,850.26	60.03	60.74	0.71	3,790.12
MW - 4	08/02/08	3,850.26	60.02	60.83	0.81	3,790.12
MW - 4	08/13/08	3,850.26	60.00	61.05	1.05	3,790.10
MW - 4	08/13/08	3,850.26	60.00	61.05	1.05	3,790.10
MW - 4	09/11/08	3,850.26	59.95	61.57	1.62	3,790.07
MW - 4	09/22/08	3,850.26	60.10	60.98	0.88	3,790.03
MW - 4	10/02/08	3,850.26	60.08	60.92	0.84	3,790.05
MW - 4	10/09/08	3,850.26	60.14	60.86	0.72	3,790.01
MW - 4	10/17/08	3,850.26	60.16	60.94	0.78	3,789.98
MW - 4	10/21/08	3,850.26	60.20	60.70	0.50	3,789.99
MW - 4	11/11/08	3,850.26	60.20	60.80	0.60	3,789.97
MW - 4	01/07/09	3,850.26	60.19	62.24	2.05	3,789.76
MW - 4	01/14/09	3,850.26	60.15	60.31	0.16	3,790.09
MW - 4	01/21/09	3,850.26	60.28	60.90	0.62	3,789.89
MW - 4	01/23/09	3,850.26	60.38	60.72	0.34	3,789.83
MW - 4	01/30/09	3,850.26	60.30	61.00	0.70	3,789.86
MW - 4	02/09/09	3,850.26	60.32	61.04	0.72	3,789.83
MW - 4	02/19/09	3,850.26	60.35	61.05	0.70	3,789.81
MW - 4	03/04/09	3,850.26	60.40	61.09	0.69	3,789.76
MW - 4	03/06/09	3,850.26	60.34	61.28	0.94	3,789.78
MW - 4	03/11/09	3,850.26	60.36	61.28	0.92	3,789.76
MW - 4	03/17/09	3,850.26	60.69	61.12	0.43	3,789.51
MW - 4	03/19/09	3,850.26	60.37	61.15	0.78	3,789.77
MW - 4	03/24/09	3,850.26	60.35	61.38	1.03	3,789.76

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	03/26/09	3,850.26	60.48	60.82	0.34	3,789.73
MW - 4	04/03/09	3,850.26	60.38	61.21	0.83	3,789.76
MW - 4	04/08/09	3,850.26	60.37	61.20	0.83	3,789.77
MW - 4	04/15/09	3,850.26	60.31	61.75	1.44	3,789.73
MW - 4	04/17/09	3,850.26	60.35	61.18	0.83	3,789.79
MW - 4	04/21/09	3,850.26	60.34	61.16	0.82	3,789.80
MW - 4	04/24/09	3,850.26	60.24	62.18	1.94	3,789.73
MW - 4	04/29/09	3,850.26	60.50	60.99	0.49	3,789.69
MW - 4	05/06/09	3,850.26	60.49	61.11	0.62	3,789.68
MW - 4	05/11/09	3,850.26	60.51	61.01	0.50	3,789.68
MW - 4	05/14/09	3,850.26	60.51	61.01	0.50	3,789.68
MW - 4	05/28/09	3,850.26	60.36	61.82	1.46	3,789.68
MW - 4	06/02/09	3,850.26	60.56	61.00	0.44	3,789.63
MW - 4	06/09/09	3,850.26	60.54	61.11	0.57	3,789.63
MW - 4	06/16/09	3,850.26	60.51	61.26	0.75	3,789.64
MW - 4	06/22/09	3,850.26	60.58	61.05	0.47	3,789.61
MW - 4	06/30/09	3,850.26	60.59	61.22	0.63	3,789.58
MW - 4	07/06/09	3,850.26	60.51	61.07	0.56	3,789.67
MW - 4	07/10/09	3,850.26	61.53	61.98	0.45	3,788.66
MW - 4	07/13/09	3,850.26	60.68	60.91	0.23	3,789.55
MW - 4	07/17/09	3,850.26	60.64	60.98	0.34	3,789.57
MW - 4	07/20/09	3,850.26	60.62	61.09	0.47	3,789.57
MW - 4	07/28/09	3,850.26	60.62	61.35	0.73	3,789.53
MW - 4	07/30/09	3,850.26	60.66	61.20	0.54	3,789.52
MW - 4	08/04/09	3,850.26	60.60	61.29	0.69	3,789.56
MW - 4	08/12/09	3,850.26	60.61	61.35	0.74	3,789.54
MW - 4	08/20/09	3,850.26	60.63	61.54	0.91	3,789.49
MW - 4	08/26/09	3,850.26	60.64	61.40	0.76	3,789.51
MW - 4	09/02/09	3,850.26	60.65	61.92	1.27	3,789.42
MW - 4	09/09/09	3,850.26	60.66	61.36	0.70	3,789.50
MW - 4	09/14/09	3,850.26	60.71	61.20	0.49	3,789.48
MW - 4	09/21/09	3,850.26	60.65	61.55	0.90	3,789.48
MW - 4	10/01/09	3,850.26	60.71	61.65	0.94	3,789.41
MW - 4	10/08/09	3,850.26	60.71	61.69	0.98	3,789.40
MW - 4	10/16/09	3,850.26	60.74	61.79	1.05	3,789.36

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	10/20/09	3,850.26	60.73	61.70	0.97	3,789.38
MW - 4	10/27/09	3,850.26	60.74	61.68	0.94	3,789.38
MW - 4	10/30/09	3,850.26	60.67	61.82	1.15	3,789.42
MW - 4	11/06/09	3,850.26	60.71	61.69	0.98	3,789.40
MW - 4	11/11/09	3,850.26	60.80	61.21	0.41	3,789.40
MW - 4	11/18/09	3,850.26	60.76	61.35	0.59	3,789.41
MW - 4	11/24/09	3,850.26	60.81	61.37	0.56	3,789.37
MW - 4	12/02/09	3,850.26	60.73	61.75	1.02	3,789.38
MW - 4	12/10/09	3,850.26	60.63	61.78	1.15	3,789.46
MW - 4	12/17/09	3,850.26	60.91	61.58	0.67	3,789.25
MW - 4	12/21/09	3,850.26	60.76	61.64	0.88	3,789.37
MW - 4	12/30/09	3,850.26	60.87	61.94	1.07	3,789.23
MW - 4	01/12/10	3,850.26	60.86	61.98	1.12	3,789.23
MW - 4	01/18/10	3,850.26	60.79	61.62	0.83	3,789.35
MW - 4	02/02/10	3,850.26	60.71	62.24	1.53	3,789.32
MW - 4	02/11/10	3,850.26	60.87	61.69	0.82	3,789.27
MW - 4	02/18/10	3,850.26	60.81	62.07	1.26	3,789.26
MW - 4	02/25/10	3,850.26	60.99	61.85	0.86	3,789.14
MW - 4	03/02/10	3,850.26	61.02	61.62	0.60	3,789.15
MW - 4	03/04/10	3,850.26	60.99	61.15	0.16	3,789.25
MW - 4	03/10/10	3,850.26	60.96	61.47	0.51	3,789.22
MW - 4	03/12/10	3,850.26	61.07	61.49	0.42	3,789.13
MW - 4	03/15/10	3,850.26	60.99	61.57	0.58	3,789.18
MW - 4	03/14/10	3,850.26	60.99	61.60	0.61	3,789.18
MW - 4	03/22/10	3,850.26	61.09	61.59	0.50	3,789.10
MW - 4	03/24/10	3,850.26	61.14	61.44	0.30	3,789.08
MW - 4	03/30/10	3,850.26	61.08	61.59	0.51	3,789.10
MW - 4	04/07/10	3,850.26	61.08	61.90	0.82	3,789.06
MW - 4	04/12/10	3,850.26	61.02	61.50	0.48	3,789.17
MW - 4	04/15/10	3,850.26	61.04	61.48	0.44	3,789.15
MW - 4	04/20/10	3,850.26	61.11	61.65	0.54	3,789.07
MW - 4	04/27/10	3,850.26	61.11	61.70	0.59	3,789.06
MW - 4	05/07/10	3,850.26	61.05	61.42	0.37	3,789.15
MW - 4	05/12/10	3,850.26	61.08	61.38	0.30	3,789.14
MW - 4	05/21/10	3,850.26	61.03	62.39	1.36	3,789.03

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	05/25/10	3,850.26	61.03	61.83	0.80	3,789.11
MW - 4	05/27/10	3,850.26	61.10	61.51	0.41	3,789.10
MW - 4	06/01/10	3,850.26	61.05	61.81	0.76	3,789.10
MW - 4	06/09/10	3,850.26	61.07	61.79	0.72	3,789.08
MW - 4	06/16/10	3,850.26	60.96	62.28	1.32	3,789.10
MW - 4	06/28/10	3,850.26	61.00	62.78	1.78	3,788.99
MW - 4	07/09/10	3,850.26	60.95	62.26	1.31	3,789.11
MW - 4	07/14/10	3,850.26	61.02	62.33	1.31	3,789.04
MW - 4	07/22/10	3,850.26	61.15	61.89	0.74	3,789.00
MW - 4	07/29/10	3,850.26	61.16	61.92	0.76	3,788.99
MW - 4	08/05/10	3,850.26	61.18	61.89	0.71	3,788.97
MW - 4	08/12/10	3,850.26	61.20	61.83	0.63	3,788.97
MW - 4	08/19/10	3,850.26	61.23	61.89	0.66	3,788.93
MW - 4	11/19/10	3,850.26	61.27	61.80	0.53	3,788.91
MW - 4	03/01/11	3,850.26	61.26	61.82	0.56	3,788.92
MW - 4	05/03/11	3,850.26	61.25	70.21	8.96	3,787.67
MW - 4	08/16/11	3,850.26	61.37	68.27	6.90	3,787.86
MW - 4	10/21/11	3,850.26	61.54	68.87	7.33	3,787.62
MW - 4	11/28/11	3,850.26	63.22	63.92	0.70	3,786.94
MW - 4	12/20/11	3,850.26	62.25	62.25	0.00	3,788.01
MW - 4	12/29/11	3,850.26	62.05	62.15	0.10	3,788.20
MW - 4	01/17/12	3,850.26	61.69	64.55	2.86	3,788.14
MW - 4	01/26/12	3,850.26	62.03	62.44	0.41	3,788.17
MW - 4	01/31/12	3,850.26	62.19	62.39	0.20	3,788.04
MW - 4	02/14/12	3,850.26	63.44	65.83	2.39	3,786.46
MW - 4	02/21/12	3,850.26	62.19	62.25	0.06	3,788.06
MW - 4	02/27/12	3,850.26	62.03	62.94	0.91	3,788.09
MW - 4	03/07/12	3,850.26	63.13	65.90	2.77	3,786.71
MW - 4	03/13/12	3,850.26	62.10	64.70	2.60	3,787.77
MW - 4	03/20/12	3,850.26	62.01	64.53	2.52	3,787.87
MW - 4	03/22/12	3,850.26	63.08	63.80	0.72	3,787.07
MW - 4	03/27/12	3,850.26	63.51	65.10	1.59	3,786.51
MW - 4	04/03/12	3,850.26	63.44	65.50	2.06	3,786.51
MW - 4	04/05/12	3,850.26	63.76	64.22	0.46	3,786.43
MW - 4	04/10/12	3,850.26	62.48	64.25	1.77	3,787.51

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	04/12/12	3,850.26	62.54	63.20	0.66	3,787.62
MW - 4	04/17/12	3,850.26	62.29	64.05	1.76	3,787.71
MW - 4	04/19/12	3,850.26	63.53	64.67	1.14	3,786.56
MW - 4	04/26/12	3,850.26	62.94	65.81	2.87	3,786.89
MW - 4	05/08/12	3,850.26	62.95	65.82	2.87	3,786.88
MW - 4	05/29/12	3,850.26	62.25	67.24	4.99	3,787.26
MW - 4	06/07/12	3,850.26	62.25	67.63	5.38	3,787.20
MW - 4	06/12/12	3,850.26	61.90	64.37	2.47	3,787.99
MW - 4	06/19/12	3,850.26	61.91	64.36	2.45	3,787.98
MW - 4	06/26/12	3,850.26	61.92	64.37	2.45	3,787.97
MW - 4	07/03/12	3,850.26	61.92	64.40	2.48	3,787.97
MW - 4	07/10/12	3,850.26	61.94	64.43	2.49	3,787.95
MW - 4	07/17/12	3,850.26	61.39	67.32	5.93	3,787.98
MW - 4	08/14/12	3,850.26	62.33	63.24	0.91	3,787.79
MW - 4	10/09/12	3,850.26	-	65.20	0.00	3,785.06
MW - 4	10/16/12	3,850.26	64.25	64.28	0.03	3,786.01
MW - 4	10/30/12	3,850.26	65.19	65.21	0.02	3,785.07
MW - 4	11/12/12	3,850.26	62.51	63.53	1.02	3,787.60
MW - 4	02/12/13	3,850.26	62.43	63.04	0.61	3,787.74
MW - 4	03/28/13	3,850.26	62.45	62.46	0.01	3,787.81
MW - 4	04/10/13	3,850.26	-	62.96	0.00	3,787.30
MW - 4	05/13/13	3,850.26	-	63.07	0.00	3,787.19
MW - 4	05/24/13	3,850.26	63.11	63.54	0.43	3,787.09
MW - 4	06/26/13	3,850.26	-	64.10	0.00	3,786.16
MW - 4	07/02/13	3,850.26	64.41	64.43	0.02	3,785.85
MW - 4	07/11/13	3,850.26	-	64.34	0.00	3,785.92
MW - 4	07/31/13	3,850.26	63.07	63.18	0.11	3,787.17
MW - 4	08/14/13	3,850.26	-	63.57	0.00	3,786.69
MW - 4	09/30/13	3,850.26	-	63.68	0.00	3,786.58
MW - 4	11/18/13	3,850.26	-	63.46	0.00	3,786.80
MW - 5	10/25/05	3,849.77	-	58.69	0.00	3,791.08
MW - 5	08/25/06	3,849.77	-	59.23	0.00	3,790.54
MW - 5	09/15/06	3,849.77	-	59.29	0.00	3,790.48
MW - 5	09/27/06	3,849.77	-	59.02	0.00	3,790.75

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	09/28/06	3,849.77	-	59.03	0.00	3,790.74
MW - 5	10/06/06	3,849.77	-	59.01	0.00	3,790.76
MW - 5	10/13/06	3,849.77	-	59.00	0.00	3,790.77
MW - 5	11/03/06	3,849.77	-	59.03	0.00	3,790.74
MW - 5	12/01/06	3,849.77	-	59.06	0.00	3,790.71
MW - 5	12/08/06	3,849.77	-	59.09	0.00	3,790.68
MW - 5	12/12/06	3,849.77	-	59.10	0.00	3,790.67
MW - 5	12/15/06	3,849.77	-	59.10	0.00	3,790.67
MW - 5	03/19/07	3,849.77	-	59.28	0.00	3,790.49
MW - 5	05/31/07	3,849.77	-	59.35	0.00	3,790.42
MW - 5	08/29/07	3,849.77	-	59.46	0.00	3,790.31
MW - 5	11/12/07	3,849.77	-	59.59	0.00	3,790.18
MW - 5	02/11/08	3,849.77	-	59.74	0.00	3,790.03
MW - 5	05/12/08	3,849.77	-	59.84	0.00	3,789.93
MW - 5	08/13/08	3,849.77	-	59.98	0.00	3,789.79
MW - 5	11/11/08	3,849.77	-	60.13	0.00	3,789.64
MW - 5	02/09/09	3,849.77	-	60.26	0.00	3,789.51
MW - 5	05/11/09	3,849.77	-	61.40	0.00	3,788.37
MW - 5	08/12/09	3,849.77	-	60.59	0.00	3,789.18
MW - 5	11/24/09	3,849.77	-	60.70	0.00	3,789.07
MW - 5	01/12/10	3,849.77	-	60.76	0.00	3,789.01
MW - 5	02/02/10	3,849.77	-	-	-	-
MW - 5	02/11/10	3,849.77	-	60.82	0.00	3,788.95
MW - 5	05/21/10	3,849.77	61.04	61.28	0.24	3,788.69
MW - 5	05/27/10	3,849.77	60.95	61.21	0.26	3,788.78
MW - 5	08/19/10	3,849.77	60.93	62.00	1.07	3,788.68
MW - 5	09/30/10	3,849.77	61.09	61.75	0.66	3,788.58
MW - 5	10/07/10	3,849.77	61.11	61.74	0.63	3,788.57
MW - 5	10/14/10	3,849.77	61.10	61.72	0.62	3,788.58
MW - 5	10/21/10	3,849.77	61.09	61.70	0.61	3,788.59
MW - 5	10/27/10	3,849.77	61.11	61.68	0.57	3,788.57
MW - 5	11/04/10	3,849.77	61.06	62.57	1.51	3,788.48
MW - 5	11/11/10	3,849.77	61.05	62.35	1.30	3,788.53
MW - 5	11/19/10	3,849.77	60.95	62.07	1.12	3,788.65
MW - 5	12/01/10	3,849.77	61.23	62.18	0.95	3,788.40

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	12/08/10	3,849.77	61.13	62.21	1.08	3,788.48
MW - 5	12/22/10	3,849.77	61.22	62.16	0.94	3,788.41
MW - 5	12/30/10	3,849.77	61.27	62.08	0.81	3,788.38
MW - 5	01/13/11	3,849.77	61.17	62.11	0.94	3,788.46
MW - 5	01/25/11	3,849.77	61.07	62.96	1.89	3,788.42
MW - 5	03/01/11	3,849.77	60.90	62.06	1.16	3,788.70
MW - 5	05/03/11	3,849.77	60.94	64.21	3.27	3,788.34
MW - 5	05/18/11	3,849.77	60.85	61.45	0.60	3,788.83
MW - 5	05/25/11	3,849.77	61.31	62.62	1.31	3,788.26
MW - 5	05/31/11	3,849.77	61.05	62.15	1.10	3,788.56
MW - 5	06/08/11	3,849.77	61.25	62.30	1.05	3,788.36
MW - 5	06/16/11	3,849.77	61.32	62.35	1.03	3,788.30
MW - 5	06/22/11	3,849.77	61.30	62.34	1.04	3,788.31
MW - 5	06/30/11	3,849.77	61.40	62.48	1.08	3,788.21
MW - 5	07/06/11	3,849.77	61.46	62.59	1.13	3,788.14
MW - 5	07/13/11	3,849.77	61.38	62.63	1.25	3,788.20
MW - 5	07/15/11	3,849.77	61.52	62.11	0.59	3,788.16
MW - 5	07/19/11	3,849.77	61.55	61.98	0.43	3,788.16
MW - 5	07/21/11	3,849.77	61.60	61.89	0.29	3,788.13
MW - 5	07/26/11	3,849.77	61.58	61.75	0.17	3,788.16
MW - 5	07/28/11	3,849.77	61.55	62.03	0.48	3,788.15
MW - 5	08/02/11	3,849.77	61.57	61.98	0.41	3,788.14
MW - 5	08/12/11	3,849.77	61.91	61.97	0.06	3,787.85
MW - 5	08/16/11	3,849.77	61.48	62.52	1.04	3,788.13
MW - 5	08/19/11	3,849.77	61.45	62.02	0.57	3,788.23
MW - 5	08/23/11	3,849.77	61.43	67.90	6.47	3,787.37
MW - 5	08/30/11	3,849.77	61.50	62.45	0.95	3,788.13
MW - 5	09/01/11	3,849.77	61.61	62.12	0.51	3,788.08
MW - 5	09/06/11	3,849.77	61.63	62.11	0.48	3,788.07
MW - 5	09/08/11	3,849.77	61.64	62.00	0.36	3,788.08
MW - 5	09/13/11	3,849.77	61.63	62.06	0.43	3,788.08
MW - 5	09/22/11	3,849.77	61.61	62.22	0.61	3,788.07
MW - 5	10/11/11	3,849.77	61.61	62.38	0.77	3,788.04
MW - 5	10/21/11	3,849.77	61.65	62.38	0.73	3,788.01
MW - 5	11/28/11	3,849.77	61.54	63.23	1.69	3,787.98

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	12/20/11	3,849.77	61.43	63.87	2.44	3,787.97
MW - 5	12/29/11	3,849.77	61.69	62.83	1.14	3,787.91
MW - 5	01/17/12	3,849.77	61.71	62.85	1.14	3,787.89
MW - 5	01/26/12	3,849.77	61.79	62.59	0.80	3,787.86
MW - 5	01/31/12	3,849.77	61.86	62.42	0.56	3,787.83
MW - 5	02/14/12	3,849.77	61.80	62.63	0.83	3,787.85
MW - 5	02/21/12	3,849.77	61.73	62.87	1.14	3,787.87
MW - 5	02/27/12	3,849.77	61.91	62.53	0.62	3,787.77
MW - 5	03/07/12	3,849.77	61.90	62.59	0.69	3,787.77
MW - 5	03/13/12	3,849.77	61.91	62.49	0.58	3,787.77
MW - 5	03/20/12	3,849.77	61.91	62.50	0.59	3,787.77
MW - 5	03/22/12	3,849.77	61.98	62.39	0.41	3,787.73
MW - 5	03/27/12	3,849.77	61.94	62.37	0.43	3,787.77
MW - 5	04/03/12	3,849.77	61.93	64.44	2.51	3,787.46
MW - 5	04/05/12	3,849.77	62.00	62.30	0.30	3,787.73
MW - 5	04/10/12	3,849.77	61.98	62.37	0.39	3,787.73
MW - 5	04/12/12	3,849.77	62.00	62.29	0.29	3,787.73
MW - 5	04/17/12	3,849.77	61.98	62.41	0.43	3,787.73
MW - 5	04/19/12	3,849.77	62.01	62.31	0.30	3,787.72
MW - 5	04/26/12	3,849.77	61.96	62.48	0.52	3,787.73
MW - 5	05/08/12	3,849.77	61.97	62.49	0.52	3,787.72
MW - 5	05/29/12	3,849.77	61.76	63.72	1.96	3,787.72
MW - 5	06/07/12	3,849.77	61.72	63.97	2.25	3,787.71
MW - 5	06/12/12	3,849.77	61.93	63.01	1.08	3,787.68
MW - 5	06/19/12	3,849.77	61.94	63.00	1.06	3,787.67
MW - 5	06/26/12	3,849.77	61.95	63.02	1.07	3,787.66
MW - 5	07/03/12	3,849.77	61.95	63.04	1.09	3,787.66
MW - 5	07/10/12	3,849.77	61.97	63.06	1.09	3,787.64
MW - 5	07/17/12	3,849.77	61.73	64.27	2.54	3,787.66
MW - 5	08/14/12	3,849.77	62.21	62.83	0.62	3,787.47
MW - 5	10/09/12	3,849.77	61.56	66.34	4.78	3,787.49
MW - 5	10/16/12	3,849.77	62.18	63.58	1.40	3,787.38
MW - 5	10/30/12	3,849.77	62.66	63.61	0.95	3,786.97
MW - 5	11/12/12	3,849.77	62.26	63.32	1.06	3,787.35
MW - 5	12/14/12	3,849.77	62.16	64.32	2.16	3,787.29

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 34 JUNCTION SOUTH STATION
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NO. 1R-0456

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	02/11/13	3,849.77	62.32	63.63	1.31	3,787.25
MW - 5	03/28/13	3,849.77	62.23	64.88	2.65	3,787.14
MW - 5	04/05/13	3,849.77	62.34	64.74	2.40	3,787.07
MW - 5	04/10/13	3,849.77	62.34	64.73	2.39	3,787.07
MW - 5	04/15/13	3,849.77	62.68	63.20	0.52	3,787.01
MW - 5	04/22/13	3,849.77	62.73	63.18	0.45	3,786.97
MW - 5	04/29/13	3,849.77	62.74	63.12	0.38	3,786.97
MW - 5	05/03/13	3,849.77	62.77	63.12	0.35	3,786.95
MW - 5	05/09/13	3,849.77	62.76	63.09	0.33	3,786.96
MW - 5	05/13/13	3,849.77	62.74	63.14	0.40	3,786.97
MW - 5	05/17/13	3,849.77	62.74	63.24	0.50	3,786.96
MW - 5	05/20/13	3,849.77	62.75	63.06	0.31	3,786.97
MW - 5	05/24/13	3,849.77	62.77	62.98	0.21	3,786.97
MW - 5	05/29/13	3,849.77	62.80	63.05	0.25	3,786.93
MW - 5	05/31/13	3,849.77	62.81	62.99	0.18	3,786.93
MW - 5	06/05/13	3,849.77	62.82	63.05	0.23	3,786.92
MW - 5	06/07/13	3,849.77	62.84	62.99	0.15	3,786.91
MW - 5	06/12/13	3,849.77	62.79	62.98	0.19	3,786.95
MW - 5	06/14/13	3,849.77	62.84	62.97	0.13	3,786.91
MW - 5	06/21/13	3,849.77	62.82	63.17	0.35	3,786.90
MW - 5	06/25/13	3,849.77	62.88	63.14	0.26	3,786.85
MW - 5	06/26/13	3,849.77	62.87	63.04	0.17	3,786.87
MW - 5	07/03/13	3,849.77	62.89	63.17	0.28	3,786.84
MW - 5	07/11/13	3,849.77	62.89	63.25	0.36	3,786.83
MW - 5	07/24/13	3,849.77	62.78	63.20	0.42	3,786.93
MW - 5	07/26/13	3,849.77	62.81	63.07	0.26	3,786.92
MW - 5	07/31/13	3,849.77	62.78	63.12	0.34	3,786.94
MW - 5	08/02/13	3,849.77	62.79	63.03	0.24	3,786.94
MW - 5	08/14/13	3,849.77	62.91	63.38	0.47	3,786.79
MW - 5	08/21/13	3,849.77	62.98	63.36	0.38	3,786.73
MW - 5	08/26/13	3,849.77	63.00	63.36	0.36	3,786.72
MW - 5	08/30/13	3,849.77	62.98	63.24	0.26	3,786.75
MW - 5	09/06/13	3,849.77	62.93	63.19	0.26	3,786.80
MW - 5	09/13/13	3,849.77	63.00	63.18	0.18	3,786.74
MW - 5	09/27/13	3,849.77	63.02	63.40	0.38	3,786.69

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 34 JUNCTION SOUTH STATION
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NO. 1R-0456

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	09/30/13	3,849.77	63.04	63.24	0.20	3,786.70
MW - 5	10/02/13	3,849.77	63.10	63.29	0.19	3,786.64
MW - 5	10/03/13	3,849.77	63.11	63.21	0.10	3,786.65
MW - 5	10/11/13	3,849.77	63.10	63.34	0.24	3,786.63
MW - 5	10/17/13	3,849.77	63.09	63.33	0.24	3,786.64
MW - 5	10/23/13	3,849.77	63.10	63.41	0.31	3,786.62
MW - 5	10/25/13	3,849.77	63.15	63.35	0.20	3,786.59
MW - 5	10/30/13	3,849.77	63.16	63.40	0.24	3,786.57
MW - 5	11/01/13	3,849.77	63.10	63.27	0.17	3,786.64
MW - 5	11/04/13	3,849.77	63.10	63.33	0.23	3,786.64
MW - 5	11/08/13	3,849.77	63.13	63.35	0.22	3,786.61
MW - 5	11/13/13	3,849.77	63.07	63.37	0.30	3,786.66
MW - 5	11/15/13	3,849.77	63.11	63.47	0.36	3,786.61
MW - 5	11/18/13	3,849.77	63.12	63.40	0.28	3,786.61
MW - 5	12/12/13	3,849.77	62.95	63.73	0.78	3,786.70
MW - 5	12/16/13	3,849.77	62.99	63.56	0.57	3,786.69
MW - 5	12/18/13	3,849.77	63.04	63.38	0.34	3,786.68
MW - 5	12/23/13	3,849.77	63.07	63.39	0.32	3,786.65
MW - 6	08/25/06	3,851.10	-	59.41	0.00	3,791.69
MW - 6	09/15/06	3,851.10	-	59.48	0.00	3,791.62
MW - 6	09/27/06	3,851.10	-	59.42	0.00	3,791.68
MW - 6	09/28/06	3,851.10	-	59.41	0.00	3,791.69
MW - 6	10/06/06	3,851.10	-	59.41	0.00	3,791.69
MW - 6	10/13/06	3,851.10	-	58.42	0.00	3,792.68
MW - 6	11/03/06	3,851.10	-	59.47	0.00	3,791.63
MW - 6	12/01/06	3,851.10	-	59.46	0.00	3,791.64
MW - 6	12/08/06	3,851.10	-	59.46	0.00	3,791.64
MW - 6	12/12/06	3,851.10	-	59.49	0.00	3,791.61
MW - 6	12/15/06	3,851.10	-	59.51	0.00	3,791.59
MW - 6	03/19/07	3,851.10	-	59.60	0.00	3,791.50
MW - 6	05/31/07	3,851.10	-	59.74	0.00	3,791.36
MW - 6	08/29/07	3,851.10	-	59.86	0.00	3,791.24
MW - 6	11/12/07	3,851.10	-	59.96	0.00	3,791.14
MW - 6	02/11/08	3,851.10	-	60.08	0.00	3,791.02

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 34 JUNCTION SOUTH STATION
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NO. 1R-0456

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	05/12/08	3,851.10	-	60.21	0.00	3,790.89
MW - 6	08/13/08	3,851.10	-	60.37	0.00	3,790.73
MW - 6	11/11/08	3,851.10	-	60.50	0.00	3,790.60
MW - 6	02/09/09	3,851.10	-	60.62	0.00	3,790.48
MW - 6	05/11/09	3,851.10	-	60.79	0.00	3,790.31
MW - 6	08/12/09	3,851.10	-	60.94	0.00	3,790.16
MW - 6	11/24/09	3,851.10	-	61.09	0.00	3,790.01
MW - 6	01/12/10	3,851.10	-	61.18	0.00	3,789.92
MW - 6	02/11/10	3,851.10	-	61.20	0.00	3,789.90
MW - 6	05/21/10	3,851.10	-	61.22	0.00	3,789.88
MW - 6	08/19/10	3,851.10	-	61.51	0.00	3,789.59
MW - 6	11/19/10	3,851.10	-	61.53	0.00	3,789.57
MW - 6	03/01/11	3,851.10	-	61.50	0.00	3,789.60
MW - 6	05/03/11	3,851.10	-	61.88	0.00	3,789.22
MW - 6	08/16/11	3,851.10	-	62.04	0.00	3,789.06
MW - 6	11/28/11	3,851.10	-	62.20	0.00	3,788.90
MW - 6	02/27/12	3,851.10	-	62.36	0.00	3,788.74
MW - 6	05/29/12	3,851.10	-	62.44	0.00	3,788.66
MW - 6	08/14/12	3,851.10	-	62.66	0.00	3,788.44
MW - 6	11/12/12	3,851.10	-	62.71	0.00	3,788.39
MW - 6	02/11/13	3,851.10	-	62.89	0.00	3,788.21
MW - 6	03/28/13	3,851.10	-	63.05	0.00	3,788.05
MW - 6	04/10/13	3,851.10	-	63.07	0.00	3,788.03
MW - 6	05/13/13	3,851.10	-	63.14	0.00	3,787.96
MW - 6	06/26/13	3,851.10	-	63.19	0.00	3,787.91
MW - 6	07/31/13	3,851.10	-	63.14	0.00	3,787.96
MW - 6	08/14/13	3,851.10	-	63.30	0.00	3,787.80
MW - 6	09/30/13	3,851.10	-	63.36	0.00	3,787.74
MW - 6	11/18/13	3,851.10	-	63.47	0.00	3,787.63
MW - 7	08/25/06	3,847.03	-	55.79	0.00	3,791.24
MW - 7	09/15/06	3,847.03	-	55.86	0.00	3,791.17
MW - 7	09/28/06	3,847.03	-	55.78	0.00	3,791.25
MW - 7	10/06/06	3,847.03	-	55.82	0.00	3,791.21
MW - 7	10/13/06	3,847.03	-	55.81	0.00	3,791.22

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	11/03/06	3,847.03	-	55.81	0.00	3,791.22
MW - 7	12/01/06	3,847.03	-	55.82	0.00	3,791.21
MW - 7	12/08/06	3,847.03	-	55.84	0.00	3,791.19
MW - 7	12/12/06	3,847.03	-	55.86	0.00	3,791.17
MW - 7	12/15/06	3,847.03	-	55.85	0.00	3,791.18
MW - 7	03/19/07	3,847.03	-	56.00	0.00	3,791.03
MW - 7	05/31/07	3,847.03	-	56.13	0.00	3,790.90
MW - 7	08/29/07	3,847.03	-	56.26	0.00	3,790.77
MW - 7	11/12/07	3,847.03	-	56.37	0.00	3,790.66
MW - 7	02/11/08	3,847.03	-	56.46	0.00	3,790.57
MW - 7	05/12/08	3,847.03	-	56.59	0.00	3,790.44
MW - 7	08/13/08	3,847.03	-	56.78	0.00	3,790.25
MW - 7	11/11/08	3,847.03	-	56.90	0.00	3,790.13
MW - 7	02/09/09	3,847.03	-	57.00	0.00	3,790.03
MW - 7	05/11/09	3,847.03	-	57.17	0.00	3,789.86
MW - 7	08/12/09	3,847.03	-	57.29	0.00	3,789.74
MW - 7	11/24/09	3,847.03	-	57.46	0.00	3,789.57
MW - 7	01/12/10	3,847.03	-	57.58	0.00	3,789.45
MW - 7	02/11/10	3,847.03	-	57.63	0.00	3,789.40
MW - 7	05/21/10	3,847.03	-	57.67	0.00	3,789.36
MW - 7	08/19/10	3,847.03	-	57.86	0.00	3,789.17
MW - 7	11/19/10	3,847.03	-	57.34	0.00	3,789.69
MW - 7	03/01/11	3,847.03	-	57.34	0.00	3,789.69
MW - 7	05/03/11	3,847.03	-	58.29	0.00	3,788.74
MW - 7	08/16/11	3,847.03	-	58.45	0.00	3,788.58
MW - 7	11/28/11	3,847.03	-	58.59	0.00	3,788.44
MW - 7	02/27/12	3,847.03	-	58.75	0.00	3,788.28
MW - 7	05/29/12	3,847.03	-	58.54	0.00	3,788.49
MW - 7	08/14/12	3,847.03	-	59.06	0.00	3,787.97
MW - 7	11/12/12	3,847.03	-	59.15	0.00	3,787.88
MW - 7	02/11/13	3,847.03	-	59.18	0.00	3,787.85
MW - 7	03/28/13	3,847.03	-	59.43	0.00	3,787.60
MW - 7	04/10/13	3,847.03	-	59.52	0.00	3,787.51
MW - 7	05/13/13	3,847.03	-	59.53	0.00	3,787.50
MW - 7	05/24/13	3,847.03	-	59.53	0.00	3,787.50

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 34 JUNCTION SOUTH STATION
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NO. 1R-0456

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	06/26/13	3,847.03	-	59.64	0.00	3,787.39
MW - 7	07/31/13	3,847.03	-	59.52	0.00	3,787.51
MW - 7	08/14/13	3,847.03	-	59.70	0.00	3,787.33
MW - 7	09/30/13	3,847.03	-	59.77	0.00	3,787.26
MW - 7	11/18/13	3,847.03	-	59.88	0.00	3,787.15
MW - 8	06/21/06	3,851.00	59.37	59.38	0.01	3,791.63
MW - 8	06/29/06	3,851.00	59.37	59.38	0.01	3,791.63
MW - 8	06/30/06	3,851.00	59.37	59.38	0.01	3,791.63
MW - 8	07/03/06	3,851.00	59.37	59.38	0.01	3,791.63
MW - 8	07/05/06	3,851.00	59.37	59.38	0.01	3,791.63
MW - 8	07/07/06	3,851.00	59.37	59.38	0.01	3,791.63
MW - 8	07/10/06	3,851.00	59.37	59.38	0.01	3,791.63
MW - 8	07/11/06	3,851.00	59.39	59.40	0.01	3,791.61
MW - 8	07/12/06	3,851.00	59.39	59.40	0.01	3,791.61
MW - 8	07/14/06	3,851.00	59.41	59.42	0.01	3,791.59
MW - 8	07/17/06	3,851.00	59.41	59.42	0.01	3,791.59
MW - 8	07/19/06	3,851.00	59.40	59.41	0.01	3,791.60
MW - 8	07/21/06	3,851.00	59.40	59.41	0.01	3,791.60
MW - 8	07/24/06	3,851.00	59.40	59.41	0.01	3,791.60
MW - 8	07/26/06	3,851.00	59.41	59.43	0.02	3,791.59
MW - 8	07/28/06	3,851.00	59.41	59.43	0.02	3,791.59
MW - 8	08/01/06	3,851.00	59.41	59.43	0.02	3,791.59
MW - 8	08/02/06	3,851.00	59.42	59.45	0.03	3,791.58
MW - 8	08/04/06	3,851.00	59.42	59.44	0.02	3,791.58
MW - 8	08/07/06	3,851.00	59.42	59.45	0.03	3,791.58
MW - 8	08/09/06	3,851.00	59.42	59.45	0.03	3,791.58
MW - 8	08/10/06	3,851.00	59.42	59.45	0.03	3,791.58
MW - 8	08/14/06	3,851.00	59.43	59.47	0.04	3,791.56
MW - 8	08/17/06	3,851.00	59.43	59.48	0.05	3,791.56
MW - 8	08/18/06	3,851.00	59.43	59.47	0.04	3,791.56
MW - 8	08/25/06	3,851.00	-	59.59	0.00	3,791.41
MW - 8	09/15/06	3,851.00	-	59.61	0.00	3,791.39
MW - 8	09/27/06	3,851.00	-	59.60	0.00	3,791.40
MW - 8	09/28/06	3,851.00	-	59.50	0.00	3,791.50

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 8	10/06/06	3,851.00	-	59.41	0.00	3,791.59
MW - 8	10/25/06	3,851.00	59.43	59.53	0.10	3,791.56
MW - 8	10/27/06	3,851.00	-	59.53	0.00	3,791.47
MW - 8	10/30/06	3,851.00	-	59.49	0.00	3,791.51
MW - 8	11/01/06	3,851.00	-	59.47	0.00	3,791.53
MW - 8	11/03/06	3,851.00	-	59.50	0.00	3,791.50
MW - 8	11/06/06	3,851.00	-	59.51	0.00	3,791.49
MW - 8	11/08/06	3,851.00	59.46	59.49	0.03	3,791.54
MW - 8	11/10/06	3,851.00	59.48	59.54	0.06	3,791.51
MW - 8	11/13/06	3,851.00	-	59.50	0.00	3,791.50
MW - 8	11/15/06	3,851.00	-	59.54	0.00	3,791.46
MW - 8	11/17/06	3,851.00	-	59.54	0.00	3,791.46
MW - 8	11/20/06	3,851.00	-	59.56	0.00	3,791.44
MW - 8	11/22/06	3,851.00	-	59.54	0.00	3,791.46
MW - 8	11/27/06	3,851.00	59.53	59.55	0.02	3,791.47
MW - 8	11/29/06	3,851.00	-	59.55	0.00	3,791.45
MW - 8	12/01/06	3,851.00	-	59.56	0.00	3,791.44
MW - 8	12/04/06	3,851.00	-	59.63	0.00	3,791.37
MW - 8	12/06/06	3,851.00	-	59.59	0.00	3,791.41
MW - 8	12/08/06	3,851.00	59.50	59.57	0.07	3,791.49
MW - 8	12/12/06	3,851.00	59.50	59.68	0.18	3,791.47
MW - 8	12/15/06	3,851.00	59.48	59.72	0.24	3,791.48
MW - 8	12/18/06	3,851.00	59.48	59.79	0.31	3,791.47
MW - 8	01/10/07	3,851.00	59.20	59.56	0.36	3,791.75
MW - 8	01/12/07	3,851.00	59.76	60.02	0.26	3,791.20
MW - 8	01/16/07	3,851.00	59.74	60.08	0.34	3,791.21
MW - 8	01/25/07	3,851.00	59.52	60.01	0.49	3,791.41
MW - 8	01/26/07	3,851.00	-	59.71	0.00	3,791.29
MW - 8	01/29/07	3,851.00	-	59.72	0.00	3,791.28
MW - 8	02/01/07	3,851.00	-	59.65	0.00	3,791.35
MW - 8	02/06/07	3,851.00	-	59.78	0.00	3,791.22
MW - 8	02/09/07	3,851.00	-	59.76	0.00	3,791.24
MW - 8	02/13/07	3,851.00	59.62	59.69	0.07	3,791.37
MW - 8	02/16/07	3,851.00	-	59.65	0.00	3,791.35
MW - 8	02/20/07	3,851.00	59.59	59.76	0.17	3,791.38

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 8	02/28/07	3,851.00	59.60	59.89	0.29	3,791.36
MW - 8	03/02/07	3,851.00	59.62	59.78	0.16	3,791.36
MW - 8	03/06/07	3,851.00	59.61	59.85	0.24	3,791.35
MW - 8	03/14/07	3,851.00	59.62	59.89	0.27	3,791.34
MW - 8	03/19/07	3,851.00	59.60	59.97	0.37	3,791.34
MW - 8	03/19/07	3,851.00	59.60	59.97	0.37	3,791.34
MW - 8	04/02/07	3,851.00	59.62	60.02	0.40	3,791.32
MW - 8	04/09/07	3,851.00	59.61	60.09	0.48	3,791.32
MW - 8	04/16/07	3,851.00	59.62	59.99	0.37	3,791.32
MW - 8	04/24/07	3,851.00	59.61	60.09	0.48	3,791.32
MW - 8	04/30/07	3,851.00	59.64	60.07	0.43	3,791.30
MW - 8	05/04/07	3,851.00	59.68	59.92	0.24	3,791.28
MW - 8	05/11/07	3,851.00	59.65	60.10	0.45	3,791.28
MW - 8	05/16/07	3,851.00	59.67	60.11	0.44	3,791.26
MW - 8	05/18/07	3,851.00	59.74	59.90	0.16	3,791.24
MW - 8	05/31/07	3,851.00	59.63	60.38	0.75	3,791.26
MW - 8	06/05/07	3,851.00	59.59	60.57	0.98	3,791.26
MW - 8	06/07/07	3,851.00	59.58	60.65	1.07	3,791.26
MW - 8	06/11/07	3,851.00	59.72	60.00	0.28	3,791.24
MW - 8	06/13/07	3,851.00	59.76	59.93	0.17	3,791.21
MW - 8	06/18/07	3,851.00	59.74	60.05	0.31	3,791.21
MW - 8	06/21/07	3,851.00	59.75	60.01	0.26	3,791.21
MW - 8	07/02/07	3,851.00	59.74	60.15	0.41	3,791.20
MW - 8	07/06/07	3,851.00	59.70	60.29	0.59	3,791.21
MW - 8	07/13/07	3,851.00	59.67	60.57	0.90	3,791.20
MW - 8	07/17/07	3,851.00	59.78	60.06	0.28	3,791.18
MW - 8	07/25/07	3,851.00	59.76	60.18	0.42	3,791.18
MW - 8	07/30/07	3,851.00	59.78	60.11	0.33	3,791.17
MW - 8	08/06/07	3,851.00	59.77	60.19	0.42	3,791.17
MW - 8	08/09/07	3,851.00	59.82	60.06	0.24	3,791.14
MW - 8	08/13/07	3,851.00	59.81	60.12	0.31	3,791.14
MW - 8	08/15/07	3,851.00	59.83	60.04	0.21	3,791.14
MW - 8	08/24/07	3,851.00	59.85	60.07	0.22	3,791.12
MW - 8	08/29/07	3,851.00	59.83	60.11	0.28	3,791.13
MW - 8	09/17/07	3,851.00	59.81	60.40	0.59	3,791.10

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 8	09/19/07	3,851.00	59.91	60.09	0.18	3,791.06
MW - 8	09/25/07	3,851.00	59.87	60.19	0.32	3,791.08
MW - 8	09/27/07	3,851.00	59.92	60.03	0.11	3,791.06
MW - 8	10/03/07	3,851.00	-	60.04	0.00	3,790.96
MW - 8	10/10/07	3,851.00	-	60.29	0.00	3,790.71
MW - 8	10/12/07	3,851.00	-	60.16	0.00	3,790.84
MW - 8	10/16/07	3,851.00	-	60.18	0.00	3,790.82
MW - 8	10/23/07	3,851.00	-	60.20	0.00	3,790.80
MW - 8	10/26/07	3,851.00	-	60.20	0.00	3,790.80
MW - 8	10/29/07	3,851.00	-	60.17	0.00	3,790.83
MW - 8	11/12/07	3,851.00	-	60.72	0.00	3,790.28
MW - 8	11/14/07	3,851.00	60.58	60.61	0.03	3,790.42
MW - 8	11/16/07	3,851.00	-	60.24	0.00	3,790.76
MW - 8	11/21/07	3,851.00	-	58.42	0.00	3,792.58
MW - 8	11/28/07	3,851.00	-	60.25	0.00	3,790.75
MW - 8	11/30/07	3,851.00	-	60.17	0.00	3,790.83
MW - 8	12/13/07	3,851.00	-	60.32	0.00	3,790.68
MW - 8	01/04/08	3,851.00	60.30	60.49	0.19	3,790.67
MW - 8	01/10/08	3,851.00	60.23	60.24	0.01	3,790.77
MW - 8	01/16/08	3,851.00	60.06	60.30	0.24	3,790.90
MW - 8	01/18/08	3,851.00	60.10	60.17	0.07	3,790.89
MW - 8	01/22/08	3,851.00	60.09	60.23	0.14	3,790.89
MW - 8	02/07/08	3,851.00	60.36	60.51	0.15	3,790.62
MW - 8	02/11/08	3,851.00	60.10	60.28	0.18	3,790.87
MW - 8	02/20/08	3,851.00	60.06	60.44	0.38	3,790.88
MW - 8	02/27/08	3,851.00	60.10	60.44	0.34	3,790.85
MW - 8	03/13/08	3,851.00	60.06	60.74	0.68	3,790.84
MW - 8	03/20/08	3,851.00	60.11	60.47	0.36	3,790.84
MW - 8	03/22/08	3,851.00	60.12	60.46	0.34	3,790.83
MW - 8	04/03/08	3,851.00	60.10	60.64	0.54	3,790.82
MW - 8	04/09/08	3,851.00	60.17	60.47	0.30	3,790.79
MW - 8	04/16/08	3,851.00	60.15	60.53	0.38	3,790.79
MW - 8	04/23/08	3,851.00	60.15	60.58	0.43	3,790.79
MW - 8	05/01/08	3,851.00	60.14	60.73	0.59	3,790.77
MW - 8	05/12/08	3,851.00	60.16	60.76	0.60	3,790.75

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 8	05/29/08	3,851.00	60.20	60.67	0.47	3,790.73
MW - 8	06/06/08	3,851.00	60.21	60.72	0.51	3,790.71
MW - 8	06/11/08	3,851.00	60.24	60.58	0.34	3,790.71
MW - 8	06/18/08	3,851.00	60.23	60.66	0.43	3,790.71
MW - 8	06/24/08	3,851.00	60.26	60.64	0.38	3,790.68
MW - 8	07/01/08	3,851.00	60.25	60.68	0.43	3,790.69
MW - 8	07/15/08	3,851.00	60.31	60.62	0.31	3,790.64
MW - 8	07/23/08	3,851.00	60.28	60.73	0.45	3,790.65
MW - 8	08/02/08	3,851.00	60.31	60.80	0.49	3,790.62
MW - 8	08/13/08	3,851.00	60.27	61.01	0.74	3,790.62
MW - 8	08/13/08	3,851.00	60.27	61.01	0.74	3,790.62
MW - 8	09/11/08	3,851.00	60.24	61.33	1.09	3,790.60
MW - 8	09/22/08	3,851.00	60.34	60.99	0.65	3,790.56
MW - 8	10/02/08	3,851.00	60.39	60.94	0.55	3,790.53
MW - 8	10/09/08	3,851.00	60.45	60.89	0.44	3,790.48
MW - 8	10/17/08	3,851.00	60.43	60.79	0.36	3,790.52
MW - 8	10/21/08	3,851.00	60.45	60.79	0.34	3,790.50
MW - 8	11/11/08	3,851.00	60.47	60.90	0.43	3,790.47
MW - 8	01/07/09	3,851.00	60.43	61.60	1.17	3,790.39
MW - 8	01/14/09	3,851.00	59.49	61.20	1.71	3,791.25
MW - 8	01/21/09	3,851.00	59.49	60.27	0.78	3,791.39
MW - 8	01/23/09	3,851.00	60.56	61.04	0.48	3,790.37
MW - 8	01/30/09	3,851.00	60.48	61.41	0.93	3,790.38
MW - 8	02/09/09	3,851.00	60.61	61.10	0.49	3,790.32
MW - 8	02/19/09	3,851.00	60.50	61.65	1.15	3,790.33
MW - 8	03/04/09	3,851.00	60.54	61.59	1.05	3,790.30
MW - 8	03/08/09	3,851.00	60.96	61.50	0.54	3,789.96
MW - 8	03/11/09	3,851.00	60.63	61.20	0.57	3,790.28
MW - 8	03/17/09	3,851.00	60.78	61.15	0.37	3,790.16
MW - 8	03/19/09	3,851.00	60.63	61.32	0.69	3,790.27
MW - 8	03/24/09	3,851.00	60.68	61.60	0.92	3,790.18
MW - 8	03/26/09	3,851.00	60.62	60.98	0.36	3,790.33
MW - 8	04/03/09	3,851.00	60.61	61.45	0.84	3,790.26
MW - 8	04/08/09	3,851.00	60.62	61.42	0.80	3,790.26
MW - 8	04/15/09	3,851.00	60.48	62.24	1.76	3,790.26

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 8	04/17/09	3,851.00	60.60	61.37	0.77	3,790.28
MW - 8	04/21/09	3,851.00	60.61	61.35	0.74	3,790.28
MW - 8	04/24/09	3,851.00	60.39	62.70	2.31	3,790.26
MW - 8	04/29/09	3,851.00	60.68	61.35	0.67	3,790.22
MW - 8	05/06/09	3,851.00	60.68	61.42	0.74	3,790.21
MW - 8	05/11/09	3,851.00	60.74	61.22	0.48	3,790.19
MW - 8	05/14/09	3,851.00	60.74	61.22	0.48	3,790.19
MW - 8	05/28/09	3,851.00	60.52	62.30	1.78	3,790.21
MW - 8	06/02/09	3,851.00	60.74	61.30	0.56	3,790.18
MW - 8	06/09/09	3,851.00	60.74	61.41	0.67	3,790.16
MW - 8	06/16/09	3,851.00	60.74	61.52	0.78	3,790.14
MW - 8	06/22/09	3,851.00	60.77	61.44	0.67	3,790.13
MW - 8	06/30/09	3,851.00	60.76	61.60	0.84	3,790.11
MW - 8	07/06/09	3,851.00	60.70	61.39	0.69	3,790.20
MW - 8	07/10/09	3,851.00	60.78	61.75	0.97	3,790.07
MW - 8	07/13/09	3,851.00	60.91	61.23	0.32	3,790.04
MW - 8	07/17/09	3,851.00	60.29	60.64	0.35	3,790.66
MW - 8	07/20/09	3,851.00	60.81	61.46	0.65	3,790.09
MW - 8	07/28/09	3,851.00	60.25	61.82	1.57	3,790.51
MW - 8	07/30/09	3,851.00	60.79	61.74	0.95	3,790.07
MW - 8	08/04/09	3,851.00	60.85	61.43	0.58	3,790.06
MW - 8	08/12/09	3,851.00	60.89	61.62	0.73	3,790.00
MW - 8	08/20/09	3,851.00	60.84	61.69	0.85	3,790.03
MW - 8	08/26/09	3,851.00	60.80	61.80	1.00	3,790.05
MW - 8	09/02/09	3,851.00	60.86	61.70	0.84	3,790.01
MW - 8	09/09/09	3,851.00	60.89	61.70	0.81	3,789.99
MW - 8	09/14/09	3,851.00	60.92	61.44	0.52	3,790.00
MW - 8	09/21/09	3,851.00	60.88	61.76	0.88	3,789.99
MW - 8	10/01/09	3,851.00	60.90	61.93	1.03	3,789.95
MW - 8	10/08/09	3,851.00	60.95	61.76	0.81	3,789.93
MW - 8	10/16/09	3,851.00	61.00	61.91	0.91	3,789.86
MW - 8	10/20/09	3,851.00	61.02	61.89	0.87	3,789.85
MW - 8	10/27/09	3,851.00	61.03	61.88	0.85	3,789.84
MW - 8	10/30/09	3,851.00	60.86	62.22	1.36	3,789.94
MW - 8	11/06/09	3,851.00	60.93	61.72	0.79	3,789.95

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 8	11/11/09	3,851.00	60.99	61.55	0.56	3,789.93
MW - 8	11/18/09	3,851.00	60.98	61.65	0.67	3,789.92
MW - 8	11/24/09	3,851.00	60.92	62.13	1.21	3,789.90
MW - 8	12/02/09	3,851.00	60.97	61.81	0.84	3,789.90
MW - 8	12/10/09	3,851.00	60.85	61.84	0.99	3,790.00
MW - 8	12/17/09	3,851.00	61.09	61.88	0.79	3,789.79
MW - 8	12/21/09	3,851.00	61.03	61.81	0.78	3,789.85
MW - 8	12/30/09	3,851.00	61.02	62.29	1.27	3,789.79
MW - 8	01/12/10	3,851.00	61.02	62.34	1.32	3,789.78
MW - 8	01/18/10	3,851.00	61.05	61.79	0.74	3,789.84
MW - 8	02/02/10	3,851.00	60.87	62.83	1.96	3,789.84
MW - 8	02/11/10	3,851.00	61.05	62.18	1.13	3,789.78
MW - 8	02/18/10	3,851.00	60.94	62.64	1.70	3,789.81
MW - 8	02/25/10	3,851.00	61.18	62.07	0.89	3,789.69
MW - 8	03/02/10	3,851.00	61.26	61.80	0.54	3,789.66
MW - 8	03/04/10	3,851.00	61.21	61.46	0.25	3,789.75
MW - 8	03/10/10	3,851.00	61.14	61.93	0.79	3,789.74
MW - 8	03/12/10	3,851.00	61.32	61.60	0.28	3,789.64
MW - 8	03/15/10	3,851.00	61.21	61.73	0.52	3,789.71
MW - 8	03/18/10	3,851.00	61.17	61.90	0.73	3,789.72
MW - 8	03/22/10	3,851.00	62.10	61.21	-0.89	3,789.03
MW - 8	03/24/10	3,851.00	61.38	61.61	0.23	3,789.59
MW - 8	03/30/10	3,851.00	61.29	61.88	0.59	3,789.62
MW - 8	04/07/10	3,851.00	61.29	62.09	0.80	3,789.59
MW - 8	04/12/10	3,851.00	61.24	61.77	0.53	3,789.68
MW - 8	04/15/10	3,851.00	61.25	61.76	0.51	3,789.67
MW - 8	04/20/10	3,851.00	61.26	62.14	0.88	3,789.61
MW - 8	04/27/10	3,851.00	61.31	62.02	0.71	3,789.58
MW - 8	05/07/10	3,851.00	61.27	61.74	0.47	3,789.66
MW - 8	05/12/10	3,851.00	61.29	61.72	0.43	3,789.65
MW - 8	05/20/10	3,851.00	61.15	62.99	1.84	3,789.57
MW - 8	05/21/10	3,851.00	61.15	62.99	1.84	3,789.57
MW - 8	05/25/10	3,851.00	61.05	63.05	2.00	3,789.65
MW - 8	05/27/10	3,851.00	61.33	61.74	0.41	3,789.61
MW - 8	06/01/10	3,851.00	61.06	63.03	1.97	3,789.64

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 8	06/09/10	3,851.00	61.08	63.04	1.96	3,789.63
MW - 8	06/16/10	3,851.00	61.07	63.13	2.06	3,789.62
MW - 8	06/28/10	3,851.00	61.15	63.20	2.05	3,789.54
MW - 8	07/09/10	3,851.00	61.09	63.11	2.02	3,789.61
MW - 8	07/14/10	3,851.00	61.16	62.94	1.78	3,789.57
MW - 8	07/22/10	3,851.00	61.31	62.26	0.95	3,789.55
MW - 8	07/29/10	3,851.00	61.29	62.72	1.43	3,789.50
MW - 8	08/05/10	3,851.00	61.38	62.10	0.72	3,789.51
MW - 8	08/12/10	3,851.00	61.40	62.11	0.71	3,789.49
MW - 8	08/19/10	3,851.00	61.39	62.10	0.71	3,789.50
MW - 8	11/19/10	3,851.00	61.37	62.05	0.68	3,789.53
MW - 8	03/01/11	3,851.00	61.37	62.11	0.74	3,789.52
MW - 8	05/03/11	3,851.00	62.15	65.68	3.53	3,788.32
MW - 8	08/16/11	3,851.00	61.21	67.99	6.78	3,788.77
MW - 8	10/21/11	3,851.00	61.18	66.71	5.53	3,788.99
MW - 8	11/28/11	3,851.00	63.03	63.87	0.84	3,787.84
MW - 8	12/20/11	3,851.00	62.01	63.04	1.03	3,788.84
MW - 8	12/29/11	3,851.00	62.08	63.51	1.43	3,788.71
MW - 8	01/17/12	3,851.00	61.31	68.04	6.73	3,788.68
MW - 8	01/26/12	3,851.00	61.95	64.11	2.16	3,788.73
MW - 8	01/31/12	3,851.00	66.06	66.15	0.09	3,784.93
MW - 8	02/21/12	3,851.00	61.79	64.91	3.12	3,788.74
MW - 8	02/27/12	3,851.00	61.78	62.98	1.20	3,789.04
MW - 8	03/07/12	3,851.00	61.69	65.73	4.04	3,788.70
MW - 8	03/13/12	3,851.00	61.63	65.97	4.34	3,788.72
MW - 8	03/20/12	3,851.00	61.75	65.80	4.05	3,788.64
MW - 8	03/22/12	3,851.00	62.50	62.96	0.46	3,788.43
MW - 8	03/27/12	3,851.00	62.31	63.97	1.66	3,788.44
MW - 8	04/03/12	3,851.00	62.23	63.42	1.19	3,788.59
MW - 8	04/05/12	3,851.00	62.23	63.57	1.34	3,788.57
MW - 8	04/10/12	3,851.00	62.15	63.91	1.76	3,788.59
MW - 8	04/12/12	3,851.00	62.49	64.31	1.82	3,788.24
MW - 8	04/17/12	3,851.00	62.30	64.63	2.33	3,788.35
MW - 8	04/19/12	3,851.00	61.99	64.48	2.49	3,788.64
MW - 8	04/26/12	3,851.00	61.94	64.96	3.02	3,788.61

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 34 JUNCTION SOUTH STATION
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NO. 1R-0456

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 8	05/08/12	3,851.00	61.95	64.97	3.02	3,788.60
MW - 8	05/29/12	3,851.00	62.00	66.32	4.32	3,788.35
MW - 8	06/12/12	3,851.00	61.60	66.74	5.14	3,788.63
MW - 8	06/19/12	3,851.00	61.60	66.73	5.13	3,788.63
MW - 8	06/26/12	3,851.00	61.62	66.74	5.12	3,788.61
MW - 8	07/03/12	3,851.00	61.62	66.77	5.15	3,788.61
MW - 8	07/10/12	3,851.00	61.64	66.79	5.15	3,788.59
MW - 8	07/17/12	3,851.00	61.57	67.38	5.81	3,788.56
MW - 8	08/14/12	3,851.00	62.08	63.28	1.20	3,788.74
MW - 8	10/09/12	3,851.00	62.95	63.17	0.22	3,788.02
MW - 8	10/16/12	3,851.00	62.90	62.93	0.03	3,788.10
MW - 8	10/30/12	3,851.00	69.16	69.17	0.01	3,781.84
MW - 8	11/12/12	3,851.00	62.81	62.89	0.08	3,788.18
MW - 8	02/11/13	3,851.00	62.84	63.38	0.54	3,788.08
MW - 8	03/28/13	3,851.00	63.05	63.66	0.61	3,787.86
MW - 8	04/10/13	3,851.00	63.10	63.59	0.49	3,787.83
MW - 8	05/13/13	3,851.00	63.20	63.45	0.25	3,787.76
MW - 8	05/24/13	3,851.00	63.16	63.53	0.37	3,787.78
MW - 8	06/26/13	3,851.00	63.25	63.64	0.39	3,787.69
MW - 8	07/11/13	3,851.00	63.91	64.28	0.37	3,787.03
MW - 8	07/31/13	3,851.00	63.19	63.28	0.09	3,787.80
MW - 8	08/14/13	3,851.00	-	63.46	0.00	3,787.54
MW - 8	09/30/13	3,851.00	-	63.47	0.00	3,787.53
MW - 8	11/18/13	3,851.00	-	63.56	0.00	3,787.44
MW - 9	09/15/06	3,851.04	-	59.90	0.00	3,791.14
MW - 9	09/18/06	3,851.04	59.89	60.08	0.19	3,791.12
MW - 9	09/21/06	3,851.04	58.85	60.24	1.39	3,791.98
MW - 9	09/26/06	3,851.04	59.72	60.72	1.00	3,791.17
MW - 9	09/27/06	3,851.04	59.80	60.37	0.57	3,791.15
MW - 9	09/28/06	3,851.04	59.75	60.30	0.55	3,791.21
MW - 9	10/02/06	3,851.04	59.71	60.77	1.06	3,791.17
MW - 9	10/04/06	3,851.04	59.76	60.63	0.87	3,791.15
MW - 9	10/06/06	3,851.04	59.74	60.66	0.92	3,791.16
MW - 9	10/09/06	3,851.04	59.64	61.22	1.58	3,791.16

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 9	10/11/06	3,851.04	59.68	60.95	1.27	3,791.17
MW - 9	10/16/06	3,851.04	59.50	61.82	2.32	3,791.19
MW - 9	10/18/06	3,851.04	58.67	61.14	2.47	3,792.00
MW - 9	10/20/06	3,851.04	59.70	61.07	1.37	3,791.13
MW - 9	10/23/06	3,851.04	59.59	61.53	1.94	3,791.16
MW - 9	10/25/06	3,851.04	59.67	61.11	1.44	3,791.15
MW - 9	10/27/06	3,851.04	59.49	62.04	2.55	3,791.17
MW - 9	10/30/06	3,851.04	59.55	61.64	2.09	3,791.18
MW - 9	11/01/06	3,851.04	59.70	61.01	1.31	3,791.14
MW - 9	11/03/06	3,851.04	59.72	61.03	1.31	3,791.12
MW - 9	11/06/06	3,851.04	59.56	61.72	2.16	3,791.16
MW - 9	11/08/06	3,851.04	59.36	62.61	3.25	3,791.19
MW - 9	11/10/06	3,851.04	59.70	61.21	1.51	3,791.11
MW - 9	11/13/06	3,851.04	59.52	61.80	2.28	3,791.18
MW - 9	11/15/06	3,851.04	59.69	61.27	1.58	3,791.11
MW - 9	11/17/06	3,851.04	59.71	61.22	1.51	3,791.10
MW - 9	11/20/06	3,851.04	59.56	61.85	2.29	3,791.14
MW - 9	11/22/06	3,851.04	59.70	61.36	1.66	3,791.09
MW - 9	11/27/06	3,851.04	59.15	63.63	4.48	3,791.22
MW - 9	11/29/06	3,851.04	59.69	61.39	1.70	3,791.10
MW - 9	12/01/06	3,851.04	59.66	61.49	1.83	3,791.11
MW - 9	12/04/06	3,851.04	59.55	62.00	2.45	3,791.12
MW - 9	12/06/06	3,851.04	59.72	61.47	1.75	3,791.06
MW - 9	12/08/06	3,851.04	59.66	61.54	1.88	3,791.10
MW - 9	12/12/06	3,851.04	59.50	62.40	2.90	3,791.11
MW - 9	12/15/06	3,851.04	59.31	63.42	4.11	3,791.11
MW - 9	12/18/06	3,851.04	59.08	64.11	5.03	3,791.21
MW - 9	01/05/07	3,851.04	58.77	65.78	7.01	3,791.22
MW - 9	01/10/07	3,851.04	58.60	66.11	7.51	3,791.31
MW - 9	01/12/07	3,851.04	58.67	61.38	2.71	3,791.96
MW - 9	01/16/07	3,851.04	58.67	66.37	7.70	3,791.22
MW - 9	01/25/07	3,851.04	58.78	65.93	7.15	3,791.19
MW - 9	01/26/07	3,851.04	58.07	64.35	6.28	3,792.03
MW - 9	01/29/07	3,851.04	59.25	63.84	4.59	3,791.10
MW - 9	02/01/07	3,851.04	59.31	63.64	4.33	3,791.08

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 9	02/09/07	3,851.04	59.20	64.24	5.04	3,791.08
MW - 9	02/13/07	3,851.04	59.46	64.75	5.29	3,790.79
MW - 9	02/16/07	3,851.04	59.45	63.18	3.73	3,791.03
MW - 9	02/20/07	3,851.04	59.05	64.97	5.92	3,791.10
MW - 9	02/22/07	3,851.04	58.96	65.35	6.39	3,791.12
MW - 9	02/28/07	3,851.04	59.11	64.77	5.66	3,791.08
MW - 9	03/02/07	3,851.04	59.68	62.46	2.78	3,790.94
MW - 9	03/06/07	3,851.04	59.42	65.19	5.77	3,790.75
MW - 9	03/14/07	3,851.04	59.46	65.19	5.73	3,790.72
MW - 9	03/19/07	3,851.04	59.43	65.25	5.82	3,790.74
MW - 9	03/19/07	3,851.04	59.43	65.25	5.82	3,790.74
MW - 9	04/02/07	3,851.04	59.35	65.69	6.34	3,790.74
MW - 9	04/09/07	3,851.04	59.22	66.21	6.99	3,790.77
MW - 9	04/12/07	3,851.04	59.17	66.50	7.33	3,790.77
MW - 9	04/16/07	3,851.04	59.17	66.58	7.41	3,790.76
MW - 9	04/24/07	3,851.04	59.24	66.31	7.07	3,790.74
MW - 9	04/26/07	3,851.04	58.82	66.32	7.50	3,791.10
MW - 9	04/30/07	3,851.04	59.10	67.03	7.93	3,790.75
MW - 9	05/04/07	3,851.04	58.78	66.68	7.90	3,791.08
MW - 9	05/11/07	3,851.04	58.88	66.20	7.32	3,791.06
MW - 9	05/16/07	3,851.04	58.82	66.60	7.78	3,791.05
MW - 9	05/18/07	3,851.04	59.22	64.74	5.52	3,790.99
MW - 9	05/21/07	3,851.04	59.25	64.65	5.40	3,790.98
MW - 9	05/29/07	3,851.04	58.84	66.55	7.71	3,791.04
MW - 9	05/31/07	3,851.04	58.84	66.55	7.71	3,791.04
MW - 9	06/05/07	3,851.04	58.89	66.29	7.40	3,791.04
MW - 9	06/07/07	3,851.04	59.91	62.03	2.12	3,790.81
MW - 9	06/11/07	3,851.04	60.31	60.32	0.01	3,790.73
MW - 9	06/13/07	3,851.04	59.69	62.94	3.25	3,790.86
MW - 9	06/18/07	3,851.04	60.29	60.34	0.05	3,790.74
MW - 9	06/21/07	3,851.04	59.52	63.62	4.10	3,790.91
MW - 9	07/02/07	3,851.04	58.86	66.56	7.70	3,791.03
MW - 9	07/06/07	3,851.04	58.73	67.12	8.39	3,791.05
MW - 9	08/13/07	3,851.04	59.81	60.12	0.31	3,791.18
MW - 9	08/29/07	3,851.04	58.91	66.96	8.05	3,790.92

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 9	10/26/07	3,851.04	59.04	66.79	7.75	3,790.84
MW - 9	11/12/07	3,851.04	59.04	66.78	7.74	3,790.84
MW - 9	11/21/07	3,851.04	59.11	66.82	7.71	3,790.77
MW - 9	11/28/07	3,851.04	59.09	66.89	7.80	3,790.78
MW - 9	11/30/07	3,851.04	59.47	65.38	5.91	3,790.68
MW - 9	12/13/07	3,851.04	59.07	67.04	7.97	3,790.77
MW - 9	01/16/08	3,851.04	59.24	66.78	7.54	3,790.67
MW - 9	02/11/08	3,851.04	DID NOT GAUGE			
MW - 9	05/12/08	3,851.04	59.32	67.21	7.89	3,790.54
MW - 9	06/06/08	3,851.04	59.37	67.22	7.85	3,790.49
MW - 9	08/13/08	3,851.04	59.49	67.21	7.72	3,790.39
MW - 9	11/11/08	3,851.04	59.61	67.40	7.79	3,790.26
MW - 9	01/07/09	3,851.04	59.61	67.75	8.14	3,790.21
MW - 9	01/14/09	3,851.04	59.78	67.23	7.45	3,790.14
MW - 9	01/23/09	3,851.04	59.74	67.53	7.79	3,790.13
MW - 9	01/30/09	3,851.04	59.74	67.42	7.68	3,790.15
MW - 9	02/09/09	3,851.04	59.76	67.49	7.73	3,790.12
MW - 9	03/26/09	3,851.04	60.68	64.08	3.40	3,789.85
MW - 9	05/11/09	3,851.04	59.90	67.68	7.78	3,789.97
MW - 9	05/28/09	3,851.04	59.91	67.72	7.81	3,789.96
MW - 9	06/16/09	3,851.04	59.96	67.71	7.75	3,789.92
MW - 9	06/22/09	3,851.04	59.98	67.69	7.71	3,789.90
MW - 9	06/30/09	3,851.04	59.96	67.91	7.95	3,789.89
MW - 9	07/06/09	3,851.04	59.95	67.76	7.81	3,789.92
MW - 9	07/13/09	3,851.04	60.00	67.78	7.78	3,789.87
MW - 9	07/28/09	3,851.04	60.06	67.80	7.74	3,789.82
MW - 9	08/12/09	3,851.04	60.03	67.67	7.64	3,789.86
MW - 9	10/30/09	3,851.04	60.26	67.71	7.45	3,789.66
MW - 9	11/06/09	3,851.04	60.27	67.61	7.34	3,789.67
MW - 9	11/11/09	3,851.04	60.25	67.80	7.55	3,789.66
MW - 9	11/18/09	3,851.04	60.26	67.76	7.50	3,789.66
MW - 9	11/24/09	3,851.04	60.29	67.21	6.92	3,789.71
MW - 9	12/02/09	3,851.04	60.27	67.74	7.47	3,789.65
MW - 9	12/10/09	3,851.04	60.08	67.79	7.71	3,789.80
MW - 9	01/12/10	3,851.04	60.32	67.23	6.91	3,789.68

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 9	02/11/10	3,851.04	60.40	67.76	7.36	3,789.54
MW - 9	05/21/10	3,851.04	62.12	64.79	2.67	3,788.52
MW - 9	08/19/10	3,851.04	61.67	63.76	2.09	3,789.06
MW - 9	11/19/10	3,851.04	61.60	63.52	1.92	3,789.15
MW - 9	03/01/11	3,851.04	61.57	63.54	1.97	3,789.17
MW - 9	05/03/11	3,851.04	61.62	66.70	5.08	3,788.66
MW - 9	08/16/11	3,851.04	61.42	67.93	6.51	3,788.64
MW - 9	10/21/11	3,851.04	61.47	68.01	6.54	3,788.59
MW - 9	11/28/11	3,851.04	62.49	64.85	2.36	3,788.20
MW - 9	12/20/11	3,851.04	62.57	64.32	1.75	3,788.21
MW - 9	12/29/11	3,851.04	63.01	63.51	0.50	3,787.96
MW - 9	01/17/12	3,851.04	61.76	67.79	6.03	3,788.38
MW - 9	01/26/12	3,851.04	62.24	66.31	4.07	3,788.19
MW - 9	01/31/12	3,851.04	62.75	64.56	1.81	3,788.02
MW - 9	02/14/12	3,851.04	61.74	67.84	6.10	3,788.39
MW - 9	02/21/12	3,851.04	62.41	65.61	3.20	3,788.15
MW - 9	02/27/12	3,851.04	62.30	67.91	5.61	3,787.90
MW - 9	03/07/12	3,851.04	62.06	68.12	6.06	3,788.07
MW - 9	03/13/12	3,851.04	61.81	67.79	5.98	3,788.33
MW - 9	03/20/12	3,851.04	61.79	67.92	6.13	3,788.33
MW - 9	03/22/12	3,851.04	61.96	67.26	5.30	3,788.29
MW - 9	03/27/12	3,851.04	62.23	68.51	6.28	3,787.87
MW - 9	04/03/12	3,851.04	62.55	68.00	5.45	3,787.67
MW - 9	04/05/12	3,851.04	62.54	66.27	3.73	3,787.94
MW - 9	04/10/12	3,851.04	61.88	67.66	5.78	3,788.29
MW - 9	04/12/12	3,851.04	62.25	66.10	3.85	3,788.21
MW - 9	04/17/12	3,851.04	61.84	67.85	6.01	3,788.30
MW - 9	04/19/12	3,851.04	62.31	66.81	4.50	3,788.06
MW - 9	04/26/12	3,851.04	62.19	68.03	5.84	3,787.97
MW - 9	05/08/12	3,851.04	62.20	68.04	5.84	3,787.96
MW - 9	05/29/12	3,851.04	61.93	68.06	6.13	3,788.19
MW - 9	06/07/12	3,851.04	62.02	68.20	6.18	3,788.09
MW - 9	06/12/12	3,851.04	61.97	68.03	6.06	3,788.16
MW - 9	06/19/12	3,851.04	61.96	68.03	6.07	3,788.17
MW - 9	06/26/12	3,851.04	61.99	68.04	6.05	3,788.14

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 34 JUNCTION SOUTH STATION
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NO. 1R-0456

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 9	07/03/12	3,851.04	61.99	68.06	6.07	3,788.14
MW - 9	07/10/12	3,851.04	62.02	68.09	6.07	3,788.11
MW - 9	07/17/12	3,851.04	61.70	68.01	6.31	3,788.39
MW - 9	08/14/12	3,851.04	62.60	68.22	5.62	3,787.60
MW - 9	10/09/12	3,851.04	63.10	65.02	1.92	3,787.65
MW - 9	10/16/12	3,851.04	63.11	64.70	1.59	3,787.69
MW - 9	10/30/12	3,851.04	62.99	65.60	2.61	3,787.66
MW - 9	11/12/12	3,851.04	62.51	63.53	1.02	3,788.38
MW - 9	02/11/13	3,851.04	62.41	65.81	3.40	3,788.12
MW - 9	03/28/13	3,851.04	63.35	64.89	1.54	3,787.46
MW - 9	05/13/13	3,851.04	63.11	66.49	3.38	3,787.42
MW - 9	05/24/13	3,851.04	63.11	66.43	3.32	3,787.43
MW - 9	06/26/13	3,851.04	63.21	66.46	3.25	3,787.34
MW - 9	07/11/13	3,851.04	63.25	66.72	3.47	3,787.27
MW - 9	07/31/13	3,851.04	62.81	67.67	4.86	3,787.50
MW - 9	08/14/13	3,851.04	63.61	65.28	1.67	3,787.18
MW - 9	09/30/13	3,851.04	63.33	66.81	3.48	3,787.19
MW - 9	11/18/13	3,851.04	63.70	65.71	2.01	3,787.04
MW - 10	09/15/06	3,851.07	-	60.10	0.00	3,790.97
MW - 10	09/27/06	3,851.07	-	60.06	0.00	3,791.01
MW - 10	09/28/06	3,851.07	-	60.08	0.00	3,790.99
MW - 10	10/06/06	3,851.07	-	60.06	0.00	3,791.01
MW - 10	10/13/06	3,851.07	-	60.07	0.00	3,791.00
MW - 10	11/03/06	3,851.07	-	60.11	0.00	3,790.96
MW - 10	12/01/06	3,851.07	-	60.15	0.00	3,790.92
MW - 10	12/08/06	3,851.07	-	60.16	0.00	3,790.91
MW - 10	12/12/06	3,851.07	-	60.09	0.00	3,790.98
MW - 10	12/15/06	3,851.07	-	60.17	0.00	3,790.90
MW - 10	03/19/07	3,851.07	-	60.34	0.00	3,790.73
MW - 10	05/31/07	3,851.07	60.33	60.82	0.49	3,790.67
MW - 10	06/01/07	3,851.07	60.34	60.83	0.49	3,790.66
MW - 10	06/05/07	3,851.07	60.41	60.54	0.13	3,790.64
MW - 10	06/07/07	3,851.07	60.41	60.50	0.09	3,790.65
MW - 10	06/11/07	3,851.07	60.38	60.51	0.13	3,790.67

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 34 JUNCTION SOUTH STATION
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NO. 1R-0456

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	06/13/07	3,851.07	60.41	60.60	0.19	3,790.63
MW - 10	06/18/07	3,851.07	60.42	60.66	0.24	3,790.61
MW - 10	06/21/07	3,851.07	60.43	60.62	0.19	3,790.61
MW - 10	07/02/07	3,851.07	60.41	60.77	0.36	3,790.61
MW - 10	07/13/07	3,851.07	60.36	61.11	0.75	3,790.60
MW - 10	07/17/07	3,851.07	60.45	60.76	0.31	3,790.57
MW - 10	08/29/07	3,851.07	60.32	61.54	1.22	3,790.57
MW - 10	10/26/07	3,851.07	60.30	62.28	1.98	3,790.47
MW - 10	11/12/07	3,851.07	60.08	63.37	3.29	3,790.50
MW - 10	11/28/07	3,851.07	WELL OBSTRUCTED			
MW - 10	11/30/07	3,851.07	WELL OBSTRUCTED			
MW - 10	12/13/07	3,851.07	60.31	62.56	2.25	3,790.42
MW - 10	01/04/08	3,851.07	60.33	62.49	2.16	3,790.42
MW - 10	01/10/08	3,851.07	60.70	60.90	0.20	3,790.34
MW - 10	01/16/08	3,851.07	60.73	60.90	0.17	3,790.31
MW - 10	02/11/08	3,851.07	DID NOT GAUGE			
MW - 10	05/12/08	3,851.07	60.91	61.06	0.15	3,790.14
MW - 10	06/06/08	3,851.07	60.71	62.09	1.38	3,790.15
MW - 10	08/13/08	3,851.07	61.05	61.18	0.13	3,790.00
MW - 10	08/13/08	3,851.07	61.05	61.18	0.13	3,790.00
MW - 10	11/11/08	3,851.07	59.98	61.65	1.67	3,790.84
MW - 10	01/23/09	3,851.07	60.49	65.37	4.88	3,789.85
MW - 10	02/09/09	3,851.07	60.08	66.96	6.88	3,789.96
MW - 10	03/26/09	3,851.07	61.24	64.73	3.49	3,789.31
MW - 10	05/11/09	3,851.07	61.41	61.89	0.48	3,789.59
MW - 10	05/28/09	3,851.07	-	-	-	-
MW - 10	06/16/09	3,851.07	60.30	67.04	6.74	3,789.76
MW - 10	06/22/09	3,851.07	61.10	63.56	2.46	3,789.60
MW - 10	06/30/09	3,851.07	61.12	63.84	2.72	3,789.54
MW - 10	07/06/09	3,851.07	61.17	63.32	2.15	3,789.58
MW - 10	07/13/09	3,851.07	61.26	63.03	1.77	3,789.54
MW - 10	07/17/09	3,851.07	60.99	64.38	3.39	3,789.57
MW - 10	07/28/09	3,851.07	-	-	-	-
MW - 10	07/30/09	3,851.07	-	-	-	-
MW - 10	08/04/09	3,851.07	61.62	62.04	0.42	3,789.39

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	08/12/09	3,851.07	61.51	62.05	0.54	3,789.48
MW - 10	10/30/09	3,851.07	61.58	62.40	0.82	3,789.37
MW - 10	11/06/09	3,851.07	61.35	63.42	2.07	3,789.41
MW - 10	11/11/09	3,851.07	60.91	65.50	4.59	3,789.47
MW - 10	11/18/09	3,851.07	60.52	67.05	6.53	3,789.57
MW - 10	11/24/09	3,851.07	60.86	65.88	5.02	3,789.46
MW - 10	12/02/09	3,851.07	60.54	67.01	6.47	3,789.56
MW - 10	12/10/09	3,851.07	60.43	67.06	6.63	3,789.65
MW - 10	12/17/09	3,851.07	60.78	66.72	5.94	3,789.40
MW - 10	12/30/09	3,851.07	60.56	67.60	7.04	3,789.45
MW - 10	01/12/10	3,851.07	60.59	67.59	7.00	3,789.43
MW - 10	02/11/10	3,851.07	60.73	67.17	6.44	3,789.37
MW - 10	05/21/10	3,851.07	60.88	68.51	7.63	3,789.05
MW - 10	08/19/10	3,851.07	61.82	63.91	2.09	3,788.94
MW - 10	11/19/10	3,851.07	61.87	63.79	1.92	3,788.91
MW - 10	03/01/11	3,851.07	-	-	-	-
MW - 10	05/03/11	3,851.07	61.74	66.90	5.16	3,788.56
MW - 10	08/16/11	3,851.07	61.86	68.09	6.23	3,788.28
MW - 10	10/21/11	3,851.07	61.70	65.41	3.71	3,788.81
MW - 10	11/28/11	3,851.07	62.00	67.00	5.00	3,788.32
MW - 10	12/20/11	3,851.07	62.12	67.82	5.70	3,788.10
MW - 10	12/29/11	3,851.07	62.49	64.95	2.46	3,788.21
MW - 10	01/17/12	3,851.07	61.98	67.66	5.68	3,788.24
MW - 10	01/26/12	3,851.07	62.63	66.03	3.40	3,787.93
MW - 10	01/31/12	3,851.07	62.62	64.75	2.13	3,788.13
MW - 10	02/14/12	3,851.07	61.94	67.70	5.76	3,788.27
MW - 10	02/21/12	3,851.07	62.49	65.80	3.31	3,788.08
MW - 10	02/27/12	3,851.07	62.45	67.40	4.95	3,787.88
MW - 10	03/07/12	3,851.07	62.37	67.84	5.47	3,787.88
MW - 10	03/13/12	3,851.07	62.08	67.33	5.25	3,788.20
MW - 10	03/20/12	3,851.07	62.05	67.50	5.45	3,788.20
MW - 10	03/22/12	3,851.07	62.75	65.70	2.95	3,787.88
MW - 10	03/27/12	3,851.07	62.75	66.38	3.63	3,787.78
MW - 10	04/03/12	3,851.07	62.79	67.20	4.41	3,787.62
MW - 10	04/05/12	3,851.07	62.83	65.81	2.98	3,787.79

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 10	04/10/12	3,851.07	62.41	66.08	3.67	3,788.11
MW - 10	04/12/12	3,851.07	62.78	64.57	1.79	3,788.02
MW - 10	04/17/12	3,851.07	62.24	62.85	0.61	3,788.74
MW - 10	04/19/12	3,851.07	62.77	65.66	2.89	3,787.87
MW - 10	04/26/12	3,851.07	62.60	67.30	4.70	3,787.77
MW - 10	05/08/12	3,851.07	62.61	67.31	4.70	3,787.76
MW - 10	05/29/12	3,851.07	62.13	68.10	5.97	3,788.04
MW - 10	06/07/12	3,851.07	62.14	68.26	6.12	3,788.01
MW - 10	06/12/12	3,851.07	62.30	67.32	5.02	3,788.02
MW - 10	06/19/12	3,851.07	62.30	67.31	5.01	3,788.02
MW - 10	06/26/12	3,851.07	62.32	67.33	5.01	3,788.00
MW - 10	07/03/12	3,851.07	62.32	67.35	5.03	3,788.00
MW - 10	07/10/12	3,851.07	62.32	67.38	5.06	3,787.99
MW - 10	07/17/12	3,851.07	61.96	69.27	7.31	3,788.01
MW - 10	08/14/12	3,851.07	62.75	67.70	4.95	3,787.58
MW - 10	10/09/12	3,851.07	62.77	66.81	4.04	3,787.69
MW - 10	10/16/12	3,851.07	62.81	67.09	4.28	3,787.62
MW - 10	10/30/12	3,851.07	62.83	66.60	3.77	3,787.67
MW - 10	11/12/12	3,851.07	62.54	67.60	5.06	3,787.77
MW - 10	02/11/13	3,851.07	62.62	63.03	0.41	3,788.39
MW - 10	03/28/13	3,851.07	63.26	65.91	2.65	3,787.41
MW - 10	05/13/13	3,851.07	63.33	66.05	2.72	3,787.33
MW - 10	05/24/13	3,851.07	63.09	67.21	4.12	3,787.36
MW - 10	06/26/13	3,851.07	63.47	65.95	2.48	3,787.23
MW - 10	07/02/13	3,851.07	63.42	64.05	0.63	3,787.56
MW - 10	07/11/13	3,851.07	63.52	66.16	2.64	3,787.15
MW - 10	07/31/13	3,851.07	63.34	66.23	2.89	3,787.30
MW - 10	08/14/13	3,851.07	63.80	63.81	0.01	3,787.27
MW - 10	09/30/13	3,851.07	63.53	66.55	3.02	3,787.09
MW - 10	11/18/13	3,851.07	63.88	65.67	1.79	3,786.92
MW - 11	12/01/06	3,850.96	-	60.06	0.00	3,790.90
MW - 11	12/08/06	3,850.96	-	60.07	0.00	3,790.89
MW - 11	12/12/06	3,850.96	-	60.49	0.00	3,790.47
MW - 11	12/15/06	3,850.96	-	60.10	0.00	3,790.86

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 11	03/19/07	3,850.96	-	60.22	0.00	3,790.74
MW - 11	05/31/07	3,850.96	-	60.35	0.00	3,790.61
MW - 11	08/29/07	3,850.96	-	60.46	0.00	3,790.50
MW - 11	11/12/07	3,850.96	-	60.58	0.00	3,790.38
MW - 11	02/11/08	3,850.96	-	60.74	0.00	3,790.22
MW - 11	05/12/08	3,850.96	-	60.83	0.00	3,790.13
MW - 11	08/13/08	3,850.96	-	60.98	0.00	3,789.98
MW - 11	11/11/08	3,850.96	-	61.12	0.00	3,789.84
MW - 11	02/09/09	3,850.96	61.23	61.30	0.07	3,789.72
MW - 11	03/04/09	3,850.96	61.22	61.69	0.47	3,789.67
MW - 11	03/08/09	3,850.96	61.23	61.53	0.30	3,789.69
MW - 11	03/11/09	3,850.96	61.25	61.57	0.32	3,789.66
MW - 11	03/19/09	3,850.96	61.19	61.91	0.72	3,789.66
MW - 11	03/24/09	3,850.96	61.15	62.14	0.99	3,789.66
MW - 11	04/03/09	3,850.96	61.14	62.11	0.97	3,789.67
MW - 11	04/08/09	3,850.96	61.16	62.13	0.97	3,789.65
MW - 11	04/15/09	3,850.96	61.04	62.76	1.72	3,789.66
MW - 11	04/17/09	3,850.96	61.18	62.15	0.97	3,789.63
MW - 11	04/21/09	3,850.96	61.17	62.13	0.96	3,789.65
MW - 11	04/24/09	3,850.96	60.97	62.12	1.15	3,789.82
MW - 11	04/29/09	3,850.96	61.18	62.29	1.11	3,789.61
MW - 11	05/06/09	3,850.96	61.14	62.39	1.25	3,789.63
MW - 11	05/11/09	3,850.96	61.21	62.19	0.98	3,789.60
MW - 11	05/14/09	3,850.96	61.22	62.19	0.97	3,789.59
MW - 11	06/02/09	3,850.96	60.84	63.84	3.00	3,789.67
MW - 11	06/09/09	3,850.96	61.11	62.80	1.69	3,789.60
MW - 11	06/16/09	3,850.96	61.16	62.72	1.56	3,789.57
MW - 11	06/22/09	3,850.96	61.15	62.81	1.66	3,789.56
MW - 11	06/30/09	3,850.96	61.19	62.68	1.49	3,789.55
MW - 11	07/06/09	3,850.96	61.23	62.26	1.03	3,789.58
MW - 11	07/10/09	3,850.96	61.19	62.80	1.61	3,789.53
MW - 11	07/13/09	3,850.96	61.32	62.22	0.90	3,789.51
MW - 11	07/17/09	3,850.96	61.24	62.68	1.44	3,789.50
MW - 11	07/20/09	3,850.96	61.31	62.28	0.97	3,789.50
MW - 11	07/28/09	3,850.96	61.23	62.20	0.97	3,789.58

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 11	07/30/09	3,850.96	61.21	62.96	1.75	3,789.49
MW - 11	08/04/09	3,850.96	61.08	63.40	2.32	3,789.53
MW - 11	08/12/09	3,850.96	61.25	62.72	1.47	3,789.49
MW - 11	08/20/09	3,850.96	61.26	62.83	1.57	3,789.46
MW - 11	08/26/09	3,850.96	61.31	62.33	1.02	3,789.50
MW - 11	09/02/09	3,850.96	61.27	62.86	1.59	3,789.45
MW - 11	09/09/09	3,850.96	61.27	62.93	1.66	3,789.44
MW - 11	09/14/09	3,850.96	61.34	62.74	1.40	3,789.41
MW - 11	09/21/09	3,850.96	61.31	62.90	1.59	3,789.41
MW - 11	10/01/09	3,850.96	61.25	63.34	2.09	3,789.40
MW - 11	10/08/09	3,850.96	61.31	63.20	1.89	3,789.37
MW - 11	10/16/09	3,850.96	61.31	63.35	2.04	3,789.34
MW - 11	10/20/09	3,850.96	61.32	63.36	2.04	3,789.33
MW - 11	10/27/09	3,850.96	61.34	63.35	2.01	3,789.32
MW - 11	10/30/09	3,850.96	61.15	63.86	2.71	3,789.40
MW - 11	11/06/09	3,850.96	61.31	63.14	1.83	3,789.38
MW - 11	11/11/09	3,850.96	61.41	62.80	1.39	3,789.34
MW - 11	11/18/09	3,850.96	61.39	62.95	1.56	3,789.34
MW - 11	11/24/09	3,850.96	61.43	62.87	1.44	3,789.31
MW - 11	12/02/09	3,850.96	61.22	63.01	1.79	3,789.47
MW - 11	12/10/09	3,850.96	61.06	64.86	3.80	3,789.33
MW - 11	12/17/09	3,850.96	61.43	63.25	1.82	3,789.26
MW - 11	12/21/09	3,850.96	61.36	63.32	1.96	3,789.31
MW - 11	12/30/09	3,850.96	61.27	64.13	2.86	3,789.26
MW - 11	01/12/10	3,850.96	61.24	64.30	3.06	3,789.26
MW - 11	01/18/10	3,850.96	61.39	63.30	1.91	3,789.28
MW - 11	02/02/10	3,850.96	61.07	63.59	2.52	3,789.51
MW - 11	02/11/10	3,850.96	61.33	63.94	2.61	3,789.24
MW - 11	02/18/10	3,850.96	61.13	64.84	3.71	3,789.27
MW - 11	02/25/10	3,850.96	61.44	63.89	2.45	3,789.15
MW - 11	03/02/10	3,850.96	61.58	63.35	1.77	3,789.11
MW - 11	03/04/10	3,850.96	61.64	62.69	1.05	3,789.16
MW - 11	03/10/10	3,850.96	61.36	63.66	2.30	3,789.26
MW - 11	03/12/10	3,850.96	61.69	62.92	1.23	3,789.09
MW - 11	03/15/10	3,850.96	61.55	63.36	1.81	3,789.14

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 11	03/18/10	3,850.96	61.56	63.21	1.65	3,789.15
MW - 11	03/22/10	3,850.96	61.65	63.10	1.45	3,789.09
MW - 11	03/24/10	3,850.96	61.79	62.73	0.94	3,789.03
MW - 11	03/30/10	3,850.96	61.65	63.29	1.64	3,789.06
MW - 11	04/07/10	3,850.96	61.58	63.71	2.13	3,789.06
MW - 11	04/12/10	3,850.96	61.62	63.19	1.57	3,789.10
MW - 11	04/15/10	3,850.96	61.64	63.16	1.52	3,789.09
MW - 11	04/20/10	3,850.96	61.59	63.75	2.16	3,789.05
MW - 11	04/27/10	3,850.96	61.62	63.64	2.02	3,789.04
MW - 11	05/07/10	3,850.96	61.66	63.16	1.50	3,789.08
MW - 11	05/12/10	3,850.96	61.70	63.13	1.43	3,789.05
MW - 11	05/21/10	3,850.96	61.29	65.42	4.13	3,789.05
MW - 11	05/25/10	3,850.96	61.14	65.36	4.22	3,789.19
MW - 11	05/27/10	3,850.96	61.65	63.40	1.75	3,789.05
MW - 11	06/01/10	3,850.96	61.13	65.33	4.20	3,789.20
MW - 11	06/09/10	3,850.96	61.12	65.29	4.17	3,789.21
MW - 11	06/16/10	3,850.96	62.24	65.68	3.44	3,788.20
MW - 11	06/28/10	3,850.96	61.15	66.16	5.01	3,789.06
MW - 11	07/09/10	3,850.96	62.24	65.64	3.40	3,788.21
MW - 11	07/14/10	3,850.96	61.24	65.65	4.41	3,789.06
MW - 11	07/22/10	3,850.96	61.52	64.49	2.97	3,788.99
MW - 11	07/29/10	3,850.96	61.69	63.85	2.16	3,788.95
MW - 11	08/05/10	3,850.96	61.75	63.84	2.09	3,788.90
MW - 11	08/12/10	3,850.96	61.73	63.78	2.05	3,788.92
MW - 11	08/18/10	3,850.96	61.71	63.89	2.18	3,788.92
MW - 11	08/19/10	3,850.96	62.00	62.74	0.74	3,788.85
MW - 11	08/26/10	3,850.96	61.71	64.02	2.31	3,788.90
MW - 11	09/02/10	3,850.96	61.75	63.83	2.08	3,788.90
MW - 11	09/08/10	3,850.96	62.02	62.70	0.68	3,788.84
MW - 11	11/19/10	3,850.96	62.07	62.62	0.55	3,788.81
MW - 11	03/01/11	3,850.96	62.04	62.62	0.58	3,788.83
MW - 11	05/03/11	3,850.96	62.06	62.44	0.38	3,788.84
MW - 11	08/16/11	3,850.96	61.94	68.07	6.13	3,788.10
MW - 11	10/21/11	3,850.96	61.80	66.95	5.15	3,788.39
MW - 11	11/28/11	3,850.96	62.71	63.03	0.32	3,788.20

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 11	12/20/11	3,850.96	62.13	66.47	4.34	3,788.18
MW - 11	12/29/11	3,850.96	62.63	63.20	0.57	3,788.24
MW - 11	01/17/12	3,850.96	62.37	65.34	2.97	3,788.14
MW - 11	01/26/12	3,850.96	62.08	63.08	1.00	3,788.73
MW - 11	01/31/12	3,850.96	63.07	63.13	0.06	3,787.88
MW - 11	02/14/12	3,850.96	62.36	65.41	3.05	3,788.14
MW - 11	02/21/12	3,850.96	62.90	63.42	0.52	3,787.98
MW - 11	02/27/12	3,850.96	62.82	64.52	1.70	3,787.89
MW - 11	03/07/12	3,850.96	62.48	65.95	3.47	3,787.96
MW - 11	03/13/12	3,850.96	62.48	65.23	2.75	3,788.07
MW - 11	03/20/12	3,850.96	62.46	65.41	2.95	3,788.06
MW - 11	03/22/12	3,850.96	62.85	64.24	1.39	3,787.90
MW - 11	03/27/12	3,850.96	62.80	64.68	1.88	3,787.88
MW - 11	04/03/12	3,850.96	62.90	65.10	2.20	3,787.73
MW - 11	04/05/12	3,850.96	63.02	64.01	0.99	3,787.79
MW - 11	04/10/12	3,850.96	62.64	64.66	2.02	3,788.02
MW - 11	04/12/12	3,850.96	62.70	64.51	1.81	3,787.99
MW - 11	04/17/12	3,850.96	62.55	65.12	2.57	3,788.02
MW - 11	04/19/12	3,850.96	62.85	64.41	1.56	3,787.88
MW - 11	04/26/12	3,850.96	62.78	64.90	2.12	3,787.86
MW - 11	05/08/12	3,850.96	62.79	64.91	2.12	3,787.85
MW - 11	05/29/12	3,850.96	62.41	66.22	3.81	3,787.98
MW - 11	06/07/12	3,850.96	62.40	66.53	4.13	3,787.94
MW - 11	06/12/12	3,850.96	62.54	66.05	3.51	3,787.89
MW - 11	06/19/12	3,850.96	62.47	66.05	3.58	3,787.95
MW - 11	06/26/12	3,850.96	62.49	66.06	3.57	3,787.93
MW - 11	07/03/12	3,850.96	62.49	66.08	3.59	3,787.93
MW - 11	07/10/12	3,850.96	62.51	66.10	3.59	3,787.91
MW - 11	07/17/12	3,850.96	62.02	66.52	4.50	3,788.27
MW - 11	08/14/12	3,850.96	63.13	64.82	1.69	3,787.58
MW - 11	10/09/12	3,850.96	63.40	63.49	0.09	3,787.55
MW - 11	10/16/12	3,850.96	63.50	63.52	0.02	3,787.46
MW - 11	10/30/12	3,850.96	63.44	63.45	0.01	3,787.52
MW - 11	11/12/12	3,850.96	63.23	64.21	0.98	3,787.58
MW - 11	02/11/13	3,850.96	63.30	64.52	1.22	3,787.48

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 34 JUNCTION SOUTH STATION
 LEA COUNTY, NEW MEXICO
 NMOC D REFERENCE NO. 1R-0456

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 11	03/28/13	3,850.96	63.44	64.80	1.36	3,787.32
MW - 11	04/10/13	3,850.96	63.71	63.82	0.11	3,787.23
MW - 11	05/13/13	3,850.96	63.73	63.89	0.16	3,787.21
MW - 11	05/24/13	3,850.96	63.44	65.25	1.81	3,787.25
MW - 11	06/26/13	3,850.96	63.81	63.96	0.15	3,787.13
MW - 11	07/02/13	3,850.96	63.82	64.15	0.33	3,787.09
MW - 11	07/11/13	3,850.96	63.90	63.95	0.05	3,787.05
MW - 11	07/31/13	3,850.96	63.58	64.82	1.24	3,787.19
MW - 11	08/14/13	3,850.96	63.93	64.16	0.23	3,787.00
MW - 11	09/30/13	3,850.96	63.46	66.41	2.95	3,787.06
MW - 11	11/18/13	3,850.96	63.84	65.33	1.49	3,786.90
MW - 12	12/01/06	3,850.45	-	60.48	0.00	3,789.97
MW - 12	12/08/06	3,850.45	-	60.48	0.00	3,789.97
MW - 12	12/12/06	3,850.45	-	60.08	0.00	3,790.37
MW - 12	12/15/06	3,850.45	-	60.51	0.00	3,789.94
MW - 12	03/19/07	3,850.45	-	60.64	0.00	3,789.81
MW - 12	05/31/07	3,850.45	-	60.76	0.00	3,789.69
MW - 12	08/29/07	3,850.45	-	60.88	0.00	3,789.57
MW - 12	11/12/07	3,850.45	-	60.99	0.00	3,789.46
MW - 12	02/11/08	3,850.45	-	61.19	0.00	3,789.26
MW - 12	05/12/08	3,850.45	-	61.24	0.00	3,789.21
MW - 12	08/13/08	3,850.45	-	61.40	0.00	3,789.05
MW - 12	11/11/08	3,850.45	-	61.53	0.00	3,788.92
MW - 12	02/09/09	3,850.45	-	61.64	0.00	3,788.81
MW - 12	05/11/09	3,850.45	-	61.81	0.00	3,788.64
MW - 12	08/12/09	3,850.45	-	61.95	0.00	3,788.50
MW - 12	11/24/09	3,850.45	-	62.10	0.00	3,788.35
MW - 12	01/12/10	3,850.45	-	62.16	0.00	3,788.29
MW - 12	02/11/10	3,850.45	-	62.24	0.00	3,788.21
MW - 12	05/21/10	3,850.45	-	62.27	0.00	3,788.18
MW - 12	08/19/10	3,850.45	-	62.26	0.00	3,788.19
MW - 12	11/19/10	3,850.45	-	62.09	0.00	3,788.36
MW - 12	01/25/11	3,850.45	-	62.83	0.00	3,787.62
MW - 12	03/01/11	3,850.45	-	62.06	0.00	3,788.39

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 34 JUNCTION SOUTH STATION
 LEA COUNTY, NEW MEXICO
 NMOC D REFERENCE NO. 1R-0456

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 12	05/03/11	3,850.45	-	62.93	0.00	3,787.52
MW - 12	05/18/11	3,850.45	-	62.95	0.00	3,787.50
MW - 12	05/25/11	3,850.45	-	62.98	0.00	3,787.47
MW - 12	05/31/11	3,850.45	-	62.96	0.00	3,787.49
MW - 12	06/08/11	3,850.45	-	62.99	0.00	3,787.46
MW - 12	06/16/11	3,850.45	-	62.94	0.00	3,787.51
MW - 12	06/22/11	3,850.45	-	62.88	0.00	3,787.57
MW - 12	06/30/11	3,850.45	-	62.94	0.00	3,787.51
MW - 12	07/06/11	3,850.45	-	62.96	0.00	3,787.49
MW - 12	07/13/11	3,850.45	-	62.97	0.00	3,787.48
MW - 12	07/15/11	3,850.45	-	63.05	0.00	3,787.40
MW - 12	07/19/11	3,850.45	-	63.04	0.00	3,787.41
MW - 12	07/21/11	3,850.45	-	63.06	0.00	3,787.39
MW - 12	07/26/11	3,850.45	-	63.03	0.00	3,787.42
MW - 12	07/28/11	3,850.45	-	62.98	0.00	3,787.47
MW - 12	08/02/11	3,850.45	-	63.04	0.00	3,787.41
MW - 12	08/12/11	3,850.45	-	63.00	0.00	3,787.45
MW - 12	08/16/11	3,850.45	-	63.09	0.00	3,787.36
MW - 12	08/19/11	3,850.45	-	63.11	0.00	3,787.34
MW - 12	08/23/11	3,850.45	-	63.14	0.00	3,787.31
MW - 12	08/30/11	3,850.45	-	63.05	0.00	3,787.40
MW - 12	09/01/11	3,850.45	-	63.16	0.00	3,787.29
MW - 12	09/06/11	3,850.45	-	63.14	0.00	3,787.31
MW - 12	09/08/11	3,850.45	-	63.13	0.00	3,787.32
MW - 12	09/13/11	3,850.45	-	63.15	0.00	3,787.30
MW - 12	09/22/11	3,850.45	-	63.15	0.00	3,787.30
MW - 12	10/11/11	3,850.45	-	63.18	0.00	3,787.27
MW - 12	10/21/11	3,850.45	-	63.19	0.00	3,787.26
MW - 12	11/28/11	3,850.45	-	63.25	0.00	3,787.20
MW - 12	12/20/11	3,850.45	-	63.29	0.00	3,787.16
MW - 12	12/29/11	3,850.45	-	63.30	0.00	3,787.15
MW - 12	01/17/12	3,850.45	-	63.33	0.00	3,787.12
MW - 12	01/26/12	3,850.45	-	63.35	0.00	3,787.10
MW - 12	01/31/12	3,850.45	-	63.36	0.00	3,787.09
MW - 12	02/14/12	3,850.45	-	63.37	0.00	3,787.08

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 12	02/21/12	3,850.45	-	63.37	0.00	3,787.08
MW - 12	02/27/12	3,850.45	-	63.42	0.00	3,787.03
MW - 12	03/07/12	3,850.45	-	63.44	0.00	3,787.01
MW - 12	03/13/12	3,850.45	-	63.42	0.00	3,787.03
MW - 12	03/20/12	3,850.45	-	63.42	0.00	3,787.03
MW - 12	03/22/12	3,850.45	-	63.44	0.00	3,787.01
MW - 12	03/27/12	3,850.45	-	63.43	0.00	3,787.02
MW - 12	04/03/12	3,850.45	-	63.44	0.00	3,787.01
MW - 12	04/05/12	3,850.45	-	63.47	0.00	3,786.98
MW - 12	04/10/12	3,850.45	-	63.46	0.00	3,786.99
MW - 12	04/12/12	3,850.45	-	63.45	0.00	3,787.00
MW - 12	04/17/12	3,850.45	-	63.45	0.00	3,787.00
MW - 12	04/19/12	3,850.45	-	63.46	0.00	3,786.99
MW - 12	04/26/12	3,850.45	-	63.45	0.00	3,787.00
MW - 12	05/08/12	3,850.45	-	63.47	0.00	3,786.98
MW - 12	05/29/12	3,850.45	-	63.51	0.00	3,786.94
MW - 12	06/07/12	3,850.45	-	63.56	0.00	3,786.89
MW - 12	06/12/12	3,850.45	-	63.55	0.00	3,786.90
MW - 12	06/19/12	3,850.45	-	63.54	0.00	3,786.91
MW - 12	06/26/12	3,850.45	-	63.56	0.00	3,786.89
MW - 12	07/03/12	3,850.45	-	63.58	0.00	3,786.87
MW - 12	07/10/12	3,850.45	-	63.60	0.00	3,786.85
MW - 12	07/17/12	3,850.45	-	63.69	0.00	3,786.76
MW - 12	08/14/12	3,850.45	-	63.72	0.00	3,786.73
MW - 12	10/09/12	3,850.45	-	63.81	0.00	3,786.64
MW - 12	10/16/12	3,850.45	-	63.82	0.00	3,786.63
MW - 12	10/30/12	3,850.45	-	63.86	0.00	3,786.59
MW - 12	11/12/12	3,850.45	-	63.82	0.00	3,786.63
MW - 12	12/14/12	3,850.45	-	63.92	0.00	3,786.53
MW - 12	02/11/13	3,850.45	-	63.96	0.00	3,786.49
MW - 12	03/28/13	3,850.45	-	64.08	0.00	3,786.37
MW - 12	04/05/13	3,850.45	-	64.14	0.00	3,786.31
MW - 12	04/10/13	3,850.45	-	64.10	0.00	3,786.35
MW - 12	04/15/13	3,850.45	-	64.15	0.00	3,786.30
MW - 12	04/22/13	3,850.45	-	64.18	0.00	3,786.27

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 12	04/29/13	3,850.45	-	64.17	0.00	3,786.28
MW - 12	05/03/13	3,850.45	-	64.18	0.00	3,786.27
MW - 12	05/09/13	3,850.45	-	64.19	0.00	3,786.26
MW - 12	05/13/13	3,850.45	-	64.17	0.00	3,786.28
MW - 12	05/17/13	3,850.45	-	64.21	0.00	3,786.24
MW - 12	05/20/13	3,850.45	-	64.20	0.00	3,786.25
MW - 12	05/24/13	3,850.45	-	64.18	0.00	3,786.27
MW - 12	05/29/13	3,850.45	-	64.21	0.00	3,786.24
MW - 12	05/31/13	3,850.45	-	64.23	0.00	3,786.22
MW - 12	06/05/13	3,850.45	-	64.24	0.00	3,786.21
MW - 12	06/07/13	3,850.45	-	64.26	0.00	3,786.19
MW - 12	06/12/13	3,850.45	-	64.20	0.00	3,786.25
MW - 12	06/14/13	3,850.45	-	64.25	0.00	3,786.20
MW - 12	06/21/13	3,850.45	-	64.26	0.00	3,786.19
MW - 12	06/25/13	3,850.45	-	64.30	0.00	3,786.15
MW - 12	06/26/13	3,850.45	-	64.23	0.00	3,786.22
MW - 12	07/03/13	3,850.45	-	64.30	0.00	3,786.15
MW - 12	07/11/13	3,850.45	-	64.32	0.00	3,786.13
MW - 12	07/24/13	3,850.45	-	64.28	0.00	3,786.17
MW - 12	07/26/13	3,850.45	-	64.28	0.00	3,786.17
MW - 12	07/31/13	3,850.45	-	64.23	0.00	3,786.22
MW - 12	08/02/13	3,850.45	-	64.27	0.00	3,786.18
MW - 12	08/14/13	3,850.45	-	64.33	0.00	3,786.12
MW - 12	08/21/13	3,850.45	-	64.39	0.00	3,786.06
MW - 12	08/26/13	3,850.45	-	64.40	0.00	3,786.05
MW - 12	08/30/13	3,850.45	-	64.42	0.00	3,786.03
MW - 12	09/06/13	3,850.45	-	64.38	0.00	3,786.07
MW - 12	09/13/13	3,850.45	-	64.41	0.00	3,786.04
MW - 12	09/27/13	3,850.45	-	64.45	0.00	3,786.00
MW - 12	09/30/13	3,850.45	-	64.40	0.00	3,786.05
MW - 12	10/02/13	3,850.45	-	64.43	0.00	3,786.02
MW - 12	10/03/13	3,850.45	-	64.45	0.00	3,786.00
MW - 12	10/11/13	3,850.45	-	64.49	0.00	3,785.96
MW - 12	10/17/13	3,850.45	-	64.47	0.00	3,785.98
MW - 12	10/23/13	3,850.45	-	64.50	0.00	3,785.95

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 34 JUNCTION SOUTH STATION
 LEA COUNTY, NEW MEXICO
 NMOC D REFERENCE NO. 1R-0456

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 12	10/25/13	3,850.45	-	64.53	0.00	3,785.92
MW - 12	10/30/13	3,850.45	-	64.55	0.00	3,785.90
MW - 12	11/01/13	3,850.45	-	64.49	0.00	3,785.96
MW - 12	11/04/13	3,850.45	-	64.51	0.00	3,785.94
MW - 12	11/08/13	3,850.45	-	64.50	0.00	3,785.95
MW - 12	11/13/13	3,850.45	-	64.49	0.00	3,785.96
MW - 12	11/15/13	3,850.45	-	64.51	0.00	3,785.94
MW - 12	11/18/13	3,850.45	-	64.51	0.00	3,785.94
MW - 12	12/12/13	3,850.45	-	64.52	0.00	3,785.93
MW - 12	12/16/13	3,850.45	-	64.52	0.00	3,785.93
MW - 12	12/18/13	3,850.45	-	64.52	0.00	3,785.93
MW - 12	12/23/13	3,850.45	-	64.56	0.00	3,785.89
MW - 13	08/13/08	-	-	61.22	0.00	-
MW - 13	08/22/08	-	-	61.38	0.00	-
MW - 13	08/26/08	-	-	61.38	0.00	-
MW - 13	11/11/08	-	-	61.50	0.00	-
MW - 13	02/09/09	-	-	61.63	0.00	-
MW - 13	05/11/09	-	-	61.78	0.00	-
MW - 13	08/12/09	-	-	61.91	0.00	-
MW - 13	11/24/09	-	-	62.08	0.00	-
MW - 13	01/12/10	-	-	62.13	0.00	-
MW - 13	02/02/10	-	-		0.00	-
MW - 13	02/11/10	-	-	62.21	0.00	-
MW - 13	05/21/10	-	-	62.24	0.00	-
MW - 13	08/19/10	-	-	62.25	0.00	-
MW - 13	11/19/10	-	-	62.11	0.00	-
MW - 13	01/25/11	-	-	62.82	0.00	-
MW - 13	03/01/11	-	-	62.11	0.00	-
MW - 13	05/03/11	-	-	62.90	0.00	-
MW - 13	05/18/11	-	-	62.98	0.00	-
MW - 13	05/25/11	-	-	62.93	0.00	-
MW - 13	05/31/11	-	-	62.95	0.00	-
MW - 13	06/08/11	-	-	62.97	0.00	-
MW - 13	06/16/11	-	-	62.99	0.00	-

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 34 JUNCTION SOUTH STATION
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NO. 1R-0456

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 13	06/22/11	-	-	62.98	0.00	-
MW - 13	06/30/11	-	-	62.98	0.00	-
MW - 13	07/06/11	-	-	62.98	0.00	-
MW - 13	07/13/11	-	-	63.02	0.00	-
MW - 13	07/15/11	-	-	63.04	0.00	-
MW - 13	07/19/11	-	-	62.99	0.00	-
MW - 13	07/21/11	-	-	63.06	0.00	-
MW - 13	07/26/11	-	-	63.05	0.00	-
MW - 13	07/28/11	-	-	63.00	0.00	-
MW - 13	08/02/11	-	-	63.03	0.00	-
MW - 13	08/12/11	-	-	63.07	0.00	-
MW - 13	08/16/11	-	-	63.07	0.00	-
MW - 13	08/19/11	-	-	63.10	0.00	-
MW - 13	08/23/11	-	-	63.14	0.00	-
MW - 13	08/30/11	-	-	63.08	0.00	-
MW - 13	09/01/11	-	-	63.13	0.00	-
MW - 13	09/06/11	-	-	63.13	0.00	-
MW - 13	09/08/11	-	-	63.10	0.00	-
MW - 13	09/13/11	-	-	63.14	0.00	-
MW - 13	09/22/11	-	-	63.13	0.00	-
MW - 13	10/11/11	-	-	63.14	0.00	-
MW - 13	10/21/11	-	-	63.19	0.00	-
MW - 13	11/28/11	-	-	63.25	0.00	-
MW - 13	12/20/11	-	-	63.27	0.00	-
MW - 13	12/29/11	-	-	63.31	0.00	-
MW - 13	01/17/12	-	-	63.32	0.00	-
MW - 13	01/26/12	-	-	63.34	0.00	-
MW - 13	01/31/12	-	-	63.35	0.00	-
MW - 13	02/14/12	-	-	63.36	0.00	-
MW - 13	02/21/12	-	-	63.33	0.00	-
MW - 13	02/27/12	-	-	63.42	0.00	-
MW - 13	03/07/12	-	-	63.44	0.00	-
MW - 13	03/13/12	-	-	63.43	0.00	-
MW - 13	03/20/12	-	-	63.40	0.00	-
MW - 13	03/22/12	-	-	63.44	0.00	-

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 13	03/27/12	-	-	63.42	0.00	-
MW - 13	04/03/12	-	-	63.44	0.00	-
MW - 13	04/05/12	-	-	63.47	0.00	-
MW - 13	04/10/12	-	-	63.46	0.00	-
MW - 13	04/12/12	-	-	63.45	0.00	-
MW - 13	04/17/12	-	-	63.45	0.00	-
MW - 13	04/19/12	-	-	63.46	0.00	-
MW - 13	04/26/12	-	-	63.45	0.00	-
MW - 13	05/08/12	-	-	63.46	0.00	-
MW - 13	05/29/12	-	-	63.52	0.00	-
MW - 13	06/07/12	-	-	63.54	0.00	-
MW - 13	06/12/12	-	-	63.53	0.00	-
MW - 13	06/19/12	-	-	63.52	0.00	-
MW - 13	06/26/12	-	-	63.54	0.00	-
MW - 13	07/03/12	-	-	63.56	0.00	-
MW - 13	07/10/12	-	-	63.58	0.00	-
MW - 13	07/17/12	-	-	63.59	0.00	-
MW - 13	08/14/12	-	-	63.71	0.00	-
MW - 13	10/09/12	-	-	63.81	0.00	-
MW - 13	10/16/12	-	-	63.81	0.00	-
MW - 13	10/30/12	-	63.86	63.87	0.01	-
MW - 13	11/01/12	-	-	63.85	0.00	-
MW - 13	11/12/12	-	-	63.83	0.00	-
MW - 13	12/14/12	-	-	63.93	0.00	-
MW - 13	02/11/13	-	-	63.94	0.00	-
MW - 13	03/28/13	-	-	64.09	0.00	-
MW - 13	04/05/13	-	-	64.14	0.00	-
MW - 13	04/10/13	-	-	64.11	0.00	-
MW - 13	04/15/13	-	-	64.14	0.00	-
MW - 13	04/22/13	-	-	64.19	0.00	-
MW - 13	04/29/13	-	-	64.17	0.00	-
MW - 13	05/03/13	-	-	64.19	0.00	-
MW - 13	05/09/13	-	-	64.19	0.00	-
MW - 13	05/13/13	-	-	64.18	0.00	-
MW - 13	05/17/13	-	-	64.22	0.00	-

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 13	05/20/13	-	-	64.20	0.00	-
MW - 13	05/24/13	-	-	64.19	0.00	-
MW - 13	05/29/13	-	-	64.21	0.00	-
MW - 13	05/31/13	-	-	64.24	0.00	-
MW - 13	06/05/13	-	-	64.24	0.00	-
MW - 13	06/07/13	-	-	64.25	0.00	-
MW - 13	06/12/13	-	-	64.21	0.00	-
MW - 13	06/14/13	-	-	64.25	0.00	-
MW - 13	06/21/13	-	-	64.26	0.00	-
MW - 13	06/25/13	-	-	64.29	0.00	-
MW - 13	06/26/13	-	-	64.25	0.00	-
MW - 13	07/03/13	-	-	64.30	0.00	-
MW - 13	07/11/13	-	-	64.30	0.00	-
MW - 13	07/24/13	-	-	64.28	0.00	-
MW - 13	07/26/13	-	-	64.27	0.00	-
MW - 13	07/31/13	-	-	64.24	0.00	-
MW - 13	08/02/13	-	-	64.26	0.00	-
MW - 13	08/14/13	-	-	64.34	0.00	-
MW - 13	08/21/13	-	-	64.40	0.00	-
MW - 13	08/26/13	-	-	64.42	0.00	-
MW - 13	08/30/13	-	-	64.41	0.00	-
MW - 13	09/06/13	-	-	64.39	0.00	-
MW - 13	09/13/13	-	-	64.40	0.00	-
MW - 13	09/27/13	-	-	64.47	0.00	-
MW - 13	09/30/13	-	-	64.41	0.00	-
MW - 13	10/02/13	-	-	64.45	0.00	-
MW - 13	10/03/13	-	-	64.45	0.00	-
MW - 13	10/11/13	-	-	64.48	0.00	-
MW - 13	10/17/13	-	-	64.48	0.00	-
MW - 13	10/23/13	-	-	64.49	0.00	-
MW - 13	10/25/13	-	-	64.54	0.00	-
MW - 13	10/30/13	-	-	64.56	0.00	-
MW - 13	11/01/13	-	-	64.50	0.00	-
MW - 13	11/04/13	-	-	64.52	0.00	-
MW - 13	11/08/13	-	-	64.51	0.00	-

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 34 JUNCTION SOUTH STATION
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NO. 1R-0456

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 13	11/13/13	-	-	64.50	0.00	-
MW - 13	11/15/13	-	-	64.53	0.00	-
MW - 13	11/18/13	-	-	64.52	0.00	-
MW - 13	12/12/13	-	-	64.50	0.00	-
MW - 13	12/16/13	-	-	64.51	0.00	-
MW - 13	12/18/13	-	-	64.53	0.00	-
MW - 13	12/23/13	-	-	64.57	0.00	-
MW - 14	08/13/08	-	-	61.37	0.00	-
MW - 14	08/22/08	-	-	61.22	0.00	-
MW - 14	08/26/08	-	-	61.22	0.00	-
MW - 14	11/11/08	-	-	61.35	0.00	-
MW - 14	02/09/09	-	-	61.48	0.00	-
MW - 14	05/11/09	-	-	61.64	0.00	-
MW - 14	08/12/09	-	-	61.78	0.00	-
MW - 14	11/24/09	-	-	61.93	0.00	-
MW - 14	01/12/10	-	-	61.98	0.00	-
MW - 14	02/02/10	-	-	-	-	-
MW - 14	02/11/10	-	-	62.07	0.00	-
MW - 14	05/21/10	-	-	62.07	0.00	-
MW - 14	08/19/10	-	-	62.07	0.00	-
MW - 14	11/19/10	-	-	61.95	0.00	-
MW - 14	03/01/11	-	-	61.92	0.00	-
MW - 14	05/03/11	-	-	62.76	0.00	-
MW - 14	08/16/11	-	-	62.91	0.00	-
MW - 14	11/28/11	-	-	63.07	0.00	-
MW - 14	02/27/12	-	-	63.24	0.00	-
MW - 14	05/29/12	-	-	63.33	0.00	-
MW - 14	08/14/12	-	-	63.55	0.00	-
MW - 14	11/12/12	-	-	63.65	0.00	-
MW - 14	02/11/13	-	-	63.78	0.00	-
MW - 14	03/28/13	-	-	63.94	0.00	-
MW - 14	04/10/13	-	-	63.94	0.00	-
MW - 14	05/13/13	-	-	64.01	0.00	-
MW - 14	05/24/13	-	-	64.02	0.00	-

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 34 JUNCTION SOUTH STATION
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NO. 1R-0456

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 14	06/26/13	-	-	64.07	0.00	-
MW - 14	07/31/13	-	-	64.03	0.00	-
MW - 14	08/14/13	-	-	64.17	0.00	-
MW - 14	09/30/13	-	-	64.24	0.00	-
MW - 14	11/18/13	-	-	64.34	0.00	-
MW - 15	04/21/10	-	-	62.70	0.00	-
MW - 15	05/21/10	-	-	62.72	0.00	-
MW - 15	08/19/10	-	-	62.89	0.00	-
MW - 15	11/19/10	-	-	62.87	0.00	-
MW - 15	01/25/11	-	-	62.96	0.00	-
MW - 15	03/01/11	-	-	62.85	0.00	-
MW - 15	05/03/11	-	-	63.29	0.00	-
MW - 15	08/16/11	-	-	63.43	0.00	-
MW - 15	11/28/11	-	-	63.62	0.00	-
MW - 15	02/27/12	-	-	63.79	0.00	-
MW - 15	05/29/12	-	-	63.98	0.00	-
MW - 15	08/14/12	-	-	64.09	0.00	-
MW - 15	11/12/12	-	-	64.21	0.00	-
MW - 15	02/11/13	-	-	64.34	0.00	-
MW - 15	03/28/13	-	-	64.44	0.00	-
MW - 15	04/10/13	-	-	64.47	0.00	-
MW - 15	05/13/13	-	-	64.54	0.00	-
MW - 15	05/24/13	-	-	64.55	0.00	-
MW - 15	06/26/13	-	-	64.60	0.00	-
MW - 15	07/31/13	-	-	64.61	0.00	-
MW - 15	08/14/13	-	-	64.68	0.00	-
MW - 15	09/30/13	-	-	64.76	0.00	-
MW - 15	11/18/13	-	-	64.86	0.00	-
MW - 16	04/21/10	-	-	62.31	0.00	-
MW - 16	05/21/10	-	-	62.33	0.00	-
MW - 16	08/19/10	-	-	62.53	0.00	-
MW - 16	11/19/10	-	-	62.52	0.00	-
MW - 16	03/01/11	-	-	62.53	0.00	-

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 34 JUNCTION SOUTH STATION
 LEA COUNTY, NEW MEXICO
 NMOC D REFERENCE NO. 1R-0456

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 16	05/03/11	-	-	62.92	0.00	-
MW - 16	08/16/11	-	-	63.08	0.00	-
MW - 16	11/28/11	-	-	63.26	0.00	-
MW - 16	02/27/12	-	-	63.44	0.00	-
MW - 16	05/29/12	-	-	63.54	0.00	-
MW - 16	08/14/12	-	-	63.74	0.00	-
MW - 16	11/12/12	-	-	63.85	0.00	-
MW - 16	02/11/13	-	-	64.31	0.00	-
MW - 16	03/28/13	-	-	64.08	0.00	-
MW - 16	04/10/13	-	-	64.11	0.00	-
MW - 16	05/13/13	-	-	64.18	0.00	-
MW - 16	05/24/13	-	-	64.20	0.00	-
MW - 16	06/26/13	-	-	64.24	0.00	-
MW - 16	07/31/13	-	-	64.26	0.00	-
MW - 16	08/14/13	-	-	64.32	0.00	-
MW - 16	09/03/13	-	-	64.34	0.00	-
MW - 16	09/30/13	-	-	64.40	0.00	-
MW - 16	11/18/13	-	-	64.51	0.00	-
MW - 17	04/21/10	-	-	62.16	0.00	-
MW - 17	05/21/10	-	-	62.17	0.00	-
MW - 17	08/19/10	-	-	62.18	0.00	-
MW - 17	11/19/10	-	-	62.41	0.00	-
MW - 17	03/01/11	-	-	62.44	0.00	-
MW - 17	05/03/11	-	-	62.77	0.00	-
MW - 17	08/16/11	-	-	62.91	0.00	-
MW - 17	11/28/11	-	-	63.06	0.00	-
MW - 17	02/27/12	-	-	63.22	0.00	-
MW - 17	05/29/12	-	-	63.32	0.00	-
MW - 17	08/14/12	-	-	63.52	0.00	-
MW - 17	11/12/12	-	-	63.63	0.00	-
MW - 17	02/11/13	-	-	63.77	0.00	-
MW - 17	03/28/13	-	-	63.86	0.00	-
MW - 17	04/10/13	-	-	63.89	0.00	-
MW - 17	05/13/13	-	-	63.96	0.00	-

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 17	05/24/13	-	-	63.96	0.00	-
MW - 17	06/26/13	-	-	64.03	0.00	-
MW - 17	07/31/13	-	-	64.02	0.00	-
MW - 17	08/14/03	-	-	64.12	0.00	-
MW - 17	09/30/13	-	-	64.19	0.00	-
MW - 17	11/18/13	-	-	64.29	0.00	-
RW - 1	09/27/05	-	57.95	66.80	8.85	-
RW - 1	10/03/05	-	57.93	66.81	8.88	-
RW - 1	10/11/05	-	57.91	66.79	8.88	-
RW - 1	10/18/05	-	57.90	66.80	8.90	-
RW - 1	10/25/05	-	57.95	66.79	8.84	-
RW - 1	11/02/05	-	57.95	66.80	8.85	-
RW - 1	11/09/05	-	57.96	66.80	8.84	-
RW - 1	11/16/05	-	57.95	66.78	8.83	-
RW - 1	11/23/05	-	57.96	66.81	8.85	-
RW - 1	11/30/05	-	57.97	66.82	8.85	-
RW - 1	12/08/05	-	57.95	66.80	8.85	-
RW - 1	12/12/05	-	57.95	66.80	8.85	-
RW - 1	12/20/05	-	58.00	66.65	8.65	-
RW - 1	12/29/05	-	58.00	66.65	8.65	-
RW - 1	01/03/06	-	58.01	66.61	8.60	-
RW - 1	01/05/06	-	58.05	66.55	8.50	-
RW - 1	01/06/06	-	58.25	65.65	7.40	-
RW - 1	01/09/06	-	58.05	66.55	8.50	-
RW - 1	01/12/06	-	58.07	66.50	8.43	-
RW - 1	01/13/06	-	58.20	65.85	7.65	-
RW - 1	01/16/06	-	58.05	66.50	8.45	-
RW - 1	01/18/06	-	58.11	66.39	8.28	-
RW - 1	01/20/06	-	58.07	66.53	8.46	-
RW - 1	01/23/06	-	58.06	66.50	8.44	-
RW - 1	01/25/06	-	58.08	66.50	8.42	-
RW - 1	01/27/06	-	58.05	66.45	8.40	-
RW - 1	01/30/06	-	58.08	66.48	8.40	-
RW - 1	02/01/06	-	58.12	66.46	8.34	-

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	02/03/06	-	58.17	66.32	8.15	-
RW - 1	02/06/06	-	58.13	66.47	8.34	-
RW - 1	02/13/06	-	58.09	66.47	8.38	-
RW - 1	02/16/06	-	58.15	66.44	8.29	-
RW - 1	02/21/06	-	58.14	66.47	8.33	-
RW - 1	02/23/06	-	58.17	66.46	8.29	-
RW - 1	02/27/06	-	58.16	66.41	8.25	-
RW - 1	03/02/06	-	58.13	66.40	8.27	-
RW - 1	03/03/06	-	58.46	64.97	6.51	-
RW - 1	03/06/06	-	58.16	66.36	8.20	-
RW - 1	03/07/06	-	58.20	66.14	7.94	-
RW - 1	03/10/06	-	58.15	66.34	8.19	-
RW - 1	03/15/06	-	58.18	66.35	8.17	-
RW - 1	03/20/06	-	58.16	66.34	8.18	-
RW - 1	03/24/06	-	58.15	66.35	8.20	-
RW - 1	03/27/06	-	58.17	66.31	8.14	-
RW - 1	03/29/06	-	58.18	66.30	8.12	-
RW - 1	03/31/06	-	58.18	66.31	8.13	-
RW - 1	04/03/06	-	58.17	66.30	8.13	-
RW - 1	04/05/06	-	58.16	66.37	8.21	-
RW - 1	04/07/06	-	58.18	66.39	8.21	-
RW - 1	04/11/06	-	58.15	66.40	8.25	-
RW - 1	04/13/06	-	58.19	66.38	8.19	-
RW - 1	04/14/06	-	58.20	66.23	8.03	-
RW - 1	04/17/06	-	58.19	66.40	8.21	-
RW - 1	04/19/06	-	58.18	66.41	8.23	-
RW - 1	04/24/06	-	58.21	66.37	8.16	-
RW - 1	04/25/06	-	58.22	66.39	8.17	-
RW - 1	05/01/06	-	57.14	66.45	9.31	-
RW - 1	05/02/06	-	57.53	66.49	8.96	-
RW - 1	05/05/06	-	58.18	66.42	8.24	-
RW - 1	05/09/06	-	58.20	66.39	8.19	-
RW - 1	05/10/06	-	58.19	66.39	8.20	-
RW - 1	05/11/06	-	58.19	66.40	8.21	-
RW - 1	05/15/06	-	58.21	66.41	8.20	-

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
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LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	05/16/06	-	58.20	66.41	8.21	-
RW - 1	05/18/06	-	58.22	66.39	8.17	-
RW - 1	05/22/06	-	58.21	66.53	8.32	-
RW - 1	05/24/06	-	58.21	66.49	8.28	-
RW - 1	05/25/06	-	58.25	66.41	8.16	-
RW - 1	05/30/06	-	58.21	66.54	8.33	-
RW - 1	05/31/06	-	58.26	66.39	8.13	-
RW - 1	06/02/06	-	58.23	66.44	8.21	-
RW - 1	06/06/06	-	58.24	66.56	8.32	-
RW - 1	06/08/06	-	58.23	66.54	8.31	-
RW - 1	06/13/06	-	58.21	66.56	8.35	-
RW - 1	06/15/06	-	58.24	66.54	8.30	-
RW - 1	06/16/06	-	58.28	66.52	8.24	-
RW - 1	06/19/06	-	58.16	66.37	8.21	-
RW - 1	06/20/06	-	58.23	66.51	8.28	-
RW - 1	06/21/06	-	57.25	65.66	8.41	-
RW - 1	06/29/06	-	57.25	65.66	8.41	-
RW - 1	06/30/06	-	57.30	65.56	8.26	-
RW - 1	07/03/06	-	57.30	65.66	8.36	-
RW - 1	07/05/06	-	57.32	65.67	8.35	-
RW - 1	07/07/06	-	57.31	65.68	8.37	-
RW - 1	07/10/06	-	57.32	65.71	8.39	-
RW - 1	07/11/06	-	57.30	65.75	8.45	-
RW - 1	07/12/06	-	57.35	65.53	8.18	-
RW - 1	07/14/06	-	57.31	65.66	8.35	-
RW - 1	07/17/06	-	57.30	65.67	8.37	-
RW - 1	07/19/06	-	57.32	65.66	8.34	-
RW - 1	07/21/06	-	57.32	65.65	8.33	-
RW - 1	07/24/06	-	57.30	65.69	8.39	-
RW - 1	07/26/06	-	57.31	65.67	8.36	-
RW - 1	07/28/06	-	57.32	65.68	8.36	-
RW - 1	08/01/06	-	57.32	65.71	8.39	-
RW - 1	08/02/06	-	57.38	65.46	8.08	-
RW - 1	08/04/06	-	57.33	65.65	8.32	-
RW - 1	08/07/06	-	57.34	65.70	8.36	-

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	08/09/06	-	57.34	65.67	8.33	-
RW - 1	08/10/06	-	57.35	65.67	8.32	-
RW - 1	08/14/06	-	57.34	65.71	8.37	-
RW - 1	08/17/06	-	57.35	65.72	8.37	-
RW - 1	08/18/06	-	57.34	65.70	8.36	-
RW - 1	09/28/05	-	57.92	66.77	8.85	-
RW - 1	10/25/05	-	57.75	67.29	9.54	-
RW - 1	11/29/05	-	57.96	66.79	8.83	-
RW - 1	12/29/05	-	58.00	66.65	8.65	-
RW - 1	01/27/06	-	58.08	66.50	8.42	-
RW - 1	02/28/06	-	58.05	66.45	8.40	-
RW - 1	08/25/06	-	57.39	65.76	8.37	-
RW - 1	09/14/06	-	56.34	69.70	13.36	-
RW - 1	09/15/06	-	56.65	68.65	12.00	-
RW - 1	09/18/06	-	56.73	67.95	11.22	-
RW - 1	09/21/06	-	56.90	66.27	9.37	-
RW - 1	09/26/06	-	56.98	66.78	9.80	-
RW - 1	09/27/06	-	57.04	66.40	9.36	-
RW - 1	09/28/06	-	57.13	65.95	8.82	-
RW - 1	10/02/06	-	57.10	66.31	9.21	-
RW - 1	10/04/06	-	57.16	66.23	9.07	-
RW - 1	10/06/06	-	57.19	66.15	8.96	-
RW - 1	10/09/06	-	57.22	66.07	8.85	-
RW - 1	10/11/06	-	57.25	65.95	8.70	-
RW - 1	10/16/06	-	57.28	65.88	8.60	-
RW - 1	10/18/06	-	57.31	67.77	10.46	-
RW - 1	10/20/06	-	57.31	65.75	8.44	-
RW - 1	10/23/06	-	57.29	66.66	9.37	-
RW - 1	10/25/06	-	57.34	65.66	8.32	-
RW - 1	10/27/06	-	57.36	65.64	8.28	-
RW - 1	10/30/06	-	57.38	65.61	8.23	-
RW - 1	11/01/06	-	57.36	65.54	8.18	-
RW - 1	11/03/06	-	57.38	65.52	8.14	-
RW - 1	11/06/06	-	57.38	65.49	8.11	-
RW - 1	11/08/06	-	57.39	65.52	8.13	-

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
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WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	11/10/06	-	57.50	65.49	7.99	-
RW - 1	11/13/06	-	57.41	65.46	8.05	-
RW - 1	11/15/06	-	57.48	65.42	7.94	-
RW - 1	11/17/06	-	57.44	65.42	7.98	-
RW - 1	11/20/06	-	57.46	65.46	8.00	-
RW - 1	11/22/06	-	57.45	65.42	7.97	-
RW - 1	11/27/06	-	57.46	65.48	8.02	-
RW - 1	11/29/06	-	57.49	65.44	7.95	-
RW - 1	12/01/06	-	57.49	65.44	7.95	-
RW - 1	12/04/06	-	57.50	65.46	7.96	-
RW - 1	12/06/06	-	57.51	65.43	7.92	-
RW - 1	12/08/06	-	57.51	65.42	7.91	-
RW - 1	12/12/06	-	57.59	65.70	8.11	-
RW - 1	12/15/06	-	57.69	64.65	6.96	-
RW - 1	12/18/06	-	57.65	64.75	7.10	-
RW - 1	01/05/07	-	59.81	59.96	0.15	-
RW - 1	01/10/07	-	58.90	59.45	0.55	-
RW - 1	01/12/07	-	59.21	62.72	3.51	-
RW - 1	01/16/07	-	57.78	64.54	6.76	-
RW - 1	01/25/07	-	57.85	64.40	6.55	-
RW - 1	01/26/07	-	57.76	64.64	6.88	-
RW - 1	01/29/07	-	57.81	64.48	6.67	-
RW - 1	02/01/07	-	57.83	64.47	6.64	-
RW - 1	02/06/07	-	57.77	64.78	7.01	-
RW - 1	02/09/07	-	57.81	64.68	6.87	-
RW - 1	02/13/07	-	57.79	64.67	6.88	-
RW - 1	02/16/07	-	58.15	65.04	6.89	-
RW - 1	02/20/07	-	57.71	65.15	7.44	-
RW - 1	02/21/07	-	57.74	65.03	7.29	-
RW - 1	02/22/07	-	57.82	64.71	6.89	-
RW - 1	02/28/07	-	57.81	64.75	6.94	-
RW - 1	03/02/07	-	57.85	64.64	6.79	-
RW - 1	03/06/07	-	57.80	64.82	7.02	-
RW - 1	03/14/07	-	57.82	64.81	6.99	-
RW - 1	03/19/07	-	57.86	64.68	6.82	-

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	04/02/07	-	57.91	64.72	6.81	-
RW - 1	04/09/07	-	58.03	64.71	6.68	-
RW - 1	04/12/07	-	57.84	64.84	7.00	-
RW - 1	04/16/07	-	57.89	64.68	6.79	-
RW - 1	04/24/07	-	57.88	64.77	6.89	-
RW - 1	04/26/07	-	57.78	65.24	7.46	-
RW - 1	04/30/07	-	57.87	64.86	6.99	-
RW - 1	05/04/07	-	57.91	64.85	6.94	-
RW - 1	05/11/07	-	57.92	64.90	6.98	-
RW - 1	05/16/07	-	57.84	65.29	7.45	-
RW - 1	05/18/07	-	57.92	64.82	6.90	-
RW - 1	05/21/07	-	57.94	64.86	6.92	-
RW - 1	05/29/07	-	57.85	65.19	7.34	-
RW - 1	05/31/07	-	57.85	65.19	7.34	-
RW - 1	06/01/07	-	57.90	65.05	7.15	-
RW - 1	06/07/07	-	59.22	59.46	0.24	-
RW - 1	06/11/07	-	59.22	59.39	0.17	-
RW - 1	06/13/07	-	59.08	59.99	0.91	-
RW - 1	06/18/07	-	58.73	61.36	2.63	-
RW - 1	06/21/07	-	58.34	63.19	4.85	-
RW - 1	07/02/07	-	59.10	64.63	5.53	-
RW - 1	07/06/07	-	57.94	65.24	7.30	-
RW - 1	08/29/07	-	58.09	65.04	6.95	-
RW - 1	10/26/07	-	58.12	65.33	7.21	-
RW - 1	11/12/07	-	58.14	65.28	7.14	-
RW - 1	11/21/07	-	58.17	65.36	7.19	-
RW - 1	11/28/07	-	58.18	65.36	7.18	-
RW - 1	11/30/07	-	58.25	64.75	6.50	-
RW - 1	12/13/07	-	58.05	66.00	7.95	-
RW - 1	01/16/08	-	58.42	64.78	6.36	-
RW - 1	02/11/08	-	DID NOT GAUGE			
RW - 1	05/12/08	-	58.40	65.66	7.26	-
RW - 1	06/06/08	-	58.41	65.76	7.35	-
RW - 1	08/13/08	-	58.48	66.11	7.63	-
RW - 1	08/13/08	-	58.48	66.11	7.63	-

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	10/09/08	-	58.66	66.36	7.70	-
RW - 1	10/21/08	-	58.50	66.44	7.94	-
RW - 1	11/11/08	-	58.52	66.47	7.95	-
RW - 1	01/07/09	-	58.64	66.55	7.91	-
RW - 1	01/14/09	-	58.65	66.59	7.94	-
RW - 1	01/23/09	-	58.61	68.52	9.91	-
RW - 1	01/30/09	-	58.61	66.51	7.90	-
RW - 1	02/09/09	-	58.68	66.63	7.95	-
RW - 1	02/19/09	-	60.35	61.05	0.70	-
RW - 1	03/04/09	-	59.72	68.01	8.29	-
RW - 1	03/08/09	-	58.69	66.63	7.94	-
RW - 1	03/11/09	-	58.72	66.63	7.91	-
RW - 1	03/17/09	-	59.83	68.04	8.21	-
RW - 1	03/19/09	-	58.71	66.64	7.93	-
RW - 1	03/24/09	-	58.75	66.53	7.78	-
RW - 1	03/26/09	-	59.87	67.92	8.05	-
RW - 1	04/03/09	-	58.73	66.73	8.00	-
RW - 1	04/08/09	-	58.73	66.69	7.96	-
RW - 1	04/15/09	-	58.75	66.69	7.94	-
RW - 1	04/17/09	-	58.70	66.61	7.91	-
RW - 1	04/21/09	-	58.71	66.60	7.89	-
RW - 1	04/24/09	-	58.81	62.40	3.59	-
RW - 1	04/29/09	-	58.79	66.72	7.93	-
RW - 1	05/06/09	-	58.81	66.68	7.87	-
RW - 1	05/11/09	-	58.82	66.70	7.88	-
RW - 1	05/14/09	-	58.82	66.70	7.88	-
RW - 1	05/28/09	-	58.85	66.78	7.93	-
RW - 1	06/02/09	-	58.85	66.73	7.88	-
RW - 1	06/09/09	-	58.87	66.74	7.87	-
RW - 1	06/16/09	-	58.85	66.74	7.89	-
RW - 1	06/22/09	-	58.89	66.79	7.90	-
RW - 1	06/30/09	-	58.88	66.80	7.92	-
RW - 1	07/06/09	-	58.86	66.81	7.95	-
RW - 1	07/10/09	-	60.41	63.40	2.99	-
RW - 1	07/13/09	-	-	-	-	-

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	07/28/09	-	-	-	-	-
RW - 1	08/12/09	-	-	-	-	-
RW - 1	08/12/09	-	59.73	63.00	3.27	-
RW - 1	11/24/09	-	60.23	61.99	1.76	-
RW - 1	01/12/10	-	60.25	62.03	1.78	-
RW - 1	02/11/10	-	59.91	64.06	4.15	-
RW - 1	05/21/10	-	61.65	62.09	0.44	-
RW - 1	08/19/10	-	60.67	62.40	1.73	-
RW - 1	11/19/10	-	60.71	62.33	1.62	-
RW - 1	03/01/11	-	60.70	62.34	1.64	-
RW - 1	05/03/11	-	61.01	65.36	4.35	-
RW - 1	08/16/11	-	60.79	68.22	7.43	-
RW - 1	10/21/11	-	60.58	63.61	3.03	-
RW - 1	11/28/11	-	62.23	63.70	1.47	-
RW - 1	12/20/11	-	62.28	62.91	0.63	-
RW - 1	12/29/11	-	61.30	66.32	5.02	-
RW - 1	01/17/12	-	60.81	66.40	5.59	-
RW - 1	01/26/12	-	61.14	66.56	5.42	-
RW - 1	01/31/12	-	61.63	64.64	3.01	-
RW - 1	02/14/12	-	60.72	66.52	5.80	-
RW - 1	02/21/12	-	61.54	65.61	4.07	-
RW - 1	02/27/12	-	61.23	66.53	5.30	-
RW - 1	03/07/12	-	61.19	66.62	5.43	-
RW - 1	03/13/12	-	59.78	66.57	6.79	-
RW - 1	03/20/12	-	60.75	66.82	6.07	-
RW - 1	03/22/12	-	60.85	66.43	5.58	-
RW - 1	03/27/12	-	61.29	66.57	5.28	-
RW - 1	04/03/12	-	61.71	66.67	4.96	-
RW - 1	04/05/12	-	61.38	66.43	5.05	-
RW - 1	04/10/12	-	60.82	66.54	5.72	-
RW - 1	04/12/12	-	60.85	66.55	5.70	-
RW - 1	04/17/12	-	60.79	66.68	5.89	-
RW - 1	04/19/12	-	61.32	66.57	5.25	-
RW - 1	04/26/12	-	61.36	66.68	5.32	-
RW - 1	05/08/12	-	61.37	66.69	5.32	-

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW - 1	05/29/12	-	60.99	68.39	7.40	-
RW - 1	06/07/12	-	61.12	66.44	5.32	-
RW - 1	06/12/12	-	61.22	66.60	5.38	-
RW - 1	06/19/12	-	61.23	66.60	5.37	-
RW - 1	06/26/12	-	61.24	66.61	5.37	-
RW - 1	07/03/12	-	61.24	66.63	5.39	-
RW - 1	07/10/12	-	61.26	66.65	5.39	-
RW - 1	08/14/12	-	61.53	66.82	5.29	-
RW - 1	10/09/12	-	-	-	-	-
RW - 1	10/16/12	-	62.05	65.00	2.95	-
RW - 1	10/30/12	-	62.32	63.05	0.73	-
RW - 1	11/12/12	-	61.19	67.04	5.85	-
RW - 1	02/11/13	-	61.09	63.94	2.85	-
RW - 1	03/28/13	-	62.63	63.41	0.78	-
RW - 1	05/13/13	-	62.37	63.97	1.60	-
RW - 1	05/24/13	-	62.42	63.74	1.32	-
RW - 1	06/26/13	-	62.53	63.88	1.35	-
RW - 1	07/11/13	-	62.88	63.88	1.00	-
RW - 1	07/31/13	-	61.60	67.93	6.33	-
RW - 1	08/14/13	-	62.08	67.14	5.06	-
RW - 1	09/30/13	-	61.62	68.58	6.96	-
RW - 1	11/18/13	-	62.40	66.69	4.29	-

TABLE 2

CONCENTRATIONS OF BENZENE IN GROUNDWATER

PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456

SAMPLE LOCATION	SAMPLE DATE	Methods: EPA SW 846-8021, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY LIMIT		0.01	0.75	0.75	0.62	
MW - 1	09/29/06	<0.001	<0.001	<0.001	<0.001	
MW - 1	12/12/06	<0.001	<0.001	<0.001	<0.001	
MW - 1	03/19/07	<0.001	<0.001	<0.001	<0.001	
MW - 1	05/31/07	<0.001	<0.001	<0.001	<0.001	
MW - 1	08/29/07	<0.001	<0.001	<0.001	<0.001	
MW - 1	11/12/07	<0.005	<0.005	<0.005	<0.001	
MW - 1	02/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 1	05/12/08	<0.001	<0.001	<0.001	<0.001	
MW - 1	08/13/08	<0.001	<0.001	<0.001	<0.001	
MW - 1	11/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 1	02/09/09	<0.001	<0.001	<0.001	<0.001	
MW - 1	05/11/09	<0.001	<0.001	0.0059	<0.001	
MW - 1	08/12/09	<0.001	<0.001	<0.001	<0.001	
MW - 1	11/24/09	<0.001	<0.001	<0.001	<0.001	
MW - 1	02/11/10	<0.001	<0.001	<0.001	<0.001	
MW - 1	05/20/10	<0.001	<0.001	<0.001	<0.001	
MW - 1	08/19/10	<0.001	<0.001	<0.001	<0.001	
MW - 1	11/19/10	<0.001	<0.001	<0.001	<0.001	
MW - 1	03/01/11	<0.001	<0.001	<0.001	<0.001	
MW - 1	05/03/11	<0.001	<0.001	<0.001	<0.001	
MW - 1	08/16/11	<0.001	<0.001	<0.001	<0.001	
MW - 1	11/28/11	<0.001	<0.001	<0.001	<0.001	
MW - 1	02/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 1	05/30/12	<0.001	<0.001	<0.001	<0.001	
MW - 1	08/14/12	<0.001	<0.001	<0.001	<0.001	
MW - 1	11/12/12	<0.001	<0.001	<0.001	<0.001	
MW - 1	02/11/13	Not Sampled on Current Sample Schedule				
MW - 1	05/13/13	Not Sampled on Current Sample Schedule				
MW - 1	08/14/13	Not Sampled on Current Sample Schedule				
MW - 1	11/18/13	<0.001	<0.001	<0.001	<0.00300	
MW - 2	09/29/06	<0.001	<0.001	<0.001	<0.001	
MW - 2	12/12/06	<0.001	<0.001	<0.001	<0.001	
MW - 2	03/19/07	<0.001	<0.001	<0.001	<0.001	
MW - 2	05/31/07	<0.001	<0.001	<0.001	<0.001	
MW - 2	08/29/07	<0.001	<0.001	<0.001	<0.001	
MW - 2	11/12/07	0.0015	<0.001	<0.001	<0.001	
MW - 2	02/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 2	05/12/08	<0.001	<0.001	<0.001	<0.001	
MW - 2	08/13/08	<0.001	<0.001	<0.001	<0.001	
MW - 2	11/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 2	02/09/09	<0.001	<0.001	<0.001	<0.001	
MW - 2	05/11/09	<0.001	<0.001	<0.001	<0.001	
MW - 2	08/12/09	<0.001	<0.001	<0.001	<0.001	
MW - 2	11/24/09	<0.001	<0.001	<0.001	<0.001	
MW - 2	02/11/10	<0.001	<0.001	<0.001	<0.001	
MW - 2	05/20/10	<0.001	<0.001	<0.001	<0.001	
MW - 2	08/19/10	<0.001	<0.001	<0.001	<0.001	
MW - 2	11/19/10	<0.001	<0.001	<0.001	<0.001	
MW - 2	03/01/11	<0.001	<0.001	<0.001	<0.001	
MW - 2	05/03/11	<0.001	<0.001	<0.001	<0.001	
MW - 2	08/16/11	<0.001	<0.001	<0.001	<0.001	
MW - 2	11/28/11	<0.001	<0.001	<0.001	<0.001	
MW - 2	02/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 2	05/30/12	<0.001	<0.001	<0.001	<0.001	
MW - 2	08/14/12	<0.001	<0.001	<0.001	<0.001	
MW - 2	11/12/12	<0.001	<0.001	<0.001	<0.001	
MW - 2	02/11/13	Not Sampled on Current Sample Schedule				
MW - 2	05/13/13	Not Sampled on Current Sample Schedule				
MW - 2	08/14/13	Not Sampled on Current Sample Schedule				
MW - 2	11/18/13	<0.001	<0.001	<0.001	<0.00300	

TABLE 2

CONCENTRATIONS OF BENZENE IN GROUNDWATER

PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456

SAMPLE LOCATION	SAMPLE DATE	Methods: EPA SW 846-8021, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY LIMIT		0.01	0.75	0.75	0.62	
MW - 3	09/29/06	4.8500	4.4200	0.4390	1.550	
MW - 3	12/12/06	Not sampled Due to PSH in Well				
MW - 3	03/19/07	Not sampled Due to PSH in Well				
MW - 3	05/31/07	Not sampled Due to PSH in Well				
MW - 3	08/29/07	Not sampled Due to PSH in Well				
MW - 3	11/12/07	Not sampled Due to PSH in Well				
MW - 3	02/11/08	Not sampled Due to PSH in Well				
MW - 3	05/12/08	Not sampled Due to PSH in Well				
MW - 3	08/13/08	Not sampled Due to PSH in Well				
MW - 3	11/11/08	Not sampled Due to Insufficient Water Volume				
MW - 3	02/09/09	Not sampled Due to PSH in Well				
MW - 3	05/11/09	Not sampled Due to PSH in Well				
MW - 3	08/12/09	Not sampled Due to PSH in Well				
MW - 3	11/24/09	7.5400	8.9700	1.5500	5.020	
MW - 3	02/11/10	Not sampled Due to PSH in Well				
MW - 3	05/20/10	Not sampled Due to PSH in Well				
MW - 3	08/19/10	Not sampled Due to PSH in Well				
MW - 3	11/19/10	Not sampled Due to PSH in Well				
MW - 3	03/01/11	Not sampled Due to PSH in Well				
MW - 3	05/03/11	Not sampled Due to PSH in Well				
MW - 3	08/16/11	Not sampled Due to PSH in Well				
MW - 3	11/28/11	Not sampled Due to PSH in Well				
MW - 3	02/27/12	Not sampled Due to PSH in Well				
MW - 3	05/29/12	Not sampled Due to PSH in Well				
MW - 3	08/14/12	Not sampled Due to PSH in Well				
MW - 3	11/12/12	Not sampled Due to PSH in Well				
MW - 3	02/11/13	Not sampled Due to PSH in Well				
MW - 3	05/13/13	Not sampled Due to PSH in Well				
MW - 3	08/14/13	Not sampled Due to PSH in Well				
MW - 3	11/18/13	Not sampled Due to PSH in Well				
MW - 4	09/29/06	0.0092	0.0048	<0.001	0.0021	
MW - 4	12/12/06	0.4150	0.3310	0.0620	0.1940	
MW - 4	03/19/07	2.4900	1.8600	0.2820	0.950	
MW - 4	05/31/07	6.2700	3.8000	0.3020	0.981	
MW - 4	08/29/07	Not sampled Due to PSH in Well				
MW - 4	11/12/07	Not sampled Due to PSH in Well				
MW - 4	02/11/08	Not sampled Due to PSH in Well				
MW - 4	05/12/08	Not sampled Due to PSH in Well				
MW - 4	08/13/08	Not sampled Due to PSH in Well				
MW - 4	11/11/08	1.780	1.870	0.4030	1.170	
MW - 4	02/09/09	Not sampled Due to PSH in Well				
MW - 4	05/11/09	Not sampled Due to PSH in Well				
MW - 4	08/12/09	Not sampled Due to PSH in Well				
MW - 4	11/24/09	3.940	3.670	0.5780	1.630	
MW - 4	02/11/10	Not sampled Due to PSH in Well				
MW - 4	05/20/10	Not sampled Due to PSH in Well				
MW - 4	08/19/10	Not sampled Due to PSH in Well				
MW - 4	11/19/10	Not sampled Due to PSH in Well				
MW - 4	03/01/11	Not sampled Due to PSH in Well				
MW - 4	05/03/11	Not sampled Due to PSH in Well				
MW - 4	08/16/11	Not sampled Due to PSH in Well				
MW - 4	11/28/11	Not sampled Due to PSH in Well				
MW - 4	02/27/12	Not sampled Due to PSH in Well				
MW - 4	05/29/12	Not sampled Due to PSH in Well				
MW - 4	08/14/12	Not sampled Due to PSH in Well				
MW - 4	11/12/12	Not sampled Due to PSH in Well				
MW - 4	02/11/13	Not sampled Due to PSH in Well				
MW - 4	06/27/13	0.176	<0.200	<0.200	0.127	
MW - 4	08/14/13	0.839	<0.00500	0.2950	1.250	
MW - 4	11/18/13	1.540	<0.0500	<0.0500	0.354	

TABLE 2

CONCENTRATIONS OF BENZENE IN GROUNDWATER

PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456

SAMPLE LOCATION	SAMPLE DATE	Methods: EPA SW 846-8021, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY LIMIT		0.01	0.75	0.75	0.62	
MW - 5	09/29/06	<0.001	<0.001	<0.001	<0.001	
MW - 5	12/12/06	<0.001	<0.001	<0.001	<0.001	
MW - 5	03/19/07	0.163	<0.001	0.0359	0.0469	
MW - 5	05/31/07	2.390	<0.02	0.1550	0.2750	
MW - 5	08/29/07	4.720	<0.02	0.3300	0.6350	
MW - 5	11/12/07	6.100	<0.2	0.4510	<0.2	
MW - 5	02/11/08	7.660	<0.100	0.4410	0.2760	
MW - 5	05/12/08	9.040	<0.050	0.5430	0.1180	
MW - 5	08/13/08	6.600	<0.050	0.2200	<0.050	
MW - 5	11/11/08	6.470	0.2360	0.820	1.090	
MW - 5	02/09/09	6.830	<0.001	0.271	0.103	
MW - 5	05/11/09	1.560	<0.1	0.546	<0.1	
MW - 5	08/12/09	0.936	<0.020	0.155	0.212	
MW - 5	11/24/09	1.320	0.1630	0.081	0.060	
MW - 5	02/11/10	0.538	0.1210	0.079	0.132	
MW - 5	05/20/10	Not sampled Due to PSH in Well				
MW - 5	08/19/10	Not sampled Due to PSH in Well				
MW - 5	11/19/10	Not sampled Due to PSH in Well				
MW - 5	03/01/11	Not sampled Due to PSH in Well				
MW - 5	05/03/11	Not sampled Due to PSH in Well				
MW - 5	08/16/11	Not sampled Due to PSH in Well				
MW - 5	11/28/11	Not sampled Due to PSH in Well				
MW - 5	02/27/12	Not sampled Due to PSH in Well				
MW - 5	05/29/12	Not sampled Due to PSH in Well				
MW - 5	08/14/12	Not sampled Due to PSH in Well				
MW - 5	11/12/12	Not sampled Due to PSH in Well				
MW - 5	02/11/13	Not sampled Due to PSH in Well				
MW - 5	05/13/13	Not sampled Due to PSH in Well				
MW - 5	08/14/13	Not sampled Due to PSH in Well				
MW - 5	11/18/13	Not sampled Due to PSH in Well				
MW - 6	09/29/06	<0.001	0.0010	<0.001	0.0014	
MW - 6	12/12/06	<0.001	<0.001	<0.001	<0.001	
MW - 6	03/19/07	<0.001	<0.001	<0.001	<0.001	
MW - 6	05/31/07	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/29/07	<0.001	<0.001	<0.001	<0.001	
MW - 6	11/12/07	<0.001	<0.001	<0.001	<0.001	
MW - 6	02/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 6	05/12/08	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/13/08	<0.001	<0.001	<0.001	<0.001	
MW - 6	11/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 6	02/09/09	<0.001	<0.001	<0.001	<0.001	
MW - 6	05/11/09	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/12/09	<0.001	<0.001	<0.001	<0.001	
MW - 6	11/24/09	<0.001	<0.001	<0.001	<0.001	
MW - 6	02/11/10	<0.001	<0.001	<0.001	<0.001	
MW - 6	05/20/10	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/19/10	<0.001	<0.001	<0.001	<0.001	
MW - 6	11/19/10	<0.001	<0.001	<0.001	<0.001	
MW - 6	03/01/11	<0.001	<0.001	<0.001	<0.001	
MW - 6	05/03/11	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/16/11	<0.001	<0.001	<0.001	<0.001	
MW - 6	11/28/11	<0.001	<0.001	<0.001	<0.001	
MW - 6	02/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 6	05/30/12	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/14/12	<0.001	<0.001	<0.001	<0.001	
MW - 6	11/12/12	<0.001	<0.001	<0.001	<0.001	
MW - 6	02/11/13	Not Sampled on Current Sample Schedule				
MW - 6	05/13/13	Not Sampled on Current Sample Schedule				
MW - 6	08/14/13	Not Sampled on Current Sample Schedule				
MW - 6	11/18/13	<0.001	<0.001	<0.001	<0.00300	

TABLE 2

CONCENTRATIONS OF BENZENE IN GROUNDWATER

PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456

SAMPLE LOCATION	SAMPLE DATE	Methods: EPA SW 846-8021, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY LIMIT		0.01	0.75	0.75	0.62	
MW - 7	09/29/06	<0.001	<0.001	<0.001	<0.001	
MW - 7	12/12/06	<0.001	<0.001	<0.001	<0.001	
MW - 7	03/19/07	<0.001	<0.001	<0.001	<0.001	
MW - 7	05/31/07	<0.001	<0.001	<0.001	<0.001	
MW - 7	08/29/07	<0.005	<0.005	<0.005	<0.001	
MW - 7	11/12/07	<0.001	<0.001	<0.001	<0.001	
MW - 7	02/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 7	05/12/08	<0.001	<0.001	<0.001	<0.001	
MW - 7	08/13/08	<0.001	<0.001	<0.001	<0.001	
MW - 7	11/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 7	02/09/09	<0.001	0.0014	<0.001	<0.001	
MW - 7	05/11/09	<0.001	<0.001	<0.001	<0.001	
MW - 7	08/12/09	<0.001	<0.001	<0.001	<0.001	
MW - 7	11/24/09	<0.001	<0.001	<0.001	<0.001	
MW - 7	02/11/10	<0.001	<0.001	<0.001	<0.001	
MW - 7	05/20/10	<0.001	<0.001	<0.001	<0.001	
MW - 7	08/19/10	<0.001	<0.001	<0.001	<0.001	
MW - 7	11/19/10	<0.001	<0.001	<0.001	<0.001	
MW - 7	03/01/11	<0.001	<0.001	<0.001	<0.001	
MW - 7	05/03/11	<0.001	<0.001	<0.001	<0.001	
MW - 7	08/16/11	<0.001	<0.001	<0.001	<0.001	
MW - 7	11/28/11	<0.001	<0.001	<0.001	<0.001	
MW - 7	02/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 7	05/29/12	<0.001	<0.001	<0.001	<0.001	
MW - 7	08/14/12	<0.001	<0.001	<0.001	<0.001	
MW - 7	11/12/12	<0.001	<0.001	<0.001	<0.001	
MW - 7	02/11/13	Not Sampled on Current Sample Schedule				
MW - 7	05/13/13	<0.001	<0.001	<0.001	<0.001	
MW - 7	08/14/13	Not Sampled on Current Sample Schedule				
MW - 7	11/18/13	<0.001	<0.001	<0.001	<0.00300	
MW - 8	09/29/06	0.0751	0.1250	0.0251	0.0927	
MW - 8	03/19/07	Not sampled Due to PSH in Well				
MW - 8	05/31/07	Not sampled Due to PSH in Well				
MW - 8	08/29/07	Not sampled Due to PSH in Well				
MW - 8	11/12/07	1.2400	0.7690	0.2660	0.7370	
MW - 8	02/11/08	Not sampled Due to PSH in Well				
MW - 8	05/12/08	Not sampled Due to PSH in Well				
MW - 8	08/13/08	Not sampled Due to PSH in Well				
MW - 8	11/11/08	2.470	4.340	0.7080	1.960	
MW - 8	02/09/09	Not sampled Due to PSH in Well				
MW - 8	05/11/09	Not sampled Due to PSH in Well				
MW - 8	08/12/09	Not sampled Due to PSH in Well				
MW - 8	11/24/09	1.740	4.450	0.7740	2.240	
MW - 8	02/11/10	Not sampled Due to PSH in Well				
MW - 8	05/20/10	Not sampled Due to PSH in Well				
MW - 8	08/19/10	Not sampled Due to PSH in Well				
MW - 8	11/19/10	Not sampled Due to PSH in Well				
MW - 8	03/01/11	Not sampled Due to PSH in Well				
MW - 8	05/03/11	Not sampled Due to PSH in Well				
MW - 8	08/16/11	Not sampled Due to PSH in Well				
MW - 8	11/28/11	Not sampled Due to PSH in Well				
MW - 8	02/27/12	Not sampled Due to PSH in Well				
MW - 8	05/29/12	Not sampled Due to PSH in Well				
MW - 8	08/14/12	Not sampled Due to PSH in Well				
MW - 8	11/12/12	Not sampled Due to PSH in Well				
MW - 8	02/11/13	Not sampled Due to PSH in Well				
MW - 8	05/13/13	Not sampled Due to PSH in Well				
MW - 8	08/14/13	0.221	0.310	0.1490	0.539	
MW - 8	11/18/13	0.204	0.119	0.1580	0.602	

TABLE 2

CONCENTRATIONS OF BENZENE IN GROUNDWATER

PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456

SAMPLE LOCATION	SAMPLE DATE	Methods: EPA SW 846-8021, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY LIMIT		0.01	0.75	0.75	0.62	
MW - 9	09/29/06	5.870	3.540	0.6010	2.160	
MW - 9	03/19/07	Not sampled Due to PSH in Well				
MW - 9	05/31/07	Not sampled Due to PSH in Well				
MW - 9	08/29/07	Not sampled Due to PSH in Well				
MW - 9	11/12/07	Not sampled Due to PSH in Well				
MW - 9	02/11/08	Not sampled Due to PSH in Well				
MW - 9	05/12/08	Not sampled Due to PSH in Well				
MW - 9	08/13/08	Not sampled Due to PSH in Well				
MW - 9	11/11/08	Not sampled Due to Insufficient Water Volume				
MW - 9	02/09/09	Not sampled Due to PSH in Well				
MW - 9	05/11/09	Not sampled Due to PSH in Well				
MW - 9	08/12/09	Not sampled Due to PSH in Well				
MW - 9	11/24/09	10.400	9.180	1.2600	4.070	
MW - 9	02/11/10	Not sampled Due to PSH in Well				
MW - 9	05/20/10	Not sampled Due to PSH in Well				
MW - 9	08/19/10	Not sampled Due to PSH in Well				
MW - 9	11/19/10	Not sampled Due to PSH in Well				
MW - 9	03/01/11	Not sampled Due to PSH in Well				
MW - 9	05/03/11	Not sampled Due to PSH in Well				
MW - 9	08/16/11	Not sampled Due to PSH in Well				
MW - 9	11/28/11	Not sampled Due to PSH in Well				
MW - 9	02/27/12	Not sampled Due to PSH in Well				
MW - 9	05/29/12	Not sampled Due to PSH in Well				
MW - 9	08/14/12	Not sampled Due to PSH in Well				
MW - 9	11/12/12	Not sampled Due to PSH in Well				
MW - 9	02/11/13	Not sampled Due to PSH in Well				
MW - 9	05/13/13	Not sampled Due to PSH in Well				
MW - 9	08/14/13	Not sampled Due to PSH in Well				
MW - 9	11/18/13	Not sampled Due to PSH in Well				
MW - 10	09/29/06	1.930	0.8460	0.0802	0.2280	
MW - 10	12/12/06	0.0363	0.0032	0.0060	0.0151	
MW - 10	03/19/07	5.300	1.980	0.4010	1.270	
MW - 10	05/31/07	Not sampled Due to PSH in Well				
MW - 10	08/29/07	Not sampled Due to PSH in Well				
MW - 10	11/12/07	Not sampled Due to PSH in Well				
MW - 10	02/11/08	Not sampled Due to PSH in Well				
MW - 10	05/12/08	Not sampled Due to PSH in Well				
MW - 10	08/13/08	Not sampled Due to PSH in Well				
MW - 10	11/11/08	6.540	6.410	1.220	3.710	
MW - 10	02/09/09	Not sampled Due to PSH in Well				
MW - 10	05/11/09	Not sampled Due to PSH in Well				
MW - 10	08/12/09	Not sampled Due to PSH in Well				
MW - 10	11/24/09	6.450	5.390	0.802	2.380	
MW - 10	02/11/10	Not sampled Due to PSH in Well				
MW - 10	05/20/10	Not sampled Due to PSH in Well				
MW - 10	08/19/10	Not sampled Due to PSH in Well				
MW - 10	11/19/10	Not sampled Due to PSH in Well				
MW - 10	03/01/11	Not sampled Due to PSH in Well				
MW - 10	05/03/11	Not sampled Due to PSH in Well				
MW - 10	08/16/11	Not sampled Due to PSH in Well				
MW - 10	11/28/11	Not sampled Due to PSH in Well				
MW - 10	02/27/12	Not sampled Due to PSH in Well				
MW - 10	05/29/12	Not sampled Due to PSH in Well				
MW - 10	08/14/12	Not sampled Due to PSH in Well				
MW - 10	11/12/12	Not sampled Due to PSH in Well				
MW - 10	02/11/13	Not sampled Due to PSH in Well				
MW - 10	05/13/13	Not sampled Due to PSH in Well				
MW - 10	08/14/13	Not sampled Due to PSH in Well				
MW - 10	11/18/13	Not sampled Due to PSH in Well				

TABLE 2

CONCENTRATIONS OF BENZENE IN GROUNDWATER

PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456

SAMPLE LOCATION	SAMPLE DATE	Methods: EPA SW 846-8021, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY LIMIT		0.01	0.75	0.75	0.62	
MW - 11	12/12/06	<0.001	<0.001	<0.001	<0.001	
MW - 11	12/12/06	<0.001	<0.001	<0.001	<0.001	
MW - 11	03/19/07	<0.001	<0.001	<0.001	<0.001	
MW - 11	05/31/07	<0.001	<0.001	<0.001	<0.001	
MW - 11	08/29/07	<0.005	<0.005	<0.005	<0.005	
MW - 11	11/12/07	<0.001	<0.001	<0.001	<0.001	
MW - 11	02/11/08	0.0054	0.0124	0.0319	0.1350	
MW - 11	05/12/08	0.1140	0.2690	0.1130	0.4540	
MW - 11	08/13/08	0.0985	0.2030	0.0592	0.1370	
MW - 11	11/11/08	0.5440	0.2330	0.1620	0.1860	
MW - 11	02/09/09	Not sampled Due to PSH in Well				
MW - 11	05/11/09	Not sampled Due to PSH in Well				
MW - 11	08/12/09	Not sampled Due to PSH in Well				
MW - 11	11/24/09	1.290	2.920	0.566	1.690	
MW - 11	02/11/10	Not sampled Due to PSH in Well				
MW - 11	05/20/10	Not sampled Due to PSH in Well				
MW - 11	08/19/10	Not sampled Due to PSH in Well				
MW - 11	11/19/10	Not sampled Due to PSH in Well				
MW - 11	03/01/11	Not sampled Due to PSH in Well				
MW - 11	05/03/11	Not sampled Due to PSH in Well				
MW - 11	08/16/11	Not sampled Due to PSH in Well				
MW - 11	11/28/11	Not sampled Due to PSH in Well				
MW - 11	02/27/12	Not sampled Due to PSH in Well				
MW - 11	05/29/12	Not sampled Due to PSH in Well				
MW - 11	08/14/12	Not sampled Due to PSH in Well				
MW - 11	11/12/12	Not sampled Due to PSH in Well				
MW - 11	02/11/13	Not sampled Due to PSH in Well				
MW - 11	05/13/13	Not sampled Due to PSH in Well				
MW - 11	08/14/13	Not sampled Due to PSH in Well				
MW - 11	11/18/13	Not sampled Due to PSH in Well				
MW - 12	12/12/06	<0.001	<0.001	<0.001	<0.001	
MW - 12	12/12/06	<0.001	<0.001	<0.001	<0.001	
MW - 12	03/19/07	<0.001	<0.001	<0.001	<0.001	
MW - 12	05/31/07	<0.001	<0.001	<0.001	<0.001	
MW - 12	08/29/07	<0.005	<0.005	<0.005	<0.001	
MW - 12	11/12/07	<0.001	<0.001	<0.001	<0.001	
MW - 12	02/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 12	05/12/08	<0.001	<0.001	<0.001	<0.001	
MW - 12	08/13/08	<0.001	<0.001	<0.001	<0.001	
MW - 12	11/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 12	02/09/09	<0.001	<0.001	<0.001	<0.001	
MW - 12	05/11/09	<0.001	<0.001	<0.001	<0.001	
MW - 12	08/12/09	<0.001	<0.001	<0.001	<0.001	
MW - 12	11/24/09	<0.001	<0.001	<0.001	<0.001	
MW - 12	02/11/10	0.0782	<0.001	<0.001	0.0071	
MW - 12	05/20/10	0.9820	<0.010	0.0259	0.0782	
MW - 12	08/19/10	0.6350	<0.010	<0.010	0.0306	
MW - 12	11/19/10	0.6190	<0.010	<0.010	0.0982	
MW - 12	03/01/11	0.3810	<0.010	<0.010	<0.0100	
MW - 12	05/03/11	2.3900	<0.010	<0.010	0.0695	
MW - 12	08/16/11	0.3350	<0.010	<0.010	<0.010	
MW - 12	11/28/11	0.2170	<0.010	<0.010	<0.010	
MW - 12	02/27/12	0.0084	<0.001	0.0075	0.0288	
MW - 12	05/30/12	<0.001	<0.001	0.0335	0.0137	
MW - 12	08/14/12	<0.001	<0.001	<0.001	<0.001	
MW - 12	11/12/12	<0.001	<0.001	0.0707	0.0707	
MW - 12	02/11/13	<0.001	<0.001	<0.001	<0.001	
MW - 12	05/13/13	<0.001	<0.001	0.0321	<0.001	
MW - 12	08/14/13	<0.00100	<0.001	<0.00100	<0.001	
MW - 12	11/18/13	<0.00100	<0.001	<0.00100	<0.00300	

TABLE 2

CONCENTRATIONS OF BENZENE IN GROUNDWATER

PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456

SAMPLE LOCATION	SAMPLE DATE	Methods: EPA SW 846-8021, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY LIMIT		0.01	0.75	0.75	0.62	
MW - 13	08/13/08	<0.005	<0.005	<0.005	<0.005	
MW - 13	11/11/08	0.0752	<0.001	<0.001	0.0042	
MW - 13	02/09/09	1.720	<0.002	<0.002	<0.002	
MW - 13	05/11/09	5.260	<0.002	0.1380	0.3110	
MW - 13	08/12/09	8.310	<0.050	0.6300	0.59	
MW - 13	11/24/09	8.780	<0.050	0.2910	<0.050	
MW - 13	02/11/10	9.400	<0.050	0.2920	0.257	
MW - 13	05/20/10	11.400	<0.050	0.1340	<0.050	
MW - 13	08/19/10	10.200	<0.050	<0.050	<0.050	
MW - 13	11/19/10	8.820	<0.050	<0.050	<0.050	
MW - 13	03/01/11	7.280	0.3430	0.4340	1.14	
MW - 13	05/03/11	9.230	<0.050	<0.050	<0.050	
MW - 13	08/16/11	5.940	<0.050	<0.050	<0.050	
MW - 13	11/28/11	3.520	<0.050	<0.050	<0.050	
MW - 13	02/27/12	5.080	<0.050	<0.050	<0.050	
MW - 13	05/30/12	1.880	<0.050	0.0568	<0.050	
MW - 13	08/14/12	0.0015	<0.001	<0.001	<0.001	
MW - 13	11/12/12	0.0080	<0.001	0.0609	0.0689	
MW - 13	02/11/13	<0.001	<0.001	<0.001	<0.001	
MW - 13	05/13/13	<0.001	<0.001	0.0234	0.00960	
MW - 13	08/14/13	0.0021	<0.00100	0.0061	0.01150	
MW - 13	11/18/13	0.0063	<0.00100	0.0054	<0.00300	
MW - 14	08/13/08	<0.005	<0.005	<0.005	<0.005	
MW - 14	11/11/08	0.0013	<0.001	<0.001	<0.001	
MW - 14	02/09/09	<0.001	<0.001	<0.001	<0.001	
MW - 14	05/11/09	<0.001	<0.001	<0.001	<0.001	
MW - 14	08/12/09	0.0108	<0.001	<0.001	<0.001	
MW - 14	11/24/09	0.0108	<0.001	<0.001	<0.001	
MW - 14	02/11/10	<0.001	<0.001	<0.001	<0.001	
MW - 14	05/20/10	<0.001	<0.001	<0.001	<0.001	
MW - 14	08/19/10	<0.001	<0.001	<0.001	<0.001	
MW - 14	11/19/10	<0.001	<0.001	<0.001	<0.001	
MW - 14	03/01/11	<0.001	<0.001	<0.001	<0.001	
MW - 14	05/03/11	<0.001	<0.001	<0.001	<0.001	
MW - 14	08/16/11	<0.001	<0.001	<0.001	<0.001	
MW - 14	11/28/11	<0.001	<0.001	<0.001	<0.001	
MW - 14	02/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 14	05/30/12	<0.001	<0.001	<0.001	<0.001	
MW - 14	08/14/12	<0.001	<0.001	<0.001	<0.001	
MW - 14	11/12/12	<0.001	<0.001	<0.001	<0.001	
MW - 14	02/11/13	<0.001	<0.001	<0.001	<0.001	
MW - 14	05/13/13	<0.001	<0.001	<0.001	<0.001	
MW - 14	08/14/13	<0.001	<0.001	<0.001	<0.001	
MW - 14	11/18/13	<0.001	<0.001	<0.001	<0.00300	
MW - 15	08/19/10	<0.001	<0.001	<0.001	<0.001	
MW - 15	11/19/10	<0.001	<0.001	<0.001	<0.001	
MW - 15	03/01/11	<0.001	<0.001	<0.001	<0.001	
MW - 15	05/03/11	<0.001	<0.001	<0.001	<0.001	
MW - 15	08/16/11	<0.001	<0.001	<0.001	<0.001	
MW - 15	11/28/11	<0.001	<0.001	<0.001	<0.001	
MW - 15	02/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 15	05/29/12	<0.001	<0.001	<0.001	<0.001	
MW - 15	08/14/12	<0.001	<0.001	<0.001	<0.001	
MW - 15	11/12/12	<0.001	<0.001	<0.001	<0.001	
MW - 15	02/11/13	<0.001	<0.001	<0.001	<0.001	
MW - 15	05/13/13	<0.001	<0.001	<0.001	<0.001	
MW - 15	08/14/13	<0.001	<0.001	<0.001	<0.001	
MW - 15	11/18/13	<0.001	<0.001	<0.001	<0.00300	

TABLE 2

CONCENTRATIONS OF BENZENE IN GROUNDWATER

PLAINS MARKETING, L.P.
34 JUNCTION SOUTH STATION
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NO. 1R-0456

SAMPLE LOCATION	SAMPLE DATE	Methods: EPA SW 846-8021, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY LIMIT		0.01	0.75	0.75	0.62	
MW - 16	08/19/10	<0.001	<0.001	<0.001	<0.001	
MW - 16	11/19/10	<0.001	<0.001	<0.001	<0.001	
MW - 16	03/01/11	<0.001	<0.001	<0.001	<0.001	
MW - 16	05/03/11	<0.001	<0.001	<0.001	<0.001	
MW - 16	08/16/11	<0.001	<0.001	<0.001	<0.001	
MW - 16	11/28/11	<0.001	<0.001	<0.001	<0.001	
MW - 16	02/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 16	05/29/12	<0.001	<0.001	<0.001	<0.001	
MW - 16	08/14/12	<0.001	<0.001	<0.001	<0.001	
MW - 16	11/12/12	<0.001	<0.001	<0.001	<0.001	
MW - 16	02/11/13	<0.001	<0.001	<0.001	<0.001	
MW - 16	05/13/13	<0.001	<0.001	<0.001	<0.001	
MW - 16	08/14/13	0.1840	<0.001	<0.001	<0.001	
MW - 16	09/03/13	0.2050	<0.00100	<0.00100	<0.001	
MW - 16	11/18/13	0.9310	<0.00100	<0.00100	<0.00300	
MW - 17	08/19/10	<0.001	<0.001	<0.001	<0.001	
MW - 17	11/19/10	<0.001	<0.001	<0.001	<0.001	
MW - 17	03/01/11	<0.001	<0.001	<0.001	<0.001	
MW - 17	05/03/11	<0.001	<0.001	<0.001	<0.001	
MW - 17	08/16/11	<0.001	<0.001	<0.001	<0.001	
MW - 17	11/28/11	<0.001	<0.001	<0.001	<0.001	
MW - 17	02/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 17	05/29/12	<0.001	<0.001	<0.001	<0.001	
MW - 17	08/14/12	<0.001	<0.001	<0.001	<0.001	
MW - 17	11/12/12	<0.001	<0.001	<0.001	<0.001	
MW - 17	02/11/13	Not Sampled on Current Sample Schedule				
MW - 17	05/13/13	Not Sampled on Current Sample Schedule				
MW - 17	08/14/13	Not Sampled on Current Sample Schedule				
MW - 17	11/18/13	<0.001	<0.001	<0.001	<0.00300	
RW - 1	09/29/06	7.860	8.800	0.986	3.200	
RW - 1	03/19/07	Not sampled Due to PSH in Well				
RW - 1	05/31/07	Not sampled Due to PSH in Well				
RW - 1	08/29/07	Not sampled Due to PSH in Well				
RW - 1	11/12/07	Not sampled Due to PSH in Well				
RW - 1	02/11/08	Not sampled Due to PSH in Well				
RW - 1	05/12/08	Not sampled Due to PSH in Well				
RW - 1	08/13/08	Not sampled Due to PSH in Well				
RW - 1	11/11/08	Not sampled Due to PSH in Well				
RW - 1	02/09/09	Not sampled Due to PSH in Well				
RW - 1	05/11/09	Not sampled Due to PSH in Well				
RW - 1	08/12/09	Not sampled Due to PSH in Well				
RW - 1	11/24/09	10.600	15.300	2.970	9.470	
RW - 1	02/11/10	Not sampled Due to PSH in Well				
RW - 1	05/20/10	Not sampled Due to PSH in Well				
RW - 1	08/19/10	Not sampled Due to PSH in Well				
RW - 1	11/19/10	Not sampled Due to PSH in Well				
RW - 1	03/01/11	Not sampled Due to PSH in Well				
RW - 1	05/03/11	Not sampled Due to PSH in Well				
RW - 1	08/16/11	Not sampled Due to PSH in Well				
RW - 1	11/28/11	Not sampled Due to PSH in Well				
RW - 1	02/27/12	Not sampled Due to PSH in Well				
RW - 1	05/29/12	Not sampled Due to PSH in Well				
RW - 1	08/14/12	Not sampled Due to PSH in Well				
RW - 1	11/12/12	Not sampled Due to PSH in Well				

TABLE 2

CONCENTRATIONS OF BENZENE IN GROUNDWATER

PLAINS MARKETING, L.P.
 34 JUNCTION SOUTH STATION
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NO. 1R-0456

SAMPLE LOCATION	SAMPLE DATE	Methods: EPA SW 846-8021, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p -XYLENES	o -XYLENE
NMOCD REGULATORY LIMIT		0.01	0.75	0.75	0.62	
RW - 1	02/11/13	Not sampled Due to PSH in Well				
RW - 1	05/13/13	Not sampled Due to PSH in Well				
RW - 1	08/14/13	Not sampled Due to PSH in Well				
RW - 1	11/18/13	Not sampled Due to PSH in Well				

Summary Report

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

Report Date: February 14, 2013

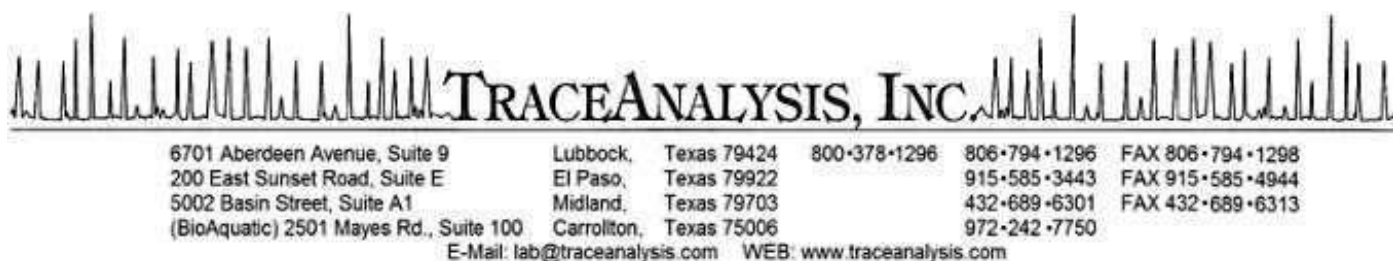
Work Order: 13021203



Project Location: SW of Lovington, NM
Project Name: 34 Junction South
SRS #: 2005-00138

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
320781	MW-14	water	2013-02-11	13:30	2013-02-12
320782	MW-15	water	2013-02-11	14:00	2013-02-12
320783	MW-16	water	2013-02-11	14:30	2013-02-12
320784	MW-12	water	2013-02-11	15:00	2013-02-12
320785	MW-13	water	2013-02-11	15:30	2013-02-12

Sample - Field Code	BTEX			
	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)
320781 - MW-14	<0.00100	<0.00100	<0.00100	<0.00100
320782 - MW-15	<0.00100	<0.00100	<0.00100	<0.00100
320783 - MW-16	<0.00100	<0.00100	<0.00100	<0.00100
320784 - MW-12	<0.00100	<0.00100	<0.00100	<0.00100
320785 - MW-13	<0.00100	<0.00100	<0.00100	<0.00100



Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

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

Report Date: February 14, 2013

Work Order: 13021203



Project Location: SW of Lovington, NM
Project Name: 34 Junction South
Project Number: 34 Junction South
SRS #: 2005-00138

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
320781	MW-14	water	2013-02-11	13:30	2013-02-12
320782	MW-15	water	2013-02-11	14:00	2013-02-12
320783	MW-16	water	2013-02-11	14:30	2013-02-12
320784	MW-12	water	2013-02-11	15:00	2013-02-12
320785	MW-13	water	2013-02-11	15:30	2013-02-12

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

This report consists of a total of 13 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

A handwritten signature in black ink that reads "Michael Abel". The signature is written in a cursive style with a large, prominent 'M' and 'A'.

Dr. Blair Leftwich, Director
Dr. Michael Abel, Project Manager

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Case Narrative

Samples for project 34 Junction South were received by TraceAnalysis, Inc. on 2013-02-12 and assigned to work order 13021203. Samples for work order 13021203 were received intact without headspace and at a temperature of 4.1 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	83810	2013-02-13 at 12:00	98927	2013-02-13 at 12:00

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 13021203 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.

Report Date: February 14, 2013
34 Junction South

Work Order: 13021203
34 Junction South

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SW of Lovington, NM

Analytical Report

Sample: 320781 - MW-14

Laboratory: Midland
Analysis: BTEX
QC Batch: 98927
Prep Batch: 83810

Analytical Method: S 8021B
Date Analyzed: 2013-02-13
Sample Preparation: 2013-02-13

Prep Method: S 5030B
Analyzed By: YG
Prepared By: YG

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	Q _{sr}	Q _{sr}	0.114	mg/L	1	0.100	114	75.7 - 109
4-Bromofluorobenzene (4-BFB)			0.0962	mg/L	1	0.100	96	68.1 - 109

Sample: 320782 - MW-15

Laboratory: Midland
Analysis: BTEX
QC Batch: 98927
Prep Batch: 83810

Analytical Method: S 8021B
Date Analyzed: 2013-02-13
Sample Preparation: 2013-02-13

Prep Method: S 5030B
Analyzed By: YG
Prepared By: YG

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	Q _{sr}	Q _{sr}	0.114	mg/L	1	0.100	114	75.7 - 109
4-Bromofluorobenzene (4-BFB)			0.0957	mg/L	1	0.100	96	68.1 - 109

Report Date: February 14, 2013
34 Junction South

Work Order: 13021203
34 Junction South

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Sample: 320783 - MW-16

Laboratory: Midland

Analysis: BTEX

QC Batch: 98927

Prep Batch: 83810

Analytical Method: S 8021B

Date Analyzed: 2013-02-13

Sample Preparation: 2013-02-13

Prep Method: S 5030B

Analyzed By: YG

Prepared By: YG

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	Qsr	Qsr	0.115	mg/L	1	0.100	115	75.7 - 109
4-Bromofluorobenzene (4-BFB)			0.0964	mg/L	1	0.100	96	68.1 - 109

Sample: 320784 - MW-12

Laboratory: Midland

Analysis: BTEX

QC Batch: 98927

Prep Batch: 83810

Analytical Method: S 8021B

Date Analyzed: 2013-02-13

Sample Preparation: 2013-02-13

Prep Method: S 5030B

Analyzed By: YG

Prepared By: YG

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	Qsr	Qsr	0.114	mg/L	1	0.100	114	75.7 - 109
4-Bromofluorobenzene (4-BFB)			0.0960	mg/L	1	0.100	96	68.1 - 109

Report Date: February 14, 2013
34 Junction South

Work Order: 13021203
34 Junction South

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SW of Lovington, NM

Sample: 320785 - MW-13

Laboratory: Midland
Analysis: BTEX
QC Batch: 98927
Prep Batch: 83810

Analytical Method: S 8021B
Date Analyzed: 2013-02-13
Sample Preparation: 2013-02-13

Prep Method: S 5030B
Analyzed By: YG
Prepared By: YG

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	Qsr	Qsr	0.112	mg/L	1	0.100	112	75.7 - 109
4-Bromofluorobenzene (4-BFB)			0.0963	mg/L	1	0.100	96	68.1 - 109

Method Blanks

Method Blank (1) QC Batch: 98927

QC Batch: 98927
Prep Batch: 83810

Date Analyzed: 2013-02-13
QC Preparation: 2013-02-13

Analyzed By: YG
Prepared By: YG

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	Q _{sr}	Q _{sr}	0.116	mg/L	1	0.100	116	75.7 - 109
4-Bromofluorobenzene (4-BFB)			0.0975	mg/L	1	0.100	98	68.1 - 109

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 98927
Prep Batch: 83810

Date Analyzed: 2013-02-13
QC Preparation: 2013-02-13

Analyzed By: YG
Prepared By: YG

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.0800	mg/L	1	0.100	<0.000200	80	80 - 120
Toluene		1	0.0810	mg/L	1	0.100	<0.000300	81	80 - 120
Ethylbenzene		1	0.0850	mg/L	1	0.100	<0.000400	85	70.6 - 120
Xylene		1	0.264	mg/L	1	0.300	<0.00120	88	79.2 - 120

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

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.0810	mg/L	1	0.100	<0.000200	81	80 - 120	1	20
Toluene		1	0.0809	mg/L	1	0.100	<0.000300	81	80 - 120	0	20
Ethylbenzene		1	0.0850	mg/L	1	0.100	<0.000400	85	70.6 - 120	0	20
Xylene		1	0.264	mg/L	1	0.300	<0.00120	88	79.2 - 120	0	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)	Q _{sr}	Q _{sr}	0.118	0.118	mg/L	1	0.100	118	118	75.7 - 109
4-Bromofluorobenzene (4-BFB)			0.100	0.100	mg/L	1	0.100	100	100	68.1 - 109

Matrix Spike (MS-1) Spiked Sample: 320776

QC Batch: 98927
Prep Batch: 83810

Date Analyzed: 2013-02-13
QC Preparation: 2013-02-13

Analyzed By: YG
Prepared By: YG

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.0958	mg/L	1	0.100	<0.000200	96	25.7 - 139
Toluene		1	0.0976	mg/L	1	0.100	<0.000300	98	32.7 - 134
Ethylbenzene		1	0.103	mg/L	1	0.100	<0.000400	103	45.9 - 120
Xylene		1	0.320	mg/L	1	0.300	<0.00120	107	34.9 - 128

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

Report Date: February 14, 2013
34 Junction South

Work Order: 13021203
34 Junction South

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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	<0.000200	107	25.7 - 139	11	20
Toluene		1	0.109	mg/L	1	0.100	<0.000300	109	32.7 - 134	11	20
Ethylbenzene		1	0.114	mg/L	1	0.100	<0.000400	114	45.9 - 120	10	20
Xylene		1	0.353	mg/L	1	0.300	<0.00120	118	34.9 - 128	10	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)	Q _{sr}	Q _{sr}	0.117	0.118	mg/L	1	0.1	117	118	75.7 - 109
4-Bromofluorobenzene (4-BFB)			0.100	0.100	mg/L	1	0.1	100	100	68.1 - 109

Calibration Standards

Standard (CCV-1)

QC Batch: 98927

Date Analyzed: 2013-02-13

Analyzed By: YG

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.102	102	80 - 120	2013-02-13
Toluene		1	mg/L	0.100	0.104	104	80 - 120	2013-02-13
Ethylbenzene		1	mg/L	0.100	0.109	109	80 - 120	2013-02-13
Xylene		1	mg/L	0.300	0.336	112	80 - 120	2013-02-13

Standard (CCV-2)

QC Batch: 98927

Date Analyzed: 2013-02-13

Analyzed By: YG

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.102	102	80 - 120	2013-02-13
Toluene		1	mg/L	0.100	0.103	103	80 - 120	2013-02-13
Ethylbenzene		1	mg/L	0.100	0.107	107	80 - 120	2013-02-13
Xylene		1	mg/L	0.300	0.332	111	80 - 120	2013-02-13

Standard (CCV-3)

QC Batch: 98927

Date Analyzed: 2013-02-13

Analyzed By: YG

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0946	95	80 - 120	2013-02-13
Toluene		1	mg/L	0.100	0.0970	97	80 - 120	2013-02-13
Ethylbenzene		1	mg/L	0.100	0.101	101	80 - 120	2013-02-13
Xylene		1	mg/L	0.300	0.314	105	80 - 120	2013-02-13

Appendix

Report Definitions

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

Laboratory Certifications

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

Standard Flags

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

Attachments

Report Date: February 14, 2013
34 Junction South

Work Order: 13021203
34 Junction South

Page Number: 13 of 13
SW of Lovington, NM

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

TraceAnalysis, Inc.

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

Company Name: NOVA
(Street, City, Zip)
Address: 2057 Commerce Dr. Midland TX 79703
Contact Person: Camille Bryant

Phone #: 432-520-7726
Fax #: 432-520-7701
E-mail: _____

Invoice to: _____
(If different from above)

Project #: 2005-00138
Project Name: 34 Junction South
Project Location (including state): New Mexico
Sampler Signature: [Signature]

[illegible]

LAB USE ONLY								
Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST OBS COR
M.A. [Signature]	NWA	2-12	8:05	[Signature]	A 2	12/28/85		
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Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST OBS COR

	Hold
MTBE 8021 / 602 / 8260 / 624	
GTEX 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	
PCBs 8082 / 608	
Pesticides 8081 / 608	
BOD, TSS, pH	
Moisture Content	
Cl ₂ , F ₂ , 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	

REMARKS: Mudland - 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.

ORIGINAL COPY

Summary Report

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

Report Date: May 24, 2013

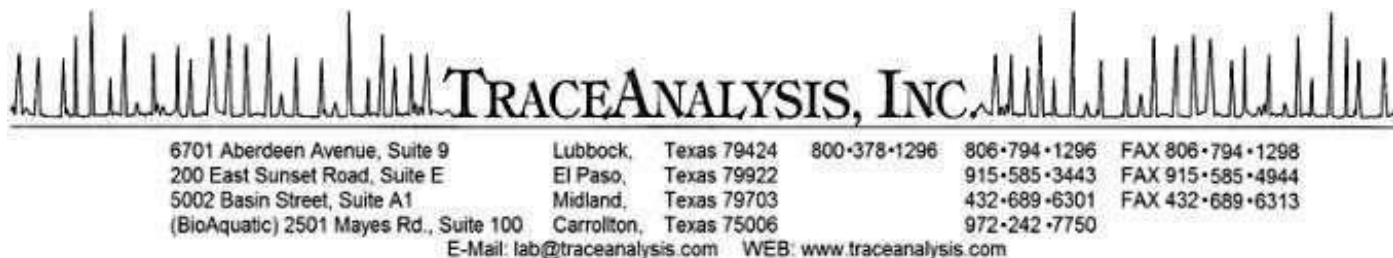
Work Order: 13051401



Project Location: SW of Lovington, NM
Project Name: 34 Junction South
SRS #: 2005-00138

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
329145	MW-7	water	2013-05-13	15:18	2013-05-14
329146	MW-14	water	2013-05-13	15:03	2013-05-14
329147	MW-15	water	2013-05-13	14:30	2013-05-14
329148	MW-16	water	2013-05-13	14:11	2013-05-14
329149	MW-12	water	2013-05-13	13:54	2013-05-14
329150	MW-13	water	2013-05-13	14:45	2013-05-14

Sample - Field Code	BTEX			
	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)
329145 - MW-7	<0.00100 Qr,Qs	<0.00100 Qr,Qs	<0.00100 Qr,Qs	<0.00100 Qr,Qs
329146 - MW-14	<0.00100 Qr,Qs	<0.00100 Qr,Qs	<0.00100 Qr,Qs	<0.00100 Qr,Qs
329147 - MW-15	<0.00100 Qr,Qs	<0.00100 Qr,Qs	<0.00100 Qr,Qs	<0.00100 Qr,Qs
329148 - MW-16	<0.00100 Qr,Qs	<0.00100 Qr,Qs	<0.00100 Qr,Qs	<0.00100 Qr,Qs
329149 - MW-12	<0.00100 Qr,Qs	<0.00100 Qr,Qs	0.0321 Qr,Qs	<0.00100 Qr,Qs
329150 - MW-13	<0.00100 Qs	<0.00100 Qs	0.0234 Qs	0.00960 Qs



Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

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

Report Date: May 24, 2013

Work Order: 13051401



Project Location: SW of Lovington, NM
Project Name: 34 Junction South
Project Number: 34 Junction South
SRS #: 2005-00138

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
329145	MW-7	water	2013-05-13	15:18	2013-05-14
329146	MW-14	water	2013-05-13	15:03	2013-05-14
329147	MW-15	water	2013-05-13	14:30	2013-05-14
329148	MW-16	water	2013-05-13	14:11	2013-05-14
329149	MW-12	water	2013-05-13	13:54	2013-05-14
329150	MW-13	water	2013-05-13	14:45	2013-05-14

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

This report consists of a total of 15 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

A handwritten signature in black ink that reads "Michael Abel". The script is fluid and cursive, with the first name "Michael" and last name "Abel" clearly distinguishable.

Dr. Blair Leftwich, Director
Dr. Michael Abel, Project Manager

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Case Narrative

Samples for project 34 Junction South were received by TraceAnalysis, Inc. on 2013-05-14 and assigned to work order 13051401. Samples for work order 13051401 were received intact without headspace and at a temperature of 1.9 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	86105	2013-05-21 at 15:00	101624	2013-05-22 at 09:23
BTEX	S 8021B	86164	2013-05-23 at 15:30	101692	2013-05-23 at 18:16

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 13051401 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.

Report Date: May 24, 2013
34 Junction South

Work Order: 13051401
34 Junction South

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SW of Lovington, NM

Analytical Report

Sample: 329145 - MW-7

Laboratory: Midland
Analysis: BTEX
QC Batch: 101624
Prep Batch: 86105

Analytical Method: S 8021B
Date Analyzed: 2013-05-22
Sample Preparation: 2013-05-21

Prep Method: S 5030B
Analyzed By: KC
Prepared By: KC

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0921	mg/L	1	0.100	92	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0927	mg/L	1	0.100	93	70 - 130

Sample: 329146 - MW-14

Laboratory: Midland
Analysis: BTEX
QC Batch: 101624
Prep Batch: 86105

Analytical Method: S 8021B
Date Analyzed: 2013-05-22
Sample Preparation: 2013-05-21

Prep Method: S 5030B
Analyzed By: KC
Prepared By: KC

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0904	mg/L	1	0.100	90	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0906	mg/L	1	0.100	91	70 - 130

Report Date: May 24, 2013
34 Junction South

Work Order: 13051401
34 Junction South

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SW of Lovington, NM

Sample: 329147 - MW-15

Laboratory: Midland
Analysis: BTEX
QC Batch: 101624
Prep Batch: 86105

Analytical Method: S 8021B
Date Analyzed: 2013-05-22
Sample Preparation: 2013-05-21

Prep Method: S 5030B
Analyzed By: KC
Prepared By: KC

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0960	mg/L	1	0.100	96	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0965	mg/L	1	0.100	96	70 - 130

Sample: 329148 - MW-16

Laboratory: Midland
Analysis: BTEX
QC Batch: 101624
Prep Batch: 86105

Analytical Method: S 8021B
Date Analyzed: 2013-05-22
Sample Preparation: 2013-05-21

Prep Method: S 5030B
Analyzed By: KC
Prepared By: KC

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0939	mg/L	1	0.100	94	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0955	mg/L	1	0.100	96	70 - 130

Report Date: May 24, 2013
34 Junction South

Work Order: 13051401
34 Junction South

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SW of Lovington, NM

Sample: 329149 - MW-12

Laboratory: Midland
Analysis: BTEX
QC Batch: 101624
Prep Batch: 86105

Analytical Method: S 8021B
Date Analyzed: 2013-05-22
Sample Preparation: 2013-05-21

Prep Method: S 5030B
Analyzed By: KC
Prepared By: KC

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qr, Qs, U	1	<0.00100	mg/L	1	0.00100
Toluene	Qr, Qs, U	1	<0.00100	mg/L	1	0.00100
Ethylbenzene	Qr, Qs	1	0.0321	mg/L	1	0.00100
Xylene	Qr, Qs, U	1	<0.00100	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0921	mg/L	1	0.100	92	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0989	mg/L	1	0.100	99	70 - 130

Sample: 329150 - MW-13

Laboratory: Midland
Analysis: BTEX
QC Batch: 101692
Prep Batch: 86164

Analytical Method: S 8021B
Date Analyzed: 2013-05-23
Sample Preparation: 2013-05-22

Prep Method: S 5030B
Analyzed By: AH
Prepared By: AH

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qs, U	1	<0.00100	mg/L	1	0.00100
Toluene	Qs, U	1	<0.00100	mg/L	1	0.00100
Ethylbenzene	Qs	1	0.0234	mg/L	1	0.00100
Xylene	Qs	1	0.00960	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0951	mg/L	1	0.100	95	70 - 130
4-Bromofluorobenzene (4-BFB)			0.116	mg/L	1	0.100	116	70 - 130

Report Date: May 24, 2013
34 Junction South

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34 Junction South

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Method Blanks

Method Blank (1) QC Batch: 101624

QC Batch: 101624
Prep Batch: 86105

Date Analyzed: 2013-05-22
QC Preparation: 2013-05-21

Analyzed By: KC
Prepared By: KC

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0948	mg/L	1	0.100	95	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0941	mg/L	1	0.100	94	70 - 130

Method Blank (1) QC Batch: 101692

QC Batch: 101692
Prep Batch: 86164

Date Analyzed: 2013-05-23
QC Preparation: 2013-05-23

Analyzed By: AH
Prepared By: AH

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0911	mg/L	1	0.100	91	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0896	mg/L	1	0.100	90	70 - 130

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 101624
Prep Batch: 86105

Date Analyzed: 2013-05-22
QC Preparation: 2013-05-21

Analyzed By: KC
Prepared By: KC

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.0961	mg/L	1	0.100	<0.000200	96	70 - 130
Toluene		1	0.0993	mg/L	1	0.100	<0.000300	99	70 - 130
Ethylbenzene		1	0.0986	mg/L	1	0.100	<0.000400	99	70 - 130
Xylene		1	0.288	mg/L	1	0.300	<0.00120	96	70 - 130

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

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.0870	mg/L	1	0.100	<0.000200	87	70 - 130	10	20
Toluene		1	0.0907	mg/L	1	0.100	<0.000300	91	70 - 130	9	20
Ethylbenzene		1	0.0897	mg/L	1	0.100	<0.000400	90	70 - 130	9	20
Xylene		1	0.262	mg/L	1	0.300	<0.00120	87	70 - 130	9	20

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

Surrogate	LCS Result	LCS Result	Units	Dil.	Spike Amount	LCS Rec.	LCS Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0934	0.0932	mg/L	1	0.100	93	93	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0976	0.0968	mg/L	1	0.100	98	97	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 101692
Prep Batch: 86164

Date Analyzed: 2013-05-23
QC Preparation: 2013-05-23

Analyzed By: AH
Prepared By: AH

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.0950	mg/L	1	0.100	<0.000200	95	70 - 130
Toluene		1	0.0975	mg/L	1	0.100	<0.000300	98	70 - 130
Ethylbenzene		1	0.0957	mg/L	1	0.100	<0.000400	96	70 - 130
Xylene		1	0.281	mg/L	1	0.300	<0.00120	94	70 - 130

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

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34 Junction South

Work Order: 13051401
34 Junction South

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Param	F	C	LCSD		Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
			Result	Units							
Benzene		1	0.0842	mg/L	1	0.100	<0.000200	84	70 - 130	12	20
Toluene		1	0.0867	mg/L	1	0.100	<0.000300	87	70 - 130	12	20
Ethylbenzene		1	0.0852	mg/L	1	0.100	<0.000400	85	70 - 130	12	20
Xylene		1	0.251	mg/L	1	0.300	<0.00120	84	70 - 130	11	20

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

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0953	0.0933	mg/L	1	0.100	95	93	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0985	0.0982	mg/L	1	0.100	98	98	70 - 130

Matrix Spike (MS-1) Spiked Sample: 329162

QC Batch: 101624
Prep Batch: 86105

Date Analyzed: 2013-05-22
QC Preparation: 2013-05-21

Analyzed By: KC
Prepared By: KC

Param	F	C	MS		Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
			Result	Units					
Benzene	Q _s	Q _s	1	0.0476	mg/L	1	0.100	<0.000200	48
Toluene	Q _s	Q _s	1	0.0483	mg/L	1	0.100	<0.000300	48
Ethylbenzene	Q _s	Q _s	1	0.0516	mg/L	1	0.100	<0.000400	52
Xylene	Q _s	Q _s	1	0.151	mg/L	1	0.300	<0.00120	50

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

Param	F	C	MSD		Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
			Result	Units							
Benzene	Q _r	Q _r	1	0.0837	mg/L	1	0.100	<0.000200	84	70 - 130	55
Toluene	Q _r	Q _r	1	0.0843	mg/L	1	0.100	<0.000300	84	70 - 130	54
Ethylbenzene	Q _r	Q _r	1	0.0815	mg/L	1	0.100	<0.000400	82	70 - 130	45
Xylene	Q _r	Q _r	1	0.238	mg/L	1	0.300	<0.00120	79	70 - 130	45

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)	0.0957	0.0903	mg/L	1	0.1	96	90	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0989	0.0936	mg/L	1	0.1	99	94	70 - 130

Report Date: May 24, 2013
34 Junction South

Work Order: 13051401
34 Junction South

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Matrix Spike (MS-1) Spiked Sample: 329257

QC Batch: 101692
Prep Batch: 86164

Date Analyzed: 2013-05-23
QC Preparation: 2013-05-23

Analyzed By: AH
Prepared By: AH

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	Qs	Qs	1	0.0543	mg/L	1	0.100	<0.000200	54 70 - 130
Toluene	Qs	Qs	1	0.0566	mg/L	1	0.100	<0.000300	57 70 - 130
Ethylbenzene	Qs	Qs	1	0.0571	mg/L	1	0.100	<0.000400	57 70 - 130
Xylene	Qs	Qs	1	0.168	mg/L	1	0.300	<0.00120	56 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	Qs	Qs	1	0.0575	mg/L	1	0.100	<0.000200	58 70 - 130	6	20
Toluene	Qs	Qs	1	0.0590	mg/L	1	0.100	<0.000300	59 70 - 130	4	20
Ethylbenzene	Qs	Qs	1	0.0592	mg/L	1	0.100	<0.000400	59 70 - 130	4	20
Xylene	Qs	Qs	1	0.173	mg/L	1	0.300	<0.00120	58 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)	0.0902	0.0954	mg/L	1	0.1	90	95	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0931	0.0984	mg/L	1	0.1	93	98	70 - 130

Calibration Standards

Standard (CCV-1)

QC Batch: 101624

Date Analyzed: 2013-05-22

Analyzed By: KC

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.102	102	80 - 120	2013-05-22
Toluene		1	mg/L	0.100	0.105	105	80 - 120	2013-05-22
Ethylbenzene		1	mg/L	0.100	0.104	104	80 - 120	2013-05-22
Xylene		1	mg/L	0.300	0.302	101	80 - 120	2013-05-22

Standard (CCV-2)

QC Batch: 101624

Date Analyzed: 2013-05-22

Analyzed By: KC

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0894	89	80 - 120	2013-05-22
Toluene		1	mg/L	0.100	0.0922	92	80 - 120	2013-05-22
Ethylbenzene		1	mg/L	0.100	0.0914	91	80 - 120	2013-05-22
Xylene		1	mg/L	0.300	0.268	89	80 - 120	2013-05-22

Standard (CCV-3)

QC Batch: 101624

Date Analyzed: 2013-05-22

Analyzed By: KC

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0957	96	80 - 120	2013-05-22
Toluene		1	mg/L	0.100	0.0991	99	80 - 120	2013-05-22
Ethylbenzene		1	mg/L	0.100	0.0983	98	80 - 120	2013-05-22
Xylene		1	mg/L	0.300	0.287	96	80 - 120	2013-05-22

Report Date: May 24, 2013
34 Junction South

Work Order: 13051401
34 Junction South

Page Number: 13 of 15
SW of Lovington, NM

Standard (CCV-1)

QC Batch: 101692

Date Analyzed: 2013-05-23

Analyzed By: AH

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0853	85	80 - 120	2013-05-23
Toluene		1	mg/L	0.100	0.0872	87	80 - 120	2013-05-23
Ethylbenzene		1	mg/L	0.100	0.0850	85	80 - 120	2013-05-23
Xylene		1	mg/L	0.300	0.252	84	80 - 120	2013-05-23

Standard (CCV-2)

QC Batch: 101692

Date Analyzed: 2013-05-23

Analyzed By: AH

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0897	90	80 - 120	2013-05-23
Toluene		1	mg/L	0.100	0.0921	92	80 - 120	2013-05-23
Ethylbenzene		1	mg/L	0.100	0.0903	90	80 - 120	2013-05-23
Xylene		1	mg/L	0.300	0.264	88	80 - 120	2013-05-23

Standard (CCV-3)

QC Batch: 101692

Date Analyzed: 2013-05-23

Analyzed By: AH

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.103	103	80 - 120	2013-05-23
Toluene		1	mg/L	0.100	0.106	106	80 - 120	2013-05-23
Ethylbenzene		1	mg/L	0.100	0.105	105	80 - 120	2013-05-23
Xylene		1	mg/L	0.300	0.308	103	80 - 120	2013-05-23

Appendix

Report Definitions

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

Laboratory Certifications

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

Standard Flags

F	Description
B	Analyte detected in the corresponding method blank above the method detection limit
H	Analyzed out of hold time
J	Estimated concentration
Jb	The analyte is positively identified and the value is approximated between the SDL and MQL. Sample contains less than 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

Report Date: May 24, 2013
34 Junction South

Work Order: 13051401
34 Junction South

Page Number: 15 of 15
SW of Lovington, NM

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

TraceAnalysis, Inc.

email: lab@traceanalysis.com

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

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

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

Company Name: Nova Phone #: 432-520-7120

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

Contact Person: Camille Bryant E-mail:

Invoice to: (If different from above)

Project #: 2005-00138 Project Name: 34 J South

Project Location (including state): New Mexico Sampler Signature: [Signature]

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX				PRESERVATIVE METHOD						SAMPLING	
				WATER	SOIL	AIR	SLUDGE	HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE	NONE	DATE	TIME
329145	MW-7	3	Vol	X				X				X		5/13/13	1518
146	MW-14	3													1503
147	MW-15	3													1430
148	MW-16	3													1411
149	MW-12	3													1354
150	MW-13	3													1445
				</											

Relinquished by: <u>John Flores</u>	Company: <u>Nova</u>	Date: <u>5/14/13</u>	Time: <u>805</u>	Received by: <u>[Signature]</u>	Company: <u>MA</u>	Date: <u>5/14/13</u>	Time: <u>8:05</u>	INST: <u>147</u>	OBS: <u>147</u>	COR: <u>19</u>
Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST:	OBS:	COR:
Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST:	OBS:	COR:

LAB USE ONLY

Intact Y / N

Headspace Y / N / NA

Log-In-Review

ANALYSIS REQUEST (Circle or Specify Method No.)														
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														
PCBs 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														

REMARKS: Midland ad

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 # Car

ORIGINAL COPY

Summary Report

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

Report Date: June 28, 2013

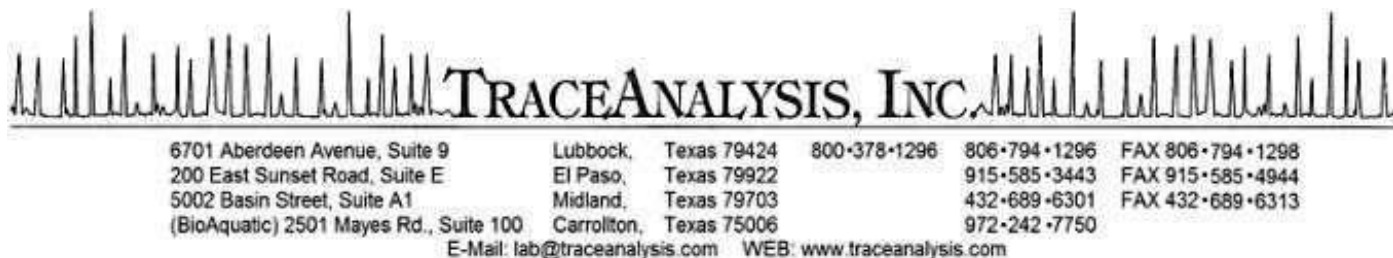
Work Order: 13062731



Project Location: SW of Lovington, NM
Project Name: 34 Junction South
SRS #: 2005-00138

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
333541	MW-4	water	2013-06-26	13:03	2013-06-27

Sample - Field Code	BTEX			
	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)
333541 - MW-4	0.176	<0.0200	<0.0200	0.127



Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

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

Report Date: June 28, 2013

Work Order: 13062731



Project Location: SW of Lovington, NM
Project Name: 34 Junction South
Project Number: 34 Junction South
SRS #: 2005-00138

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
333541	MW-4	water	2013-06-26	13:03	2013-06-27

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

This report consists of a total of 10 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Dr. Blair Leftwich, Director
Dr. Michael Abel, Project Manager

Report Contents

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Sample 333541 (MW-4)	4
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QC Batch 102678 - LCS (1)	6
QC Batch 102678 - MS (1)	6
Calibration Standards	8
QC Batch 102678 - CCV (1)	8
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Case Narrative

Samples for project 34 Junction South were received by TraceAnalysis, Inc. on 2013-06-27 and assigned to work order 13062731. Samples for work order 13062731 were received intact without headspace and at a temperature of 4.8 C. Preservative removed by client necessitating rush charges.

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

Test	Method	Prep Batch	Prep Date	QC Batch	Analysis Date
BTEX	S 8021B	86964	2013-06-26 at 15:00	102678	2013-06-27 at 12:00

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 13062731 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.

Report Date: June 28, 2013
34 Junction South

Work Order: 13062731
34 Junction South

Page Number: 4 of 10
SW of Lovington, NM

Analytical Report

Sample: 333541 - MW-4

Laboratory: Midland
Analysis: BTEX
QC Batch: 102678
Prep Batch: 86964

Analytical Method: S 8021B
Date Analyzed: 2013-06-27
Sample Preparation: 2013-06-26

Prep Method: S 5030B
Analyzed By: KC
Prepared By: KC

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.176	mg/L	20	0.00100
Toluene	U	1	<0.0200	mg/L	20	0.00100
Ethylbenzene	U	1	<0.0200	mg/L	20	0.00100
Xylene		1	0.127	mg/L	20	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			2.19	mg/L	20	2.00	110	70 - 130
4-Bromofluorobenzene (4-BFB)			1.95	mg/L	20	2.00	98	70 - 130

Method Blanks

Method Blank (1) QC Batch: 102678

QC Batch: 102678
Prep Batch: 86964

Date Analyzed: 2013-06-27
QC Preparation: 2013-06-26

Analyzed By: KC
Prepared By: KC

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.102	mg/L	1	0.100	102	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0986	mg/L	1	0.100	99	70 - 130

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 102678
Prep Batch: 86964

Date Analyzed: 2013-06-27
QC Preparation: 2013-06-26

Analyzed By: KC
Prepared By: KC

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.103	mg/L	1	0.100	<0.000200	103	70 - 130
Toluene		1	0.102	mg/L	1	0.100	<0.000300	102	70 - 130
Ethylbenzene		1	0.105	mg/L	1	0.100	<0.000400	105	70 - 130
Xylene		1	0.308	mg/L	1	0.300	<0.00120	103	70 - 130

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

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.100	mg/L	1	0.100	<0.000200	100	70 - 130	3	20
Toluene		1	0.0991	mg/L	1	0.100	<0.000300	99	70 - 130	3	20
Ethylbenzene		1	0.102	mg/L	1	0.100	<0.000400	102	70 - 130	3	20
Xylene		1	0.300	mg/L	1	0.300	<0.00120	100	70 - 130	3	20

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

Surrogate	LCS Result	LCS Result	Units	Dil.	Spike Amount	LCS Rec.	LCS Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.101	0.103	mg/L	1	0.100	101	103	70 - 130
4-Bromofluorobenzene (4-BFB)	0.102	0.102	mg/L	1	0.100	102	102	70 - 130

Matrix Spike (MS-1) Spiked Sample: 332926

QC Batch: 102678
Prep Batch: 86964

Date Analyzed: 2013-06-27
QC Preparation: 2013-06-26

Analyzed By: KC
Prepared By: KC

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.0896	mg/L	1	0.100	<0.000200	90	70 - 130
Toluene		1	0.0904	mg/L	1	0.100	<0.000300	90	70 - 130
Ethylbenzene		1	0.0936	mg/L	1	0.100	<0.000400	94	70 - 130
Xylene		1	0.276	mg/L	1	0.300	<0.00120	92	70 - 130

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

Report Date: June 28, 2013
34 Junction South

Work Order: 13062731
34 Junction South

Page Number: 7 of 10
SW of Lovington, NM

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.0982	mg/L	1	0.100	<0.000200	98	70 - 130	9	20
Toluene		1	0.0995	mg/L	1	0.100	<0.000300	100	70 - 130	10	20
Ethylbenzene		1	0.103	mg/L	1	0.100	<0.000400	103	70 - 130	10	20
Xylene		1	0.302	mg/L	1	0.300	<0.00120	101	70 - 130	9	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)	0.0990	0.0960	mg/L	1	0.1	99	96	70 - 130
4-Bromofluorobenzene (4-BFB)	0.101	0.0976	mg/L	1	0.1	101	98	70 - 130

Calibration Standards

Standard (CCV-1)

QC Batch: 102678

Date Analyzed: 2013-06-27

Analyzed By: KC

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	2013-06-27
Toluene		1	mg/L	0.100	0.106	106	80 - 120	2013-06-27
Ethylbenzene		1	mg/L	0.100	0.108	108	80 - 120	2013-06-27
Xylene		1	mg/L	0.300	0.321	107	80 - 120	2013-06-27

Standard (CCV-2)

QC Batch: 102678

Date Analyzed: 2013-06-27

Analyzed By: KC

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0940	94	80 - 120	2013-06-27
Toluene		1	mg/L	0.100	0.0937	94	80 - 120	2013-06-27
Ethylbenzene		1	mg/L	0.100	0.0966	97	80 - 120	2013-06-27
Xylene		1	mg/L	0.300	0.284	95	80 - 120	2013-06-27

Standard (CCV-3)

QC Batch: 102678

Date Analyzed: 2013-06-27

Analyzed By: KC

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.100	100	80 - 120	2013-06-27
Toluene		1	mg/L	0.100	0.0997	100	80 - 120	2013-06-27
Ethylbenzene		1	mg/L	0.100	0.103	103	80 - 120	2013-06-27
Xylene		1	mg/L	0.300	0.302	101	80 - 120	2013-06-27

Appendix

Report Definitions

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

Laboratory Certifications

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

Standard Flags

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

Attachments

Report Date: June 28, 2013
34 Junction South

Work Order: 13062731
34 Junction South

Page Number: 10 of 10
SW of Lovington, NM

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

TraceAnalysis, Inc.

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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

Company Name: NOUR
Address: (Street, City, Zip)
Phone #: 432 520-7720
Fax #:
Contact Person: Camille Bryant
E-mail:
Invoice to:
(If different from above)
Project #: 2005-00138
Project Location (including state): NM
Project Name: 245 south
Sampler Signature: [Signature]

[illegible]

Relinquished by: 	Company: <u>NOVA</u>	Date: <u>6-27-13</u>	Time: <u>12:57</u>	Received by: 	Company: <u>7A</u>	Date: <u>6-27-13</u>	Time: <u>14:57</u>	INST: <u>12-1</u>	OBS: <u>49</u>	COR: <u>48</u>
Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST:	OBS:	COR:
Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST:	OBS:	COR:

ANALYSIS REQUEST (Circle or Specify Method No.)		LAB USE ONLY	REMARKS:
MTBE	8021 / 602 / 8260 / 624	12-1	preservative removed by chisel 24 hr AT Dry Weight Basis Required ☐ TRRP Report Required ☐ Check if Special Reporting Limits Are Needed ☐
BTEX	8021 / 602 / 8260 / 624	4.9	
		4.8	
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			

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

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Summary Report

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

Report Date: August 27, 2013

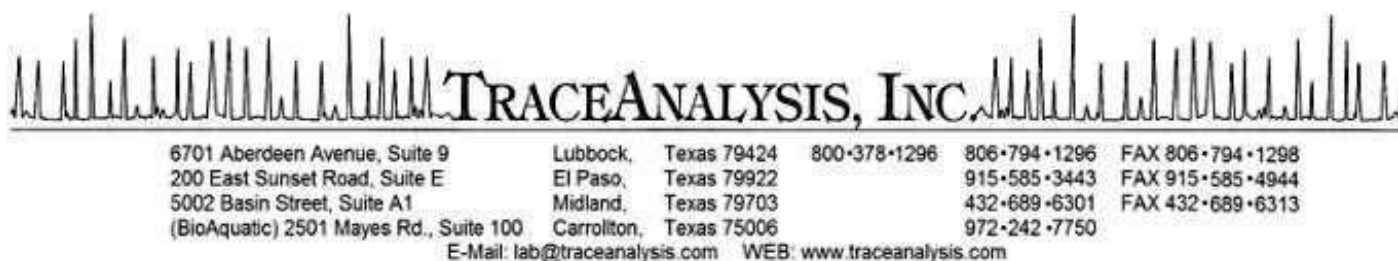
Work Order: 13081513



Project Location: New Mexico
Project Name: 34 Junction South
SRS #: 2005-00138

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
338638	MW-14	water	2013-08-14	13:00	2013-08-15
338639	MW-15	water	2013-08-14	13:15	2013-08-15
338640	MW-16	water	2013-08-14	13:27	2013-08-15
338641	MW-12	water	2013-08-14	13:46	2013-08-15
338642	MW-13	water	2013-08-14	14:01	2013-08-15
338643	MW-4	water	2013-08-14	14:35	2013-08-15
338644	MW-8	water	2013-08-14	15:00	2013-08-15

Sample - Field Code	BTEX			
	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)
338638 - MW-14	<0.00100 Q _r	<0.00100 Q _r	<0.00100 Q _r	<0.00100 Q _r
338639 - MW-15	<0.00100	<0.00100	<0.00100	<0.00100
338640 - MW-16	0.184 Q _r	<0.00100 Q _r	<0.00100 Q _r	<0.00100 Q _r
338641 - MW-12	<0.00100 Q _r	<0.00100 Q _r	<0.00100 Q _r	<0.00100 Q _r
338642 - MW-13	0.00210 Q _r	<0.00100 Q _r	0.00610 Q _r	0.0115 Q _r
338643 - MW-4	0.839	<0.00500	0.295	1.25
338644 - MW-8	0.221 Q _r	0.310 Q _r	0.149 Q _r	0.539 J _e , Q _r



Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

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

Report Date: August 27, 2013

Work Order: 13081513



Project Location: New Mexico
 Project Name: 34 Junction South
 Project Number: 2005-00138
 SRS #: 2005-00138

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
338638	MW-14	water	2013-08-14	13:00	2013-08-15
338639	MW-15	water	2013-08-14	13:15	2013-08-15
338640	MW-16	water	2013-08-14	13:27	2013-08-15
338641	MW-12	water	2013-08-14	13:46	2013-08-15
338642	MW-13	water	2013-08-14	14:01	2013-08-15
338643	MW-4	water	2013-08-14	14:35	2013-08-15
338644	MW-8	water	2013-08-14	15:00	2013-08-15

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

This report consists of a total of 19 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Michael Abel

Dr. Blair Leftwich, Director
Dr. Michael Abel, Project Manager

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Case Narrative

Samples for project 34 Junction South were received by TraceAnalysis, Inc. on 2013-08-15 and assigned to work order 13081513. Samples for work order 13081513 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	88451	2013-08-24 at 16:32	104378	2013-08-24 at 16:32
BTEX	S 8021B	88458	2013-08-24 at 07:30	104387	2013-08-24 at 04:50
BTEX	S 8021B	88480	2013-08-26 at 16:33	104417	2013-08-26 at 16:33

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 13081513 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: 338638 - MW-14

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 104378
Prep Batch: 88451

Analytical Method: S 8021B
Date Analyzed: 2013-08-24
Sample Preparation: 2013-08-24

Prep Method: S 5030B
Analyzed By: MT
Prepared By: MT

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.103	mg/L	1	0.100	103	75.4 - 120
4-Bromofluorobenzene (4-BFB)			0.0995	mg/L	1	0.100	100	74.6 - 120

Sample: 338639 - MW-15

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 104417
Prep Batch: 88480

Analytical Method: S 8021B
Date Analyzed: 2013-08-26
Sample Preparation: 2013-08-26

Prep Method: S 5030B
Analyzed By: JS
Prepared By: JS

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.104	mg/L	1	0.100	104	75.4 - 120
4-Bromofluorobenzene (4-BFB)			0.0919	mg/L	1	0.100	92	74.6 - 120

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Sample: 338640 - MW-16

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 104378

Prep Batch: 88451

Analytical Method: S 8021B

Date Analyzed: 2013-08-24

Sample Preparation: 2013-08-24

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qr	1	0.184	mg/L	1	0.00100
Toluene	Qr,U	1	<0.00100	mg/L	1	0.00100
Ethylbenzene	Qr,U	1	<0.00100	mg/L	1	0.00100
Xylene	Qr,U	1	<0.00100	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.108	mg/L	1	0.100	108	75.4 - 120
4-Bromofluorobenzene (4-BFB)			0.101	mg/L	1	0.100	101	74.6 - 120

Sample: 338641 - MW-12

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 104378

Prep Batch: 88451

Analytical Method: S 8021B

Date Analyzed: 2013-08-24

Sample Preparation: 2013-08-24

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.111	mg/L	1	0.100	111	75.4 - 120
4-Bromofluorobenzene (4-BFB)			0.110	mg/L	1	0.100	110	74.6 - 120

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Sample: 338642 - MW-13

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 104378

Prep Batch: 88451

Analytical Method: S 8021B

Date Analyzed: 2013-08-24

Sample Preparation: 2013-08-24

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qr	1	0.00210	mg/L	1	0.00100
Toluene	Qr, U	1	<0.00100	mg/L	1	0.00100
Ethylbenzene	Qr	1	0.00610	mg/L	1	0.00100
Xylene	Qr	1	0.0115	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.111	mg/L	1	0.100	111	75.4 - 120
4-Bromofluorobenzene (4-BFB)	Qsr	Qsr	0.127	mg/L	1	0.100	127	74.6 - 120

Sample: 338643 - MW-4

Laboratory: Midland

Analysis: BTEX

QC Batch: 104387

Prep Batch: 88458

Analytical Method: S 8021B

Date Analyzed: 2013-08-24

Sample Preparation: 2013-08-24

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		2	0.839	mg/L	5	0.00100
Toluene	U	2	<0.00500	mg/L	5	0.00100
Ethylbenzene		2	0.295	mg/L	5	0.00100
Xylene		2	1.25	mg/L	5	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.429	mg/L	5	0.500	86	70 - 130
4-Bromofluorobenzene (4-BFB)			0.500	mg/L	5	0.500	100	70 - 130

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Sample: 338644 - MW-8

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 104378

Prep Batch: 88451

Analytical Method: S 8021B

Date Analyzed: 2013-08-24

Sample Preparation: 2013-08-24

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qr	1	0.221	mg/L	1	0.00100
Toluene	Qr	1	0.310	mg/L	1	0.00100
Ethylbenzene	Qr	1	0.149	mg/L	1	0.00100
Xylene	Je, Qr	1	0.539	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.100	mg/L	1	0.100	100	75.4 - 120
4-Bromofluorobenzene (4-BFB)	Qsr	Qsr	0.122	mg/L	1	0.100	122	74.6 - 120

Method Blanks

Method Blank (1) QC Batch: 104378

QC Batch: 104378
Prep Batch: 88451

Date Analyzed: 2013-08-24
QC Preparation: 2013-08-24

Analyzed By: MT
Prepared By: MT

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1	<0.000567	mg/L	0.001
Toluene		1	<0.000518	mg/L	0.001
Ethylbenzene		1	<0.000518	mg/L	0.001
Xylene		1	<0.000548	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0984	mg/L	1	0.100	98	75.4 - 120
4-Bromofluorobenzene (4-BFB)			0.0963	mg/L	1	0.100	96	74.6 - 120

Method Blank (1) QC Batch: 104387

QC Batch: 104387
Prep Batch: 88458

Date Analyzed: 2013-08-24
QC Preparation: 2013-08-24

Analyzed By: AK
Prepared By: AK

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0954	mg/L	1	0.100	95	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0858	mg/L	1	0.100	86	70 - 130

Method Blank (1) QC Batch: 104417

QC Batch: 104417
Prep Batch: 88480

Date Analyzed: 2013-08-26
QC Preparation: 2013-08-26

Analyzed By: JS
Prepared By: JS

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Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1	<0.000567	mg/L	0.001
Toluene		1	<0.000518	mg/L	0.001
Ethylbenzene		1	<0.000518	mg/L	0.001
Xylene		1	<0.000548	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.106	mg/L	1	0.100	106	75.4 - 120
4-Bromofluorobenzene (4-BFB)			0.0947	mg/L	1	0.100	95	74.6 - 120

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Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 104378
Prep Batch: 88451

Date Analyzed: 2013-08-24
QC Preparation: 2013-08-24

Analyzed By: MT
Prepared By: MT

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.0913	mg/L	1	0.100	<0.000567	91	74.3 - 120
Toluene		1	0.0911	mg/L	1	0.100	<0.000518	91	77.6 - 120
Ethylbenzene		1	0.0909	mg/L	1	0.100	<0.000518	91	78.5 - 120
Xylene		1	0.278	mg/L	1	0.300	<0.000548	93	77.6 - 120

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

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.0971	mg/L	1	0.100	<0.000567	97	74.3 - 120	6	20
Toluene		1	0.101	mg/L	1	0.100	<0.000518	101	77.6 - 120	10	20
Ethylbenzene		1	0.0999	mg/L	1	0.100	<0.000518	100	78.5 - 120	9	20
Xylene		1	0.302	mg/L	1	0.300	<0.000548	101	77.6 - 120	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)	0.0897	0.0983	mg/L	1	0.100	90	98	75.4 - 120
4-Bromofluorobenzene (4-BFB)	0.0923	0.0990	mg/L	1	0.100	92	99	74.6 - 120

Laboratory Control Spike (LCS-1)

QC Batch: 104387
Prep Batch: 88458

Date Analyzed: 2013-08-24
QC Preparation: 2013-08-24

Analyzed By: AK
Prepared By: AK

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		2	0.101	mg/L	1	0.100	<0.000200	101	70 - 130
Toluene		2	0.104	mg/L	1	0.100	<0.000300	104	70 - 130
Ethylbenzene		2	0.104	mg/L	1	0.100	<0.000400	104	70 - 130
Xylene		2	0.307	mg/L	1	0.300	<0.00120	102	70 - 130

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

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Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		2	0.0977	mg/L	1	0.100	<0.000200	98	70 - 130	4	20
Toluene		2	0.100	mg/L	1	0.100	<0.000300	100	70 - 130	4	20
Ethylbenzene		2	0.100	mg/L	1	0.100	<0.000400	100	70 - 130	4	20
Xylene		2	0.298	mg/L	1	0.300	<0.00120	99	70 - 130	3	20

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

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0928	0.0934	mg/L	1	0.100	93	93	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0932	0.0953	mg/L	1	0.100	93	95	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 104417
Prep Batch: 88480

Date Analyzed: 2013-08-26
QC Preparation: 2013-08-26

Analyzed By: JS
Prepared By: JS

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.112	mg/L	1	0.100	<0.000567	112	74.3 - 120
Toluene		1	0.108	mg/L	1	0.100	<0.000518	108	77.6 - 120
Ethylbenzene		1	0.104	mg/L	1	0.100	<0.000518	104	78.5 - 120
Xylene		1	0.316	mg/L	1	0.300	<0.000548	105	77.6 - 120

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

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.114	mg/L	1	0.100	<0.000567	114	74.3 - 120	1	20
Toluene		1	0.116	mg/L	1	0.100	<0.000518	116	77.6 - 120	7	20
Ethylbenzene		1	0.114	mg/L	1	0.100	<0.000518	114	78.5 - 120	9	20
Xylene		1	0.341	mg/L	1	0.300	<0.000548	114	77.6 - 120	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)	0.112	0.117	mg/L	1	0.100	112	117	75.4 - 120
4-Bromofluorobenzene (4-BFB)	0.0980	0.106	mg/L	1	0.100	98	106	74.6 - 120

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Matrix Spike (MS-1) Spiked Sample: 339530

QC Batch: 104378
Prep Batch: 88451

Date Analyzed: 2013-08-24
QC Preparation: 2013-08-24

Analyzed By: MT
Prepared By: MT

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.0818	mg/L	1	0.100	<0.000567	82	50.2 - 129
Toluene		1	0.0804	mg/L	1	0.100	<0.000518	80	58.1 - 129
Ethylbenzene		1	0.0793	mg/L	1	0.100	<0.000518	79	58.1 - 127
Xylene		1	0.242	mg/L	1	0.300	<0.000548	81	53.1 - 128

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

Param				MSD		Dil.	Spike Amount	Matrix Result	Rec.	Rec.		RPD
	F	C	Result	Units	Limit					RPD		
Benzene	Q _r	Q _r	1	0.120	mg/L	1	0.100	<0.000567	120	50.2 - 129	38	20
Toluene	Q _r	Q _r	1	0.122	mg/L	1	0.100	<0.000518	122	58.1 - 129	41	20
Ethylbenzene	Q _r	Q _r	1	0.121	mg/L	1	0.100	<0.000518	121	58.1 - 127	42	20
Xylene	Q _r	Q _r	1	0.364	mg/L	1	0.300	<0.000548	121	53.1 - 128	40	20

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

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.102	0.106	mg/L	1	0.1	102	106	75.4 - 120
4-Bromofluorobenzene (4-BFB)	0.105	0.108	mg/L	1	0.1	105	108	74.6 - 120

Matrix Spike (MS-1) Spiked Sample: 338643

QC Batch: 104387
Prep Batch: 88458

Date Analyzed: 2013-08-24
QC Preparation: 2013-08-24

Analyzed By: AK
Prepared By: AK

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		2	1.36	mg/L	5	0.500	0.839	104	70 - 130
Toluene		2	0.544	mg/L	5	0.500	<0.00150	109	70 - 130
Ethylbenzene		2	0.772	mg/L	5	0.500	0.295	95	70 - 130
Xylene		2	2.62	mg/L	5	1.50	1.25	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		2	1.34	mg/L	5	0.500	0.839	100	70 - 130	2	20
Toluene		2	0.546	mg/L	5	0.500	<0.00150	109	70 - 130	0	20

continued ...

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matrix spikes continued ...

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Ethylbenzene		2	0.782	mg/L	5	0.500	0.295	97	70 - 130	1	20
Xylene		2	2.67	mg/L	5	1.50	1.25	95	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)	0.446	0.430	mg/L	5	0.5	89	86	70 - 130
4-Bromofluorobenzene (4-BFB)	0.509	0.498	mg/L	5	0.5	102	100	70 - 130

Matrix Spike (MS-1) Spiked Sample: 339851

QC Batch: 104417
Prep Batch: 88480

Date Analyzed: 2013-08-26
QC Preparation: 2013-08-26

Analyzed By: JS
Prepared By: JS

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	15.8	mg/L	100	10.0	5.22	106	50.2 - 129
Toluene		1	11.1	mg/L	100	10.0	0.174	109	58.1 - 129
Ethylbenzene		1	10.6	mg/L	100	10.0	<0.0518	106	58.1 - 127
Xylene		1	32.1	mg/L	100	30.0	0.121	106	53.1 - 128

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

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	15.9	mg/L	100	10.0	5.22	107	50.2 - 129	1	20
Toluene		1	11.8	mg/L	100	10.0	0.174	116	58.1 - 129	6	20
Ethylbenzene		1	11.3	mg/L	100	10.0	<0.0518	113	58.1 - 127	6	20
Xylene		1	33.8	mg/L	100	30.0	0.121	112	53.1 - 128	5	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)	11.1	11.2	mg/L	100	10	111	112	75.4 - 120
4-Bromofluorobenzene (4-BFB)	10.1	10.3	mg/L	100	10	101	103	74.6 - 120

Calibration Standards

Standard (CCV-1)

QC Batch: 104378

Date Analyzed: 2013-08-24

Analyzed By: MT

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0898	90	80 - 120	2013-08-24
Toluene		1	mg/L	0.100	0.0937	94	80 - 120	2013-08-24
Ethylbenzene		1	mg/L	0.100	0.0940	94	80 - 120	2013-08-24
Xylene		1	mg/L	0.300	0.286	95	80 - 120	2013-08-24

Standard (CCV-2)

QC Batch: 104378

Date Analyzed: 2013-08-24

Analyzed By: MT

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.112	112	80 - 120	2013-08-24
Toluene		1	mg/L	0.100	0.113	113	80 - 120	2013-08-24
Ethylbenzene		1	mg/L	0.100	0.110	110	80 - 120	2013-08-24
Xylene		1	mg/L	0.300	0.332	111	80 - 120	2013-08-24

Standard (CCV-3)

QC Batch: 104378

Date Analyzed: 2013-08-24

Analyzed By: MT

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.100	100	80 - 120	2013-08-24
Toluene		1	mg/L	0.100	0.101	101	80 - 120	2013-08-24
Ethylbenzene		1	mg/L	0.100	0.0994	99	80 - 120	2013-08-24
Xylene		1	mg/L	0.300	0.301	100	80 - 120	2013-08-24

Report Date: August 27, 2013
2005-00138

Work Order: 13081513
34 Junction South

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New Mexico

Standard (CCV-1)

QC Batch: 104387

Date Analyzed: 2013-08-24

Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		2	mg/L	0.100	0.101	101	80 - 120	2013-08-24
Toluene		2	mg/L	0.100	0.104	104	80 - 120	2013-08-24
Ethylbenzene		2	mg/L	0.100	0.103	103	80 - 120	2013-08-24
Xylene		2	mg/L	0.300	0.304	101	80 - 120	2013-08-24

Standard (CCV-2)

QC Batch: 104387

Date Analyzed: 2013-08-24

Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		2	mg/L	0.100	0.0948	95	80 - 120	2013-08-24
Toluene		2	mg/L	0.100	0.0973	97	80 - 120	2013-08-24
Ethylbenzene		2	mg/L	0.100	0.0983	98	80 - 120	2013-08-24
Xylene		2	mg/L	0.300	0.289	96	80 - 120	2013-08-24

Standard (CCV-1)

QC Batch: 104417

Date Analyzed: 2013-08-26

Analyzed By: JS

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	2013-08-26
Toluene		1	mg/L	0.100	0.107	107	80 - 120	2013-08-26
Ethylbenzene		1	mg/L	0.100	0.106	106	80 - 120	2013-08-26
Xylene		1	mg/L	0.300	0.319	106	80 - 120	2013-08-26

Standard (CCV-2)

QC Batch: 104417

Date Analyzed: 2013-08-26

Analyzed By: JS

Report Date: August 27, 2013
2005-00138

Work Order: 13081513
34 Junction South

Page Number: 17 of 19
New Mexico

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0996	100	80 - 120	2013-08-26
Toluene		1	mg/L	0.100	0.102	102	80 - 120	2013-08-26
Ethylbenzene		1	mg/L	0.100	0.102	102	80 - 120	2013-08-26
Xylene		1	mg/L	0.300	0.309	103	80 - 120	2013-08-26

Standard (CCV-3)

QC Batch: 104417

Date Analyzed: 2013-08-26

Analyzed By: JS

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0942	94	80 - 120	2013-08-26
Toluene		1	mg/L	0.100	0.0956	96	80 - 120	2013-08-26
Ethylbenzene		1	mg/L	0.100	0.0955	96	80 - 120	2013-08-26
Xylene		1	mg/L	0.300	0.291	97	80 - 120	2013-08-26

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	T104704219-13-9	Lubbock
2	NELAP	T104704392-12-4	Midland

Standard Flags

F	Description
B	Analyte detected in the corresponding method blank above the method detection limit
H	Analyzed out of hold time
J	Estimated concentration
Jb	The analyte is positively identified and the value is approximated between the SDL and MQL. Sample contains less than 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

Report Date: August 27, 2013
2005-00138

Work Order: 13081513
34 Junction South

Page Number: 19 of 19
New Mexico

Attachments

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

TraceAnalysis, Inc.

email: lab@traceanalysis.com

6701 Aberdeen Avenue, Suite 9
Lubbock, Texas 79424
Tel (806) 794-1296
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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

Company Name:	Nova	Phone #:	432520 7720
Address:	(Street, City, Zip) 2051 Commerce Dr	Fax #:	
Contact Person:	Camille Bryant	E-mail:	
Invoice to: (If different from above)		Project Name:	34 J South
Project #:	2005 05138	Sampler Signature:	<i>[Signature]</i>
Project Location (including state):	new mexico		

ANALYSIS REQUEST

(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX			PRESERVATIVE METHOD					SAMPLING		TIME	Hold
				WATER	SOIL	AIR	SLUDGE	HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE	NONE		
338638	MW-14	3	VOA	X				X				X	8/14/13	100	
338639	MW-15	1	1											115	
338640	MW-16	1	1											127	
338641	MW-12	1	1											146	
338642	MW-13	1	1											201	
338643	MW-4	1	1											235	
338644	MW-8	1	1											300	
1513															

Address: 2051 Commerce Dr
Camille Bryant

Contact Person: Camille Bryant

Invoice to: (If different from above)

Project #: 200500138

Project Location (including state): New Mexico

Project Name: 34 J South

Sampler Signature: 

Turn Around Time if different from standard

Na, Ca, Mg, K, TDS, EC

Cl, F, SO₄, NO₃-N, NO₂-N, PO₄-P, Alkalinity

Moisture Content

BOD, TSS, pH

Pesticides 8081 / 608

PCB's 8082 / 608

GC/MS Semi. Vol. 8270 / 625

GC/MS Vol. 8260 / 624

RCI

TCLP Pesticides

TCLP Semi Volatiles

TCLP Volatiles

TCLP Metals Ag As Ba Cd Cr Pb Se Hg

Total Metals Ag As Ba Cd Cr Pb Se Hg 6010/200.7

PAH 8270 / 625

TPH 8015 GRO / DRO / TVHC

TPH 418.1 / TX1005 / TX1005 Ext(C35)

BTEX 8021 602 / 8260 / 624

MTBE 8021 / 602 / 8260 / 624

338638

338639

338640

338641

338642

338643

338644

1513

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST	OBS	COR	LAB USE	REMARKS:
John Flores	Nova	8/15/13	0700	Charles Williams	T/A	8/15/13	8:20	INST	OBS	COR	ONLY	NO Head space 8/15/13
James Green	Nova	8/15/13	820					INST	OBS	COR	Intact ☒ N Headspace ☐ Y ☒ NA	☐ Dry Weight Basis Required ☐ TRRP Report Required ☐ Check if Special Reporting Limits Are Needed
								INST	OBS	COR	Log-in-Review ☒	

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

ORIGINAL COPY

Summary Report

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

Report Date: September 6, 2013

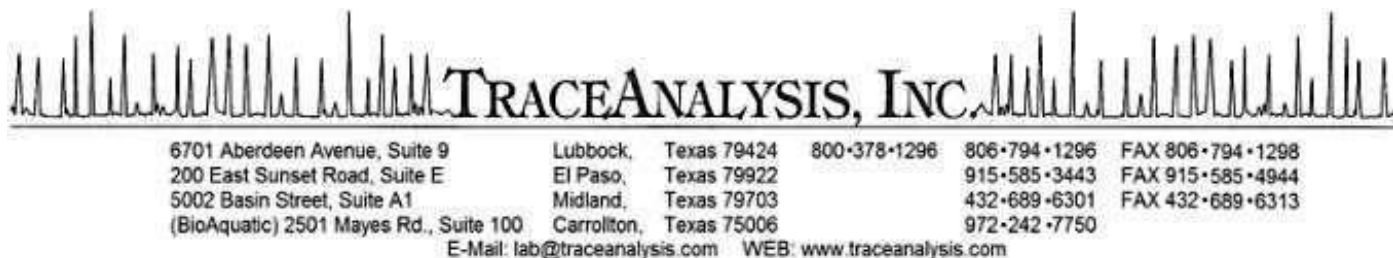
Work Order: 13090406



Project Location: SW of Lovington, NM
Project Name: 34 Junction South
SRS #: 2005-00138

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
340862	MW-16	water	2013-09-03	12:50	2013-09-04

Sample - Field Code	BTEX			
	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)
340862 - MW-16	0.205 Qs	<0.00100 Qs	<0.00100 Qs	<0.00100 Qs



Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

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

Report Date: September 6, 2013

Work Order: 13090406



Project Location: SW of Lovington, NM
Project Name: 34 Junction South
Project Number: 34 Junction South
SRS #: 2005-00138

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
340862	MW-16	water	2013-09-03	12:50	2013-09-04

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

This report consists of a total of 10 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Dr. Blair Leftwich, Director
Dr. Michael Abel, Project Manager

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Case Narrative

Samples for project 34 Junction South were received by TraceAnalysis, Inc. on 2013-09-04 and assigned to work order 13090406. Samples for work order 13090406 were received intact without headspace and at a temperature of 4.5 C.

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

Test	Method	Prep Batch	Prep Date	QC Batch	Analysis Date
BTEX	S 8021B	88772	2013-09-05 at 16:19	104769	2013-09-05 at 16:19

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 13090406 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.

Report Date: September 6, 2013
34 Junction South

Work Order: 13090406
34 Junction South

Page Number: 4 of 10
SW of Lovington, NM

Analytical Report

Sample: 340862 - MW-16

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 104769
Prep Batch: 88772

Analytical Method: S 8021B
Date Analyzed: 2013-09-05
Sample Preparation: 2013-09-05

Prep Method: S 5030B
Analyzed By: JS
Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qs	1	0.205	mg/L	1	0.00100
Toluene	Qs,U	1	<0.00100	mg/L	1	0.00100
Ethylbenzene	Qs,U	1	<0.00100	mg/L	1	0.00100
Xylene	Qs,U	1	<0.00100	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.113	mg/L	1	0.100	113	75.4 - 120
4-Bromofluorobenzene (4-BFB)			0.0991	mg/L	1	0.100	99	74.6 - 120

Method Blanks

Method Blank (1) QC Batch: 104769

QC Batch: 104769
Prep Batch: 88772

Date Analyzed: 2013-09-05
QC Preparation: 2013-09-05

Analyzed By: JS
Prepared By: JS

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1	<0.000567	mg/L	0.001
Toluene		1	<0.000518	mg/L	0.001
Ethylbenzene		1	<0.000518	mg/L	0.001
Xylene		1	<0.000548	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.106	mg/L	1	0.100	106	75.4 - 120
4-Bromofluorobenzene (4-BFB)			0.105	mg/L	1	0.100	105	74.6 - 120

Report Date: September 6, 2013
34 Junction South

Work Order: 13090406
34 Junction South

Page Number: 6 of 10
SW of Lovington, NM

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 104769
Prep Batch: 88772

Date Analyzed: 2013-09-05
QC Preparation: 2013-09-05

Analyzed By: JS
Prepared By: JS

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.104	mg/L	1	0.100	<0.000567	104	74.3 - 120
Toluene		1	0.0953	mg/L	1	0.100	<0.000518	95	77.6 - 120
Ethylbenzene		1	0.101	mg/L	1	0.100	<0.000518	101	78.5 - 120
Xylene		1	0.309	mg/L	1	0.300	<0.000548	103	77.6 - 120

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

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.103	mg/L	1	0.100	<0.000567	103	74.3 - 120	1	20
Toluene		1	0.0944	mg/L	1	0.100	<0.000518	94	77.6 - 120	1	20
Ethylbenzene		1	0.100	mg/L	1	0.100	<0.000518	100	78.5 - 120	1	20
Xylene		1	0.306	mg/L	1	0.300	<0.000548	102	77.6 - 120	1	20

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

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.109	0.108	mg/L	1	0.100	109	108	75.4 - 120
4-Bromofluorobenzene (4-BFB)	0.108	0.107	mg/L	1	0.100	108	107	74.6 - 120

Matrix Spike (MS-1) Spiked Sample: 340866

QC Batch: 104769
Prep Batch: 88772

Date Analyzed: 2013-09-05
QC Preparation: 2013-09-05

Analyzed By: JS
Prepared By: JS

Param				MS			Spike	Matrix		Rec.
	F	C		Result	Units	Dil.	Amount	Result	Rec.	Limit
Benzene	Qs	Qs	1	1.43	mg/L	10	1.00	0.452	98	50.2 - 129
Toluene	Qs	Qs	1	5.84	mg/L	10	1.00	4.83	101	58.1 - 129
Ethylbenzene	Qs	Qs	1	1.36	mg/L	10	1.00	0.334	103	58.1 - 127
Xylene	Qs	Qs	1	7.19	mg/L	10	3.00	4.12	102	53.1 - 128

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

Report Date: September 6, 2013
34 Junction South

Work Order: 13090406
34 Junction South

Page Number: 7 of 10
SW of Lovington, NM

Param			MSD		Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit	
	F	C	Result	Units								
Benzene	Q _S	Q _S	1	1.46	mg/L	10	1.00	0.452	101	50.2 - 129	2	20
Toluene	Q _S	Q _S	1	5.95	mg/L	10	1.00	4.83	112	58.1 - 129	2	20
Ethylbenzene	Q _S	Q _S	1	1.40	mg/L	10	1.00	0.334	107	58.1 - 127	3	20
Xylene	Q _S	Q _S	1	7.28	mg/L	10	3.00	4.12	105	53.1 - 128	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)	1.04	1.08	mg/L	10	1	104	108	75.4 - 120
4-Bromofluorobenzene (4-BFB)	1.00	1.03	mg/L	10	1	100	103	74.6 - 120

Calibration Standards

Standard (CCV-1)

QC Batch: 104769

Date Analyzed: 2013-09-05

Analyzed By: JS

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	2013-09-05
Toluene		1	mg/L	0.100	0.0964	96	80 - 120	2013-09-05
Ethylbenzene		1	mg/L	0.100	0.104	104	80 - 120	2013-09-05
Xylene		1	mg/L	0.300	0.312	104	80 - 120	2013-09-05

Standard (CCV-2)

QC Batch: 104769

Date Analyzed: 2013-09-05

Analyzed By: JS

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0957	96	80 - 120	2013-09-05
Toluene		1	mg/L	0.100	0.0874	87	80 - 120	2013-09-05
Ethylbenzene		1	mg/L	0.100	0.0959	96	80 - 120	2013-09-05
Xylene		1	mg/L	0.300	0.289	96	80 - 120	2013-09-05

Appendix

Report Definitions

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

Laboratory Certifications

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

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

Report Date: September 6, 2013
34 Junction South

Work Order: 13090406
34 Junction South

Page Number: 10 of 10
SW of Lovington, NM

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

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

ORIGINAL COPY

Summary Report

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

Report Date: November 27, 2013

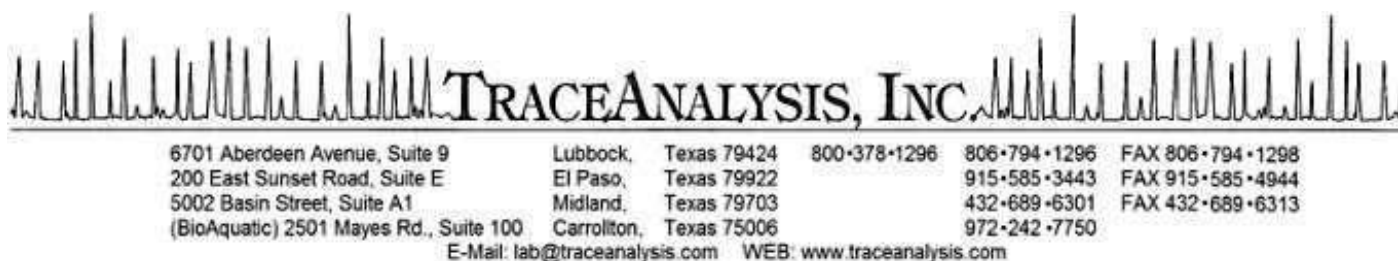
Work Order: 13111901



Project Location: SW of Lovington, NM
Project Name: 34 Junction South
SRS #: 2005-00138

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
346906	MW-1	water	2013-11-18	13:46	2013-11-19
346907	MW-2	water	2013-11-18	13:59	2013-11-19
346908	MW-6	water	2013-11-18	14:17	2013-11-19
346909	MW-17	water	2013-11-18	14:35	2013-11-19
346910	MW-7	water	2013-11-18	14:55	2013-11-19
346911	MW-14	water	2013-11-18	15:20	2013-11-19
346912	MW-15	water	2013-11-18	15:33	2013-11-19
346913	MW-12	water	2013-11-18	15:50	2013-11-19
346914	MW-13	water	2013-11-18	16:10	2013-11-19
346915	MW-16	water	2013-11-18	16:27	2013-11-19
346916	MW-8	water	2013-11-18	16:57	2013-11-19
346917	MW-4	water	2013-11-18	17:30	2013-11-19

Sample - Field Code	BTEX			
	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)
346906 - MW-1	<0.00100 Qr	<0.00100 Qr	<0.00100 Qr	<0.00300 Qr
346907 - MW-2	<0.00100 Qr	<0.00100 Qr	<0.00100 Qr	<0.00300 Qr
346908 - MW-6	<0.00100 Qr	<0.00100 Qr	<0.00100 Qr	<0.00300 Qr
346909 - MW-17	<0.00100 Qr	<0.00100 Qr	<0.00100 Qr	<0.00300 Qr
346910 - MW-7	<0.00100 Qr	<0.00100 Qr	<0.00100 Qr	<0.00300 Qr
346911 - MW-14	<0.00100 Qr	<0.00100 Qr	<0.00100 Qr	<0.00300 Qr
346912 - MW-15	<0.00100 Qr	<0.00100 Qr	<0.00100 Qr	<0.00300 Qr
346913 - MW-12	<0.00100 Qr	<0.00100 Qr	<0.00100 Qr	<0.00300 Qr
346914 - MW-13	0.00630 Qr	<0.00100 Qr	0.00540 Qr	<0.00300 Qr
346915 - MW-16	0.0931 Qr	<0.00100 Qr	<0.00100 Qr	<0.00300 Qr
346916 - MW-8	0.204 Qr	0.119 Qr	0.158 Qr	0.602 Qr
346917 - MW-4	1.54	<0.0500	<0.0500	0.354



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 27, 2013

Work Order: 13111901



Project Location: SW of Lovington, NM
Project Name: 34 Junction South
Project Number: 34 Junction South
SRS #: 2005-00138

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
346906	MW-1	water	2013-11-18	13:46	2013-11-19
346907	MW-2	water	2013-11-18	13:59	2013-11-19
346908	MW-6	water	2013-11-18	14:17	2013-11-19
346909	MW-17	water	2013-11-18	14:35	2013-11-19
346910	MW-7	water	2013-11-18	14:55	2013-11-19
346911	MW-14	water	2013-11-18	15:20	2013-11-19
346912	MW-15	water	2013-11-18	15:33	2013-11-19
346913	MW-12	water	2013-11-18	15:50	2013-11-19
346914	MW-13	water	2013-11-18	16:10	2013-11-19
346915	MW-16	water	2013-11-18	16:27	2013-11-19
346916	MW-8	water	2013-11-18	16:57	2013-11-19
346917	MW-4	water	2013-11-18	17:30	2013-11-19

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

This report consists of a total of 18 pages and shall not be reproduced except in its entirety, without written approval of

TraceAnalysis, Inc.

A handwritten signature in black ink that reads "Michael Abel". The signature is written in a cursive style with a large, stylized 'M' and 'A'.

Dr. Blair Leftwich, Director
Dr. Michael Abel, Project Manager

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Case Narrative

Samples for project 34 Junction South were received by TraceAnalysis, Inc. on 2013-11-19 and assigned to work order 13111901. Samples for work order 13111901 were received intact without headspace and at a temperature of 4.7 C.

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

Test	Method	Prep Batch	Prep Date	QC Batch	Analysis Date
BTEX	S 8021B	90529	2013-11-20 at 11:25	106957	2013-11-21 at 12:10
BTEX	S 8021B	90552	2013-11-21 at 08:56	106991	2013-11-22 at 09:37

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 13111901 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.

Report Date: November 27, 2013
34 Junction South

Work Order: 13111901
34 Junction South

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Analytical Report

Sample: 346906 - MW-1

Laboratory: Midland
Analysis: BTEX
QC Batch: 106957
Prep Batch: 90529

Analytical Method: S 8021B
Date Analyzed: 2013-11-21
Sample Preparation: 2013-11-20

Prep Method: S 5030B
Analyzed By: AK
Prepared By: AK

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0966	mg/L	1	0.100	97	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0860	mg/L	1	0.100	86	70 - 130

Sample: 346907 - MW-2

Laboratory: Midland
Analysis: BTEX
QC Batch: 106957
Prep Batch: 90529

Analytical Method: S 8021B
Date Analyzed: 2013-11-21
Sample Preparation: 2013-11-20

Prep Method: S 5030B
Analyzed By: AK
Prepared By: AK

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0967	mg/L	1	0.100	97	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0858	mg/L	1	0.100	86	70 - 130

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Sample: 346908 - MW-6

Laboratory: Midland

Analysis: BTEX

QC Batch: 106957

Prep Batch: 90529

Analytical Method: S 8021B

Date Analyzed: 2013-11-21

Sample Preparation: 2013-11-20

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0968	mg/L	1	0.100	97	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0866	mg/L	1	0.100	87	70 - 130

Sample: 346909 - MW-17

Laboratory: Midland

Analysis: BTEX

QC Batch: 106957

Prep Batch: 90529

Analytical Method: S 8021B

Date Analyzed: 2013-11-21

Sample Preparation: 2013-11-20

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0947	mg/L	1	0.100	95	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0862	mg/L	1	0.100	86	70 - 130

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Sample: 346910 - MW-7

Laboratory: Midland

Analysis: BTEX

QC Batch: 106957

Prep Batch: 90529

Analytical Method: S 8021B

Date Analyzed: 2013-11-21

Sample Preparation: 2013-11-20

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0964	mg/L	1	0.100	96	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0838	mg/L	1	0.100	84	70 - 130

Sample: 346911 - MW-14

Laboratory: Midland

Analysis: BTEX

QC Batch: 106957

Prep Batch: 90529

Analytical Method: S 8021B

Date Analyzed: 2013-11-21

Sample Preparation: 2013-11-20

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0962	mg/L	1	0.100	96	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0861	mg/L	1	0.100	86	70 - 130

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Sample: 346912 - MW-15

Laboratory: Midland

Analysis: BTEX

QC Batch: 106957

Prep Batch: 90529

Analytical Method: S 8021B

Date Analyzed: 2013-11-21

Sample Preparation: 2013-11-20

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0953	mg/L	1	0.100	95	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0848	mg/L	1	0.100	85	70 - 130

Sample: 346913 - MW-12

Laboratory: Midland

Analysis: BTEX

QC Batch: 106957

Prep Batch: 90529

Analytical Method: S 8021B

Date Analyzed: 2013-11-21

Sample Preparation: 2013-11-20

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0979	mg/L	1	0.100	98	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0852	mg/L	1	0.100	85	70 - 130

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Sample: 346914 - MW-13

Laboratory: Midland

Analysis: BTEX

QC Batch: 106957

Prep Batch: 90529

Analytical Method: S 8021B

Date Analyzed: 2013-11-21

Sample Preparation: 2013-11-20

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qr	1	0.00630	mg/L	1	0.00100
Toluene	Qr,U	1	<0.00100	mg/L	1	0.00100
Ethylbenzene	Qr	1	0.00540	mg/L	1	0.00100
Xylene	Qr,U	1	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0981	mg/L	1	0.100	98	70 - 130
4-Bromofluorobenzene (4-BFB)			0.114	mg/L	1	0.100	114	70 - 130

Sample: 346915 - MW-16

Laboratory: Midland

Analysis: BTEX

QC Batch: 106957

Prep Batch: 90529

Analytical Method: S 8021B

Date Analyzed: 2013-11-21

Sample Preparation: 2013-11-20

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qr	1	0.0931	mg/L	1	0.00100
Toluene	Qr,U	1	<0.00100	mg/L	1	0.00100
Ethylbenzene	Qr,U	1	<0.00100	mg/L	1	0.00100
Xylene	Qr,U	1	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0964	mg/L	1	0.100	96	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0901	mg/L	1	0.100	90	70 - 130

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Sample: 346916 - MW-8

Laboratory: Midland

Analysis: BTEX

QC Batch: 106957

Prep Batch: 90529

Analytical Method: S 8021B

Date Analyzed: 2013-11-21

Sample Preparation: 2013-11-20

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Q _r	1	0.204	mg/L	50	0.00100
Toluene	Q _r	1	0.119	mg/L	50	0.00100
Ethylbenzene	Q _r	1	0.158	mg/L	50	0.00100
Xylene	Q _r	1	0.602	mg/L	50	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	Q _{sr}	Q _{sr}	4.84	mg/L	50	0.100	4840	70 - 130
4-Bromofluorobenzene (4-BFB)	Q _{sr}	Q _{sr}	4.48	mg/L	50	0.100	4480	70 - 130

Sample: 346917 - MW-4

Laboratory: Midland

Analysis: BTEX

QC Batch: 106991

Prep Batch: 90552

Analytical Method: S 8021B

Date Analyzed: 2013-11-22

Sample Preparation: 2013-11-21

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	1.54	mg/L	50	0.00100
Toluene	U	1	<0.0500	mg/L	50	0.00100
Ethylbenzene	U	1	<0.0500	mg/L	50	0.00100
Xylene		1	0.354	mg/L	50	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	Q _{sr}	Q _{sr}	4.65	mg/L	50	0.100	4650	70 - 130
4-Bromofluorobenzene (4-BFB)	Q _{sr}	Q _{sr}	4.42	mg/L	50	0.100	4420	70 - 130

Method Blanks

Method Blank (1) QC Batch: 106957

QC Batch: 106957
Prep Batch: 90529

Date Analyzed: 2013-11-21
QC Preparation: 2013-11-20

Analyzed By: AK
Prepared By: AK

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1	<0.000600	mg/L	0.001
Toluene		1	<0.000400	mg/L	0.001
Ethylbenzene		1	<0.000600	mg/L	0.001
Xylene		1	<0.00130	mg/L	0.003

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0977	mg/L	1	0.100	98	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0861	mg/L	1	0.100	86	70 - 130

Method Blank (1) QC Batch: 106991

QC Batch: 106991
Prep Batch: 90552

Date Analyzed: 2013-11-22
QC Preparation: 2013-11-21

Analyzed By: AK
Prepared By: AK

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0992	mg/L	1	0.100	99	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0871	mg/L	1	0.100	87	70 - 130

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Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 106957
Prep Batch: 90529

Date Analyzed: 2013-11-21
QC Preparation: 2013-11-20

Analyzed By: AK
Prepared By: AK

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.101	mg/L	1	0.100	<0.000600	101	70 - 130
Toluene		1	0.100	mg/L	1	0.100	<0.000400	100	70 - 130
Ethylbenzene		1	0.106	mg/L	1	0.100	<0.000600	106	70 - 130
Xylene		1	0.322	mg/L	1	0.300	<0.00130	107	70 - 130

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

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.102	mg/L	1	0.100	<0.000600	102	70 - 130	1	20
Toluene		1	0.101	mg/L	1	0.100	<0.000400	101	70 - 130	1	20
Ethylbenzene		1	0.106	mg/L	1	0.100	<0.000600	106	70 - 130	0	20
Xylene		1	0.322	mg/L	1	0.300	<0.00130	107	70 - 130	0	20

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

Surrogate	LCS Result	LCS Result	Units	Dil.	Spike Amount	LCS Rec.	LCS Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0998	0.0986	mg/L	1	0.100	100	99	70 - 130
4-Bromofluorobenzene (4-BFB)	0.106	0.105	mg/L	1	0.100	106	105	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 106991
Prep Batch: 90552

Date Analyzed: 2013-11-22
QC Preparation: 2013-11-21

Analyzed By: AK
Prepared By: AK

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.0954	mg/L	1	0.100	<0.000200	95	70 - 130
Toluene		1	0.0953	mg/L	1	0.100	<0.000300	95	70 - 130
Ethylbenzene		1	0.0908	mg/L	1	0.100	<0.000400	91	70 - 130
Xylene		1	0.276	mg/L	1	0.300	<0.00120	92	70 - 130

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

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Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.0950	mg/L	1	0.100	<0.000200	95	70 - 130	0	20
Toluene		1	0.0951	mg/L	1	0.100	<0.000300	95	70 - 130	0	20
Ethylbenzene		1	0.0910	mg/L	1	0.100	<0.000400	91	70 - 130	0	20
Xylene		1	0.275	mg/L	1	0.300	<0.00120	92	70 - 130	0	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)	0.0956	0.0920	mg/L	1	0.100	96	92	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0918	0.0882	mg/L	1	0.100	92	88	70 - 130

Matrix Spike (MS-1) Spiked Sample: 346805

QC Batch: 106957
Prep Batch: 90529

Date Analyzed: 2013-11-21
QC Preparation: 2013-11-20

Analyzed By: AK
Prepared By: AK

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.0814	mg/L	1	0.100	<0.000600	81	70 - 130
Toluene		1	0.0792	mg/L	1	0.100	<0.000400	79	70 - 130
Ethylbenzene		1	0.0813	mg/L	1	0.100	<0.000600	81	70 - 130
Xylene		1	0.247	mg/L	1	0.300	<0.00130	82	70 - 130

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

Param				MSD		Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
	F	C	Result	Units								
Benzene	Q _r	Q _r	1	0.100	mg/L	1	0.100	<0.000600	100	70 - 130	20	20
Toluene	Q _r	Q _r	1	0.0971	mg/L	1	0.100	<0.000400	97	70 - 130	20	20
Ethylbenzene	Q _r	Q _r	1	0.102	mg/L	1	0.100	<0.000600	102	70 - 130	23	20
Xylene	Q _r	Q _r	1	0.310	mg/L	1	0.300	<0.00130	103	70 - 130	23	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)	0.0993	0.100	mg/L	1	0.1	99	100	70 - 130
4-Bromofluorobenzene (4-BFB)	0.102	0.105	mg/L	1	0.1	102	105	70 - 130

Report Date: November 27, 2013
34 Junction South

Work Order: 13111901
34 Junction South

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Matrix Spike (MS-1) Spiked Sample: 347118

QC Batch: 106991
Prep Batch: 90552

Date Analyzed: 2013-11-22
QC Preparation: 2013-11-21

Analyzed By: AK
Prepared By: AK

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	1	1	0.0989	mg/L	1	0.100	<0.000200	99	70 - 130
Toluene		1	0.0971	mg/L	1	0.100	<0.000300	97	70 - 130
Ethylbenzene		1	0.0930	mg/L	1	0.100	<0.000400	93	70 - 130
Xylene		1	0.284	mg/L	1	0.300	<0.00120	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	2	1	0.0981	mg/L	1	0.100	<0.000200	98	70 - 130	1	20
Toluene		1	0.0969	mg/L	1	0.100	<0.000300	97	70 - 130	0	20
Ethylbenzene		1	0.0934	mg/L	1	0.100	<0.000400	93	70 - 130	0	20
Xylene		1	0.281	mg/L	1	0.300	<0.00120	94	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)	0.0997	0.0989	mg/L	1	0.1	100	99	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0969	0.0951	mg/L	1	0.1	97	95	70 - 130

Calibration Standards

Standard (CCV-1)

QC Batch: 106957

Date Analyzed: 2013-11-21

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	2013-11-21
Toluene		1	mg/L	0.100	0.104	104	80 - 120	2013-11-21
Ethylbenzene		1	mg/L	0.100	0.111	111	80 - 120	2013-11-21
Xylene		1	mg/L	0.300	0.336	112	80 - 120	2013-11-21

Standard (CCV-2)

QC Batch: 106957

Date Analyzed: 2013-11-21

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	0.104	104	80 - 120	2013-11-21
Toluene		1	mg/L	0.100	0.102	102	80 - 120	2013-11-21
Ethylbenzene		1	mg/L	0.100	0.108	108	80 - 120	2013-11-21
Xylene		1	mg/L	0.300	0.327	109	80 - 120	2013-11-21

Standard (CCV-3)

QC Batch: 106957

Date Analyzed: 2013-11-21

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	2013-11-21
Toluene		1	mg/L	0.100	0.0986	99	80 - 120	2013-11-21
Ethylbenzene		1	mg/L	0.100	0.104	104	80 - 120	2013-11-21
Xylene		1	mg/L	0.300	0.314	105	80 - 120	2013-11-21

Report Date: November 27, 2013
34 Junction South

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Standard (CCV-1)

QC Batch: 106991

Date Analyzed: 2013-11-22

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	0.0972	97	80 - 120	2013-11-22
Toluene		1	mg/L	0.100	0.0971	97	80 - 120	2013-11-22
Ethylbenzene		1	mg/L	0.100	0.0934	93	80 - 120	2013-11-22
Xylene		1	mg/L	0.300	0.279	93	80 - 120	2013-11-22

Standard (CCV-2)

QC Batch: 106991

Date Analyzed: 2013-11-22

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	0.0957	96	80 - 120	2013-11-22
Toluene		1	mg/L	0.100	0.0950	95	80 - 120	2013-11-22
Ethylbenzene		1	mg/L	0.100	0.0919	92	80 - 120	2013-11-22
Xylene		1	mg/L	0.300	0.275	92	80 - 120	2013-11-22

Standard (CCV-3)

QC Batch: 106991

Date Analyzed: 2013-11-22

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	0.0942	94	80 - 120	2013-11-22
Toluene		1	mg/L	0.100	0.0944	94	80 - 120	2013-11-22
Ethylbenzene		1	mg/L	0.100	0.0911	91	80 - 120	2013-11-22
Xylene		1	mg/L	0.300	0.272	91	80 - 120	2013-11-22

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

Result Comments

- 1 pH > 2.
- 2 pH > 2.

Attachments

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

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
Fax (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: 2057 Commerce Dr Fax #:

Contact Person: Curt Stanley E-mail:

Invoice to: _____

(If different from above)

Project #: 2005-00138 Project Name: 34 J South

Project Location (including state): NM Sampler Signature: _____

ANALYSIS REQUEST
(Circle or Specify Method No.)

2057 Commerce Dr	Project Name:	34 J South	Project #:	2005-00138	Project Location (including state):	Nm	LAB #	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX	PRESERVATIVE METHOD						SAMPLING		TIME	DATE	HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE	NONE	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260 / 624	GC/MS Semi. Vol. 8270 / 625	PCBs 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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Contact Person:	Invoice to:	Project #:	Project Location (including state):	LAB USE ONLY	WATER	SOIL	AIR	SLUDGE	3	VDA	X	X	X	X	X	X	X	X	X																							X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Relinquished by: _____	Company: _____	Date: _____	Time: _____	Received by: _____	Company: _____	Date: _____	Time: _____	INST OBS _____	INST COR _____	REMARKS: <u>Method all</u>
Relinquished by: _____	Company: _____	Date: _____	Time: _____	Received by: _____	Company: _____	Date: _____	Time: _____	INST OBS _____	INST COR _____	LAB USE ONLY
Relinquished by: _____	Company: _____	Date: _____	Time: _____	Received by: _____	Company: _____	Date: _____	Time: _____	INST OBS _____	INST COR _____	Initials: _____

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

Company Name: NOVA
Address: (Street, City, Zip) 2057 commerce Dr
Contact Person: cyrt stanley
Invoice to:
(If different from above)
Project #: 2005-01138
Project Name: 345 south
Sampler Signature: [Signature]

ANALYSIS REQUEST or Specify Method

[illegible]

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST	OBS	COR	REMARKS:
<i>[Signature]</i>				<i>[Signature]</i>							
<i>[Signature]</i>				<i>[Signature]</i>							
<i>[Signature]</i>				<i>[Signature]</i>							