



**2014
ANNUAL MONITORING REPORT**

TNM SPS-11
NW ¼ SE ¼ of SECTION 18, TOWNSHIP 18 SOUTH, RANGE 36 EAST
LEA COUNTY, NEW MEXICO
PLAINS SRS NUMBER: TNM-SPS-11
NMOCD Reference GW-0140

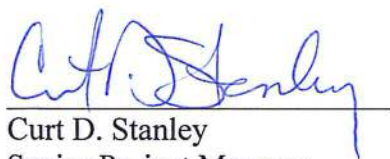
PREPARED FOR:

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

PREPARED BY:

TRC SOLUTIONS, INC.
2057 Commerce
Midland, Texas 79703

March 2015


Curt D. Stanley
Senior Project Manager

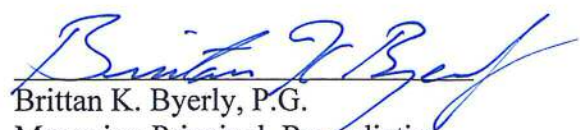

Brittan K. Byerly, P.G.
Managing Principal, Remediation

TABLE OF CONTENTS

INTRODUCTION.....	1
SITE DESCRIPTION AND BACKGROUND INFORMATION.....	1
FIELD ACTIVITIES.....	2
LABORATORY RESULTS	3
SUMMARY	10
ANTICIPATED ACTIONS	11
LIMITATIONS	11
DISTRIBUTION.....	13

FIGURES

Figure 1 – Site Location Map

Figure 2 – Site Map

Figure 3A – Inferred Groundwater Gradient Map – February 19-20, 2014

3B – Inferred Groundwater Gradient Map – May 20, 2014

3C – Inferred Groundwater Gradient Map – August 18-19, 2014

3D – Inferred Groundwater Gradient Map – November 25-26, 2014

Figure 4 – Differentiated Area Site Map

Figure 5 – Area 1 Site Map

Figure 5A – Inferred PSH Extent Map and BTEX Concentration – Area 1 – February 19-20, 2014

5B – Inferred PSH Extent Map and BTEX Concentration – Area 1 – May 20, 2014

5C – Inferred PSH Extent Map and BTEX Concentration – Area 1 – August 19, 2014

5D – Inferred PSH Extent Map and BTEX Concentration – Area 1 – November 25-26, 2014

Figure 6 – Area 2 Site Map

Figure 6A – Inferred PSH Extent Map and BTEX Concentration – Area 2 – February 19-20, 2014

6B – Inferred PSH Extent Map and BTEX Concentration – Area 2 – May 20, 2014

6C – Inferred PSH Extent Map and BTEX Concentration – Area 2 – August 18-19, 2014

6D – Inferred PSH Extent Map and BTEX Concentration – Area 2 – November 25-26, 2014

Figure 7 – Area 3 Site Map

Figure 7A – Inferred PSH Extent Map and BTEX Concentration – Area 3 – February 19-20, 2014
7B – Inferred PSH Extent Map and BTEX Concentration – Area 3 – May 20, 2014
7C – Inferred PSH Extent Map and BTEX Concentration – Area 3 – August 18-19, 2014
7D – Inferred PSH Extent Map and BTEX Concentration – Area 3 – November 25-26, 2014

TABLES

Table 1 – 2014 Groundwater Elevation Data
Table 2 – 2014 Concentrations of BTEX and TPH in Groundwater
Table 3 – 2014 Concentrations of PAH in Groundwater

APPENDICES

Appendix A – Release Notification and Corrective Action (Form C-141)

ENCLOSED ON DATA DISK

2014 Annual Monitoring Report
2014 Tables 1, 2 and 3 – Groundwater Elevation, BTEX and PAH Concentration Tables
2014 Figures 1, 2, 3A-3D, 4, 5, 5A-5D, 6, 6A-6D, 7, and 7A-7D
Electronic Copies of Laboratory Reports
Historic Tables 1, 2 and 3 – Groundwater Elevation, BTEX and PAH Concentration Tables

INTRODUCTION

On behalf of Plains Marketing, L.P. (Plains), TRC Solutions, Inc. (TRC) is pleased to submit this 2014 Annual Monitoring Report in compliance with the New Mexico Oil Conservation Division (NMOCD) letter of May 1998 requiring submittal of an Annual Monitoring Report by April 1 of each year. Beginning on May 29, 2004, project management responsibilities were assumed by TRC, previously NOVA Safety and Environmental. The TNM SPS-11 Release Site (the site), which was formerly the responsibility of Texas New Mexico Pipe Line Company (TNM) and EOTT Energy Corporation (EOTT), which became Link Energy, is now the responsibility of Plains. This report is intended to be viewed as a complete document with text, figures, tables and appendices. The report presents the results of the quarterly groundwater monitoring events conducted in calendar year 2014 only. However, historical data tables as well as 2014 laboratory analytical reports are included on the enclosed data disk. Historic information prior to August 19, 1999 does not appear on the enclosed data disk because this data is unavailable. For reference, the Site Location Map is provided as Figure 1.

Groundwater monitoring was conducted during each quarter of 2014 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. Groundwater samples from monitor wells containing a thickness of PSH greater than 0.01 feet at the time of sampling were not sampled during the reporting period.

SITE DESCRIPTION AND BACKGROUND INFORMATION

The site is located approximately 15 miles west of the City of Hobbs, New Mexico in the NW $\frac{1}{4}$ of the SE $\frac{1}{4}$ of Section 18, Township 18 South, Range 36 East. Observations in the field indicate the surface topography in the area of the site to be nearly flat. Ground cover consists of low grasses with few mesquite bushes. The predominant land usage in the vicinity of the site is oil and gas production and range land.

According to the Site Investigation and Remedial Action Plan prepared by TNM and dated January 25, 1993, water from a utility well (SPS-11) belonging to Southwestern Public Service Company (SPS) was sampled on April 2, 1991. The analytical results indicated benzene concentrations were above the Environmental Protection Agency (EPA) drinking water standards. The water well was taken out of service in April 1991. A TNM pipeline adjacent to the water well was identified and a hydrocarbon surface stain was observed in the vicinity of utility well SPS-11. The staining was reportedly the result of a pipeline release prior to 1975. No detailed information from the previous pipeline owners or consultants with respect to the release date, volume of crude oil released, or pipeline repair is available, at this time. The Release Notification and Corrective Action (Form C-141) is provided as Appendix A.

Initial site investigation actions were performed for TNM and EOTT by previous consultants. A total of twenty-five (25) soil borings/groundwater monitoring wells (MW-1 through MW-25) were installed prior to October 1999, and six (6) monitor wells were installed between May 2000

and December 2001. In 2004, two (2) additional monitor wells (MW-32 and MW-33) were installed. In March 2006, one (1) soil boring (SB-106) was advanced and two (2) monitor wells (MW-34 and MW-35) were installed. In September 2006, one (1) soil boring (SB-206) was advanced and three (3) monitor wells (MW-36, MW-37, and MW-38) were installed. On November 27, 2007, two (2) additional monitor wells (MW-39 and MW-40) were installed to further delineate the down gradient impact to groundwater.

Of the forty (40) monitor wells installed at the site since project inception, two (2) monitor wells (MW-5 and MW-8) cannot be located. Monitor wells MW-20, MW-22, and MW-27 were plugged and abandoned September 14, 2005, after review of relevance and upon approval of the NMOCD.

There are currently thirty-five (35) monitor wells on site.

FIELD ACTIVITIES

Product Recovery Efforts

Based on gauging data collected during the reporting period, a measurable thickness of PSH was detected in monitor wells MW-1, MW-4, MW-7, and MW-11 during the four (4) quarterly sampling events. The maximum thickness of PSH in the monitor wells was 3.77 feet as recorded in monitor well MW-11 on December 12, 2014. The average thickness of PSH in monitor wells exhibiting PSH is 1.29 feet. PSH data for the 2014 gauging events can be found in Table 1. PSH recovery is performed on a weekly schedule by manual recovery methods. Approximately 120.41 gallons (2.87 barrels) of PSH was recovered manually from the site during this reporting period.

Groundwater Monitoring

Quarterly monitoring events for the reporting period were performed according to the following sampling schedule, which was approved by the NMOCD in correspondence dated April 28, 2004 and amended by NMOCD correspondences dated June 22, 2005 and May 2, 2006.

NMOCD Approved Sampling Schedule					
MW-1	Quarterly	MW-15	Quarterly	MW-29	Quarterly
MW-2	Annually	MW-16	Quarterly	MW-30	Annually
MW-3	Annually	MW-17	Quarterly	MW-31	Annually
MW-4	Quarterly	MW-18	Semi-Annually	MW-32	Quarterly
MW-5	-	MW-19	Annually	MW-33	Quarterly
MW-6	Quarterly	MW-20	Plugged and Abandoned	MW-34	Quarterly
MW-7	Quarterly	MW-21	Annually	MW-35	Quarterly
MW-8	-	MW-22	Plugged and Abandoned	MW-36	Quarterly
MW-9	Quarterly	MW-23	Annually	MW-37	Quarterly
MW-10	Quarterly	MW-24	Quarterly	MW-38	Quarterly
MW-11	Quarterly	MW-25	Annually	MW-39	Quarterly
MW-12	Quarterly	MW-26	Quarterly	MW-40	Quarterly
MW-13	Annually	MW-27	Plugged and Abandoned		
MW-14	Quarterly	MW-28	Quarterly		

The site monitor wells were gauged and sampled on February 19-20, May 20, August 18-19, and November 25-26, 2014. During each sampling event, monitor wells were purged of a minimum of three (3) well volumes of water or until the wells failed to produce water. Purging was performed using a disposable polyethylene bailer for each well or electrical Grundfos pump and dedicated tubing. 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 quarterly sampling events performed in 2014, are depicted on Figures 3A - 3D, the Inferred Groundwater Gradient Map(s). Groundwater elevation data for 2014 is provided as Table 1. Historic groundwater elevation data is provided on the enclosed data disk.

The most recent Inferred Groundwater Gradient Map, Figure 3D, indicates a general gradient of 0.0029 feet/foot to the southeast. The corrected groundwater elevations ranged between 3,792.94 and 3,803.69 feet above mean sea level, in monitor well MW-35 on October 30, 2014 and in monitor well MW-24 on May 20, 2014, respectively. PSH data for the 2014 gauging events can be found in Table 1 and on Figures 5A - 5D, Figures 6A - 6D, and Figures 7A - 7D.

LABORATORY RESULTS

Based on the results of the groundwater monitoring and sampling activities over the past several years, it is believed the SPS-11 site appears to be composed of multiple release incidents. Based on the results of the groundwater monitoring and sampling activities this site is divided into three (3) separate areas. Each area is defined by impacted soil and groundwater but the areas are separated by historically non-impacted wells supported by analytical data. For discussion purposes, we have identified the area to the northwest as "Area 1" and it consists of monitor wells MW-6, MW-9, MW-12, MW-13, MW-14, MW-15, MW-16, MW-23, MW-24, and MW-25. "Area 2" is the central area and it consists of monitor wells MW-1, MW-2, MW-3, MW-4, MW-7, MW-10, MW-11, MW-18, MW-19, MW-21, and MW-39. "Area 3" is the area to the southeast and it consists of monitor wells MW-17, MW-26, MW-28, MW-29, MW-30, MW-31, MW-32, MW-33, MW-34, MW-35, MW-36, MW-37, MW-38, and MW-40.

Monitor wells MW-1, MW-4, MW-7, and MW-11, located in Area 2, contained measurable PSH throughout the reporting period and were not sampled during the four (4) quarters of 2014.

Groundwater samples obtained during the quarterly sampling events of 2014 were delivered to Trace Analysis, Inc. in Midland, Texas for determination of Benzene, Toluene, Ethylbenzene and Xylene (BTEX) constituent concentrations by EPA Method 8021B. Polynuclear Aromatic Hydrocarbons (PAH) analysis was conducted during the 2014 calendar year on Monitor well MW-14. Based upon historic PAH analytical data, only this well exhibited elevated constituent concentrations above WQCC standards and therefore will be sampled, with the exclusion of those wells containing measurable PSH thicknesses. A listing of BTEX constituent concentrations for 2014 are summarized in Table 2 and the historic PAH constituent

concentrations are summarized in Table 3. Copies of the laboratory reports generated for 2014 are provided on the enclosed data disk. The quarterly groundwater sample results for BTEX constituent concentrations are depicted on Figures 5A - 5D, 6A - 6D, and 7A - 7D.

Area 1 Wells

Monitor well MW-6 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the laboratory Method Detection Limit (MDL) and NMOCD regulatory guidelines for each BTEX constituent during the four (4) quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 4th quarter of 2006. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-9 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.0175 mg/L during the 1st quarter to 0.168 mg/L during the 4th quarter of 2014. Benzene concentrations were above NMOCD regulatory guidelines all four (4) quarters of the reporting period. Toluene and xylene concentrations were below the MDL and NMOCD regulatory standard during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from <0.00100 mg/L during the 1st, 2nd, and 3rd quarters to 0.0368 mg/L during the 4th quarter of 2014. Ethylbenzene concentrations were below the NMOCD regulatory guidelines all four (4) quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-12 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory guidelines for each BTEX constituent during the four (4) quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 2nd quarter of 2012.

Monitor well MW-13 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory guidelines for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines since the installation of the monitor well in the 3rd quarter of 1999. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-14 is sampled on a quarterly schedule. Analytical results indicate benzene concentrations ranged from 1.58 mg/L during the 2nd quarter to 2.60 mg/L during the 1st quarter of 2014. Benzene concentrations were above NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Toluene, ethylbenzene, and xylene concentrations were below the MDL and NMOCD regulatory guidelines during the four (4) quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for total naphthalene plus monomethylnaphthalenes (0.06737 mg/L) and Fluorine (0.00138 mg/L).

Monitor well MW-15 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory guidelines for each BTEX constituent during the four (4) quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 1st quarter of 2002. 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 4th quarter to 0.00181 mg/L during the 3rd quarter of 2014. Benzene concentrations were above NMOCD regulatory guidelines during the 3rd quarter of the reporting period. Toluene concentrations ranged from <0.00100 mg/L during the 1st and 4th quarter to 0.221 mg/L during the 3rd quarter of 2014. Toluene concentrations were below NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from <0.00100 mg/L during the 1st, 2nd, and 4th quarters to 0.0390 mg/L during the 3rd quarter of 2014. Ethylbenzene concentrations were below NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Xylene concentrations ranged from <0.00100 mg/L during the 4th quarter to 0.0649 mg/L during the 3rd quarter of 2014. Xylene concentrations were below NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Please note, monitor well MW-16 was resampled on September 9, 2014 to confirm the analytical results from the August 19, 2014 sampling event. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-23 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory guidelines for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 2nd quarter of 2003. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-24 is sampled on a quarterly schedule. Analytical results indicate benzene concentrations were below the MDL and the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from <0.00100 mg/L during the 1st, 2nd, and 4th quarters to 0.00120 mg/L during the 3rd quarter of 2014. Toluene concentrations were below NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from <0.00100 mg/L during the 1st, 2nd, and 4th quarters to 0.00240 mg/L during the 3rd quarter of 2014. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Xylene concentrations ranged from <0.00100 mg/L during the 4th quarter to 0.00410 mg/L during the 3rd quarter of 2014. Xylene concentrations were below NMOCD regulatory guidelines during the four (4) quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 2nd quarter of 2009. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-25 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory standard for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines since the installation

of the monitor well in the 3rd quarter of 1999. PAH analysis was not required during the 4th quarter sampling event.

Area 2 Wells

Monitor well MW-1 is monitored on a quarterly schedule. Monitor well MW-1 was not sampled during the 1st, 2nd, 3rd, and 4th quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 1.51 feet, 0.46 feet, 1.51 feet, and 1.65 feet were reported during the 1st, 2nd, 3rd, and 4th quarters of 2014, respectively. PAH analysis was not conducted during the 4th quarter sampling event due to the presence of PSH.

Monitor well MW-2 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory guidelines for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 1st quarter of 2002. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-3 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory standard for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines since the installation of the monitor well in the 3rd quarter of 1999. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-4 is monitored on a quarterly schedule. Monitor well MW-4 was not sampled during the 1st, 2nd, 3rd, and 4th quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 0.30 feet, 0.05 feet, 0.34 feet, and 0.66 feet were reported during the 1st, 2nd, 3rd, and 4th quarters of 2014, respectively. PAH analysis was not conducted during the 4th quarter sampling event due to the presence of PSH.

Monitor well MW-7 is monitored on a quarterly schedule. Monitor well MW-7 was not sampled during the 1st, 2nd, 3rd, and 4th quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 0.26 feet, 0.05 feet, 0.26 feet and 0.34 feet were reported during the 1st, 2nd, 3rd, and 4th quarters of 2014, respectively. PAH analysis was not conducted during the 4th quarter sampling event due to the presence of PSH.

Monitor well MW-10 is sampled on a quarterly schedule. Analytical results indicate benzene concentrations ranged from 0.00300 mg/L during the 1st quarter to 0.0140 mg/L during the 4th quarter of 2014. Benzene concentrations were above NMOCD regulatory guidelines during the 4th quarter of the reporting period. Toluene and xylene concentrations were below the MDL and NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.00390 mg/L during the 1st quarter to 0.00208 mg/L during the 4th quarter of 2014. PAH analysis was not required during the 4th quarter sampling event.

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 in the monitor well. PSH thicknesses of 3.59 feet, 2.94 feet, 3.64, feet and 3.69 feet were reported during the 1st, 2nd, 3rd, and 4th quarters of 2014, respectively. PAH analysis was not conducted during the 4th quarter sampling event due to the presence of PSH.

Monitor well MW-18 is sampled on a semi-annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory standard for each BTEX constituent during the 2nd and 4th quarter sampling events. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines since the installation of the monitor well in the 3rd quarter of 1999. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-19 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory standard for each BTEX constituent during the 4th quarter of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 2nd quarter of 2002. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-21 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory standard for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 2nd quarter of 2002. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-39 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory standard for each BTEX constituent during the four (4) quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 4th quarter of 2007. PAH analysis was not required during the 4th quarter sampling event.

Area 3 Wells

Monitor well MW-17 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.00100 mg/L during the 1st and 4th quarters to 0.0122 mg/L during the 2nd quarter of 2014. Benzene concentrations were above NMOCD regulatory guidelines during the 2nd and 3rd quarters of the reporting period. Toluene concentrations ranged from <0.00100 mg/L during the 1st, 2nd, and 4th quarters to 0.00420 mg/L during the 3rd quarter of 2014. Toluene concentrations were below NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from <0.00100 mg/L during the 1st, 2nd, and 4th quarters to 0.00130 mg/L during the 3rd quarter of 2014. Ethylbenzene concentrations were below NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Xylene concentrations ranged from <0.00100 mg/L during the 4th quarter to 0.00940 mg/L during the 3rd quarter of 2014. Xylene concentrations were below NMOCD regulatory guidelines during the four (4) quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-26 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.210 mg/L during the 2nd quarter to 0.360 mg/L during the 1st quarter of 2014. Benzene concentrations were above NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Toluene concentrations ranged from 0.0147 mg/L during the 2nd quarter to 0.0499 mg/L during the 3rd quarter of 2014. Toluene concentrations were below NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0442 mg/L during the 2nd quarter to 0.114 mg/L during the 1st quarter of 2014. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Xylene concentrations ranged from 0.0199 mg/L during the 2nd quarter to 0.0395 mg/L during the 1st quarter of 2014. Xylene concentrations were below NMOCD regulatory guidelines during the four (4) quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-28 is sampled on a quarterly schedule. Analytical results indicate benzene concentrations ranged from 0.109 mg/L during the 2nd quarter to 0.243 mg/L during the 3rd quarter of 2014. Benzene concentrations were above NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0217 mg/L during the 4th quarter to 0.0772 mg/L during the 3rd quarter of 2014. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Xylene concentrations ranged from <0.00300 mg/L during the 1st and 2nd quarters to 0.0114 mg/L during the 4th quarter of 2014. Xylene concentrations were below NMOCD regulatory guidelines during the four (4) quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-29 is sampled on a quarterly schedule. Analytical results indicate benzene concentrations ranged from 0.272 mg/L during the 3rd quarter to 0.534 mg/L during the 4th quarter of 2014. Benzene concentrations were above NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from <0.0500 mg/L during the 1st and 4th quarters to 0.00260 mg/L during the 3rd quarter of 2014. Ethylbenzene concentrations were below NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Xylene concentrations ranged from <0.00300 mg/L during the 2nd quarter to 0.00210 mg/L during the 3rd quarter of 2014. Xylene concentrations were below NMOCD regulatory guidelines during the four (4) quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-30 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory standard for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines since the installation of the monitor well in the 1st quarter of 2002. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-31 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory standard for each

BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines since the installation of the monitor well in the 1st quarter of 2002. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-32 is sampled on a quarterly schedule. Analytical results indicate benzene concentrations ranged from 0.849 mg/L during the 1st quarter to 1.01 mg/L during the 3rd quarter of 2014. Benzene concentrations were above NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Toluene and xylene concentrations were below the MDL and NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from <0.0500 mg/L during the 1st and 4th quarters to 0.0761 mg/L during the 3rd quarter of 2014. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-33 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory standard for each BTEX constituent during the four (4) quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines since the installation of the monitor well in the 4th quarter of 2004. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-34 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory standard for each BTEX constituent during the four (4) quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 4th quarter of 2009. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-35 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.00100 mg/L during the 1st and 4th quarters to 0.00430 mg/L during the 3rd quarter of 2014. Benzene concentrations were below NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from <0.00100 mg/L during the 4th quarter to 0.00780 mg/L during the 1st quarter of 2014. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Xylene concentrations ranged from <0.00100 mg/L during the 4th quarter to 0.00460 mg/L during the 3rd quarter of 2014. Xylene concentrations were below NMOCD regulatory guidelines during the four (4) quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 3rd quarter of 2012.

Monitor well MW-36 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory standard for each BTEX constituent during the four (4) quarters of the reporting period. The analytical results

indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 4th quarter of 2010. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-37 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory standard for each BTEX constituent during the four (4) quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines since the installation of the monitor well in the 3rd quarter of 2006. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-38 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory standard for each BTEX constituent during the four (4) quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines since the installation of the monitor well in the 3rd quarter of 2006. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-40 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory standard for each BTEX constituent during the four (4) quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines since the installation of the monitor well in the 4th quarter of 2010. PAH analysis was not required during the 4th quarter sampling event.

Laboratory analytical results were compared to NMOCD regulatory limits 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 and sampling activities during the annual reporting period of 2014. Currently, there are thirty-five (35) groundwater monitor wells (MW-1 through MW-40, excluding MW-5, MW-8, MW-20, MW-22, and MW-27) in three (3) separate plumes on site. The most recent Inferred Groundwater Gradient Map indicates a general gradient of 0.0029 feet/foot to the southeast.

Based on gauging data collected during the reporting period, measurable thicknesses of PSH were detected in Area 2 in monitor wells MW-1, MW-4, MW-7, and MW-11 during the four (4) quarterly sampling events in 2014. The maximum thickness of PSH observed in the monitor wells was 3.77 feet as recorded in monitor well MW-11 on December 12, 2014. The average thickness of PSH in monitor wells exhibiting PSH is 1.29 feet. Approximately 120.41 gallons (2.87 barrels) of PSH were manually recovered from the site during this reporting period. PSH data for the 2014 gauging events can be found in Table 1. PSH recovery is performed on a weekly schedule by manual recovery methods.

Review of laboratory analytical results from samples collected from monitor wells within Area 1 indicates BTEX constituent concentrations are below NMOCD regulatory guidelines in eight (8) of the ten (10) monitor wells within Area 1 in the 4th quarter of the reporting period. Review of PAH analysis indicates a narrow range of fluctuation in constituent concentrations in monitor well MW-14.

Review of laboratory analytical results from samples collected from monitor wells within Area 2 indicates BTEX constituent concentrations are below NMOCD regulatory guidelines in six (6) of the eleven (11) monitor wells within Area 2 in the 4th quarter of the reporting period. PSH was observed in four monitor wells (MW-1, MW-4, MW-7, and MW-11) within Area 2. PAH analysis was not conducted on groundwater samples collected from Area 2 monitor wells.

Review of laboratory analytical results from samples collected from monitor wells within Area 3 indicates BTEX constituent concentrations are below NMOCD regulatory guidelines in ten (10) of the fourteen (14) monitor wells within Area 3 in the 4th quarter of the reporting period. PAH analysis was not conducted on groundwater samples collected from Area 3 monitor wells.

ANTICIPATED ACTIONS

Groundwater monitoring and weekly PSH recovery will continue in 2015. Plains respectfully requests NMOCD approval to modify the sampling schedule for the following monitor well:

- Monitor well MW-24 is currently sampled on a quarterly schedule. Plains proposes to modify the schedule to an annual schedule. This up-gradient monitor well was installed during the 1st quarter 2000 and the analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines for the last nineteen (19) consecutive quarters.

Weekly aggressive pumping of monitor wells MW-9, MW-14, MW-26, MW-28, MW-29, and MW-32 will continue.

An Annual Monitoring Report will be submitted to the NMOCD before April 1, 2016.

Based on the results of the PAH analysis over previous years, further PAH analysis will be conducted in monitor well MW-14, which has historically exhibited elevated constituents near or above the WQCC standards.

LIMITATIONS

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

TRC has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. TRC has not conducted an independent examination of the facts contained in referenced materials and statements. We have presumed the genuineness of the documents and that the information provided in documents or statements is true and accurate.

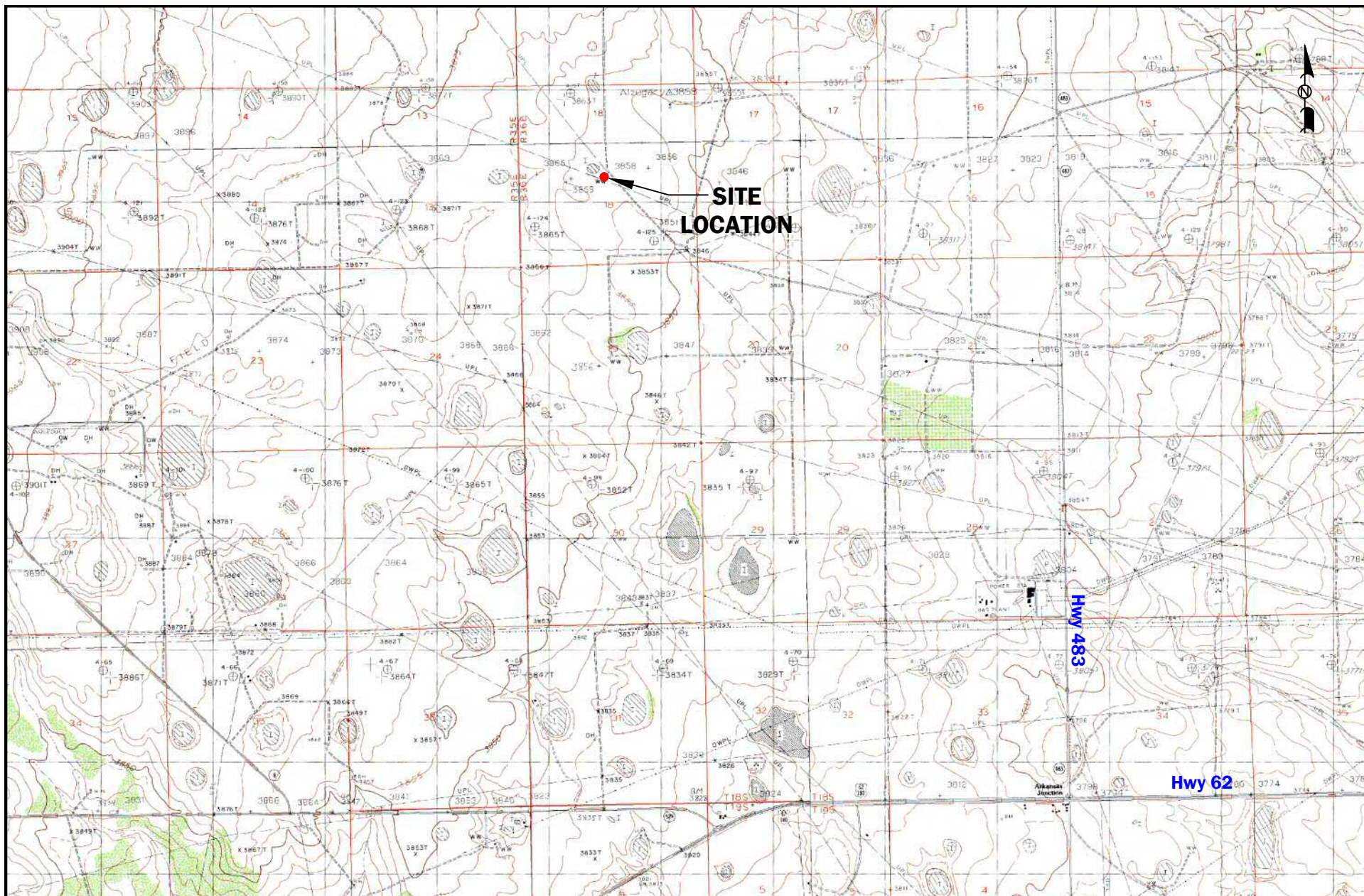
TRC has prepared this report, in a professional manner, using the degree of skill and care exercised by similar environmental consultants. TRC also notes that the facts and conditions referenced in this report may change over time and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

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

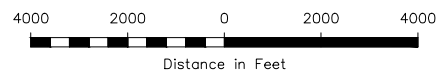
DISTRIBUTION

- Copy 1 Jim Griswold
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505
- Copy 2: Tomas Oberding
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division, District 1
1625 French Drive
Hobbs, NM 88240
- Copy 3: Camille Bryant
Plains Marketing, L.P.
2530 State Highway 214
Denver City, TX 79323
cjbryant@paalp.com
- Copy 4: Jeff Dann
Plains Marketing, L.P.
333 Clay Street
Suite 1600
Houston, TX 77002
jpdann@paalp.com
- Copy 5: Scott Brake
Excel Energy
P.O. Box 1650
Hobbs, New Mexico 88241
- Copy 6: TRC Solutions, Inc.
2057 Commerce Street
Midland, TX 79703
cdstanley@trcsolutions.com

Figures



LEGEND:



NMOCD Reference #GW-0140

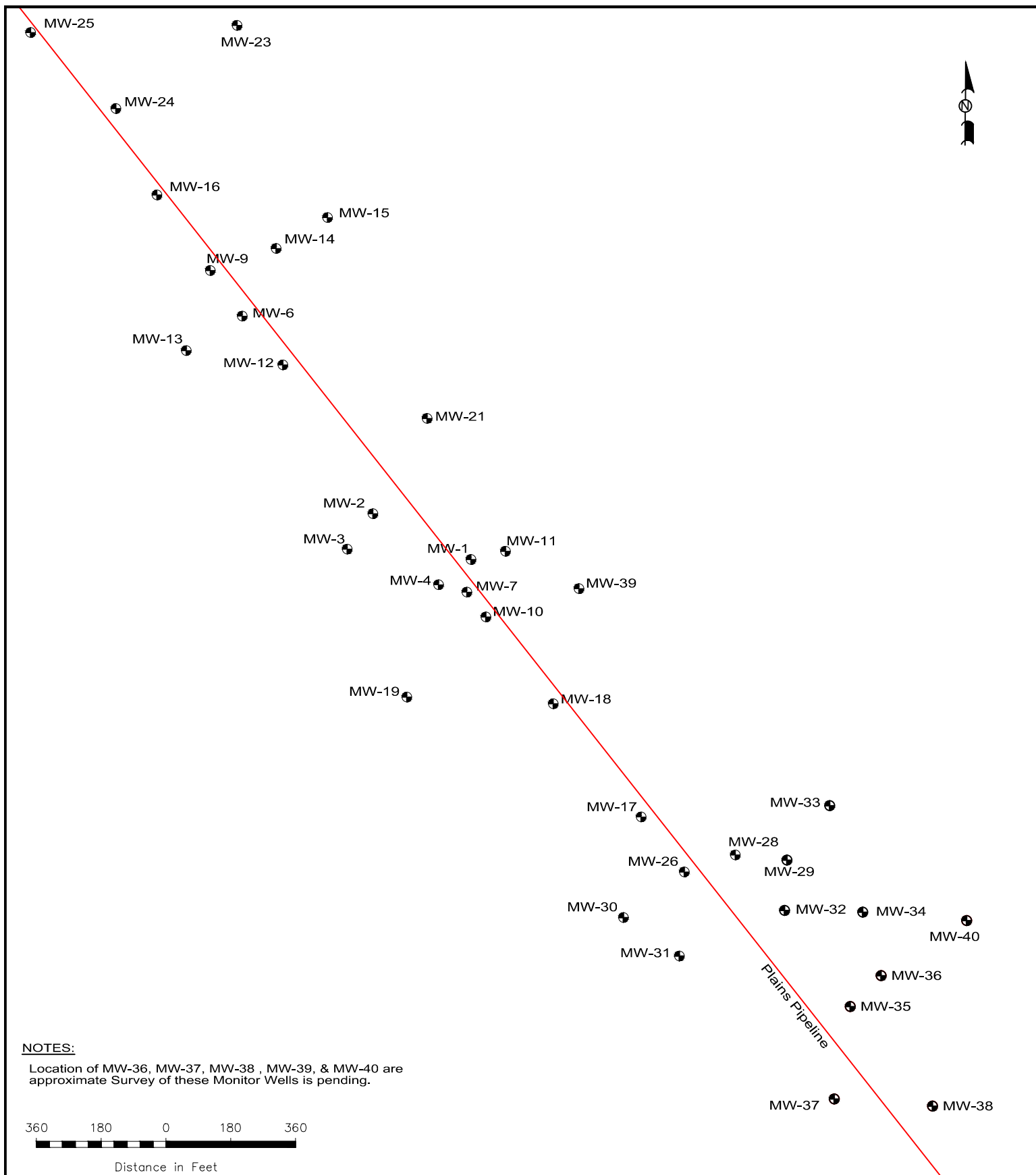
Figure 1
Site Location Map
TNM SPS-11
Plains Marketing, L.P.
Lea County, NM

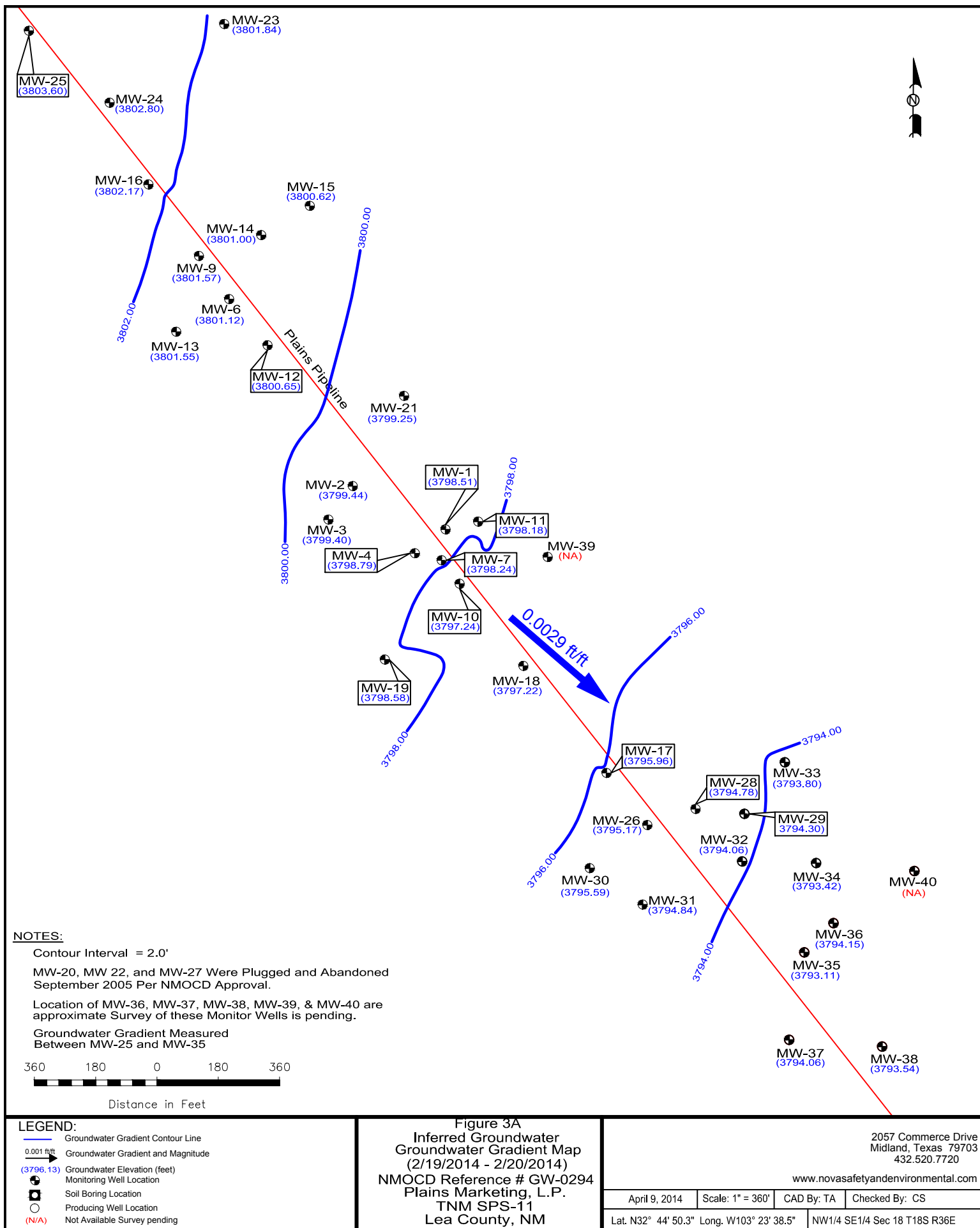


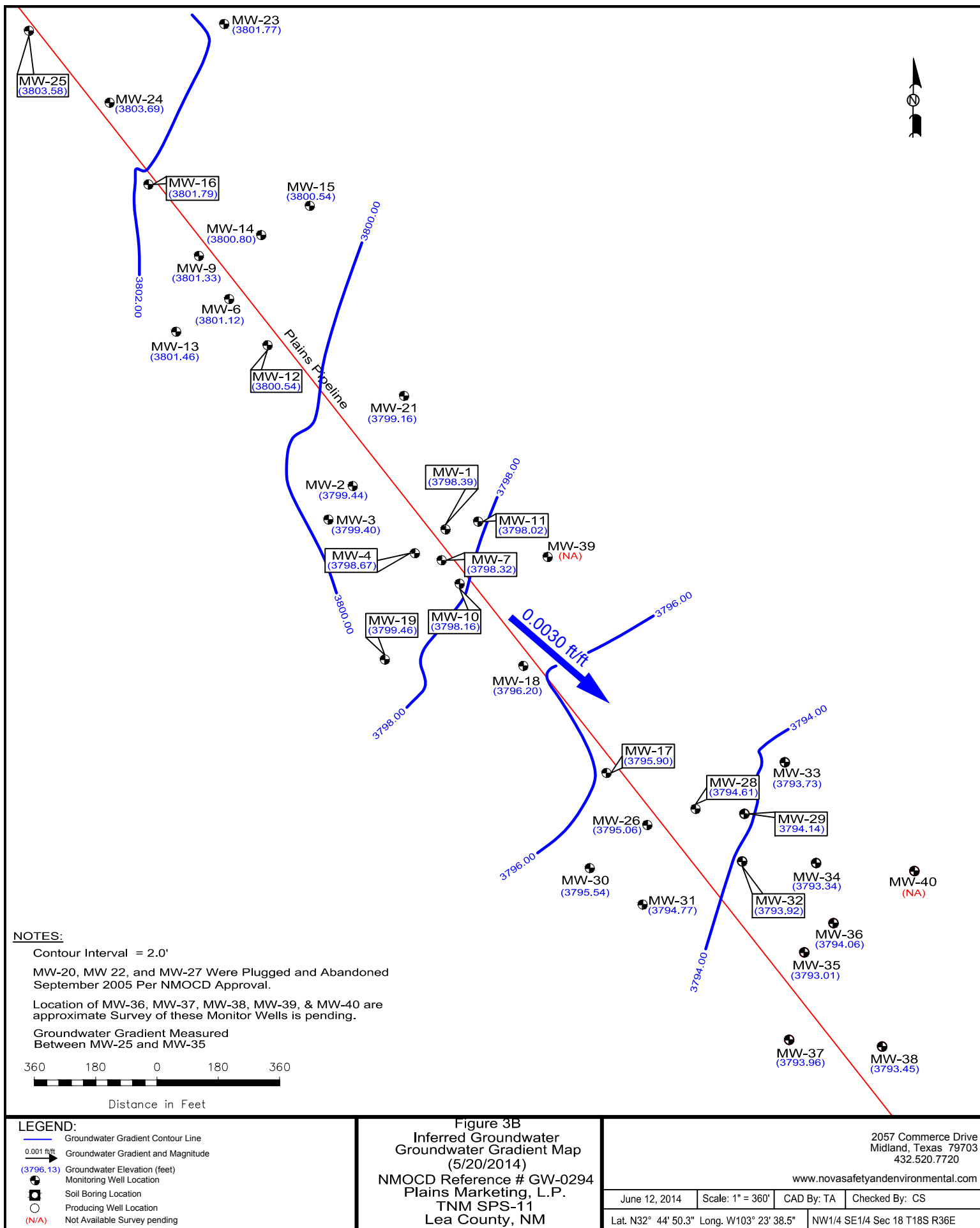
2057 Commerce Drive
Midland, Texas 79703
432.520.7720

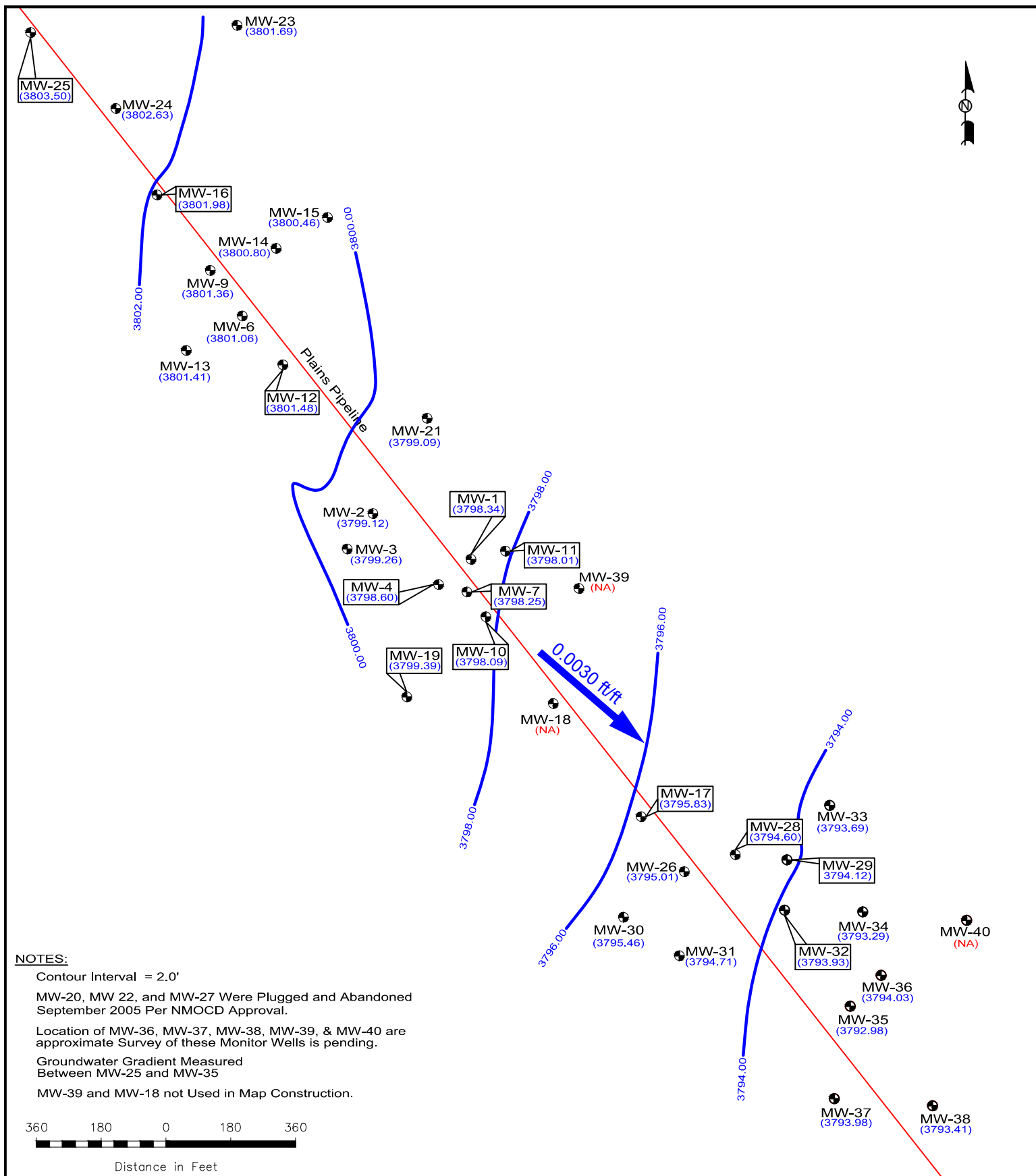
www.novasafetyandenvironmental.com

March 3, 2011	Scale: 1" = 4000'	CAD By: CS	Checked By: RKR
LATITUDE & LONGITUDE COORDINATES: N 32° 44' 50.3" W 103° 23' 36.5"			









NOTES:

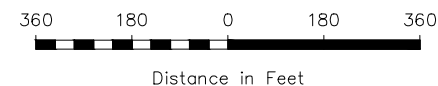
Contour Interval = 2.0'

MW-20, MW 22, and MW-27 Were Plugged and Abandoned September 2005 Per NMOCD Approval.

Location of MW-36, MW-37, MW-38, MW-39, & MW-40 are approximate Survey of these Monitor Wells is pending.

Groundwater Gradient Measured Between MW-25 and MW-35

MW-39 and MW-18 not Used in Map Construction.



LEGEND:

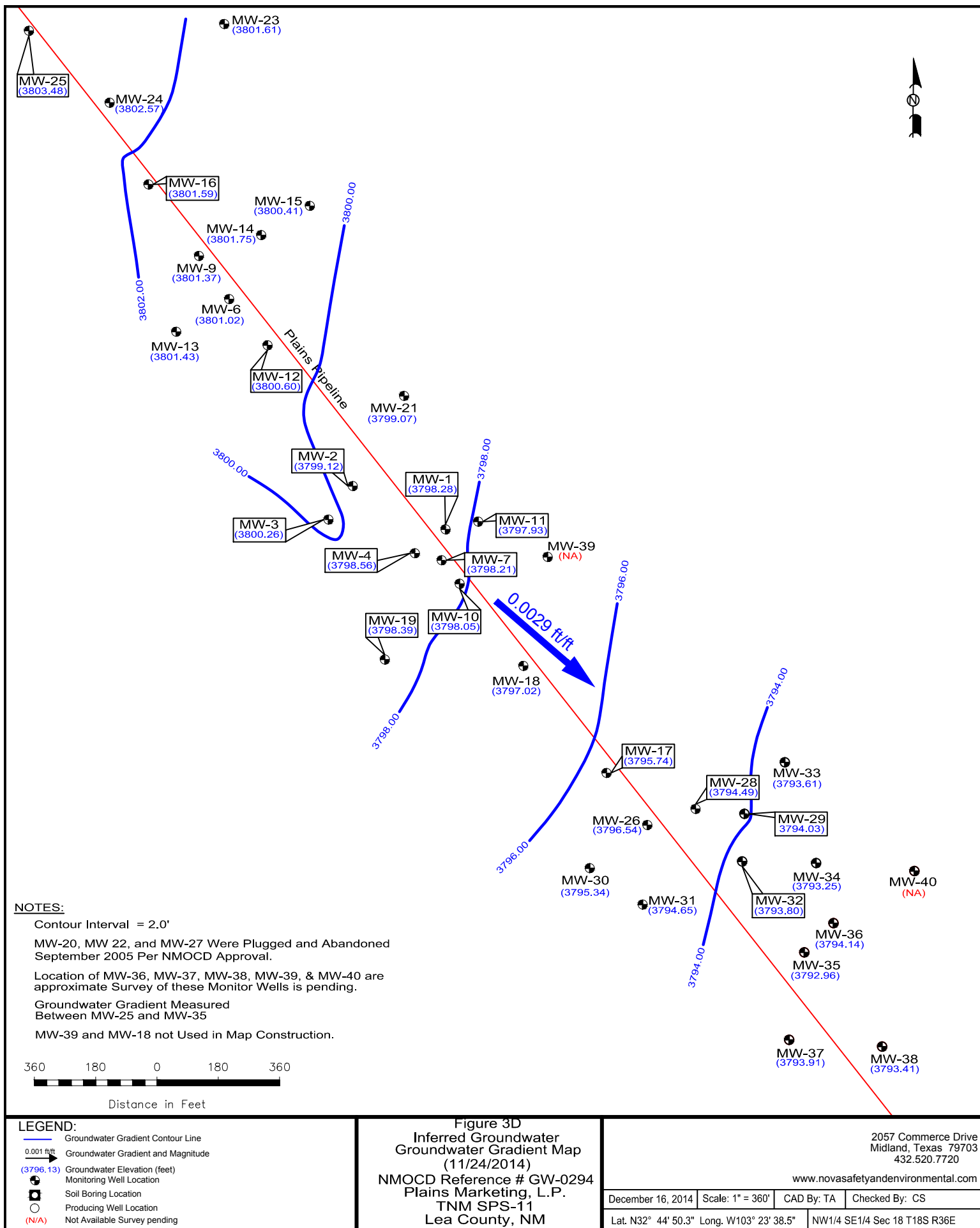
- Groundwater Gradient Contour Line
- 0.001 ft/ft Groundwater Gradient and Magnitude
- (3796.13) Groundwater Elevation (feet)
- Monitoring Well Location
- Soil Boring Location
- Producing Well Location
- (N/A) Not Available Survey pending

Figure 3C
Inferred Groundwater
Groundwater Gradient Map
(8/19/2014)
NMOCD Reference # GW-0294
Plains Marketing, L.P.
TNM SPS-11
Lea County, NM

2057 Commerce Drive
Midland, Texas 79703
432.520.7720

www.novasafetyandenvironmental.com

September 9, 2014	Scale: 1" = 360'	CAD By: TA	Checked By: CS
Lat. N32° 44' 50.3" Long. W103° 23' 38.5"		NW1/4 SE1/4 Sec 18 T18S R36E	



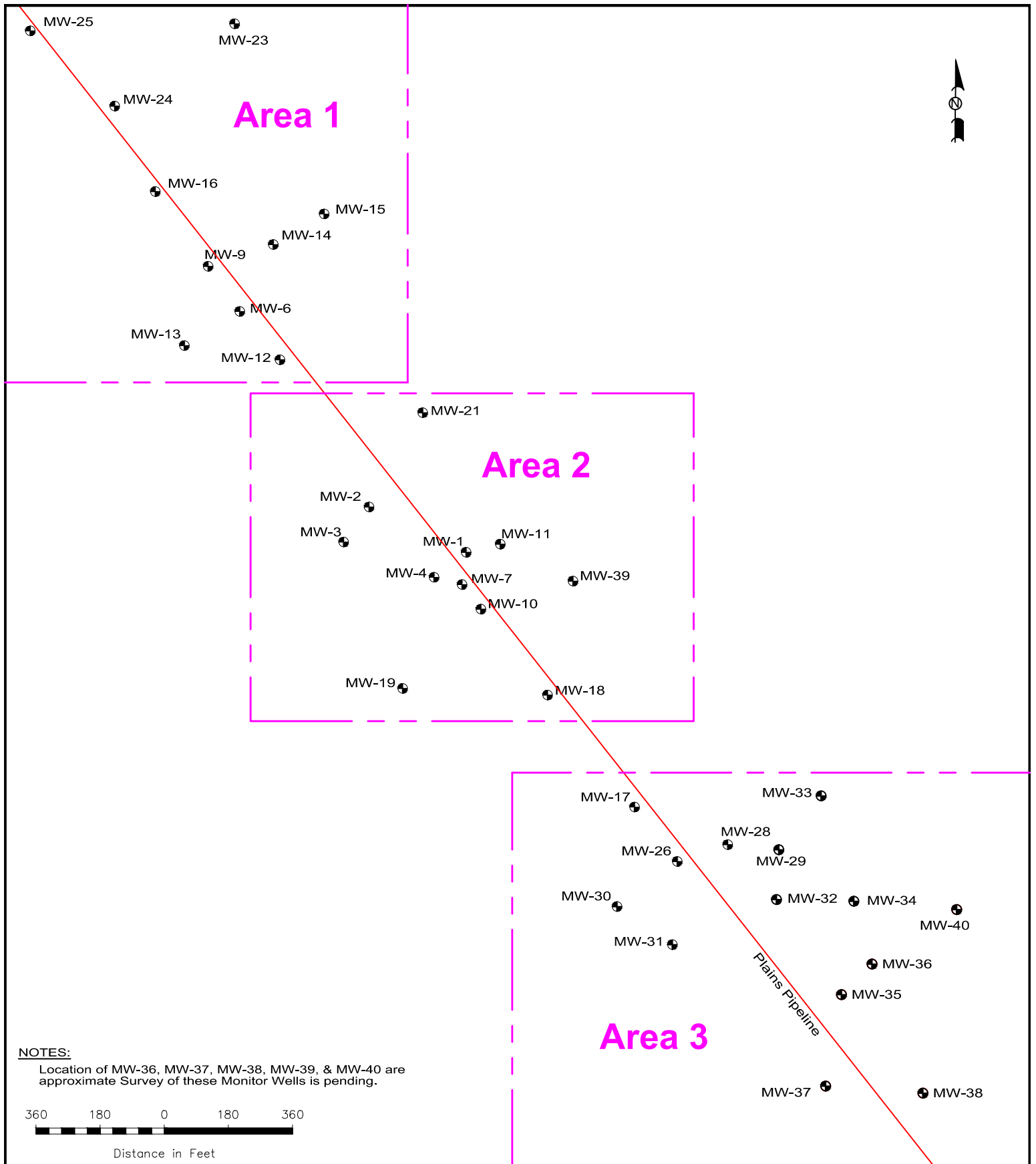


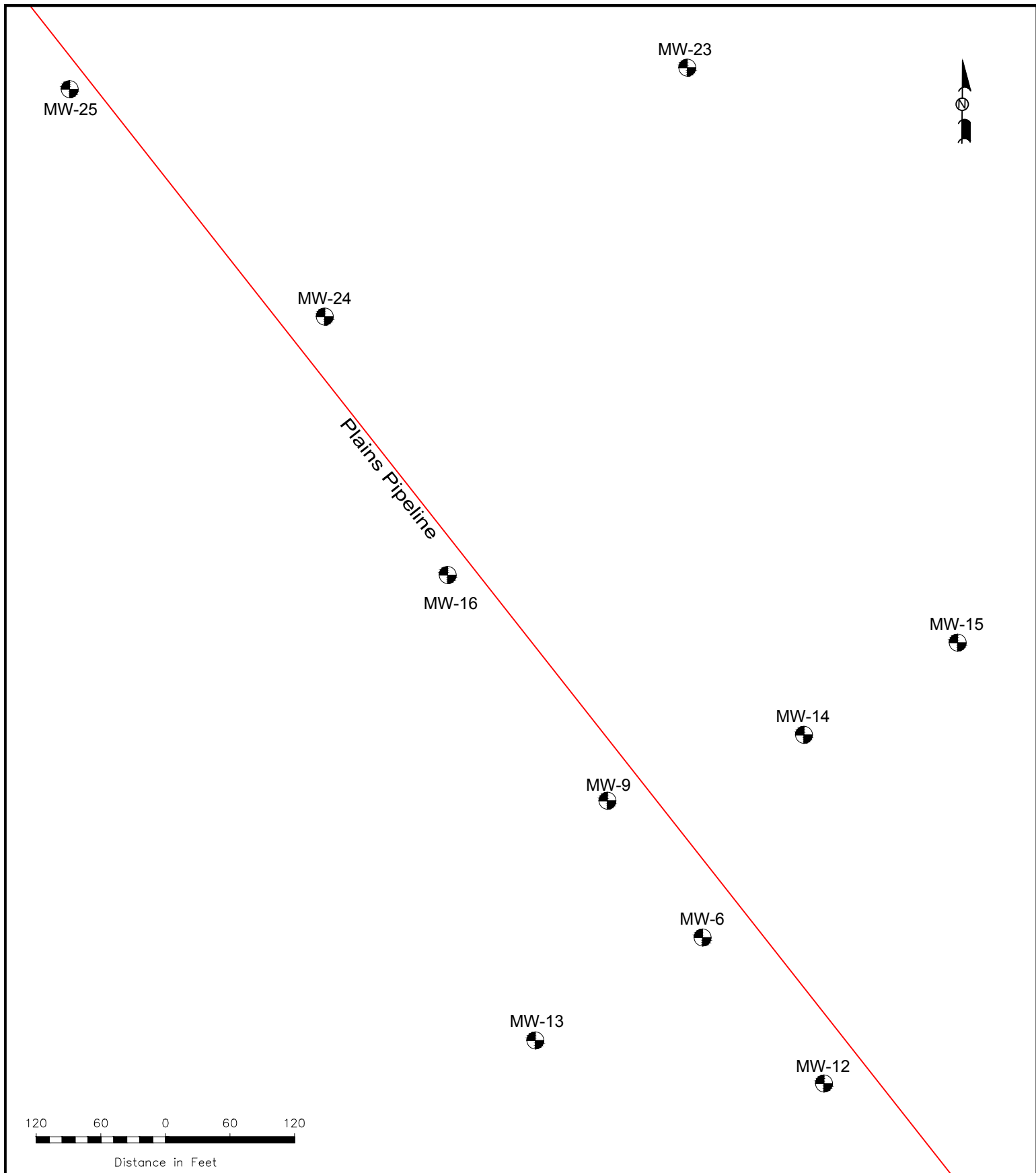
Figure 4
Differentiated Site Map
NMOCD Reference # GW-0294
Plains Marketing, L.P.
TNM SPS-11
Lea County, NM



2057 Commerce Drive
Midland, Texas 79703
432.520.7720

www.novasafetyandenvironmental.com

March 12, 2013	Scale: 1" = 360'	CAD By: CAS	Checked By: RKR
Lat. N32° 44' 50.3" Long. W103° 23' 38.5"		NW1/4 SE1/4 Sec 18 T18S R36E	



LEGEND:

-  Monitoring Well Location
-  Soil Boring Location
-  Producing Well Location
-  Proposed Monitoring Well Location

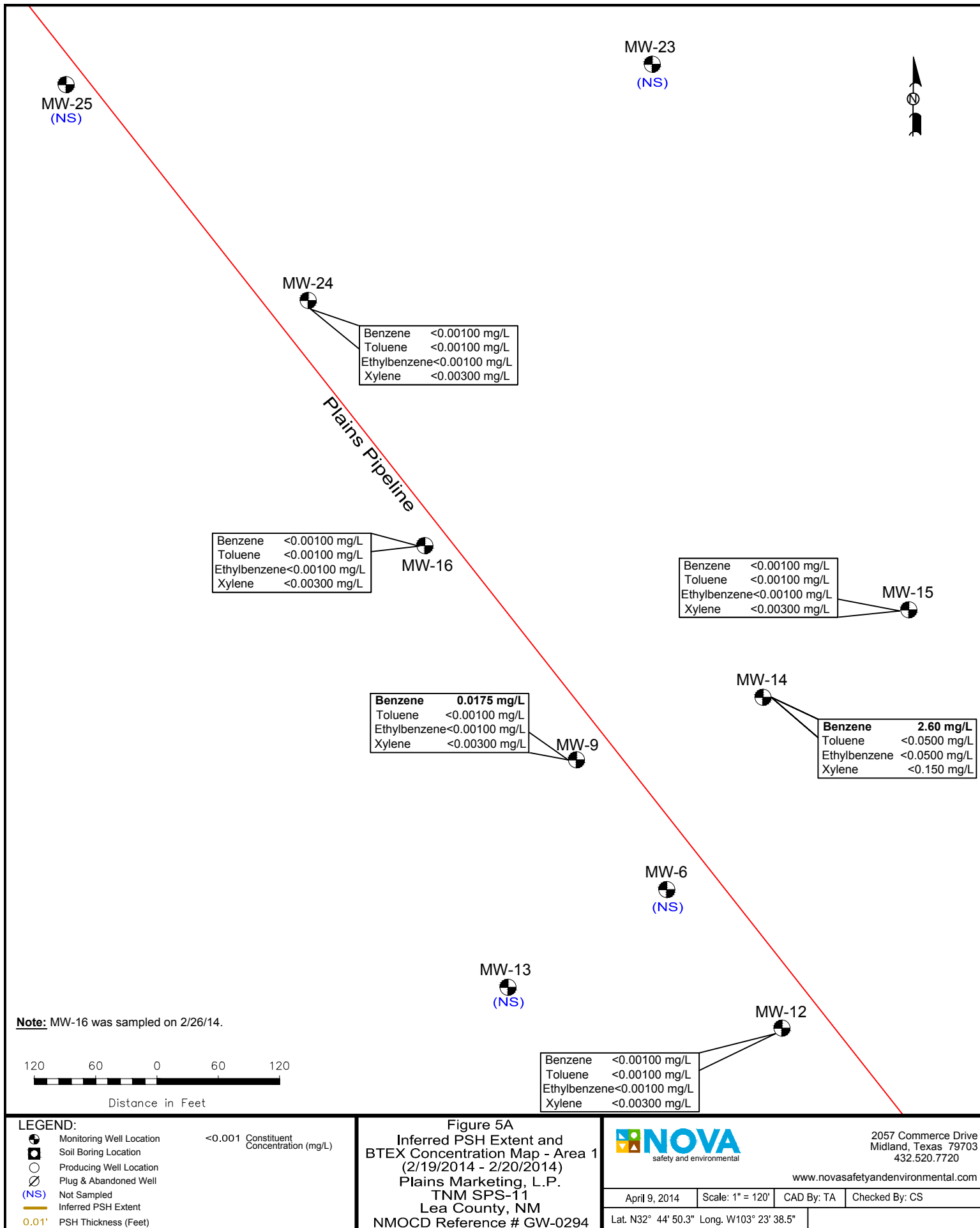
Figure 5
Area 1
Site Map
 NMOCD Reference # GW-0294
 Plains Marketing, L.P.
 TNM SPS-11
 Lea County, NM

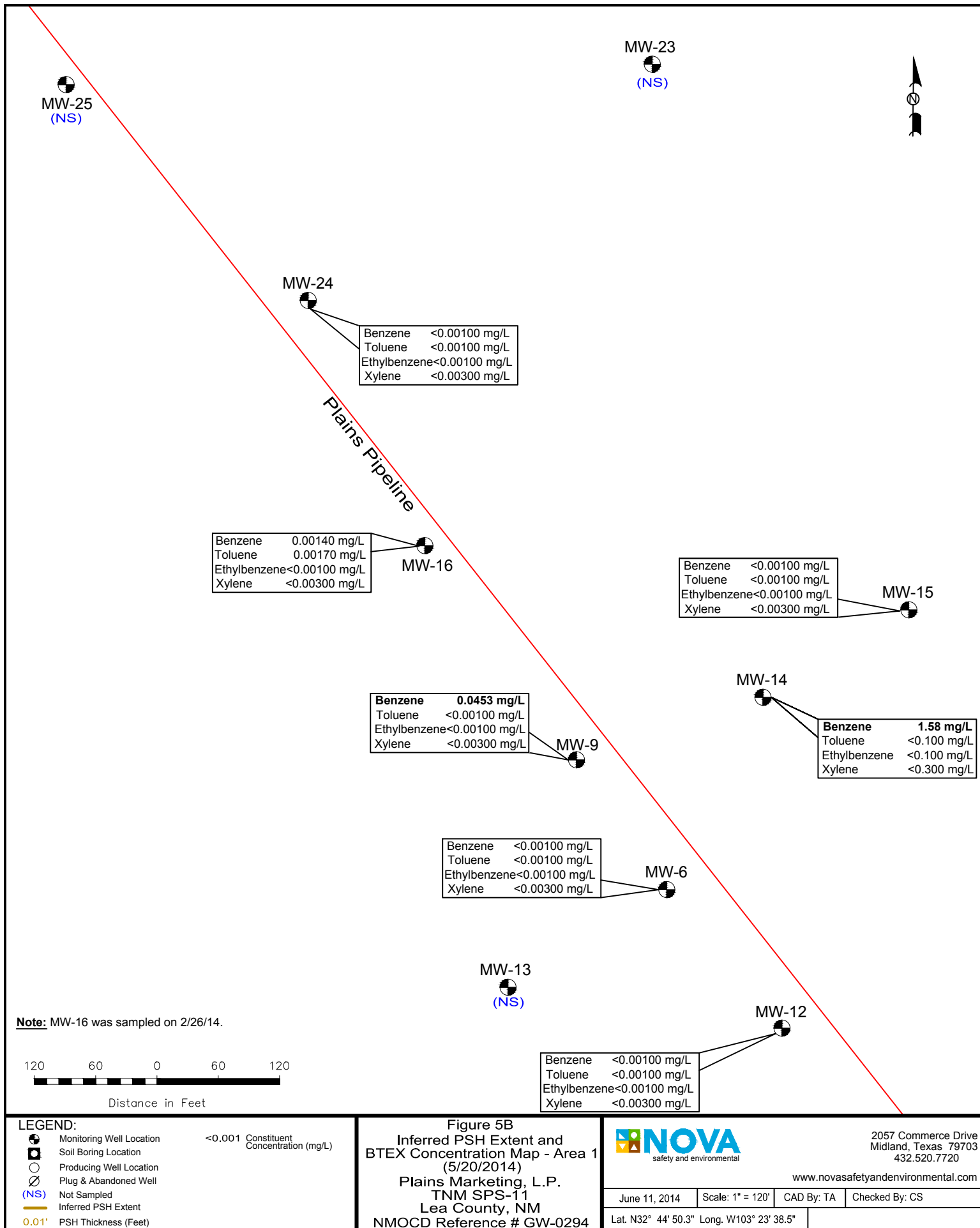


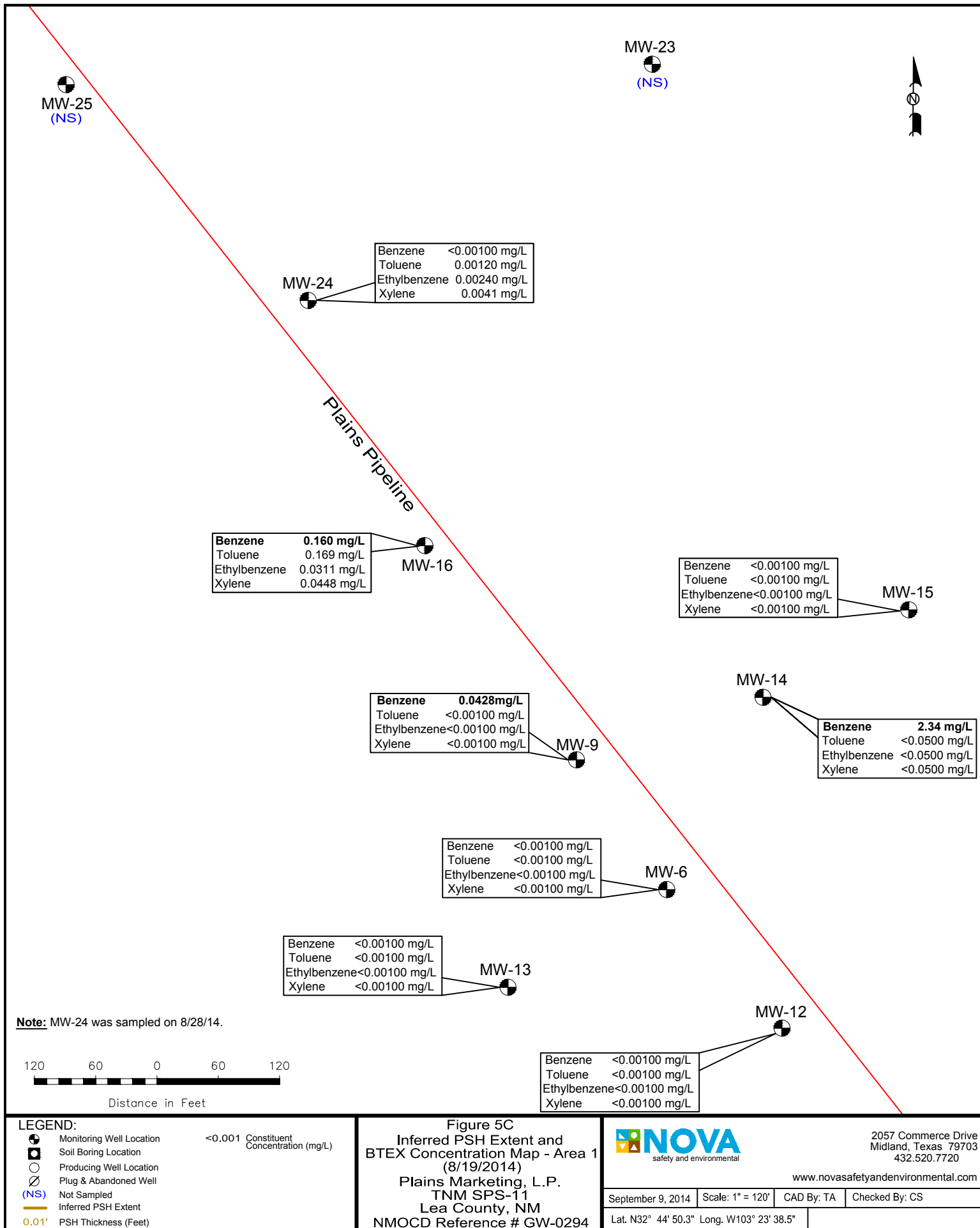
2057 Commerce Drive
 Midland, Texas 79703
 432.520.7720

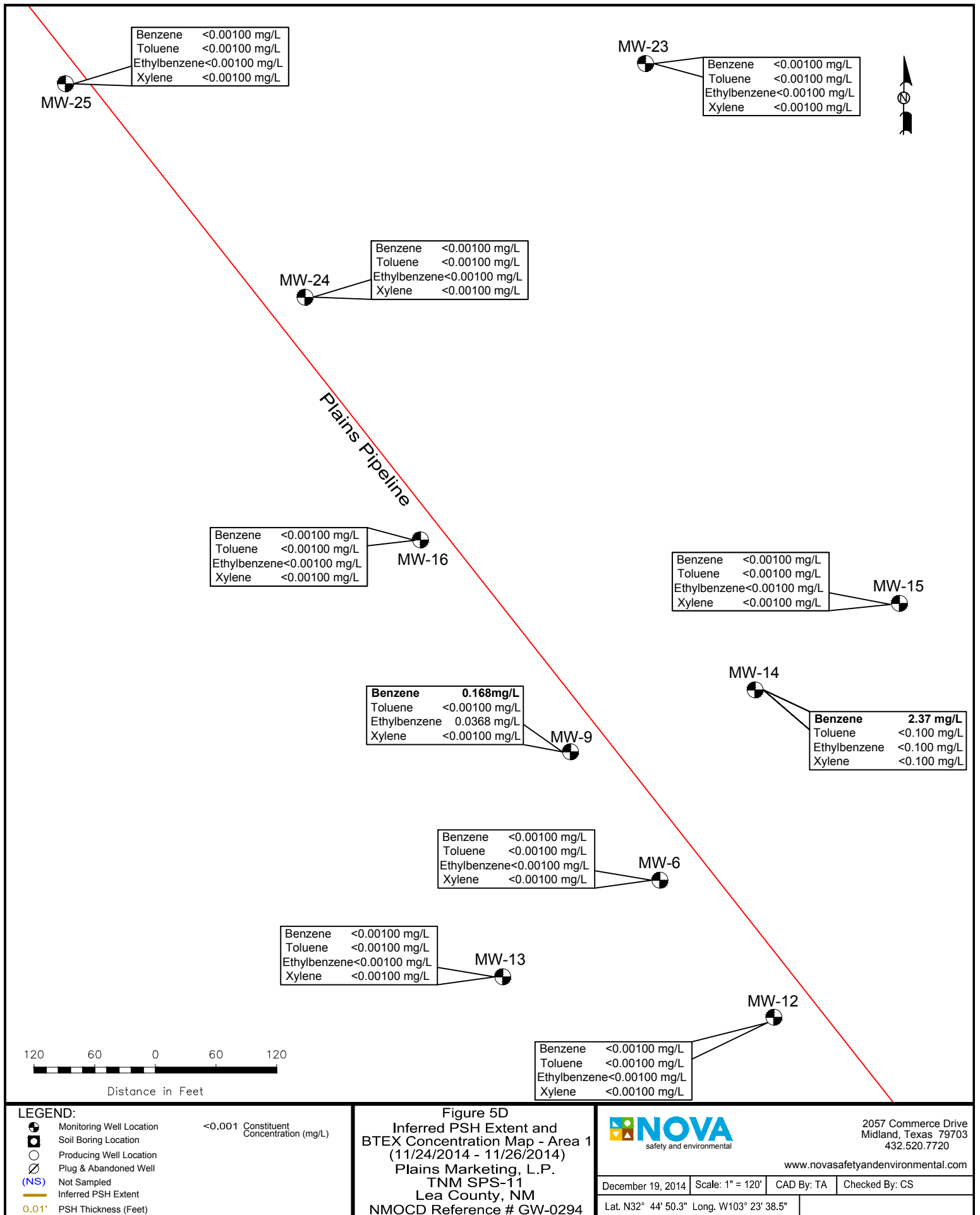
www.novasafetyandenvironmental.com

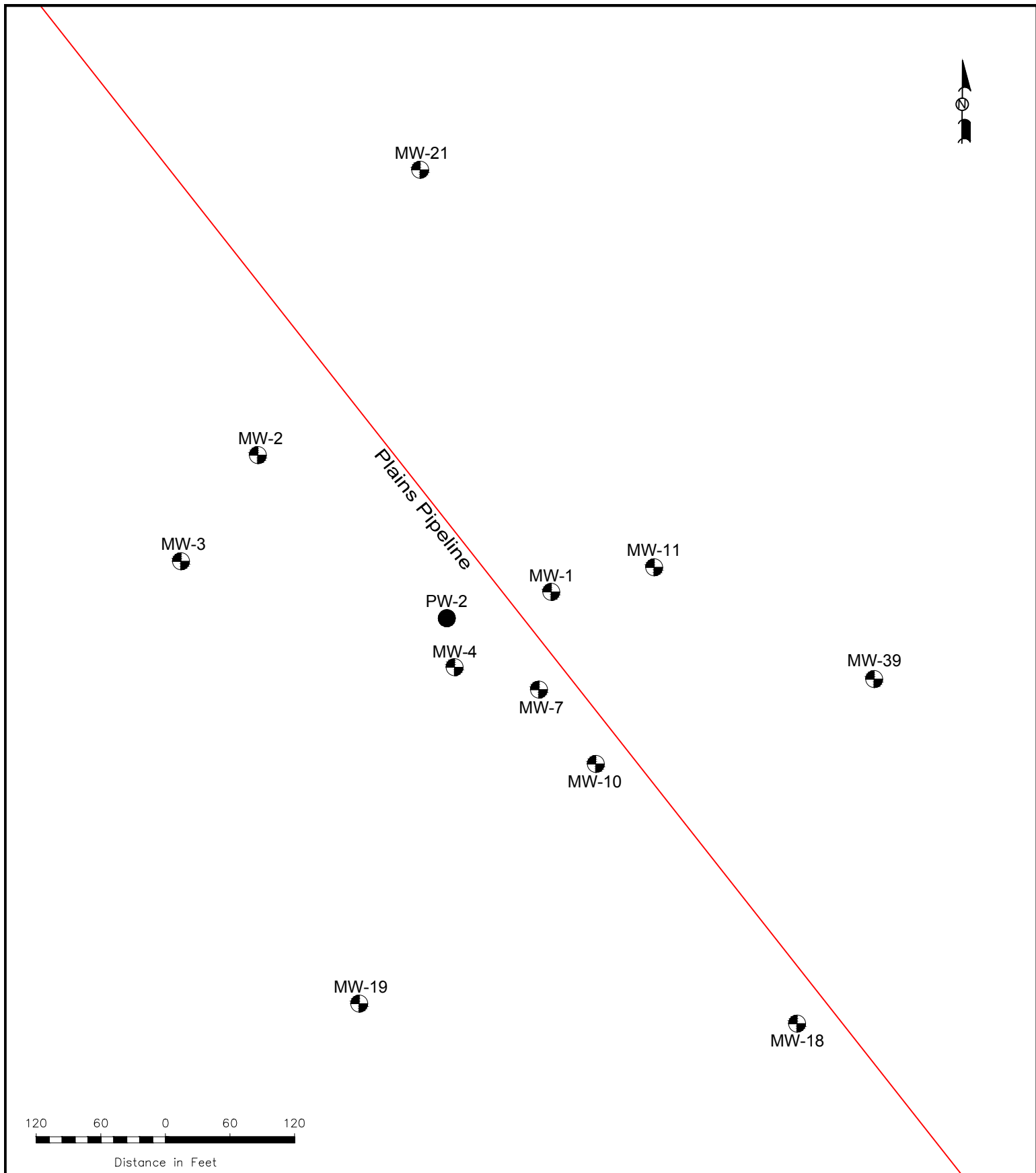
February 23, 2012	Scale: 1" = 120'	CAD By: CS	Checked By: RKR
Lat. N32° 44' 50.3" Long. W103° 23' 38.5"		NW1/4 SE1/4 Sec 18 T18S R36E	











LEGEND:

-  Monitoring Well Location
-  Soil Boring Location
-  Producing Well Location
-  Proposed Monitoring Well Location

Figure 6

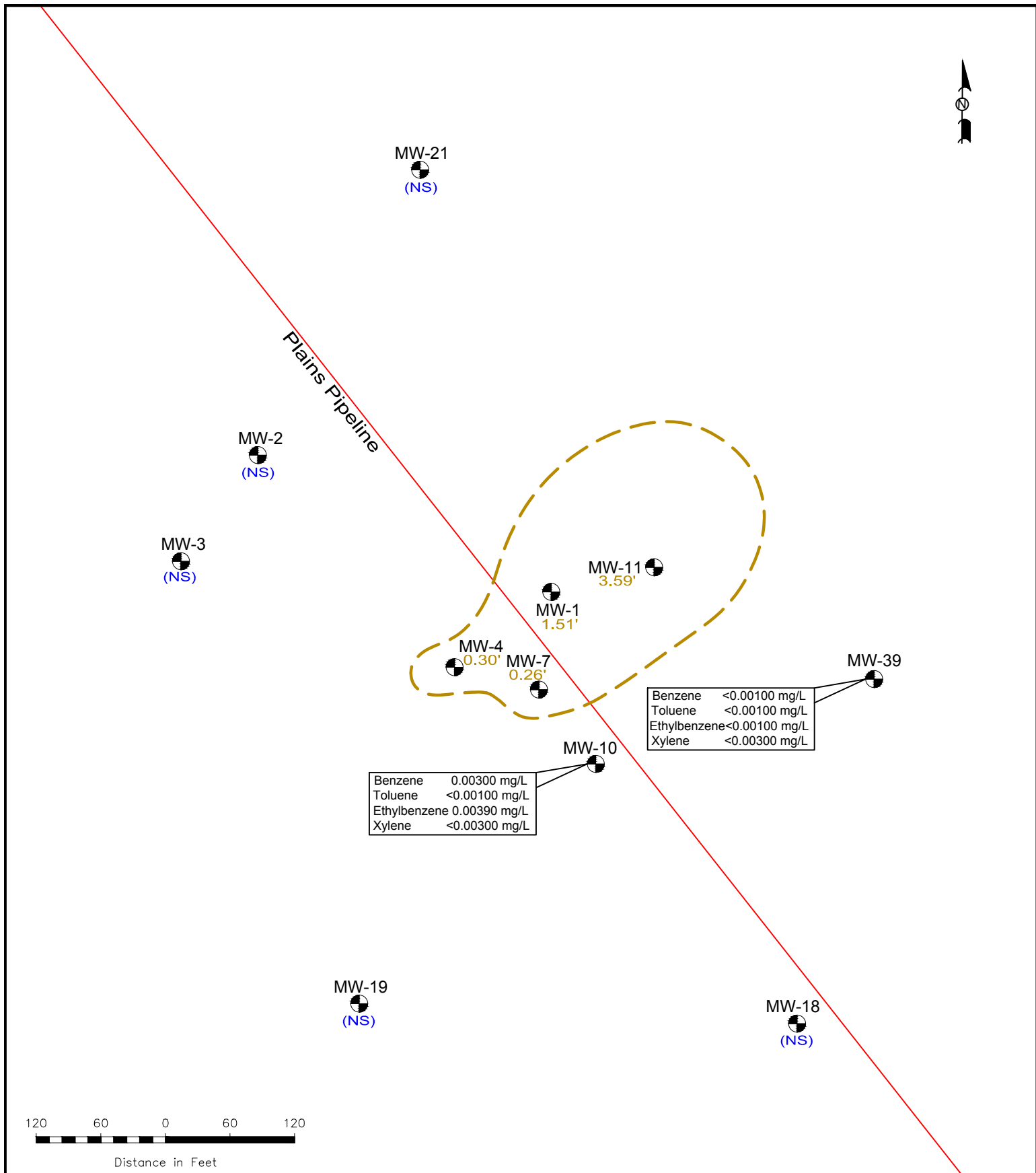
Area 2
Site Map
NMOCD Reference # GW-0294
Plains Marketing, L.P.
TNM SPS-11
Lea County, NM



2057 Commerce Drive
Midland, Texas 79703
432.520.7720

www.novasafetyandenvironmental.com

February 23, 2012	Scale: 1" = 120'	CAD By: CS	Checked By: RKR
Lat. N32° 44' 50.3" Long. W103° 23' 38.5"		NW1/4 SE1/4 Sec 18 T18S R36E	



LEGEND:

- Monitoring Well Location
 - Soil Boring Location
 - Producing Well Location
 - Plug & Abandoned Well
 - Not Sampled
 - Inferred PSH Extent
 - PSH Thickness (Feet)
- <0.001 Constituent Concentration (mg/L)

Figure 6A
Inferred PSH Extent and
BTEX Concentration Map Area 2
(2/19/2014 - 2/20/2014)
Plains Marketing, L.P.
TNM SPS-11
Lea County, NM
NMOCD Reference # GW-0294

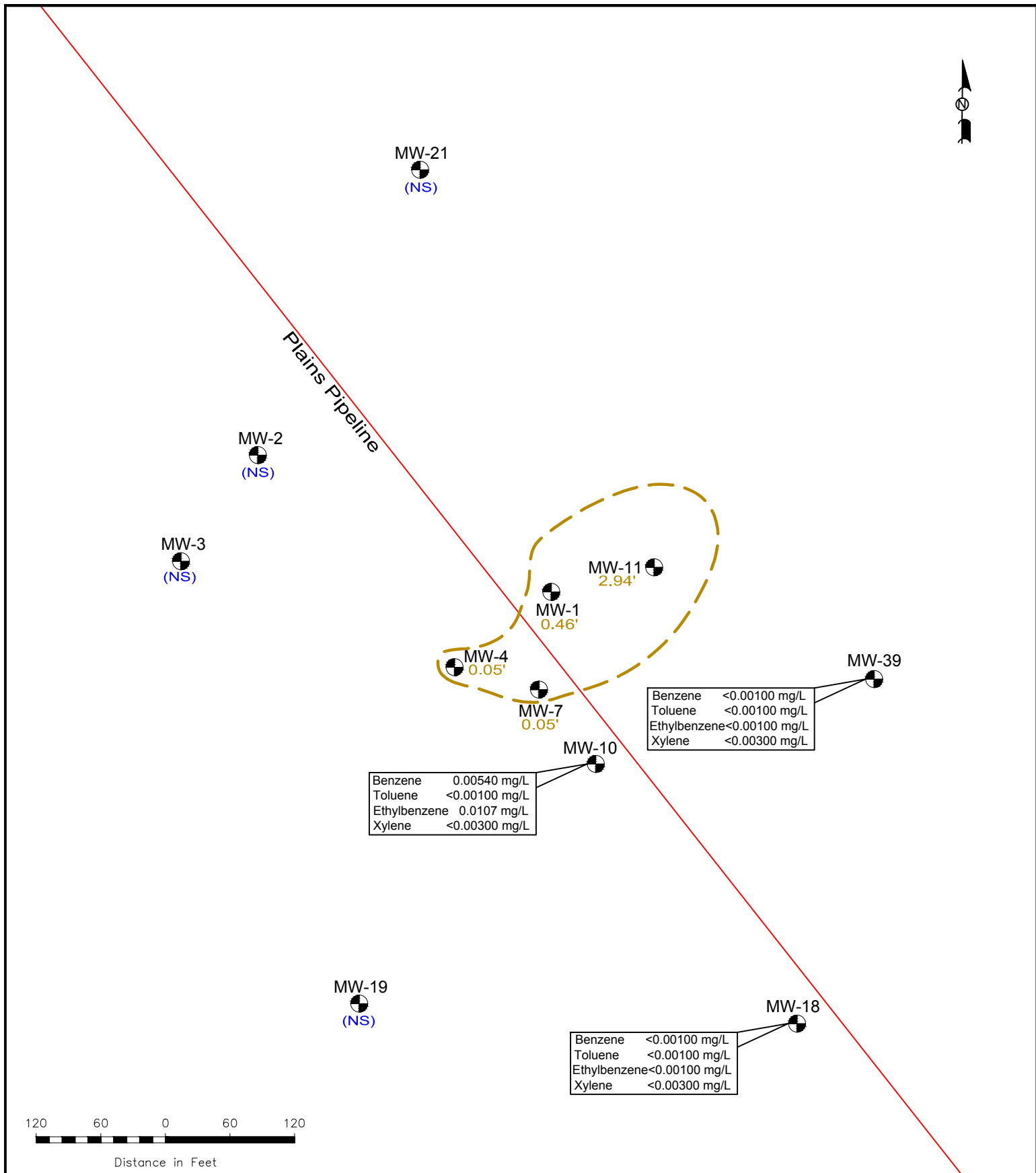


2057 Commerce Drive
Midland, Texas 79703
432.520.7720

www.novasafetyandenvironmental.com

April 9, 2014 Scale: 1" = 120' CAD By: TA Checked By: CS

Lat. N32° 44' 50.3" Long. W103° 23' 38.5"



LEGEND:

- Monitoring Well Location
- Soil Boring Location
- Producing Well Location
- Plug & Abandoned Well
- (NS) Not Sampled
- Inferred PSH Extent
- 0.01' PSH Thickness (Feet)

Figure 6B
Inferred PSH Extent and
BTEX Concentration Map Area 2
(5/20/2014)
Plains Marketing, L.P.
TNM SPS-11
Lea County, NM
NMOCD Reference # GW-0294

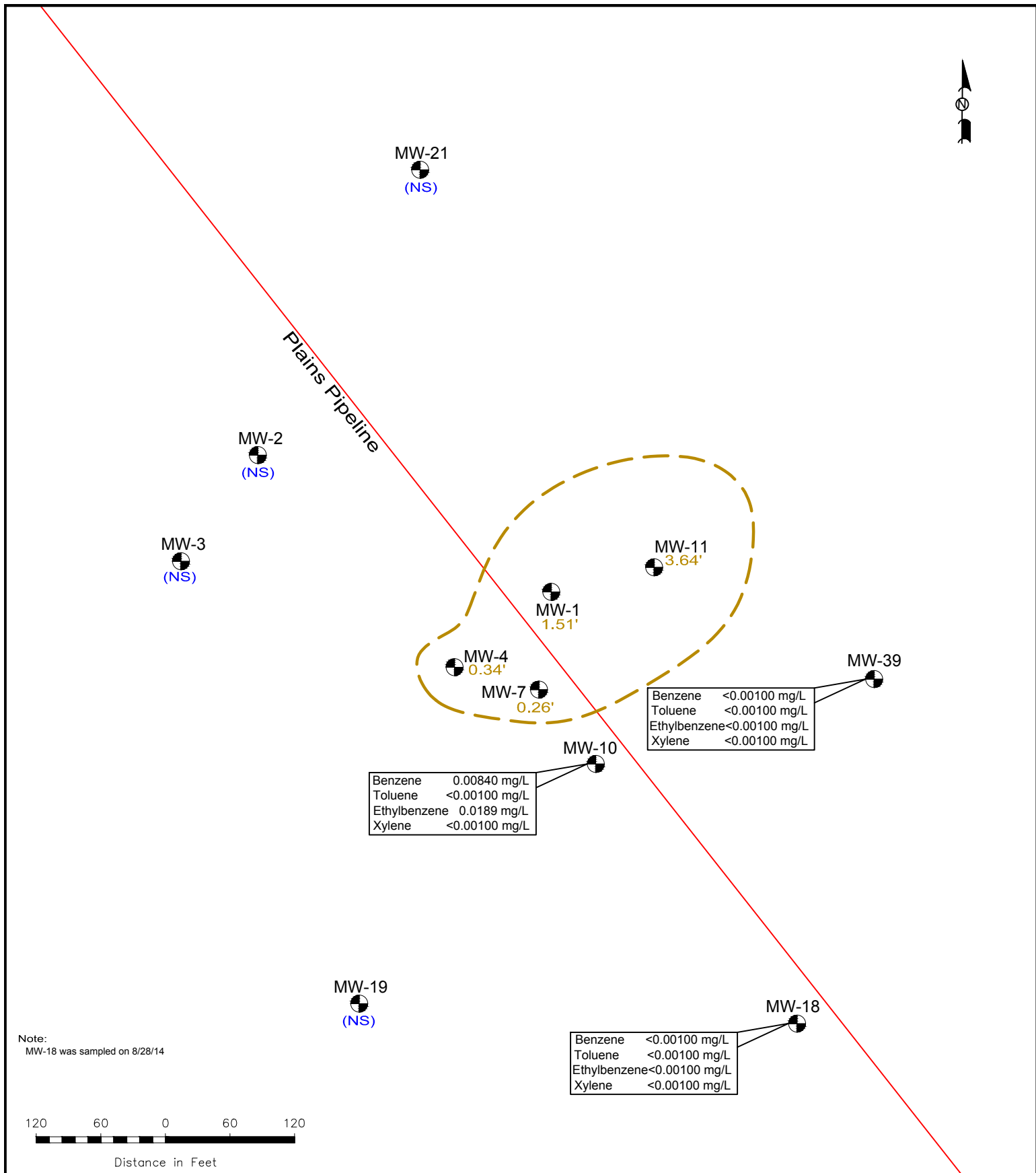


2057 Commerce Drive
 Midland, Texas 79703
 432.520.7720

www.novasafetyandenvironmental.com

June 11, 2014 Scale: 1" = 120' CAD By: TA Checked By: CS

Lat. N32° 44' 50.3" Long. W103° 23' 38.5"



LEGEND:

- Monitoring Well Location
 - Soil Boring Location
 - Producing Well Location
 - Plug & Abandoned Well
 - Not Sampled
 - Inferred PSH Extent
 - PSH Thickness (Feet)
- <0.001 Constituent Concentration (mg/L)

Figure 6C
Inferred PSH Extent and
BTEX Concentration Map Area 2
(8/19/2014)
Plains Marketing, L.P.
TNM SPS-11
Lea County, NM
NMOCD Reference # GW-0294

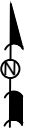


2057 Commerce Drive
Midland, Texas 79703
432.520.7720

www.novasafetyandenvironmental.com

September 9, 2014 Scale: 1" = 120' CAD By: TA Checked By: CS

Lat. N32° 44' 50.3" Long. W103° 23' 38.5"



MW-21

Benzene	<0.00100 mg/L
Toluene	<0.00100 mg/L
Ethylbenzene	<0.00100 mg/L
Xylene	<0.00100 mg/L

Plains Pipeline

Benzene	<0.00100 mg/L
Toluene	<0.00100 mg/L
Ethylbenzene	<0.00100 mg/L
Xylene	<0.00100 mg/L

MW-2

MW-3

Benzene	<0.00100 mg/L
Toluene	<0.00100 mg/L
Ethylbenzene	<0.00100 mg/L
Xylene	<0.00100 mg/L

MW-11

3.69'

MW-1
1.65'

MW-4
0.66'

MW-7
0.34'

MW-10

Benzene	0.0140 mg/L
Toluene	<0.00100 mg/L
Ethylbenzene	0.0208 mg/L
Xylene	<0.00100 mg/L

MW-39

Benzene	<0.00100 mg/L
Toluene	<0.00100 mg/L
Ethylbenzene	<0.00100 mg/L
Xylene	<0.00100 mg/L

Benzene	<0.00100 mg/L
Toluene	<0.00100 mg/L
Ethylbenzene	<0.00100 mg/L
Xylene	<0.00100 mg/L

MW-19

MW-18

Benzene	<0.00100 mg/L
Toluene	<0.00100 mg/L
Ethylbenzene	<0.00100 mg/L
Xylene	<0.00100 mg/L



Distance in Feet

LEGEND:

- Monitoring Well Location
- Soil Boring Location
- Producing Well Location
- Plug & Abandoned Well
- (NS) Not Sampled
- Inferred PSH Extent
- 0.01' PSH Thickness (Feet)
- <0.001 Constituent Concentration (mg/L)

Figure 6D
Inferred PSH Extent and
BTEX Concentration Map Area 2
(11/24/2014 - 11/26/2014)
Plains Marketing, L.P.
TNM SPS-11
Lea County, NM
NMOCD Reference # GW-0294

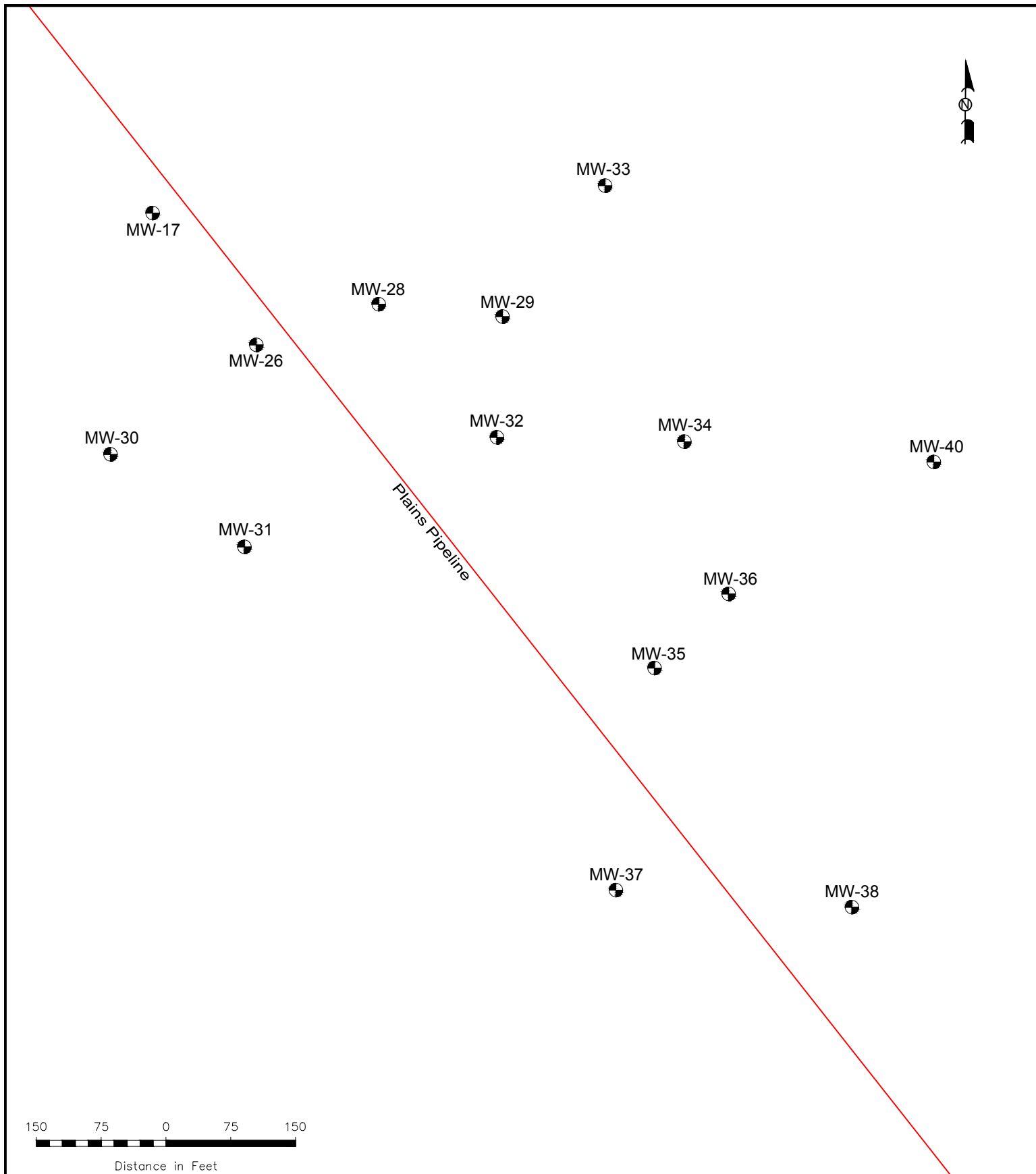


2057 Commerce Drive
Midland, Texas 79703
432.520.7720

www.novasafetyandenvironmental.com

December 19, 2014 Scale: 1" = 120' CAD By: TA Checked By: CS

Lat. N32° 44' 50.3" Long. W103° 23' 38.5"



LEGEND:

- Monitoring Well Location
- Soil Boring Location
- Producing Well Location
- Proposed Monitoring Well Location

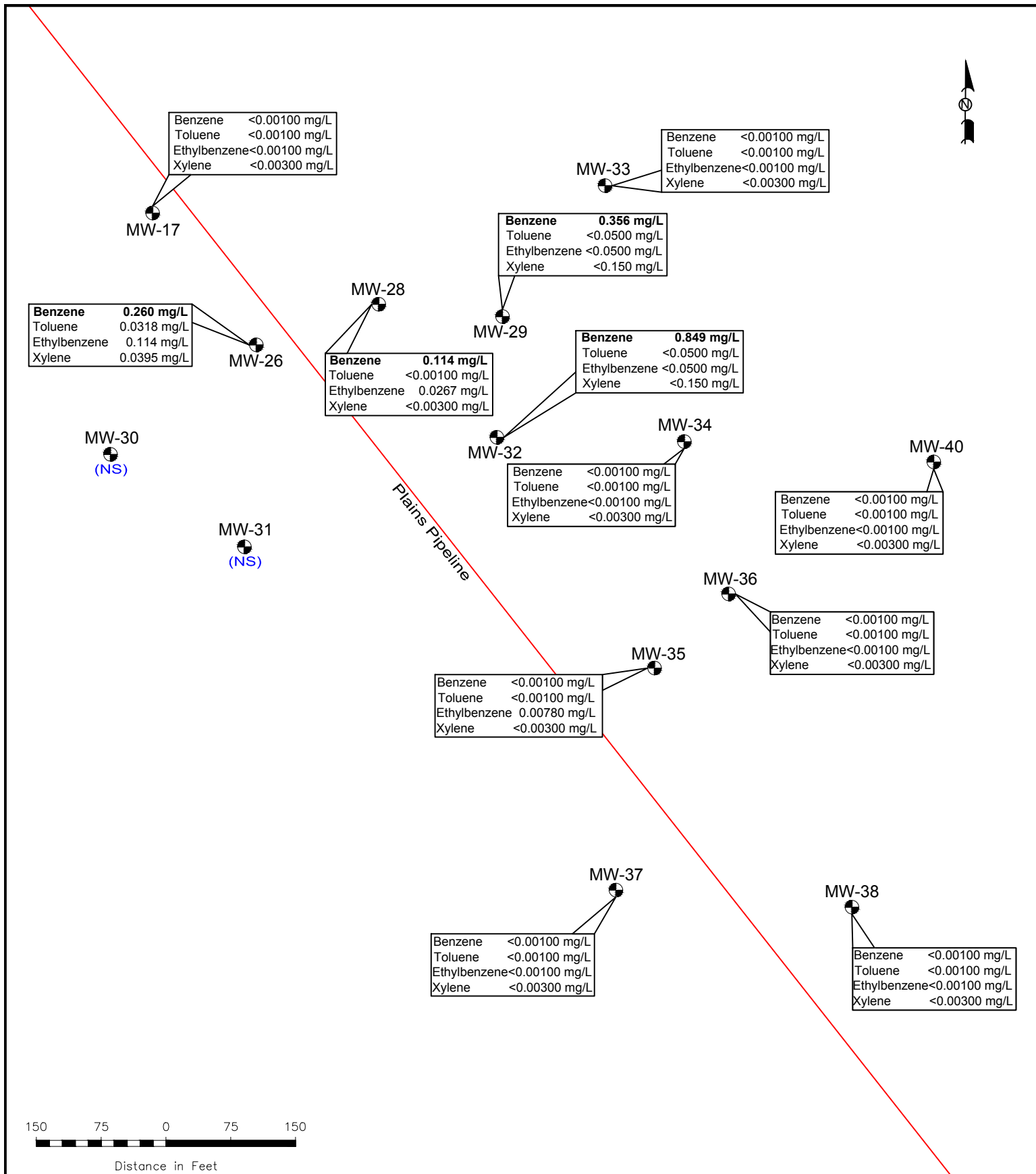
Figure 7
 Area 3
 Site Map
 NMOCD Reference # GW-0294
 Plains Marketing, L.P.
 TNM SPS-11
 Lea County, NM



2057 Commerce Drive
 Midland, Texas 79703
 432.520.7720

www.novasafetyandenvironmental.com

February 23, 2012	Scale: 1" = 150'	CAD By: CS	Checked By: RKR
Lat. N32° 44' 50.3" Long. W103° 23' 38.5"		NW1/4 SE1/4 Sec 18 T18S R36E	



LEGEND:

- Monitoring Well Location
- Soil Boring Location
- Producing Well Location
- Plug & Abandoned Well
- (NS) Not Sampled
- Inferred PSH Extent
- 0.01' PSH Thickness (Feet)
- <0.001 Constituent Concentration (mg/L)

Figure 7A
Inferred PSH Extent and
BTEX Concentration Map Area 3
(2/19/2014 - 2/20/2014)
Plains Marketing, L.P.
TNM SPS-11
Lea County, NM
NMOCD Reference # GW-0294

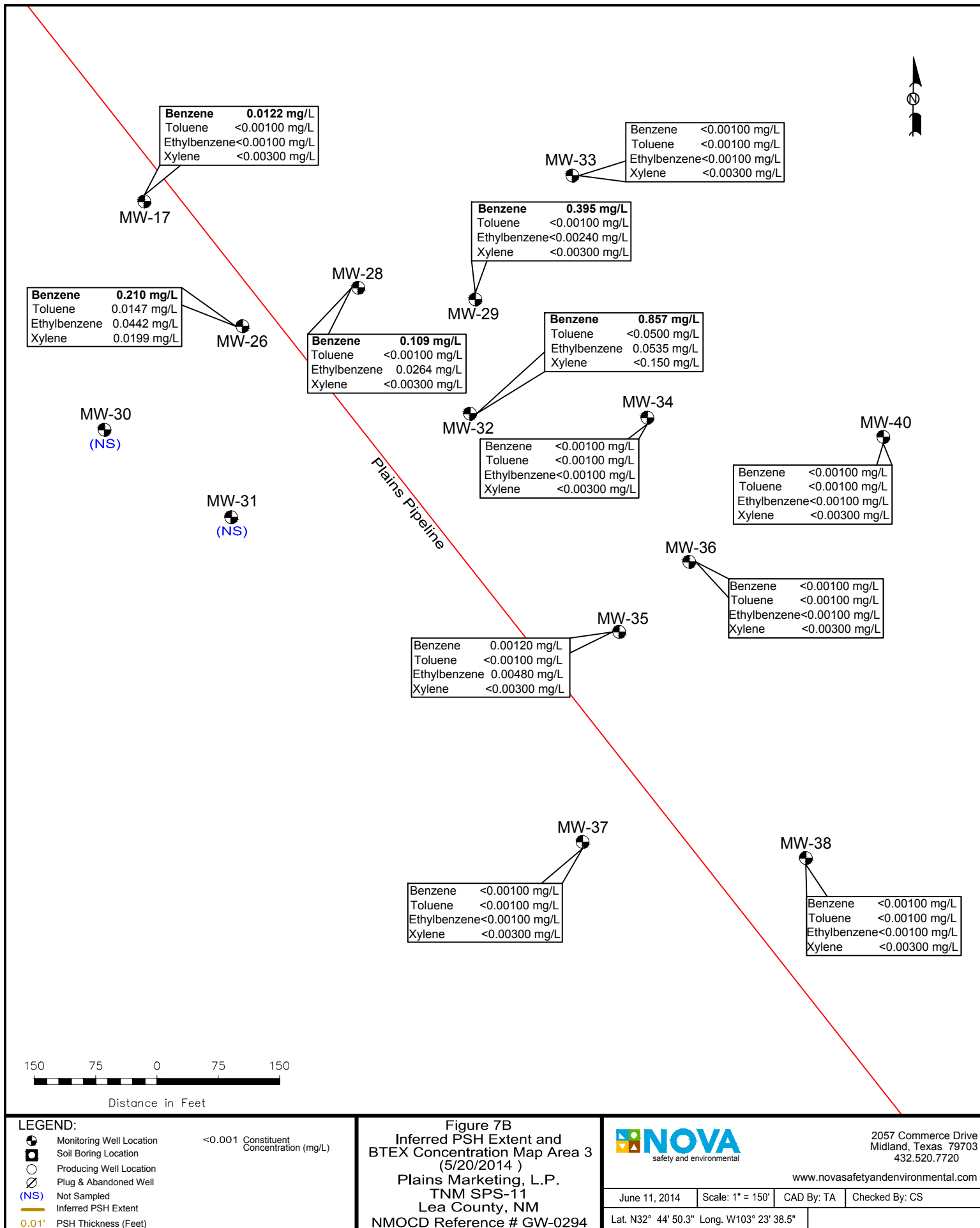


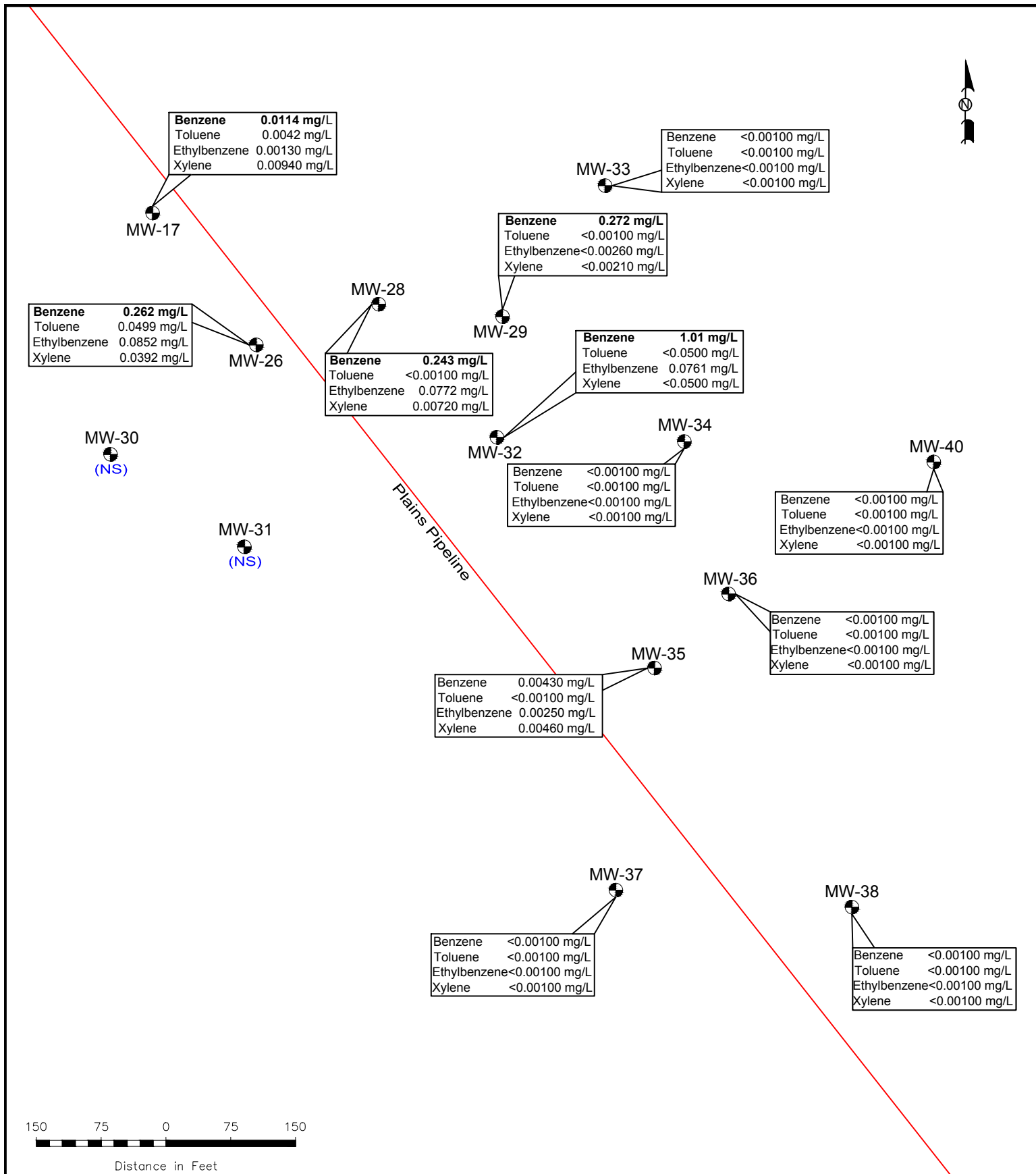
2057 Commerce Drive
 Midland, Texas 79703
 432.520.7720

www.novasafetyandenvironmental.com

April 9, 2014 Scale: 1" = 150' CAD By: TA Checked By: CS

Lat. N32° 44' 50.3" Long. W103° 23' 38.5"





LEGEND:

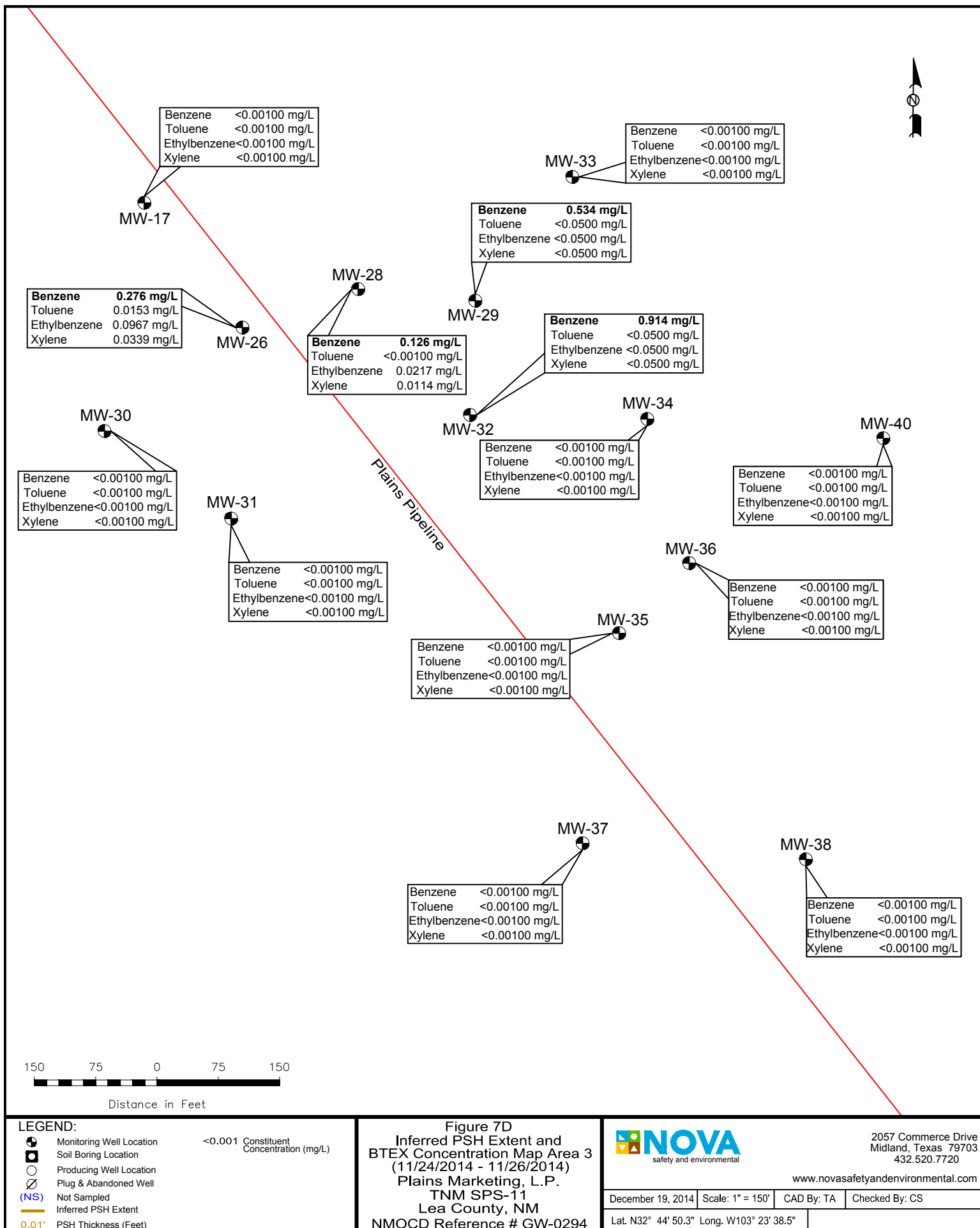
- Monitoring Well Location
- Soil Boring Location
- Producing Well Location
- Plug & Abandoned Well
- (NS) Not Sampled
- Inferred PSH Extent
- 0.01' PSH Thickness (Feet)
- <0.001 Constituent Concentration (mg/L)

Figure 7C
 Inferred PSH Extent and
 BTEX Concentration Map Area 3
 (8/19/2014)
 Plains Marketing, L.P.
 TNM SPS-11
 Lea County, NM
 NMOCD Reference # GW-0294

2057 Commerce Drive
 Midland, Texas 79703
 432.520.7720

www.novasafetyandenvironmental.com

September 9, 2014	Scale: 1" = 150'	CAD By: TA	Checked By: CS
Lat. N32° 44' 50.3" Long. W103° 23' 38.5"			



Tables

TABLE 1

2014 GROUNDWATER ELEVATION DATA

TNM SPS - 11
 PLAINS MARKETING, L.P.
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	01/09/14	3859.08	60.43	61.28	0.85	3798.52
MW - 1	01/15/14	3859.08	60.45	61.22	0.77	3798.51
MW - 1	01/22/14	3859.08	60.44	61.40	0.96	3798.50
MW - 1	01/29/14	3859.08	60.39	61.36	0.97	3798.54
MW - 1	02/20/14	3859.08	60.34	61.85	1.51	3798.51
MW - 1	03/04/14	3859.08	60.34	62.16	1.82	3798.47
MW - 1	03/11/14	3859.08	60.35	62.30	1.95	3798.44
MW - 1	03/18/14	3859.08	60.31	62.45	2.14	3798.45
MW - 1	03/29/14	3859.08	60.36	62.19	1.83	3798.45
MW - 1	04/01/14	3859.08	60.56	61.11	0.55	3798.44
MW - 1	04/08/14	3859.08	60.54	61.15	0.61	3798.45
MW - 1	04/18/14	3859.08	60.54	61.23	0.69	3798.44
MW - 1	04/23/14	3859.08	60.58	61.10	0.52	3798.42
MW - 1	05/05/14	3859.08	60.56	61.14	0.58	3798.43
MW - 1	05/16/14	3859.08	60.59	61.25	0.66	3798.39
MW - 1	05/20/14	3859.08	60.62	61.08	0.46	3798.39
MW - 1	05/30/14	3859.08	60.56	61.43	0.87	3798.39
MW - 1	06/18/14	3859.08	60.52	61.80	1.28	3798.37
MW - 1	06/27/14	3859.08	60.58	61.50	0.92	3798.36
MW - 1	07/02/14	3859.08	60.60	61.43	0.83	3798.36
MW - 1	07/10/14	3859.08	60.55	61.22	0.67	3798.43
MW - 1	07/29/14	3859.08	60.60	61.65	1.05	3798.32
MW - 1	07/30/14	3859.08	60.60	61.65	1.05	3798.32
MW - 1	08/08/14	3859.08	60.54	62.05	1.51	3798.31
MW - 1	08/19/14	3859.08	60.51	62.02	1.51	3798.34
MW - 1	09/04/14	3859.08	60.51	62.55	2.04	3798.26
MW - 1	09/11/14	3859.08	60.65	61.80	1.15	3798.26
MW - 1	10/16/14	3859.08	60.49	62.20	1.71	3798.33
MW - 1	10/22/14	3859.08	60.62	61.50	0.88	3798.33
MW - 1	10/23/14	3859.08	60.60	61.50	0.90	3798.35
MW - 1	11/24/14	3859.08	60.55	62.20	1.65	3798.28
MW - 1	12/05/14	3859.08	60.54	62.52	1.98	3798.24
MW - 1	12/12/14	3859.08	61.50	62.70	1.20	3797.40
MW - 1	12/19/14	3859.08	60.66	61.78	1.12	3798.25
MW - 2	02/19/14	3860.76	-	61.32	0.00	3799.44
MW - 2	05/20/14	3860.76	-	61.40	0.00	3799.36
MW - 2	07/29/14	3860.76	-	61.68	0.00	3799.08
MW - 2	08/19/14	3860.76	-	61.64	0.00	3799.12
MW - 2	10/30/14	3860.76	-	61.59	0.00	3799.17
MW - 2	11/24/14	3860.76	-	61.64	0.00	3799.12

TABLE 1

2014 GROUNDWATER ELEVATION DATA

TNM SPS - 11
 PLAINS MARKETING, L.P.
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 3	02/19/14	3861.15	-	61.75	0.00	3799.40
MW - 3	05/20/14	3861.15	-	61.83	0.00	3799.32
MW - 3	07/29/14	3861.15	-	61.90	0.00	3799.25
MW - 3	08/19/14	3861.15	-	61.89	0.00	3799.26
MW - 3	10/30/14	3862.15	-	61.86	0.00	3800.29
MW - 3	11/24/14	3862.15	-	61.89	0.00	3800.26
MW - 4	01/03/14	3859.62	60.82	60.98	0.16	3798.78
MW - 4	01/09/14	3859.62	60.80	60.94	0.14	3798.80
MW - 4	01/15/14	3859.62	60.80	60.95	0.15	3798.80
MW - 4	01/22/14	3859.62	60.80	60.98	0.18	3798.79
MW - 4	01/29/14	3859.62	60.80	60.98	0.18	3798.79
MW - 4	02/20/14	3859.62	60.79	61.09	0.30	3798.79
MW - 4	03/04/14	3859.62	60.80	61.07	0.27	3798.78
MW - 4	03/11/14	3859.62	60.85	61.12	0.27	3798.73
MW - 4	03/18/14	3859.62	60.86	61.11	0.25	3798.72
MW - 4	03/29/14	3859.62	60.85	61.16	0.31	3798.72
MW - 4	04/01/14	3859.62	60.88	61.02	0.14	3798.72
MW - 4	04/08/14	3859.62	60.88	60.97	0.09	3798.73
MW - 4	04/18/14	3859.62	60.91	61.00	0.09	3798.70
MW - 4	04/23/14	3859.62	60.92	61.02	0.10	3798.69
MW - 4	05/05/14	3859.62	60.95	61.05	0.10	3798.66
MW - 4	05/16/14	3859.62	60.95	61.12	0.17	3798.64
MW - 4	05/20/14	3859.62	60.94	60.99	0.05	3798.67
MW - 4	05/30/14	3859.62	60.91	61.06	0.15	3798.69
MW - 4	06/18/14	3859.62	60.95	61.05	0.10	3798.66
MW - 4	06/27/14	3859.62	61.00	61.08	0.08	3798.61
MW - 4	07/02/14	3859.62	61.00	61.13	0.13	3798.60
MW - 4	07/10/14	3859.62	60.95	61.15	0.20	3798.64
MW - 4	07/29/14	3859.62	60.98	61.23	0.25	3798.60
MW - 4	07/30/14	3859.62	60.98	61.23	0.25	3798.60
MW - 4	08/08/14	3859.62	60.98	61.30	0.32	3798.59
MW - 4	08/19/14	3859.62	60.97	61.31	0.34	3798.60
MW - 4	09/04/14	3859.62	60.98	61.51	0.53	3798.56
MW - 4	09/11/14	3859.62	61.04	61.40	0.36	3798.53
MW - 4	10/16/14	3859.62	60.90	61.35	0.45	3798.65
MW - 4	10/22/14	3859.62	60.95	61.29	0.34	3798.62
MW - 4	10/23/14	3859.62	60.95	61.29	0.34	3798.62
MW - 4	11/24/14	3859.62	60.96	61.62	0.66	3798.56
MW - 4	12/05/14	3859.62	60.97	61.94	0.97	3798.50
MW - 4	12/12/14	3859.62	60.95	61.84	0.89	3798.54
MW - 4	12/19/14	3859.62	60.97	61.65	0.68	3798.55

TABLE 1

2014 GROUNDWATER ELEVATION DATA

TNM SPS - 11
 PLAINS MARKETING, L.P.
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 6	02/20/14	3862.47	-	61.35	0.00	3801.12
MW - 6	05/20/14	3862.47	-	61.35	0.00	3801.12
MW - 6	07/29/14	3862.47	-	61.50	0.00	3800.97
MW - 6	08/19/14	3862.47	-	61.41	0.00	3801.06
MW - 6	10/30/14	3862.47	-	61.43	0.00	3801.04
MW - 6	11/24/14	3862.47	-	61.45	0.00	3801.02
MW - 7	01/03/14	3859.31	60.87	60.99	0.12	3798.42
MW - 7	01/09/14	3859.31	60.85	60.94	0.09	3798.45
MW - 7	01/15/14	3859.31	60.85	60.93	0.08	3798.45
MW - 7	01/22/14	3859.31	60.85	60.96	0.11	3798.44
MW - 7	01/29/14	3859.31	60.85	60.98	0.13	3798.44
MW - 7	02/20/14	3859.31	60.83	61.09	0.26	3798.44
MW - 7	03/04/14	3859.31	60.77	61.12	0.35	3798.49
MW - 7	03/11/14	3859.31	60.90	61.15	0.25	3798.37
MW - 7	03/18/14	3859.31	60.90	61.18	0.28	3798.37
MW - 7	03/29/14	3859.31	60.89	61.20	0.31	3798.37
MW - 7	04/01/14	3859.31	60.91	61.10	0.19	3798.37
MW - 7	04/08/14	3859.31	60.91	61.03	0.12	3798.38
MW - 7	04/18/14	3859.31	60.93	61.02	0.09	3798.37
MW - 7	04/23/14	3859.31	60.95	61.03	0.08	3798.35
MW - 7	05/05/14	3859.31	60.94	61.04	0.10	3798.36
MW - 7	05/16/14	3859.31	60.98	61.08	0.10	3798.32
MW - 7	05/20/14	3859.31	60.98	61.03	0.05	3798.32
MW - 7	05/30/14	3859.31	60.96	61.07	0.11	3798.33
MW - 7	06/18/14	3859.31	60.96	61.14	0.18	3798.32
MW - 7	06/27/14	3859.31	60.98	61.15	0.17	3798.30
MW - 7	07/02/14	3859.31	61.03	61.13	0.10	3798.27
MW - 7	07/10/14	3859.31	61.00	61.17	0.17	3798.28
MW - 7	07/29/14	3859.31	61.03	61.25	0.22	3798.25
MW - 7	07/30/14	3859.31	61.03	61.25	0.22	3798.25
MW - 7	08/08/14	3859.31	61.03	61.30	0.27	3798.24
MW - 7	08/19/14	3859.31	61.02	61.28	0.26	3798.25
MW - 7	09/04/14	3859.31	61.05	61.43	0.38	3798.20
MW - 7	09/11/14	3859.31	61.08	61.35	0.27	3798.19
MW - 7	10/16/14	3859.31	60.96	61.32	0.36	3798.30
MW - 7	10/22/14	3859.31	61.01	61.19	0.18	3798.27
MW - 7	10/23/14	3859.31	61.01	61.19	0.18	3798.27
MW - 7	11/24/14	3859.31	61.05	61.39	0.34	3798.21
MW - 7	12/05/14	3859.31	61.09	61.49	0.40	3798.16
MW - 7	12/12/14	3859.31	61.04	61.56	0.52	3798.19

TABLE 1

2014 GROUNDWATER ELEVATION DATA

TNM SPS - 11
 PLAINS MARKETING, L.P.
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	12/19/14	3859.31	61.07	61.36	0.29	3798.20
MW - 9	01/03/14	3861.88	-	60.38	0.00	3801.50
MW - 9	01/09/14	3861.88	-	60.37	0.00	3801.51
MW - 9	01/15/14	3861.88	-	60.36	0.00	3801.52
MW - 9	01/22/14	3861.88	-	60.40	0.00	3801.48
MW - 9	01/29/14	3861.88	-	60.36	0.00	3801.52
MW - 9	02/20/14	3861.88	-	60.31	0.00	3801.57
MW - 9	03/04/14	3861.88	-	60.35	0.00	3801.53
MW - 9	03/11/14	3861.88	-	60.47	0.00	3801.41
MW - 9	03/18/14	3861.88	-	60.44	0.00	3801.44
MW - 9	03/29/14	3861.88	-	60.50	0.00	3801.38
MW - 9	04/01/14	3861.88	-	60.43	0.00	3801.45
MW - 9	04/08/14	3861.88	-	60.41	0.00	3801.47
MW - 9	04/18/14	3861.88	-	60.44	0.00	3801.44
MW - 9	04/23/14	3861.88	-	60.41	0.00	3801.47
MW - 9	05/05/14	3861.88	-	60.47	0.00	3801.41
MW - 9	05/16/14	3861.88	-	60.45	0.00	3801.43
MW - 9	05/20/14	3861.88	-	60.55	0.00	3801.33
MW - 9	05/30/14	3861.88	-	60.49	0.00	3801.39
MW - 9	06/18/14	3861.88	-	60.51	0.00	3801.37
MW - 9	06/27/14	3861.88	-	60.47	0.00	3801.41
MW - 9	07/02/14	3861.88	-	60.53	0.00	3801.35
MW - 9	07/10/14	3861.88	-	60.52	0.00	3801.36
MW - 9	07/29/14	3861.88	-	60.53	0.00	3801.35
MW - 9	07/30/14	3861.88	-	60.53	0.00	3801.35
MW - 9	08/08/14	3861.88	-	60.55	0.00	3801.33
MW - 9	08/19/14	3861.88	-	60.52	0.00	3801.36
MW - 9	09/04/14	3861.88	-	60.56	0.00	3801.32
MW - 9	09/11/14	3861.88	-	60.59	0.00	3801.29
MW - 9	10/16/14	3861.88	-	60.45	0.00	3801.43
MW - 9	10/22/14	3861.88	-	60.50	0.00	3801.38
MW - 9	10/30/14	3861.88	-	60.51	0.00	3801.37
MW - 9	11/24/14	3861.88	-	60.51	0.00	3801.37
MW - 9	12/05/14	3861.88	-	60.52	0.00	3801.36
MW - 9	12/12/14	3861.88	-	60.58	0.00	3801.30
MW - 9	12/19/14	3861.88	-	60.57	0.00	3801.31
MW - 10	02/20/14	3860.58	-	63.34	0.00	3797.24
MW - 10	05/20/14	3860.58	-	62.42	0.00	3798.16
MW - 10	07/29/14	3860.58	-	62.48	0.00	3798.10
MW - 10	08/19/14	3860.58	-	62.49	0.00	3798.09

TABLE 1

2014 GROUNDWATER ELEVATION DATA

TNM SPS - 11
 PLAINS MARKETING, L.P.
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 10	10/30/14	3860.58	-	62.51	0.00	3798.07
MW - 10	11/24/14	3860.58	-	62.53	0.00	3798.05
MW - 11	01/03/14	3860.00	61.31	64.84	3.53	3798.16
MW - 11	01/09/14	3860.00	61.90	64.70	2.80	3797.68
MW - 11	01/15/14	3860.00	61.24	64.70	3.46	3798.24
MW - 11	01/22/14	3860.00	61.29	64.80	3.51	3798.18
MW - 11	01/29/14	3860.00	61.29	64.82	3.53	3798.18
MW - 11	02/20/14	3860.00	61.28	64.87	3.59	3798.18
MW - 11	03/04/14	3860.00	61.28	64.84	3.56	3798.19
MW - 11	03/11/14	3860.00	61.34	64.92	3.58	3798.12
MW - 11	03/18/14	3860.00	61.33	64.93	3.60	3798.13
MW - 11	03/29/14	3860.00	61.35	64.92	3.57	3798.11
MW - 11	04/01/14	3860.00	61.43	64.48	3.05	3798.11
MW - 11	04/08/14	3860.00	61.35	64.82	3.47	3798.13
MW - 11	04/18/14	3860.00	61.35	64.93	3.58	3798.11
MW - 11	04/23/14	3860.00	61.41	64.69	3.28	3798.10
MW - 11	05/05/14	3860.00	61.35	64.95	3.60	3798.11
MW - 11	05/16/14	3860.00	61.36	64.96	3.60	3798.10
MW - 11	05/20/14	3860.00	61.54	64.48	2.94	3798.02
MW - 11	05/30/14	3860.00	61.47	64.97	3.50	3798.01
MW - 11	06/18/14	3860.00	61.40	65.05	3.65	3798.05
MW - 11	06/27/14	3860.00	61.46	65.09	3.63	3798.00
MW - 11	07/02/14	3860.00	61.44	65.00	3.56	3798.03
MW - 11	07/10/14	3860.00	61.42	65.03	3.61	3798.04
MW - 11	07/29/14	3860.00	61.45	64.90	3.45	3798.03
MW - 11	07/30/14	3860.00	61.45	64.90	3.45	3798.03
MW - 11	08/08/14	3860.00	61.44	65.08	3.64	3798.01
MW - 11	08/19/14	3860.00	61.44	65.08	3.64	3798.01
MW - 11	09/04/14	3860.00	61.50	65.20	3.70	3797.95
MW - 11	09/11/14	3860.00	61.53	65.03	3.50	3797.95
MW - 11	10/16/14	3860.00	61.44	65.12	3.68	3798.01
MW - 11	10/22/14	3860.00	61.50	64.90	3.40	3797.99
MW - 11	10/23/14	3860.00	61.50	64.90	3.40	3797.99
MW - 11	11/24/14	3860.00	61.52	65.21	3.69	3797.93
MW - 11	12/05/14	3860.00	61.53	65.26	3.73	3797.91
MW - 11	12/12/14	3860.00	61.52	65.29	3.77	3797.91
MW - 11	12/19/14	3860.00	61.53	65.11	3.58	3797.93
MW - 12	02/20/14	3863.10	-	62.45	0.00	3800.65
MW - 12	05/20/14	3863.10	-	62.56	0.00	3800.54
MW - 12	07/29/14	3863.10	-	62.61	0.00	3800.49

TABLE 1

2014 GROUNDWATER ELEVATION DATA

TNM SPS - 11
 PLAINS MARKETING, L.P.
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 12	08/19/14	3863.10	-	61.62	0.00	3801.48
MW - 12	10/30/14	3863.10	-	62.43	0.00	3800.67
MW - 12	11/24/14	3863.10	-	62.50	0.00	3800.60
MW - 13	02/19/14	3862.44	-	60.89	0.00	3801.55
MW - 13	05/20/14	3862.44	-	60.98	0.00	3801.46
MW - 13	07/29/14	3862.44	-	61.03	0.00	3801.41
MW - 13	08/19/14	3862.44	-	61.03	0.00	3801.41
MW - 13	10/30/14	3862.44	-	60.98	0.00	3801.46
MW - 13	11/24/14	3862.44	-	61.01	0.00	3801.43
MW - 14	01/03/14	3862.95	-	62.04	0.00	3800.91
MW - 14	01/09/14	3862.95	-	61.97	0.00	3800.98
MW - 14	01/15/14	3862.95	-	61.98	0.00	3800.97
MW - 14	01/22/14	3862.95	-	62.06	0.00	3800.89
MW - 14	01/29/14	3862.95	-	62.02	0.00	3800.93
MW - 14	02/20/14	3862.95	-	61.95	0.00	3801.00
MW - 14	03/04/14	3862.95	-	61.98	0.00	3800.97
MW - 14	03/11/14	3862.95	-	62.12	0.00	3800.83
MW - 14	03/18/14	3862.95	-	62.08	0.00	3800.87
MW - 14	03/29/14	3862.95	-	62.08	0.00	3800.87
MW - 14	04/01/14	3862.95	-	62.06	0.00	3800.89
MW - 14	04/08/14	3862.95	-	62.05	0.00	3800.90
MW - 14	04/18/14	3862.95	-	62.05	0.00	3800.90
MW - 14	04/23/14	3862.95	-	62.08	0.00	3800.87
MW - 14	05/05/14	3862.95	-	62.08	0.00	3800.87
MW - 14	05/16/14	3862.95	-	62.07	0.00	3800.88
MW - 14	05/20/14	3862.95	-	62.15	0.00	3800.80
MW - 14	05/30/14	3862.95	-	62.14	0.00	3800.81
MW - 14	06/18/14	3862.95	-	62.16	0.00	3800.79
MW - 14	06/27/14	3862.95	-	62.15	0.00	3800.80
MW - 14	07/02/14	3862.95	-	62.18	0.00	3800.77
MW - 14	07/10/14	3862.95	-	62.15	0.00	3800.80
MW - 14	07/29/14	3862.95	-	62.21	0.00	3800.74
MW - 14	07/30/14	3862.95	-	62.21	0.00	3800.74
MW - 14	08/08/14	3862.95	-	62.18	0.00	3800.77
MW - 14	08/19/14	3862.95	-	62.15	0.00	3800.80
MW - 14	08/20/14	3862.95	-	62.18	0.00	3800.77
MW - 14	09/04/14	3862.95	-	62.18	0.00	3800.77
MW - 14	09/11/14	3862.95	-	62.23	0.00	3800.72
MW - 14	10/16/14	3862.95	-	62.13	0.00	3800.82
MW - 14	10/22/14	3862.95	-	62.17	0.00	3800.78

TABLE 1

2014 GROUNDWATER ELEVATION DATA

TNM SPS - 11
 PLAINS MARKETING, L.P.
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 14	10/30/14	3863.95	-	62.21	0.00	3801.74
MW - 14	11/24/14	3863.95	-	62.17	0.00	3801.78
MW - 14	12/02/14	3863.95	-	62.14	0.00	3801.81
MW - 14	12/12/14	3863.95	-	62.16	0.00	3801.79
MW - 14	12/19/14	3863.95	-	62.19	0.00	3801.76
MW - 15	02/20/14	3861.70	-	61.08	0.00	3800.62
MW - 15	05/20/14	3861.70	-	61.16	0.00	3800.54
MW - 15	07/29/14	3861.70	-	61.26	0.00	3800.44
MW - 15	08/19/14	3861.70	-	61.24	0.00	3800.46
MW - 15	10/30/14	3861.70	-	61.24	0.00	3800.46
MW - 15	11/24/14	3861.70	-	61.29	0.00	3800.41
MW - 16	02/20/14	3863.15	-	60.98	0.00	3802.17
MW - 16	02/26/14	3863.15	-	60.93	0.00	3802.22
MW - 16	05/20/14	3863.15	-	61.36	0.00	3801.79
MW - 16	07/29/14	3863.15	-	61.06	0.00	3802.09
MW - 16	08/19/14	3863.15	-	61.17	0.00	3801.98
MW - 16	10/30/14	3863.15	-	61.66	0.00	3801.49
MW - 16	11/24/14	3863.15	-	61.56	0.00	3801.59
MW - 17	02/20/14	3859.17	-	63.21	0.00	3795.96
MW - 17	05/20/14	3859.17	-	63.27	0.00	3795.90
MW - 17	07/29/14	3859.17	-	63.33	0.00	3795.84
MW - 17	08/19/14	3859.17	-	63.34	0.00	3795.83
MW - 17	10/30/14	3859.17	-	63.42	0.00	3795.75
MW - 17	11/24/14	3859.17	-	63.43	0.00	3795.74
MW - 18	02/19/14	3859.98	-	62.76	0.00	3797.22
MW - 18	05/20/14	3859.98	-	63.78	0.00	3796.20
MW - 18	07/29/14	3859.98	-	62.90	0.00	3797.08
MW - 18	08/28/14	3859.98	-	62.93	0.00	3797.05
MW - 18	10/30/14	3859.98	-	62.95	0.00	3797.03
MW - 18	11/24/14	3859.98	-	62.96	0.00	3797.02
MW - 19	02/19/14	3862.30	-	63.72	0.00	3798.58
MW - 19	05/20/14	3862.30	-	62.84	0.00	3799.46
MW - 19	07/29/14	3862.30	-	63.86	0.00	3798.44
MW - 19	08/19/14	3862.30	-	62.91	0.00	3799.39
MW - 19	10/30/14	3862.30	-	63.87	0.00	3798.43
MW - 19	11/24/14	3862.30	-	63.91	0.00	3798.39

TABLE 1

2014 GROUNDWATER ELEVATION DATA

TNM SPS - 11
 PLAINS MARKETING, L.P.
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 21	02/19/14	3862.30	-	63.05	0.00	3799.25
MW - 21	05/20/14	3862.30	-	63.14	0.00	3799.16
MW - 21	07/29/14	3862.30	-	63.20	0.00	3799.10
MW - 21	08/19/14	3862.30	-	63.21	0.00	3799.09
MW - 21	10/30/14	3862.30	-	63.18	0.00	3799.12
MW - 21	11/24/14	3862.30	-	63.23	0.00	3799.07
MW - 23	02/19/14	3862.44	-	60.60	0.00	3801.84
MW - 23	05/20/14	3862.44	-	60.67	0.00	3801.77
MW - 23	07/29/14	3862.44	-	60.73	0.00	3801.71
MW - 23	08/19/14	3862.44	-	60.75	0.00	3801.69
MW - 23	10/30/14	3862.44	-	60.82	0.00	3801.62
MW - 23	11/24/14	3862.44	-	60.83	0.00	3801.61
MW - 24	02/20/14	3864.36	-	61.56	0.00	3802.80
MW - 24	05/20/14	3864.36	-	60.67	0.00	3803.69
MW - 24	07/29/14	3864.36	-	61.73	0.00	3802.63
MW - 24	08/19/14	3864.36	-	61.73	0.00	3802.63
MW - 24	08/28/14	3864.36	-	61.76	0.00	3802.60
MW - 24	10/30/14	3864.36	-	61.79	0.00	3802.57
MW - 24	11/24/14	3864.36	-	61.79	0.00	3802.57
MW-25	02/19/14	3864.16	-	60.56	0.00	3803.60
MW-25	05/20/14	3864.16	-	60.60	0.00	3803.56
MW-25	07/29/14	3864.16	-	60.66	0.00	3803.50
MW-25	08/19/14	3864.16	-	60.66	0.00	3803.50
MW-25	10/30/14	3864.16	-	60.68	0.00	3803.48
MW-25	11/24/14	3864.16	-	60.68	0.00	3803.48
MW - 26	01/03/14	3858.79	-	63.71	0.00	3795.08
MW - 26	01/09/14	3858.79	-	63.65	0.00	3795.14
MW - 26	01/15/14	3858.79	-	63.63	0.00	3795.16
MW - 26	01/22/14	3858.79	-	63.65	0.00	3795.14
MW - 26	01/29/14	3858.79	-	63.65	0.00	3795.14
MW - 26	02/20/14	3858.79	-	63.62	0.00	3795.17
MW - 26	03/04/14	3858.79	-	63.65	0.00	3795.14
MW - 26	03/11/14	3858.79	-	63.75	0.00	3795.04
MW - 26	03/18/14	3858.79	-	63.70	0.00	3795.09
MW - 26	03/29/14	3858.79	-	63.73	0.00	3795.06
MW - 26	04/01/14	3858.79	-	63.69	0.00	3795.10
MW - 26	04/08/14	3858.79	-	63.66	0.00	3795.13
MW - 26	04/18/14	3858.79	-	63.69	0.00	3795.10

TABLE 1

2014 GROUNDWATER ELEVATION DATA

TNM SPS - 11
 PLAINS MARKETING, L.P.
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 26	04/23/14	3858.79	-	63.73	0.00	3795.06
MW - 26	05/05/14	3858.79	-	63.71	0.00	3795.08
MW - 26	05/16/14	3858.79	-	63.68	0.00	3795.11
MW - 26	05/20/14	3858.79	-	63.73	0.00	3795.06
MW - 26	05/30/14	3858.79	-	63.72	0.00	3795.07
MW - 26	06/18/14	3858.79	-	63.75	0.00	3795.04
MW - 26	06/27/14	3858.79	-	63.81	0.00	3794.98
MW - 26	07/02/14	3858.79	-	63.81	0.00	3794.98
MW - 26	07/10/14	3858.79	-	63.77	0.00	3795.02
MW - 26	07/29/14	3858.79	-	63.82	0.00	3794.97
MW - 26	07/30/14	3858.79	-	63.82	0.00	3794.97
MW - 26	08/08/14	3858.79	-	63.75	0.00	3795.04
MW - 26	08/19/14	3858.79	-	63.78	0.00	3795.01
MW - 26	08/20/14	3858.79	-	63.81	0.00	3794.98
MW - 26	09/04/14	3858.79	-	63.81	0.00	3794.98
MW - 26	09/11/14	3858.79	-	63.80	0.00	3794.99
MW - 26	10/16/14	3858.79	-	63.86	0.00	3794.93
MW - 26	10/22/14	3858.79	-	63.88	0.00	3794.91
MW - 26	10/30/14	3859.79	-	63.86	0.00	3795.93
MW - 26	11/24/14	3859.79	-	63.25	0.00	3796.54
MW - 26	12/05/14	3859.79	-	62.18	0.00	3797.61
MW - 26	12/12/14	3859.79	-	63.87	0.00	3795.92
MW - 26	12/19/14	3859.79	-	63.85	0.00	3795.94
MW - 28	01/03/14	3858.60	-	63.95	0.00	3794.65
MW - 28	01/09/14	3858.60	-	63.85	0.00	3794.75
MW - 28	01/15/14	3858.60	-	63.90	0.00	3794.70
MW - 28	01/22/14	3858.60	-	63.87	0.00	3794.73
MW - 28	01/29/14	3858.60	-	63.90	0.00	3794.70
MW - 28	02/20/14	3858.60	-	63.82	0.00	3794.78
MW - 28	03/04/14	3858.60	-	63.84	0.00	3794.76
MW - 28	03/11/14	3858.60	-	63.97	0.00	3794.63
MW - 28	03/18/14	3858.60	-	63.88	0.00	3794.72
MW - 28	03/29/14	3858.60	-	63.92	0.00	3794.68
MW - 28	04/01/14	3858.60	-	63.90	0.00	3794.70
MW - 28	04/08/14	3858.60	-	63.92	0.00	3794.68
MW - 28	04/18/14	3858.60	-	63.93	0.00	3794.67
MW - 28	04/23/14	3858.60	-	63.96	0.00	3794.64
MW - 28	05/05/14	3858.60	-	63.88	0.00	3794.72
MW - 28	05/16/14	3858.60	-	63.90	0.00	3794.70
MW - 28	05/20/14	3858.60	-	63.99	0.00	3794.61
MW - 28	05/30/14	3858.60	-	63.98	0.00	3794.62

TABLE 1

2014 GROUNDWATER ELEVATION DATA

TNM SPS - 11
 PLAINS MARKETING, L.P.
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 28	06/18/14	3858.60	-	63.95	0.00	3794.65
MW - 28	06/27/14	3858.60	-	63.99	0.00	3794.61
MW - 28	07/02/14	3858.60	-	64.03	0.00	3794.57
MW - 28	07/10/14	3858.60	-	64.02	0.00	3794.58
MW - 28	07/29/14	3858.60	-	64.05	0.00	3794.55
MW - 28	07/30/14	3858.60	-	64.05	0.00	3794.55
MW - 28	08/08/14	3858.60	-	64.01	0.00	3794.59
MW - 28	08/19/14	3858.60	-	64.00	0.00	3794.60
MW - 28	09/04/14	3858.60	-	64.08	0.00	3794.52
MW - 28	09/11/14	3858.60	-	64.08	0.00	3794.52
MW - 28	10/16/14	3858.60	-	64.10	0.00	3794.50
MW - 28	10/22/14	3858.60	-	64.11	0.00	3794.49
MW - 28	10/30/14	3858.60	-	64.09	0.00	3794.51
MW - 28	11/24/14	3858.60	-	64.11	0.00	3794.49
MW - 28	12/05/14	3858.60	-	64.02	0.00	3794.58
MW - 28	12/12/14	3858.60	-	64.12	0.00	3794.48
MW - 28	12/19/14	3858.60	-	64.13	0.00	3794.47
MW - 29	01/03/14	3858.54	-	64.34	0.00	3794.20
MW - 29	01/09/14	3858.54	-	64.31	0.00	3794.23
MW - 29	01/15/14	3858.54	-	64.30	0.00	3794.24
MW - 29	01/22/14	3858.54	-	64.29	0.00	3794.25
MW - 29	01/29/14	3858.54	-	64.30	0.00	3794.24
MW - 29	02/20/14	3858.54	-	64.24	0.00	3794.30
MW - 29	03/04/14	3858.54	-	64.26	0.00	3794.28
MW - 29	03/11/14	3858.54	-	64.38	0.00	3794.16
MW - 29	03/18/14	3858.54	-	64.36	0.00	3794.18
MW - 29	03/29/14	3858.54	-	64.38	0.00	3794.16
MW - 29	04/01/14	3858.54	-	64.36	0.00	3794.18
MW - 29	04/08/14	3858.54	-	64.32	0.00	3794.22
MW - 29	04/18/14	3858.54	-	64.35	0.00	3794.19
MW - 29	04/23/14	3858.54	-	64.38	0.00	3794.16
MW - 29	05/05/14	3858.54	-	64.37	0.00	3794.17
MW - 29	05/16/14	3858.54	-	64.35	0.00	3794.19
MW - 29	05/20/14	3858.54	-	64.40	0.00	3794.14
MW - 29	05/30/14	3858.54	-	64.39	0.00	3794.15
MW - 29	06/18/14	3858.54	-	64.42	0.00	3794.12
MW - 29	06/27/14	3858.54	-	64.40	0.00	3794.14
MW - 29	07/02/14	3858.54	-	64.45	0.00	3794.09
MW - 29	07/10/14	3858.54	-	64.43	0.00	3794.11
MW - 29	07/29/14	3858.54	-	64.48	0.00	3794.06
MW - 29	07/30/14	3858.54	-	64.48	0.00	3794.06

TABLE 1

2014 GROUNDWATER ELEVATION DATA

TNM SPS - 11
 PLAINS MARKETING, L.P.
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 29	08/08/14	3858.54	-	64.48	0.00	3794.06
MW - 29	08/19/14	3858.54	-	64.42	0.00	3794.12
MW - 29	09/04/14	3858.54	-	64.45	0.00	3794.09
MW - 29	09/11/14	3858.54	-	64.50	0.00	3794.04
MW - 29	10/16/14	3858.54	-	64.50	0.00	3794.04
MW - 29	10/22/14	3858.54	-	64.50	0.00	3794.04
MW - 29	10/30/14	3858.54	-	64.50	0.00	3794.04
MW - 29	11/24/14	3858.54	-	64.51	0.00	3794.03
MW - 29	12/05/14	3858.54	-	64.46	0.00	3794.08
MW - 29	12/12/14	3858.54	-	64.54	0.00	3794.00
MW - 29	12/19/14	3858.54	-	64.53	0.00	3794.01
MW - 30	02/19/14	3858.35	-	62.76	0.00	3795.59
MW - 30	05/20/14	3858.35	-	62.81	0.00	3795.54
MW - 30	07/29/14	3858.35	-	62.88	0.00	3795.47
MW - 30	08/19/14	3858.35	-	62.89	0.00	3795.46
MW - 30	10/30/14	3858.35	-	63.03	0.00	3795.32
MW - 30	11/24/14	3858.35	-	63.01	0.00	3795.34
MW - 31	02/19/14	3858.52	-	63.68	0.00	3794.84
MW - 31	05/20/14	3858.52	-	63.75	0.00	3794.77
MW - 31	07/29/14	3858.52	-	63.81	0.00	3794.71
MW - 31	08/19/14	3858.52	-	63.81	0.00	3794.71
MW - 31	10/30/14	3858.52	-	63.88	0.00	3794.64
MW - 31	11/24/14	3858.52	-	63.87	0.00	3794.65
MW-32	01/03/14	3858.07	-	64.09	0.00	3793.98
MW-32	01/09/14	3858.07	-	64.06	0.00	3794.01
MW-32	01/15/14	3858.07	-	63.97	0.00	3794.10
MW-32	01/22/14	3858.07	-	63.96	0.00	3794.11
MW-32	01/29/14	3858.07	-	63.99	0.00	3794.08
MW-32	02/20/14	3858.07	-	64.01	0.00	3794.06
MW-32	03/04/14	3858.07	-	64.01	0.00	3794.06
MW-32	03/11/14	3858.07	-	64.15	0.00	3793.92
MW-32	03/18/14	3858.07	-	64.08	0.00	3793.99
MW-32	03/29/14	3858.07	-	64.08	0.00	3793.99
MW-32	04/01/14	3858.07	-	64.12	0.00	3793.95
MW-32	04/08/14	3858.07	-	64.12	0.00	3793.95
MW-32	04/18/14	3858.07	-	64.09	0.00	3793.98
MW-32	04/23/14	3858.07	-	64.10	0.00	3793.97
MW-32	05/05/14	3858.07	-	64.07	0.00	3794.00
MW-32	05/16/14	3858.07	-	64.08	0.00	3793.99

TABLE 1

2014 GROUNDWATER ELEVATION DATA

TNM SPS - 11
 PLAINS MARKETING, L.P.
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-32	05/20/14	3858.07	-	64.15	0.00	3793.92
MW-32	05/30/14	3858.07	-	64.13	0.00	3793.94
MW-32	06/18/14	3858.07	-	64.12	0.00	3793.95
MW-32	06/27/14	3858.07	-	64.17	0.00	3793.90
MW-32	07/02/14	3858.07	-	64.22	0.00	3793.85
MW-32	07/10/14	3858.07	-	64.18	0.00	3793.89
MW-32	07/29/14	3858.07	-	64.23	0.00	3793.84
MW-32	07/30/14	3858.07	-	64.23	0.00	3793.84
MW-32	08/08/14	3858.07	-	64.20	0.00	3793.87
MW-32	08/19/14	3858.07	-	64.14	0.00	3793.93
MW-32	09/04/14	3858.07	-	64.20	0.00	3793.87
MW-32	09/11/14	3858.07	-	64.40	0.00	3793.67
MW-32	10/16/14	3858.07	-	64.24	0.00	3793.83
MW-32	10/22/14	3858.07	-	64.23	0.00	3793.84
MW-32	10/30/14	3858.07	-	64.26	0.00	3793.81
MW-32	11/24/14	3858.07	-	64.27	0.00	3793.80
MW-32	12/05/14	3858.07	-	64.19	0.00	3793.88
MW-32	12/12/14	3858.07	-	64.26	0.00	3793.81
MW-32	12/19/14	3858.07	-	64.25	0.00	3793.82
MW-33	02/19/14	3858.36	-	64.56	0.00	3793.80
MW-33	05/20/14	3858.36	-	64.63	0.00	3793.73
MW-33	07/29/14	3858.36	-	64.66	0.00	3793.70
MW-33	08/19/14	3858.36	-	64.67	0.00	3793.69
MW-33	10/30/14	3858.36	-	64.76	0.00	3793.60
MW-33	11/24/14	3858.36	-	64.75	0.00	3793.61
MW-34	02/19/14	3857.91	-	64.49	0.00	3793.42
MW-34	05/20/14	3857.91	-	64.57	0.00	3793.34
MW-34	07/29/14	3857.91	-	64.63	0.00	3793.28
MW-34	08/19/14	3857.91	-	64.62	0.00	3793.29
MW-34	10/30/14	3857.91	-	64.68	0.00	3793.23
MW-34	11/24/14	3857.91	-	64.66	0.00	3793.25
MW-35	02/20/14	3857.16	-	64.05	0.00	3793.11
MW-35	05/20/14	3857.16	-	64.15	0.00	3793.01
MW-35	07/29/14	3857.16	-	64.18	0.00	3792.98
MW-35	08/19/14	3857.16	-	64.18	0.00	3792.98
MW-35	10/30/14	3857.16	-	64.22	0.00	3792.94
MW-35	11/24/14	3857.16	-	64.20	0.00	3792.96
MW-36	02/19/14	3858.80	-	64.65	0.00	3794.15

TABLE 1

2014 GROUNDWATER ELEVATION DATA

TNM SPS - 11
 PLAINS MARKETING, L.P.
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-36	05/20/14	3858.80	-	64.74	0.00	3794.06
MW-36	07/29/14	3858.80	-	64.78	0.00	3794.02
MW-36	08/19/14	3858.80	-	64.77	0.00	3794.03
MW-36	10/30/14	3858.80	-	64.82	0.00	3793.98
MW-36	11/24/14	3858.80	-	64.80	0.00	3794.00
MW-37	02/19/14	3857.69	-	63.63	0.00	3794.06
MW-37	05/20/14	3857.69	-	63.73	0.00	3793.96
MW-37	07/29/14	3857.69	-	63.75	0.00	3793.94
MW-37	08/19/14	3857.69	-	63.71	0.00	3793.98
MW-37	10/30/14	3857.69	-	63.80	0.00	3793.89
MW-37	11/24/14	3857.69	-	63.78	0.00	3793.91
MW-38	02/19/14	3855.95	-	62.41	0.00	3793.54
MW-38	05/20/14	3855.95	-	62.50	0.00	3793.45
MW-38	07/29/14	3855.95	-	62.55	0.00	3793.40
MW-38	08/19/14	3855.95	-	62.54	0.00	3793.41
MW-38	10/30/14	3855.95	-	62.56	0.00	3793.39
MW-38	11/24/14	3855.95	-	62.54	0.00	3793.41
MW-39	02/19/14		-	63.28	0.00	-
MW-39	05/20/14		-	63.39	0.00	-
MW-39	07/29/14		-	63.45	0.00	-
MW-39	08/19/14		-	63.43	0.00	-
MW-39	10/30/14		-	63.48	0.00	-
MW-39	11/24/14		-	63.49	0.00	-
MW-40	02/19/14	-	-	65.22	0.00	-
MW-40	05/20/14	-	-	65.31	0.00	-
MW-40	07/29/14	-	-	65.37	0.00	-
MW-40	08/19/14	-	-	65.34	0.00	-
MW-40	10/30/14	-	-	65.41	0.00	-
MW-40	11/24/14	-	-	65.38	0.00	-

TABLE 2
2014 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 1	02/20/14	Not Sampled Due to PSH in Well				
MW - 1	05/20/14	Not Sampled Due to PSH in Well				
MW - 1	08/19/14	Not Sampled Due to PSH in Well				
MW - 1	11/26/14	Not Sampled Due to PSH in Well				
MW - 2	02/19/14	Not Sampled on Current Sample Schedule				
MW - 2	05/20/14	Not Sampled on Current Sample Schedule				
MW - 2	08/19/14	Not Sampled on Current Sample Schedule				
MW - 2	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 3	02/19/14	Not Sampled on Current Sample Schedule				
MW - 3	05/20/14	Not Sampled on Current Sample Schedule				
MW - 3	08/19/14	Not Sampled on Current Sample Schedule				
MW - 3	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 4	02/19/14	Not Sampled Due to PSH in Well				
MW - 4	05/20/14	Not Sampled Due to PSH in Well				
MW - 4	08/19/14	Not Sampled Due to PSH in Well				
MW - 4	11/25/14	Not Sampled Due to PSH in Well				
MW - 6	02/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 6	05/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 6	08/19/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 7	02/19/14	Not Sampled Due to PSH in Well				
MW - 7	05/20/14	Not Sampled Due to PSH in Well				
MW - 7	08/19/14	Not Sampled Due to PSH in Well				
MW - 7	11/25/14	Not Sampled Due to PSH in Well				
MW - 9	02/20/14	0.0175	<0.00100	<0.00100	<0.00300	
MW - 9	05/20/14	0.0453	<0.00100	<0.00100	<0.00300	
MW - 9	08/19/14	0.0428	<0.00100	<0.00100	<0.00100	
MW - 9	11/26/14	0.168	<0.00100	0.0368	<0.00100	
MW - 10	02/20/14	0.00300	<0.00100	0.00390	<0.00300	
MW - 10	05/20/14	0.00540	<0.00100	0.0107	<0.00300	
MW - 10	08/19/14	0.00840	<0.00100	0.0189	<0.00100	
MW - 10	11/26/14	0.0140	<0.00100	0.0208	<0.00100	

TABLE 2
2014 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 11	02/20/14	Not Sampled Due to PSH in Well				
MW - 11	05/20/14	Not Sampled Due to PSH in Well				
MW - 11	08/19/14	Not Sampled Due to PSH in Well				
MW - 11	11/26/14	Not Sampled Due to PSH in Well				
MW - 12	02/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 12	05/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 12	08/19/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 13	02/20/14	Not Sampled on Current Sample Schedule				
MW - 13	05/20/14	Not Sampled on Current Sample Schedule				
MW - 13	08/19/14	Not Sampled on Current Sample Schedule				
MW - 13	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 14	02/20/14	2.60	<0.0500	<0.0500	<0.150	
MW - 14	05/20/14	1.58	<0.100	<0.100	<0.300	
MW - 14	08/19/14	2.34	<0.0500	<0.0500	<0.0500	
MW - 14	11/26/14	2.37	<0.100	<0.100	<0.100	
MW - 15	02/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 15	05/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 15	08/19/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 15	11/26/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 16	02/26/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 16	05/20/14	0.00140	0.00170	<0.00100	<0.00300	
MW - 16	08/19/14	0.181	0.221	0.0390	0.0649	
MW - 16*	09/09/14	0.0655	0.0815	0.0145	0.0258	
MW - 16	11/26/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 17	02/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 17	05/20/14	0.0122	<0.00100	<0.00100	<0.00300	
MW - 17	08/19/14	0.0114	0.00420	0.00130	0.00940	
MW - 17	11/26/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 18	02/19/14	Not Sampled on Current Sample Schedule				
MW - 18	05/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 18	08/28/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 18	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	

TABLE 2
2014 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 19	02/19/14	Not Sampled on Current Sample Schedule				
MW - 19	05/20/14	Not Sampled on Current Sample Schedule				
MW - 19	08/19/14	Not Sampled on Current Sample Schedule				
MW - 19	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 21	02/19/14	Not Sampled on Current Sample Schedule				
MW - 21	05/20/14	Not Sampled on Current Sample Schedule				
MW - 21	08/19/14	Not Sampled on Current Sample Schedule				
MW - 21	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 23	02/19/14	Not Sampled on Current Sample Schedule				
MW - 23	05/20/14	Not Sampled on Current Sample Schedule				
MW - 23	08/19/14	Not Sampled on Current Sample Schedule				
MW - 23	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 24	02/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 24	05/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 24	08/28/14	<0.00100	0.00120	0.00240	0.00410	
MW - 24	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 25	02/19/14	Not Sampled on Current Sample Schedule				
MW - 25	05/20/14	Not Sampled on Current Sample Schedule				
MW - 25	08/19/14	Not Sampled on Current Sample Schedule				
MW - 25	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 26	02/20/14	0.360	0.0318	0.114	0.0395	
MW - 26	05/20/14	0.210	0.0147	0.0442	0.0199	
MW - 26	08/19/14	0.262	0.0499	0.0852	0.0392	
MW - 26	11/26/14	0.276	0.0153	0.0967	0.0339	
MW - 28	02/20/14	0.114	<0.00100	0.0267	<0.00300	
MW - 28	05/20/14	0.109	<0.00100	0.0264	<0.00300	
MW - 28	08/19/14	0.243	<0.00100	0.0772	0.00720	
MW - 28	11/26/14	0.126	<0.00100	0.0217	0.0114	
MW - 29	02/20/14	0.356	<0.0500	<0.0500	<0.150	
MW - 29	05/20/14	0.395	<0.00100	0.00240	<0.00300	
MW - 29	08/19/14	0.272	<0.00100	0.00260	0.00210	
MW - 29	11/26/14	0.534	<0.0500	<0.0500	<0.0500	

TABLE 2
2014 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 30	02/19/14	Not Sampled on Current Sample Schedule				
MW - 30	05/20/14	Not Sampled on Current Sample Schedule				
MW - 30	08/19/14	Not Sampled on Current Sample Schedule				
MW - 30	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 31	02/19/14	Not Sampled on Current Sample Schedule				
MW - 31	05/20/14	Not Sampled on Current Sample Schedule				
MW - 31	08/19/14	Not Sampled on Current Sample Schedule				
MW - 31	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 32	02/20/14	0.849	<0.0500	<0.0500	<0.150	
MW - 32	05/20/14	0.857	<0.0500	0.0535	<0.150	
MW - 32	08/19/14	1.01	<0.0500	0.0761	<0.0500	
MW - 32	11/26/14	0.914	<0.0500	<0.0500	<0.0500	
MW - 33	02/19/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 33	05/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 33	08/19/14	<0.00100	<0.00100	<0.000100	<0.00100	
MW - 33	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 34	02/19/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 34	05/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 34	08/19/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 34	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 35	02/20/14	<0.00100	<0.00100	0.00780	<0.00300	
MW - 35	05/20/14	0.00120	<0.00100	0.00480	<0.00300	
MW - 35	08/19/14	0.00430	<0.00100	0.00250	0.00460	
MW - 35	11/26/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 36	02/19/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 36	05/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 36	08/19/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 36	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 37	02/19/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 37	05/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 37	08/19/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 37	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	

TABLE 2
2014 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 38	02/19/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 38	05/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 38	08/19/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 38	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 39	02/19/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 39	05/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 39	08/19/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 39	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 40	02/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 40	05/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 40	08/19/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 40	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	

TABLE 3

2014 CONCENTRATIONS OF PAH IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

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	11/26/14	Not Sampled due to the presence of PSH.																			
MW-2	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																			
MW-3	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																			
MW-4	11/25/14	Not Sampled due to the presence of PSH.																			
MW-6	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																			
MW-7	11/25/14	Not Sampled due to the presence of PSH.																			
MW-9	11/26/14	Not Sampled as part of Quarterly Monitoring Event.																			
MW-10	11/26/14	Not Sampled as part of Quarterly Monitoring Event.																			
MW-11	11/26/14	Not Sampled due to the presence of PSH.																			
MW-12	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																			
MW-13	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																			
MW-14	11/26/14	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.00138	<0.000200	<0.000200	<0.000200	0.00927	0.0457	0.0124	0.00274		
MW-15	11/26/14	Not Sampled as part of Quarterly Monitoring Event.																			
MW-16	11/26/14	Not Sampled as part of Quarterly Monitoring Event.																			
MW-17	11/26/14	Not Sampled as part of Quarterly Monitoring Event.																			
MW-18	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																			

TABLE 3

2014 CONCENTRATIONS OF PAH IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

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-19	11/25/14				Not Sampled as part of Quarterly Monitoring Event.																			
MW-21	11/25/14				Not Sampled as part of Quarterly Monitoring Event.																			
MW-23	11/25/14				Not Sampled as part of Quarterly Monitoring Event.																			
MW-24	11/25/14				Not Sampled as part of Quarterly Monitoring Event.																			
MW-25	11/25/14				Not Sampled as part of Quarterly Monitoring Event.																			
MW-26	11/26/14				Not Sampled as part of Quarterly Monitoring Event.																			
MW-28	11/26/14				Not Sampled as part of Quarterly Monitoring Event.																			
MW-29	11/26/14				Not Sampled as part of Quarterly Monitoring Event.																			
MW-30	11/25/14				Not Sampled as part of Quarterly Monitoring Event.																			
MW-31	11/25/14				Not Sampled as part of Quarterly Monitoring Event.																			
MW-32	11/26/14				Not Sampled as part of Quarterly Monitoring Event.																			
MW-33	11/25/14				Not Sampled as part of Quarterly Monitoring Event.																			
MW-34	11/25/14				Not Sampled as part of Quarterly Monitoring Event.																			
MW-35	11/26/14				Not Sampled as part of Quarterly Monitoring Event.																			
MW-36	11/25/14				Not Sampled as part of Quarterly Monitoring Event.																			

TABLE 3

2014 CONCENTRATIONS OF PAH IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

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-37	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																			
MW-38	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																			
MW-39	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																			
MW-40	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																			

Historic Table 1

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	03/24/00	3859.08	-	56.87	0.00	3802.21
MW - 1	06/14/00	3859.08	-	57.40	0.00	3801.68
MW - 1	09/22/00	3859.08	-	56.50	0.00	3802.58
MW - 1	12/28/00	3859.08	-	56.68	0.00	3802.40
MW - 1	03/14/01	3859.08	-	56.78	0.00	3802.30
MW - 1	06/06/01	3859.08	-	56.94	0.00	3802.14
MW - 1	09/28/01	3859.08	-	57.05	0.00	3802.03
MW - 1	11/17/01	3859.08	-	57.57	0.00	3801.51
MW - 1	03/26/02	3859.08	-	57.54	0.00	3801.54
MW - 1	06/26/02	3859.08	-	57.45	0.00	3801.63
MW - 1	09/25/02	3859.08	-	57.60	0.00	3801.48
MW - 1	12/10/02	3859.08	-	57.61	0.00	3801.47
MW - 1	03/10/03	3859.08	-	57.67	0.00	3801.41
MW - 1	06/09/03	3859.08	-	57.79	0.00	3801.29
MW - 1	09/03/03	3859.08	57.90	57.98	0.08	3801.17
MW - 1	09/25/03	3859.08	57.90	57.96	0.06	3801.17
MW - 1	10/06/03	3859.08	sheen	58.09	0.00	3800.99
MW - 1	10/21/03	3859.08	sheen	58.11	0.00	3800.97
MW - 1	11/11/03	3859.08	sheen	58.42	0.00	3800.66
MW - 1	12/08/03	3859.08	57.99	58.23	0.24	3801.05
MW - 1	01/05/04	3859.08	58.16	58.54	0.38	3800.86
MW - 1	01/13/04	3859.08	58.67	58.68	0.01	3800.41
MW - 1	02/19/04	3859.08	-	58.37	0.00	3800.71
MW - 1	03/01/04	3859.08	-	58.24	0.00	3800.84
MW - 1	03/11/04	3859.08	-	58.56	0.00	3800.52
MW - 1	04/09/04	3859.08	58.85	58.87	0.02	3800.23
MW - 1	05/19/04	3859.08	-	58.20	0.00	3800.88
MW - 1	06/10/04	3859.08	58.27	58.28	0.01	3800.81
MW - 1	07/01/04	3859.08	58.33	58.34	0.01	3800.75
MW - 1	08/26/04	3859.08	58.26	58.42	0.16	3800.80
MW - 1	09/23/04	3859.08	58.30	58.75	0.45	3800.71
MW - 1	10/15/04	3859.08	sheen	57.66	0.00	3801.42
MW - 1	11/14/04	3859.08	57.22	57.23	0.01	3801.86
MW - 1	12/09/04	3859.08	57.30	57.35	0.05	3801.77
MW - 1	12/14/04	3859.08	57.28	57.35	0.07	3801.79
MW - 1	12/31/04	3859.08	57.08	57.31	0.23	3801.97
MW - 1	01/13/05	3859.08	56.97	57.20	0.23	3802.08
MW - 1	01/20/05	3859.08	56.94	56.97	0.03	3802.14
MW - 1	01/27/05	3859.08	sheen	57.09	0.00	3801.99
MW - 1	02/04/05	3859.08	sheen	57.02	0.00	3802.06
MW - 1	02/10/05	3859.08	sheen	56.98	0.00	3802.10
MW - 1	02/17/05	3859.08	sheen	57.08	0.00	3802.00

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	02/24/05	3859.08	sheen	57.04	0.00	3802.04
MW - 1	03/03/05	3859.08	sheen	57.08	0.00	3802.00
MW - 1	03/17/05	3859.08	57.11	57.12	0.01	3801.97
MW - 1	04/07/05	3859.08	57.18	57.25	0.07	3801.89
MW - 1	05/26/05	3859.08	57.42	57.45	0.03	3801.66
MW - 1	06/15/05	3859.08	-	57.42	0.00	3801.66
MW - 1	06/23/05	3859.08	sheen	57.38	0.00	3801.70
MW - 1	07/27/05	3859.08	sheen	57.51	0.00	3801.57
MW - 1	08/25/05	3859.08	sheen	57.30	0.00	3801.78
MW - 1	09/14/05	3859.08	57.56	57.71	0.15	3801.50
MW - 1	09/28/05	3859.08	57.50	57.74	0.24	3801.54
MW - 1	10/28/05	3859.08	57.55	57.95	0.40	3801.47
MW - 1	11/16/05	3859.08	57.51	60.01	2.50	3801.20
MW - 1	12/13/05	3859.08	57.67	58.31	0.64	3801.31
MW - 1	12/29/05	3859.08	57.70	58.40	0.70	3801.28
MW - 1	01/13/06	3859.08	57.73	58.51	0.78	3801.23
MW - 1	01/27/06	3859.08	57.80	58.35	0.55	3801.20
MW - 1	02/24/06	3859.08	57.83	58.60	0.77	3801.13
MW - 1	03/08/06	3859.08	57.86	58.51	0.65	3801.12
MW - 1	03/15/06	3859.08	57.80	58.71	0.91	3801.14
MW - 1	03/24/06	3859.08	57.80	58.64	0.84	3801.15
MW - 1	03/31/06	3859.08	57.85	58.85	1.00	3801.08
MW - 1	05/04/06	3859.08	57.93	58.69	0.76	3801.04
MW - 1	05/09/06	3859.08	58.01	58.21	0.20	3801.04
MW - 1	05/10/06	3859.08	58.03	58.12	0.09	3801.04
MW - 1	05/15/06	3859.08	58.08	58.17	0.09	3800.99
MW - 1	05/17/06	3859.08	58.05	58.11	0.06	3801.02
MW - 1	05/24/06	3859.08	58.09	58.11	0.02	3800.99
MW - 1	05/31/06	3859.08	58.07	58.23	0.16	3800.99
MW - 1	06/02/06	3859.08	58.08	58.13	0.05	3800.99
MW - 1	06/05/06	3859.08	58.08	58.17	0.09	3800.99
MW - 1	06/12/06	3859.08	58.08	58.26	0.18	3800.97
MW - 1	06/14/06	3859.08	58.09	58.18	0.09	3800.98
MW - 1	06/15/06	3859.08	58.10	58.21	0.11	3800.96
MW - 1	06/19/06	3859.08	58.10	58.23	0.13	3800.96
MW - 1	07/10/06	3859.08	58.11	58.44	0.33	3800.92
MW - 1	07/12/06	3859.08	58.14	58.29	0.15	3800.92
MW - 1	07/14/06	3859.08	58.12	58.38	0.26	3800.92
MW - 1	07/20/06	3859.08	58.02	58.33	0.31	3801.01
MW - 1	07/31/06	3859.08	58.16	58.46	0.30	3800.88
MW - 1	08/08/06	3859.08	58.20	58.48	0.28	3800.84
MW - 1	08/10/06	3859.08	58.17	58.44	0.27	3800.87

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	08/17/06	3859.08	58.21	58.59	0.38	3800.81
MW - 1	08/21/06	3859.08	58.39	58.86	0.47	3800.62
MW - 1	08/23/06	3859.08	58.20	58.38	0.18	3800.85
MW - 1	09/13/06	3859.08	58.19	58.61	0.42	3800.83
MW - 1	09/18/06	3859.08	58.17	58.69	0.52	3800.83
MW - 1	10/03/06	3859.08	58.20	58.40	0.20	3800.85
MW - 1	10/04/06	3859.08	58.28	58.56	0.28	3800.76
MW - 1	10/06/06	3859.08	58.25	58.72	0.47	3800.76
MW - 1	10/10/06	3859.08	58.26	58.59	0.33	3800.77
MW - 1	10/11/06	3859.08	58.25	58.56	0.31	3800.78
MW - 1	10/20/06	3859.08	58.27	58.50	0.23	3800.78
MW - 1	10/26/06	3859.08	58.28	58.58	0.30	3800.76
MW - 1	10/30/06	3859.08	58.29	58.55	0.26	3800.75
MW - 1	11/06/06	3859.08	58.29	58.55	0.26	3800.75
MW - 1	11/07/06	3859.08	58.29	58.40	0.11	3800.77
MW - 1	11/09/06	3859.08	58.30	58.31	0.01	3800.78
MW - 1	11/17/06	3859.08	58.32	58.43	0.11	3800.74
MW - 1	11/20/06	3859.08	58.30	58.44	0.14	3800.76
MW - 1	11/22/06	3859.08	58.31	58.45	0.14	3800.75
MW - 1	11/27/06	3859.08	58.28	58.48	0.20	3800.77
MW - 1	11/29/06	3859.08	58.31	58.48	0.17	3800.74
MW - 1	12/01/06	3859.08	58.34	58.46	0.12	3800.72
MW - 1	12/04/06	3859.08	58.35	58.50	0.15	3800.71
MW - 1	12/06/06	3859.08	58.33	58.47	0.14	3800.73
MW - 1	12/08/06	3859.08	58.33	58.47	0.14	3800.73
MW - 1	12/13/06	3859.08	58.32	58.57	0.25	3800.72
MW - 1	12/18/06	3859.08	58.34	58.60	0.26	3800.70
MW - 1	01/10/07	3859.08	58.25	58.93	0.68	3800.73
MW - 1	02/06/07	3859.08	58.34	58.90	0.56	3800.66
MW - 1	02/13/07	3859.08	58.35	58.84	0.49	3800.66
MW - 1	02/28/07	3859.08	58.33	58.68	0.35	3800.70
MW - 1	03/01/07	3859.08	58.41	58.68	0.27	3800.63
MW - 1	03/06/07	3859.08	58.35	58.69	0.34	3800.68
MW - 1	03/14/07	3859.08	58.34	58.75	0.41	3800.68
MW - 1	04/04/07	3859.08	58.39	58.82	0.43	3800.63
MW - 1	04/16/07	3859.08	58.37	58.96	0.59	3800.62
MW - 1	04/24/07	3859.08	58.38	58.83	0.45	3800.63
MW - 1	05/01/07	3859.08	58.41	58.75	0.34	3800.62
MW - 1	05/16/07	3859.08	58.38	59.02	0.64	3800.60
MW - 1	05/21/07	3859.08	58.36	59.14	0.78	3800.60
MW - 1	05/24/07	3859.08	58.40	58.90	0.50	3800.61
MW - 1	05/29/07	3859.08	58.38	59.09	0.71	3800.59

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	06/05/07	3859.08	58.39	58.98	0.59	3800.60
MW - 1	06/12/07	3859.08	58.43	58.98	0.55	3800.57
MW - 1	06/18/07	3859.08	58.43	58.90	0.47	3800.58
MW - 1	06/29/07	3859.08	58.41	58.96	0.55	3800.59
MW - 1	07/03/07	3859.08	58.44	58.81	0.37	3800.58
MW - 1	07/10/07	3859.08	58.45	58.83	0.38	3800.57
MW - 1	07/18/07	3859.08	58.44	58.84	0.40	3800.58
MW - 1	07/30/07	3859.08	58.47	58.90	0.43	3800.55
MW - 1	08/06/07	3859.08	58.48	58.88	0.40	3800.54
MW - 1	08/13/07	3859.08	58.49	58.88	0.39	3800.53
MW - 1	08/23/07	3859.08	58.48	59.04	0.56	3800.52
MW - 1	08/31/07	3859.08	58.44	59.27	0.83	3800.52
MW - 1	09/17/07	3859.08	58.50	59.04	0.54	3800.50
MW - 1	09/28/07	3859.08	58.49	59.15	0.66	3800.49
MW - 1	10/12/07	3859.08	58.48	59.31	0.83	3800.48
MW - 1	11/08/07	3859.08	58.46	59.68	1.22	3800.44
MW - 1	11/09/07	3859.08	58.46	59.71	1.25	3800.43
MW - 1	12/13/07	3859.08	58.41	59.96	1.55	3800.44
MW - 1	01/10/08	3859.08	58.51	59.63	1.12	3800.40
MW - 1	01/16/08	3859.08	58.60	59.21	0.61	3800.39
MW - 1	01/22/08	3859.08	58.56	59.38	0.82	3800.40
MW - 1	02/07/08	3859.08	58.65	59.21	0.56	3800.35
MW - 1	02/12/08	3859.08	58.69	59.10	0.41	3800.33
MW - 1	02/20/08	3859.08	58.63	59.11	0.48	3800.38
MW - 1	02/27/08	3859.08	58.69	59.11	0.42	3800.33
MW - 1	03/04/08	3859.08	58.66	59.11	0.45	3800.35
MW - 1	03/23/08	3859.08	58.61	59.41	0.80	3800.35
MW - 1	04/09/08	3859.08	58.66	59.49	0.83	3800.30
MW - 1	04/18/08	3859.08	58.68	59.40	0.72	3800.29
MW - 1	04/25/08	3859.08	58.73	59.30	0.57	3800.26
MW - 1	04/30/08	3859.08	58.71	59.21	0.50	3800.30
MW - 1	05/16/08	3859.08	58.66	59.62	0.96	3800.28
MW - 1	05/16/08	3859.08	sheen	60.56	0.00	3798.52
MW - 1	06/03/08	3859.08	58.76	59.23	0.47	3800.25
MW - 1	06/11/08	3859.08	58.74	59.29	0.55	3800.26
MW - 1	06/11/08	3859.08	58.74	59.33	0.59	3800.25
MW - 1	06/18/08	3859.08	58.77	59.33	0.56	3800.23
MW - 1	06/25/08	3859.08	58.76	59.31	0.55	3800.24
MW - 1	07/01/08	3859.08	58.80	59.23	0.43	3800.22
MW - 1	07/09/08	3859.08	58.79	59.35	0.56	3800.21
MW - 1	07/15/08	3859.08	58.80	59.25	0.45	3800.21
MW - 1	07/23/08	3859.08	58.78	59.39	0.61	3800.21

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

TNM SPS - 11
 PLAINS MARKETING, L.P.
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	08/13/08	3859.08	58.73	59.90	1.17	3800.17
MW - 1	09/09/08	3859.08	58.73	60.01	1.28	3800.16
MW - 1	09/11/08	3859.08	58.70	60.07	1.37	3800.17
MW - 1	09/22/08	3859.08	58.80	59.59	0.79	3800.16
MW - 1	10/01/08	3859.08	58.84	59.56	0.72	3800.13
MW - 1	10/16/08	3859.08	58.89	59.42	0.53	3800.11
MW - 1	10/23/08	3859.08	58.88	59.40	0.52	3800.12
MW - 1	10/30/08	3859.08	58.91	59.45	0.54	3800.09
MW - 1	11/04/08	3859.08	58.90	59.31	0.41	3800.12
MW - 1	11/25/08	3859.08	58.80	60.08	1.28	3800.09
MW - 1	11/25/08	3859.08	60.04	60.08	0.04	3799.03
MW - 1	12/11/08	3859.08	58.88	60.02	1.14	3800.03
MW - 1	01/02/09	3859.08	58.75	60.73	1.98	3800.03
MW - 1	01/08/09	3859.08	58.95	59.66	0.71	3800.02
MW - 1	01/14/09	3859.08	59.02	59.61	0.59	3799.97
MW - 1	02/12/09	3859.08	58.62	60.60	1.98	3800.16
MW - 1	02/19/09	3859.08	58.81	60.81	2.00	3799.97
MW - 1	02/26/09	3859.08	58.96	59.67	0.71	3800.01
MW - 1	03/04/09	3859.08	58.92	60.00	1.08	3800.00
MW - 1	03/16/09	3859.08	59.06	60.04	0.98	3799.87
MW - 1	03/19/09	3859.08	58.85	60.57	1.72	3799.97
MW - 1	03/24/09	3859.08	58.82	60.79	1.97	3799.96
MW - 1	04/08/09	3859.08	59.05	60.06	1.01	3799.88
MW - 1	04/15/09	3859.08	58.89	60.47	1.58	3799.95
MW - 1	04/17/09	3859.08	59.04	60.04	1.00	3799.89
MW - 1	04/21/09	3859.08	59.02	60.01	0.99	3799.91
MW - 1	04/29/09	3859.08	58.94	60.24	1.30	3799.95
MW - 1	05/06/09	3859.08	59.03	59.77	0.74	3799.94
MW - 1	05/20/09	3859.08	59.00	60.15	1.15	3799.91
MW - 1	05/22/09	3859.08	59.11	59.54	0.43	3799.91
MW - 1	05/27/09	3859.08	59.02	59.97	0.95	3799.92
MW - 1	06/01/09	3859.08	59.00	60.16	1.16	3799.91
MW - 1	06/09/09	3859.08	59.08	59.81	0.73	3799.89
MW - 1	06/17/09	3859.08	59.02	60.05	1.03	3799.91
MW - 1	06/23/09	3859.08	59.04	60.02	0.98	3799.89
MW - 1	06/30/09	3859.08	58.91	60.62	1.71	3799.91
MW - 1	07/10/09	3859.08	59.02	60.01	0.99	3799.91
MW - 1	07/13/09	3859.08	59.08	59.53	0.45	3799.93
MW - 1	07/17/09	3859.08	59.00	60.01	1.01	3799.93
MW - 1	07/24/09	3859.08	59.01	59.91	0.90	3799.94
MW - 1	07/28/09	3859.08	59.08	59.54	0.46	3799.93
MW - 1	08/04/09	3859.08	59.00	59.91	0.91	3799.94

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	08/12/09	3859.08	59.02	59.94	0.92	3799.92
MW - 1	08/18/09	3859.08	59.05	59.79	0.74	3799.92
MW - 1	08/20/09	3859.08	59.03	59.84	0.81	3799.93
MW - 1	08/26/09	3859.08	59.04	59.95	0.91	3799.90
MW - 1	09/02/09	3859.08	59.02	59.86	0.84	3799.93
MW - 1	09/09/09	3859.08	59.05	59.73	0.68	3799.93
MW - 1	09/14/09	3859.08	59.08	59.63	0.55	3799.92
MW - 1	09/21/09	3859.08	59.09	59.69	0.60	3799.90
MW - 1	10/01/09	3859.08	59.06	59.94	0.88	3799.89
MW - 1	10/08/09	3859.08	59.04	59.81	0.77	3799.92
MW - 1	10/14/09	3859.08	59.10	59.68	0.58	3799.89
MW - 1	10/21/09	3859.08	59.01	60.53	1.52	3799.84
MW - 1	10/28/09	3859.08	59.08	59.97	0.89	3799.87
MW - 1	10/29/09	3859.08	59.17	59.47	0.30	3799.87
MW - 1	11/04/09	3859.08	59.12	59.70	0.58	3799.87
MW - 1	11/11/09	3859.08	59.15	59.85	0.70	3799.83
MW - 1	11/18/09	3859.08	59.14	59.85	0.71	3799.83
MW - 1	12/02/09	3859.08	59.10	60.25	1.15	3799.81
MW - 1	12/10/09	3859.08	59.20	59.85	0.65	3799.78
MW - 1	12/18/09	3859.08	59.16	60.05	0.89	3799.79
MW - 1	12/23/09	3859.08	59.20	59.78	0.58	3799.79
MW - 1	12/30/09	3859.08	59.25	59.92	0.67	3799.73
MW - 1	01/06/10	3859.08	59.20	59.85	0.65	3799.78
MW - 1	01/19/10	3859.08	59.21	59.83	0.62	3799.78
MW - 1	02/02/10	3859.08	59.05	60.94	1.89	3799.75
MW - 1	02/19/10	3859.08	59.18	60.90	1.72	3799.64
MW - 1	02/22/10	3859.08	59.31	59.96	0.65	3799.67
MW - 1	03/02/10	3859.08	59.24	60.49	1.25	3799.65
MW - 1	03/09/10	3859.08	59.33	60.05	0.72	3799.64
MW - 1	03/11/10	3859.08	59.36	60.03	0.67	3799.62
MW - 1	03/16/10	3859.08	59.08	60.92	1.84	3799.72
MW - 1	03/18/10	3859.08	59.22	60.00	0.78	3799.74
MW - 1	03/24/10	3859.08	59.34	60.03	0.69	3799.64
MW - 1	03/31/10	3859.08	59.34	59.99	0.65	3799.64
MW - 1	04/08/10	3859.08	59.07	60.90	1.83	3799.74
MW - 1	04/15/10	3859.08	59.09	60.89	1.80	3799.72
MW - 1	04/28/10	3859.08	59.12	60.63	1.51	3799.73
MW - 1	05/06/10	3859.08	59.10	60.65	1.55	3799.75
MW - 1	05/13/10	3859.08	59.13	60.60	1.47	3799.73
MW - 1	05/19/10	3859.08	59.11	60.58	1.47	3799.75
MW - 1	05/27/10	3859.08	59.09	61.08	1.99	3799.69
MW - 1	06/04/10	3859.08	59.28	60.13	0.85	3799.67

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	07/02/10	3859.08	59.19	60.88	1.69	3799.64
MW - 1	07/09/10	3859.08	59.06	60.96	1.90	3799.74
MW - 1	07/14/10	3859.08	58.95	59.67	0.72	3800.02
MW - 1	07/22/10	3859.08	58.82	59.67	0.85	3800.13
MW - 1	07/29/10	3859.08	58.78	59.81	1.03	3800.15
MW - 1	08/05/10	3859.08	58.74	60.17	1.43	3800.13
MW - 1	08/12/10	3859.08	58.80	59.82	1.02	3800.13
MW - 1	08/18/10	3859.08	58.82	59.82	1.00	3800.11
MW - 1	08/26/10	3859.08	58.82	59.92	1.10	3800.10
MW - 1	09/02/10	3859.08	58.75	60.46	1.71	3800.07
MW - 1	09/08/10	3859.08	58.83	59.91	1.08	3800.09
MW - 1	09/30/10	3859.08	58.91	60.27	1.36	3799.97
MW - 1	10/07/10	3859.08	58.93	60.25	1.32	3799.95
MW - 1	10/14/10	3859.08	58.95	60.23	1.28	3799.94
MW - 1	10/21/10	3859.08	58.93	60.26	1.33	3799.95
MW - 1	11/04/10	3859.08	58.75	60.94	2.19	3800.00
MW - 1	11/11/10	3859.08	58.73	62.10	3.37	3799.84
MW - 1	11/30/10	3859.08	58.94	60.24	1.30	3799.95
MW - 1	12/08/10	3859.08	58.84	60.63	1.79	3799.97
MW - 1	12/16/10	3859.08	58.76	60.59	1.83	3800.05
MW - 1	12/22/10	3859.08	59.41	61.13	1.72	3799.41
MW - 1	01/13/11	3859.08	58.76	60.37	1.61	3800.08
MW - 1	01/27/11	3859.08	58.97	61.30	2.33	3799.76
MW - 1	03/08/11	3859.08	58.80	60.27	1.47	3800.06
MW - 1	04/28/11	3859.08	58.66	64.08	5.42	3799.61
MW - 1	05/11/11	3859.08	58.58	63.97	5.39	3799.69
MW - 1	05/18/11	3859.08	58.60	64.02	5.42	3799.67
MW - 1	05/23/11	3859.08	58.70	64.05	5.35	3799.58
MW - 1	05/26/11	3859.08	58.70	64.05	5.35	3799.58
MW - 1	06/02/11	3859.08	58.66	64.40	5.74	3799.56
MW - 1	06/08/11	3859.08	59.23	64.30	5.07	3799.09
MW - 1	06/16/11	3859.08	58.91	64.19	5.28	3799.38
MW - 1	06/22/11	3859.08	58.90	64.31	5.41	3799.37
MW - 1	06/30/11	3859.08	59.00	63.88	4.88	3799.35
MW - 1	07/06/11	3859.08	59.34	63.70	4.36	3799.09
MW - 1	07/13/11	3859.08	59.28	62.80	3.52	3799.27
MW - 1	07/19/11	3859.08	59.39	61.44	2.05	3799.38
MW - 1	07/26/11	3859.08	59.31	60.91	1.60	3799.53
MW - 1	08/12/11	3859.08	59.27	61.38	2.11	3799.49
MW - 1	08/16/11	3859.08	59.39	60.55	1.16	3799.52
MW - 1	08/19/11	3859.08	59.39	60.99	1.60	3799.45
MW - 1	08/23/11	3859.08	59.41	60.52	1.11	3799.50

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	09/06/11	3859.08	59.42	62.49	3.07	3799.20
MW - 1	09/13/11	3859.08	59.43	60.81	1.38	3799.44
MW - 1	10/13/11	3859.08	59.41	60.82	1.41	3799.46
MW - 1	11/15/11	3859.08	59.38	61.45	2.07	3799.39
MW - 1	11/30/11	3859.08	59.31	61.92	2.61	3799.38
MW - 1	01/24/12	3859.08	59.59	62.55	2.96	3799.05
MW - 1	01/31/12	3859.08	59.55	61.06	1.51	3799.30
MW - 1	02/08/12	3859.08	59.50	60.79	1.29	3799.39
MW - 1	02/29/12	3859.08	59.53	61.55	2.02	3799.25
MW - 1	03/09/12	3859.08	59.74	60.60	0.86	3799.21
MW - 1	03/16/12	3859.08	59.68	60.86	1.18	3799.22
MW - 1	03/21/12	3859.08	59.79	60.42	0.63	3799.20
MW - 1	03/28/12	3859.08	59.79	60.53	0.74	3799.18
MW - 1	04/04/12	3859.08	59.75	60.55	0.80	3799.21
MW - 1	04/11/12	3859.08	59.77	60.64	0.87	3799.18
MW - 1	04/18/12	3859.08	59.78	60.62	0.84	3799.17
MW - 1	04/25/12	3859.08	59.78	60.60	0.82	3799.18
MW - 1	05/01/12	3859.08	59.77	60.73	0.96	3799.17
MW - 1	05/09/12	3859.08	59.78	60.60	0.82	3799.18
MW - 1	06/07/12	3859.08	59.60	61.85	2.25	3799.14
MW - 1	06/20/12	3859.08	59.55	62.44	2.89	3799.10
MW - 1	06/27/12	3859.08	59.65	61.90	2.25	3799.09
MW - 1	07/11/12	3859.08	59.62	62.96	3.34	3798.96
MW - 1	08/10/12	3859.08	60.12	61.08	0.96	3798.82
MW - 1	09/06/12	3859.08	59.39	64.05	4.66	3798.99
MW - 1	10/04/12	3859.08	59.65	63.29	3.64	3798.88
MW - 1	10/12/12	3859.08	59.98	61.16	1.18	3798.92
MW - 1	10/18/12	3859.08	59.96	61.46	1.50	3798.90
MW - 1	10/25/12	3859.08	60.08	60.73	0.65	3798.90
MW - 1	10/31/12	3859.08	60.04	60.83	0.79	3798.92
MW - 1	11/15/12	3859.08	60.13	60.43	0.30	3798.91
MW - 1	11/27/12	3859.08	60.10	60.81	0.71	3798.87
MW - 1	12/19/12	3859.08	60.02	61.45	1.43	3798.85
MW - 1	01/17/13	3859.08	59.92	62.16	2.24	3798.82
MW - 1	01/31/13	3859.08	59.89	62.41	2.52	3798.81
MW - 1	02/21/13	3859.08	59.88	62.69	2.81	3798.78
MW - 1	03/05/13	3859.08	59.86	62.94	3.08	3798.76
MW - 1	03/21/13	3859.08	59.89	62.64	2.75	3798.78
MW - 1	04/04/13	3859.08	59.92	62.76	2.84	3798.73
MW - 1	04/11/13	3859.08	60.29	60.57	0.28	3798.75
MW - 1	04/18/13	3859.08	60.30	60.67	0.37	3798.72
MW - 1	04/25/13	3859.08	60.26	60.82	0.56	3798.74

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	05/01/13	3859.08	60.26	60.89	0.63	3798.73
MW - 1	05/10/13	3859.08	60.26	60.91	0.65	3798.72
MW - 1	05/15/13	3859.08	60.24	60.81	0.57	3798.75
MW - 1	05/24/13	3859.08	60.23	61.28	1.05	3798.69
MW - 1	05/30/13	3859.08	60.29	60.90	0.61	3798.70
MW - 1	06/06/13	3859.08	60.30	60.89	0.59	3798.69
MW - 1	06/14/13	3859.08	60.29	60.98	0.69	3798.69
MW - 1	06/20/13	3859.08	60.35	60.70	0.35	3798.68
MW - 1	06/27/13	3859.08	60.32	60.68	0.36	3798.71
MW - 1	07/03/13	3859.08	60.34	60.84	0.50	3798.67
MW - 1	07/10/13	3859.08	60.37	60.73	0.36	3798.66
MW - 1	07/25/13	3859.08	60.35	60.91	0.56	3798.65
MW - 1	07/31/13	3859.08	60.54	60.63	0.09	3798.53
MW - 1	08/20/13	3859.08	60.38	60.81	0.43	3798.64
MW - 1	08/29/13	3859.08	60.32	61.02	0.70	3798.66
MW - 1	09/09/13	3859.08	60.33	61.31	0.98	3798.60
MW - 1	09/18/13	3859.08	60.34	61.21	0.87	3798.61
MW - 1	09/27/13	3859.08	60.36	61.12	0.76	3798.61
MW - 1	10/02/13	3859.08	60.39	61.09	0.70	3798.59
MW - 1	10/08/13	3859.08	60.38	60.95	0.57	3798.61
MW - 1	10/16/13	3859.08	60.38	61.01	0.63	3798.61
MW - 1	10/24/13	3859.08	60.34	61.18	0.84	3798.61
MW - 1	10/31/13	3859.08	60.38	61.05	0.67	3798.60
MW - 1	11/11/13	3859.08	60.40	61.10	0.70	3798.58
MW - 1	12/11/13	3859.08	60.43	61.30	0.87	3798.52
MW - 1	12/17/13	3859.08	60.40	61.46	1.06	3798.52
MW - 1	01/09/14	3859.08	60.43	61.28	0.85	3798.52
MW - 1	01/15/14	3859.08	60.45	61.22	0.77	3798.51
MW - 1	01/22/14	3859.08	60.44	61.40	0.96	3798.50
MW - 1	01/29/14	3859.08	60.39	61.36	0.97	3798.54
MW - 1	02/20/14	3859.08	60.34	61.85	1.51	3798.51
MW - 1	03/04/14	3859.08	60.34	62.16	1.82	3798.47
MW - 1	03/11/14	3859.08	60.35	62.30	1.95	3798.44
MW - 1	03/18/14	3859.08	60.31	62.45	2.14	3798.45
MW - 1	03/29/14	3859.08	60.36	62.19	1.83	3798.45
MW - 1	04/01/14	3859.08	60.56	61.11	0.55	3798.44
MW - 1	04/08/14	3859.08	60.54	61.15	0.61	3798.45
MW - 1	04/18/14	3859.08	60.54	61.23	0.69	3798.44
MW - 1	04/23/14	3859.08	60.58	61.10	0.52	3798.42
MW - 1	05/05/14	3859.08	60.56	61.14	0.58	3798.43
MW - 1	05/16/14	3859.08	60.59	61.25	0.66	3798.39
MW - 1	05/20/14	3859.08	60.62	61.08	0.46	3798.39

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	05/30/14	3859.08	60.56	61.43	0.87	3798.39
MW - 1	06/18/14	3859.08	60.52	61.80	1.28	3798.37
MW - 1	06/27/14	3859.08	60.58	61.50	0.92	3798.36
MW - 1	07/02/14	3859.08	60.60	61.43	0.83	3798.36
MW - 1	07/10/14	3859.08	60.55	61.22	0.67	3798.43
MW - 1	07/29/14	3859.08	60.60	61.65	1.05	3798.32
MW - 1	07/30/14	3859.08	60.60	61.65	1.05	3798.32
MW - 1	08/08/14	3859.08	60.54	62.05	1.51	3798.31
MW - 1	08/19/14	3859.08	60.51	62.02	1.51	3798.34
MW - 1	09/04/14	3859.08	60.51	62.55	2.04	3798.26
MW - 1	09/11/14	3859.08	60.65	61.80	1.15	3798.26
MW - 1	10/16/14	3859.08	60.49	62.20	1.71	3798.33
MW - 1	10/22/14	3859.08	60.62	61.50	0.88	3798.33
MW - 1	10/23/14	3859.08	60.60	61.50	0.90	3798.35
MW - 1	11/24/14	3859.08	60.55	62.20	1.65	3798.28
MW - 1	12/05/14	3859.08	60.54	62.52	1.98	3798.24
MW - 1	12/12/14	3859.08	61.50	62.70	1.20	3797.40
MW - 1	12/19/14	3859.08	60.66	61.78	1.12	3798.25
MW - 2	03/24/00	3860.76	-	57.55	0.00	3803.21
MW - 2	06/14/00	3860.76	-	58.05	0.00	3802.71
MW - 2	09/22/00	3860.76	-	57.04	0.00	3803.72
MW - 2	12/28/00	3860.76	-	57.32	0.00	3803.44
MW - 2	03/14/01	3860.76	-	57.41	0.00	3803.35
MW - 2	06/06/01	3860.76	-	57.58	0.00	3803.18
MW - 2	09/28/01	3860.76	-	57.68	0.00	3803.08
MW - 2	11/17/01	3860.76	-	58.00	0.00	3802.76
MW - 2	03/26/02	3860.76	-	58.20	0.00	3802.56
MW - 2	06/26/02	3860.76	-	58.12	0.00	3802.64
MW - 2	09/25/02	3860.76	-	58.28	0.00	3802.48
MW - 2	12/10/02	3860.76	-	58.30	0.00	3802.46
MW - 2	03/10/03	3860.76	-	58.36	0.00	3802.40
MW - 2	06/09/03	3860.76	-	58.46	0.00	3802.30
MW - 2	09/03/03	3860.76	-	58.57	0.00	3802.19
MW - 2	12/08/03	3860.76	-	58.55	0.00	3802.21
MW - 2	03/01/04	3860.76	-	58.80	0.00	3801.96
MW - 2	05/19/04	3860.76	-	58.54	0.00	3802.22
MW - 2	08/26/04	3860.76	-	59.05	0.00	3801.71
MW - 2	12/09/04	3860.76	-	57.16	0.00	3803.60
MW - 2	03/17/05	3860.76	-	57.51	0.00	3803.25
MW - 2	06/15/05	3860.76	-	57.86	0.00	3802.90
MW - 2	09/14/05	3860.76	-	58.11	0.00	3802.65

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

TNM SPS - 11
 PLAINS MARKETING, L.P.
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2	12/13/05	3860.76	-	58.36	0.00	3802.40
MW - 2	03/15/06	3860.76	-	58.59	0.00	3802.17
MW - 2	06/14/06	3860.76	-	58.81	0.00	3801.95
MW - 2	09/13/06	3860.76	-	59.04	0.00	3801.72
MW - 2	12/05/06	3860.76	-	59.00	0.00	3801.76
MW - 2	03/01/07	3860.76	-	59.24	0.00	3801.52
MW - 2	05/24/07	3860.76	-	59.36	0.00	3801.40
MW - 2	08/23/07	3860.76	-	59.39	0.00	3801.37
MW - 2	11/08/07	3860.76	-	59.32	0.00	3801.44
MW - 2	03/04/08	3860.76	-	59.61	0.00	3801.15
MW - 2	06/11/08	3860.76	-	59.71	0.00	3801.05
MW - 2	09/09/08	3860.76	-	59.03	0.00	3801.73
MW - 2	12/11/08	3860.76	-	59.76	0.00	3801.00
MW - 2	02/27/09	3860.76	-	60.11	0.00	3800.65
MW - 2	05/21/09	3860.76	-	60.11	0.00	3800.65
MW - 2	08/18/09	3860.76	-	60.02	0.00	3800.74
MW - 2	12/09/09	3860.76	-	59.96	0.00	3800.80
MW - 2	01/06/10	3860.76	-	59.94	0.00	3800.82
MW - 2	02/22/10	3860.76	-	60.04	0.00	3800.72
MW - 2	06/04/10	3860.76	-	60.34	0.00	3800.42
MW - 2	08/26/10	3860.76	-	60.34	0.00	3800.42
MW - 2	11/30/10	3860.76	-	59.97	0.00	3800.79
MW - 2	03/08/11	3860.76	-	59.96	0.00	3800.80
MW - 2	05/26/11	3860.76	-	59.95	0.00	3800.81
MW - 2	08/18/11	3860.76	-	60.32	0.00	3800.44
MW - 2	11/15/11	3860.76	-	60.38	0.00	3800.38
MW - 2	02/29/12	3860.76	-	60.58	0.00	3800.18
MW - 2	05/01/12	3860.76	-	60.62	0.00	3800.14
MW - 2	08/10/12	3860.76	-	60.98	0.00	3799.78
MW - 2	11/28/12	3860.76	-	60.91	0.00	3799.85
MW - 2	02/21/13	3860.76	-	60.99	0.00	3799.77
MW - 2	05/15/13	3860.76	-	61.07	0.00	3799.69
MW - 2	08/20/13	3860.76	-	61.16	0.00	3799.60
MW - 2	11/11/13	3860.76	-	61.24	0.00	3799.52
MW - 2	02/19/14	3860.76	-	61.32	0.00	3799.44
MW - 2	05/20/14	3860.76	-	61.40	0.00	3799.36
MW - 2	07/29/14	3860.76	-	61.68	0.00	3799.08
MW - 2	08/19/14	3860.76	-	61.64	0.00	3799.12
MW - 2	10/30/14	3860.76	-	61.59	0.00	3799.17
MW - 2	11/24/14	3860.76	-	61.64	0.00	3799.12
MW - 3	03/24/00	3861.15	-	57.98	0.00	3803.17

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 3	06/14/00	3861.15	-	58.50	0.00	3802.65
MW - 3	09/22/00	3861.15	-	57.48	0.00	3803.67
MW - 3	12/28/00	3861.15	-	57.74	0.00	3803.41
MW - 3	03/14/01	3861.15	-	57.85	0.00	3803.30
MW - 3	06/06/01	3861.15	-	58.00	0.00	3803.15
MW - 3	09/28/01	3861.15	-	58.13	0.00	3803.02
MW - 3	11/17/01	3861.15	-	58.46	0.00	3802.69
MW - 3	03/26/02	3861.15	-	58.65	0.00	3802.50
MW - 3	06/26/02	3861.15	-	58.55	0.00	3802.60
MW - 3	09/25/02	3861.15	-	58.71	0.00	3802.44
MW - 3	12/10/02	3861.15	-	58.75	0.00	3802.40
MW - 3	03/10/03	3861.15	-	58.81	0.00	3802.34
MW - 3	06/09/03	3861.15	-	58.91	0.00	3802.24
MW - 3	09/03/03	3861.15	-	59.01	0.00	3802.14
MW - 3	12/08/03	3861.15	-	59.10	0.00	3802.05
MW - 3	03/01/04	3861.15	-	59.25	0.00	3801.90
MW - 3	05/19/04	3861.15	-	59.00	0.00	3802.15
MW - 3	08/26/04	3861.15	-	57.29	0.00	3803.86
MW - 3	12/09/04	3861.15	-	57.63	0.00	3803.52
MW - 3	03/17/05	3861.15	-	57.97	0.00	3803.18
MW - 3	06/15/05	3861.15	-	58.31	0.00	3802.84
MW - 3	09/14/05	3861.15	-	58.56	0.00	3802.59
MW - 3	12/13/05	3861.15	-	58.80	0.00	3802.35
MW - 3	03/15/06	3861.15	-	59.04	0.00	3802.11
MW - 3	06/14/06	3861.15	-	59.24	0.00	3801.91
MW - 3	09/13/06	3861.15	-	59.37	0.00	3801.78
MW - 3	12/05/06	3861.15	-	59.42	0.00	3801.73
MW - 3	03/01/07	3861.15	-	59.52	0.00	3801.63
MW - 3	05/24/07	3861.15	-	59.63	0.00	3801.52
MW - 3	08/24/07	3861.15	-	59.68	0.00	3801.47
MW - 3	11/08/07	3861.15	-	59.76	0.00	3801.39
MW - 3	03/04/08	3861.15	-	59.86	0.00	3801.29
MW - 3	06/11/08	3861.15	-	59.93	0.00	3801.22
MW - 3	09/09/08	3861.15	-	60.06	0.00	3801.09
MW - 3	12/11/08	3861.15	-	61.13	0.00	3800.02
MW - 3	02/27/09	3861.15	-	60.24	0.00	3800.91
MW - 3	05/21/09	3861.15	-	60.32	0.00	3800.83
MW - 3	08/18/09	3861.15	-	60.23	0.00	3800.92
MW - 3	12/09/09	3861.15	-	60.38	0.00	3800.77
MW - 3	01/06/10	3861.15	-	60.39	0.00	3800.76
MW - 3	02/22/10	3861.15	-	60.44	0.00	3800.71
MW - 3	06/04/10	3861.15	-	60.56	0.00	3800.59

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 3	08/26/10	3861.15	-	60.58	0.00	3800.57
MW - 3	11/30/10	3861.15	-	60.40	0.00	3800.75
MW - 3	03/08/11	3861.15	-	60.39	0.00	3800.76
MW - 3	05/26/11	3861.15	-	60.38	0.00	3800.77
MW - 3	07/06/11	3861.15	-	60.71	0.00	3800.44
MW - 3	07/13/11	3861.15	-	60.72	0.00	3800.43
MW - 3	07/19/11	3861.15	-	60.68	0.00	3800.47
MW - 3	07/26/11	3861.15	-	60.67	0.00	3800.48
MW - 3	08/12/11	3861.15	-	60.72	0.00	3800.43
MW - 3	08/16/11	3861.15	-	60.75	0.00	3800.40
MW - 3	08/18/11	3861.15	-	60.75	0.00	3800.40
MW - 3	08/23/11	3861.15	-	60.73	0.00	3800.42
MW - 3	11/15/11	3861.15	-	60.81	0.00	3800.34
MW - 3	02/29/12	3861.15	-	61.00	0.00	3800.15
MW - 3	05/01/12	3861.15	-	61.05	0.00	3800.10
MW - 3	08/10/12	3861.15	-	61.41	0.00	3799.74
MW - 3	11/28/12	3861.15	-	61.33	0.00	3799.82
MW - 3	02/21/13	3861.15	-	61.42	0.00	3799.73
MW - 3	05/15/13	3861.15	-	61.50	0.00	3799.65
MW - 3	08/20/13	3861.15	-	61.58	0.00	3799.57
MW - 3	11/11/13	3861.15	-	61.69	0.00	3799.46
MW - 3	02/19/14	3861.15	-	61.75	0.00	3799.40
MW - 3	05/20/14	3861.15	-	61.83	0.00	3799.32
MW - 3	07/29/14	3861.15	-	61.90	0.00	3799.25
MW - 3	08/19/14	3861.15	-	61.89	0.00	3799.26
MW - 3	10/30/14	3862.15	-	61.86	0.00	3800.29
MW - 3	11/24/14	3862.15	-	61.89	0.00	3800.26
MW - 4	03/24/00	3859.62	-	57.03	0.00	3802.59
MW - 4	06/14/00	3859.62	-	57.57	0.00	3802.05
MW - 4	09/22/00	3859.62	-	56.64	0.00	3802.98
MW - 4	12/28/00	3859.62	-	56.86	0.00	3802.76
MW - 4	03/14/01	3859.62	-	56.96	0.00	3802.66
MW - 4	06/06/01	3859.62	-	57.12	0.00	3802.50
MW - 4	09/28/01	3859.62	-	57.23	0.00	3802.39
MW - 4	11/17/01	3859.62	-	58.04	0.00	3801.58
MW - 4	03/26/02	3859.62	-	57.69	0.00	3801.93
MW - 4	06/26/02	3859.62	-	57.60	0.00	3802.02
MW - 4	09/25/02	3859.62	-	57.77	0.00	3801.85
MW - 4	12/10/02	3859.62	-	57.79	0.00	3801.83
MW - 4	03/10/03	3859.62	-	57.87	0.00	3801.75
MW - 4	06/09/03	3859.62	-	58.00	0.00	3801.62

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	09/03/03	3859.62	-	58.06	0.00	3801.56
MW - 4	12/08/03	3859.62	-	58.16	0.00	3801.46
MW - 4	03/01/04	3859.62	-	58.29	0.00	3801.33
MW - 4	05/19/04	3859.62	-	58.13	0.00	3801.49
MW - 4	08/26/04	3859.62	-	58.38	0.00	3801.24
MW - 4	12/09/04	3859.62	-	56.91	0.00	3802.71
MW - 4	03/17/05	3859.62	-	57.09	0.00	3802.53
MW - 4	06/15/05	3859.62	-	57.36	0.00	3802.26
MW - 4	09/14/05	3859.62	-	57.64	0.00	3801.98
MW - 4	12/13/05	3859.62	-	57.89	0.00	3801.73
MW - 4	03/15/06	3859.62	-	58.12	0.00	3801.50
MW - 4	06/14/06	3859.62	-	58.28	0.00	3801.34
MW - 4	09/13/06	3859.62	-	58.56	0.00	3801.06
MW - 4	12/06/06	3859.62	-	58.52	0.00	3801.10
MW - 4	03/01/07	3859.62	-	58.58	0.00	3801.04
MW - 4	05/24/07	3859.62	-	58.65	0.00	3800.97
MW - 4	08/23/07	3859.62	-	59.75	0.00	3799.87
MW - 4	11/08/07	3859.62	-	58.79	0.00	3800.83
MW - 4	03/04/08	3859.62	58.69	60.21	1.52	3800.70
MW - 4	03/13/08	3859.62	58.69	60.33	1.64	3800.68
MW - 4	03/20/08	3859.62	59.82	60.53	0.71	3799.69
MW - 4	03/23/08	3859.62	58.97	59.02	0.05	3800.64
MW - 4	04/09/08	3859.62	58.84	59.76	0.92	3800.64
MW - 4	04/18/08	3859.62	58.86	59.61	0.75	3800.65
MW - 4	04/25/08	3859.62	58.91	59.67	0.76	3800.60
MW - 4	04/30/08	3859.62	58.91	59.19	0.28	3800.67
MW - 4	05/16/08	3859.62	58.86	59.75	0.89	3800.63
MW - 4	06/03/08	3859.62	58.94	59.55	0.61	3800.59
MW - 4	06/11/08	3859.62	58.94	59.60	0.66	3800.58
MW - 4	06/11/08	3859.62	58.90	59.52	0.62	3800.63
MW - 4	06/18/08	3859.62	58.94	59.54	0.60	3800.59
MW - 4	06/25/08	3859.62	58.94	59.55	0.61	3800.59
MW - 4	07/01/08	3859.62	58.96	59.55	0.59	3800.57
MW - 4	07/09/08	3859.62	58.94	59.65	0.71	3800.57
MW - 4	07/15/08	3859.62	58.96	59.61	0.65	3800.56
MW - 4	07/16/08	3859.62	-	-	-	-
MW - 4	07/23/08	3859.62	58.94	59.72	0.78	3800.56
MW - 4	08/13/08	3859.62	58.90	60.36	1.46	3800.50
MW - 4	09/09/08	3859.62	58.88	60.44	1.56	3800.51
MW - 4	09/11/08	3859.62	58.84	60.52	1.68	3800.53
MW - 4	09/11/08	3859.62	58.84	60.52	1.68	3800.53
MW - 4	09/22/08	3859.62	58.87	60.48	1.61	3800.51

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	10/01/08	3859.62	58.93	60.23	1.30	3800.50
MW - 4	10/09/08	3859.62	58.96	59.97	1.01	3800.51
MW - 4	10/16/08	3859.62	59.03	59.93	0.90	3800.46
MW - 4	10/23/08	3859.62	59.01	59.91	0.90	3800.48
MW - 4	10/30/08	3859.62	59.03	60.04	1.01	3800.44
MW - 4	11/04/08	3859.62	59.00	59.93	0.93	3800.48
MW - 4	11/25/08	3859.62	58.92	60.74	1.82	3800.43
MW - 4	11/25/08	3859.62	59.41	59.51	0.10	3800.20
MW - 4	12/11/08	3859.62	58.94	60.64	1.70	3800.43
MW - 4	01/02/09	3859.62	58.92	61.72	2.80	3800.28
MW - 4	01/08/09	3859.62	59.07	60.41	1.34	3800.35
MW - 4	01/14/09	3859.62	59.10	60.09	0.99	3800.37
MW - 4	02/12/09	3859.62	59.23	61.21	1.98	3800.09
MW - 4	02/19/09	3859.62	59.95	61.33	1.38	3799.46
MW - 4	02/26/09	3859.62	59.15	61.15	2.00	3800.17
MW - 4	03/04/09	3859.62	60.00	61.38	1.38	3799.41
MW - 4	03/16/09	3859.62	59.98	61.29	1.31	3799.44
MW - 4	03/19/09	3859.62	58.93	61.52	2.59	3800.30
MW - 4	03/24/09	3859.62	58.94	61.61	2.67	3800.28
MW - 4	04/08/09	3859.62	59.99	61.30	1.31	3799.43
MW - 4	04/15/09	3859.62	58.96	61.39	2.43	3800.30
MW - 4	04/17/09	3859.62	59.97	61.26	1.29	3799.46
MW - 4	04/21/09	3859.62	59.95	61.23	1.28	3799.48
MW - 4	04/29/09	3859.62	59.00	61.30	2.30	3800.28
MW - 4	05/06/09	3859.62	59.48	61.38	1.90	3799.86
MW - 4	05/20/09	3859.62	59.07	61.17	2.10	3800.24
MW - 4	05/22/09	3859.62	59.23	60.28	1.05	3800.23
MW - 4	05/27/09	3859.62	59.07	61.02	1.95	3800.26
MW - 4	06/01/09	3859.62	59.16	60.59	1.43	3800.25
MW - 4	06/09/09	3859.62	59.36	60.89	1.53	3800.03
MW - 4	06/17/09	3859.62	59.03	61.12	2.09	3800.28
MW - 4	06/23/09	3859.62	59.94	61.26	1.32	3799.48
MW - 4	06/30/09	3859.62	59.06	61.06	2.00	3800.26
MW - 4	07/10/09	3859.62	59.26	61.11	1.85	3800.08
MW - 4	07/13/09	3859.62	59.15	60.26	1.11	3800.30
MW - 4	07/17/09	3859.62	59.27	61.10	1.83	3800.08
MW - 4	07/24/09	3859.62	59.05	60.90	1.85	3800.29
MW - 4	07/28/09	3859.62	59.13	60.32	1.19	3800.31
MW - 4	08/04/09	3859.62	59.03	60.90	1.87	3800.31
MW - 4	08/12/09	3859.62	59.02	60.90	1.88	3800.32
MW - 4	08/18/09	3859.62	59.20	61.45	2.25	3800.08
MW - 4	08/20/09	3859.62	59.00	61.28	2.28	3800.28

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	08/26/09	3859.62	59.05	61.00	1.95	3800.28
MW - 4	09/02/09	3859.62	59.02	61.10	2.08	3800.29
MW - 4	09/09/09	3859.62	59.10	60.75	1.65	3800.27
MW - 4	09/14/09	3859.62	59.13	60.51	1.38	3800.28
MW - 4	09/21/09	3859.62	59.12	60.69	1.57	3800.26
MW - 4	10/01/09	3859.62	59.10	60.97	1.87	3800.24
MW - 4	10/08/09	3859.62	59.39	60.05	0.66	3800.13
MW - 4	10/14/09	3859.62	59.14	60.66	1.52	3800.25
MW - 4	10/21/09	3859.62	59.08	61.45	2.37	3800.18
MW - 4	10/28/09	3859.62	59.12	61.08	1.96	3800.21
MW - 4	10/29/09	3859.62	59.29	60.35	1.06	3800.17
MW - 4	11/04/09	3859.62	59.31	60.25	0.94	3800.17
MW - 4	11/11/09	3859.62	59.19	60.75	1.56	3800.20
MW - 4	11/18/09	3859.62	59.19	60.76	1.57	3800.19
MW - 4	12/02/09	3859.62	59.13	61.25	2.12	3800.17
MW - 4	12/10/09	3859.62	59.24	61.07	1.83	3800.11
MW - 4	12/18/09	3859.62	59.20	61.14	1.94	3800.13
MW - 4	12/23/09	3859.62	59.30	60.55	1.25	3800.13
MW - 4	12/30/09	3859.62	59.34	60.81	1.47	3800.06
MW - 4	01/06/10	3859.62	59.28	60.82	1.54	3800.11
MW - 4	01/19/10	3859.62	59.26	60.82	1.56	3800.13
MW - 4	02/02/10	3859.62	59.21	61.70	2.49	3800.04
MW - 4	02/19/10	3859.62	59.25	61.84	2.59	3799.98
MW - 4	02/22/10	3859.62	59.40	61.71	2.31	3799.87
MW - 4	03/02/10	3859.62	59.25	61.89	2.64	3799.97
MW - 4	03/09/10	3859.62	59.39	61.16	1.77	3799.96
MW - 4	03/11/10	3859.62	59.41	61.09	1.68	3799.96
MW - 4	03/16/10	3859.62	59.25	61.64	2.39	3800.01
MW - 4	03/18/10	3859.62	59.28	61.12	1.84	3800.06
MW - 4	03/24/10	3859.62	59.42	61.06	1.64	3799.95
MW - 4	03/31/10	3859.62	59.40	61.05	1.65	3799.97
MW - 4	04/08/10	3859.62	59.24	61.05	1.81	3800.11
MW - 4	04/15/10	3859.62	59.25	61.06	1.81	3800.10
MW - 4	04/28/10	3859.62	59.20	61.80	2.60	3800.03
MW - 4	05/06/10	3859.62	59.24	61.82	2.58	3799.99
MW - 4	05/13/10	3859.62	59.28	61.77	2.49	3799.97
MW - 4	05/19/10	3859.62	59.30	61.75	2.45	3799.95
MW - 4	05/27/10	3859.62	59.18	62.26	3.08	3799.98
MW - 4	06/04/10	3859.62	59.27	61.71	2.44	3799.98
MW - 4	07/02/10	3859.62	59.21	62.17	2.96	3799.97
MW - 4	07/09/10	3859.62	59.17	61.50	2.33	3800.10
MW - 4	07/14/10	3859.62	58.90	60.44	1.54	3800.49

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	07/22/10	3859.62	58.79	60.47	1.68	3800.58
MW - 4	07/29/10	3859.62	58.79	60.75	1.96	3800.54
MW - 4	08/05/10	3859.62	58.75	61.10	2.35	3800.52
MW - 4	08/12/10	3859.62	58.79	60.76	1.97	3800.53
MW - 4	08/18/10	3859.62	58.85	60.73	1.88	3800.49
MW - 4	08/26/10	3859.62	58.87	60.51	1.64	3800.50
MW - 4	09/02/10	3859.62	58.89	60.98	2.09	3800.42
MW - 4	09/08/10	3859.62	58.86	60.52	1.66	3800.51
MW - 4	09/30/10	3859.62	58.96	61.63	2.67	3800.26
MW - 4	10/07/10	3859.62	58.95	61.39	2.44	3800.30
MW - 4	10/14/10	3859.62	58.96	61.37	2.41	3800.30
MW - 4	10/21/10	3859.62	58.97	61.37	2.40	3800.29
MW - 4	11/04/10	3859.62	59.26	61.42	2.16	3800.04
MW - 4	11/11/10	3859.62	58.98	62.23	3.25	3800.15
MW - 4	11/30/10	3859.62	58.96	61.38	2.42	3800.30
MW - 4	12/08/10	3859.62	58.95	60.51	1.56	3800.44
MW - 4	12/16/10	3859.62	58.91	60.72	1.81	3800.44
MW - 4	12/22/10	3859.62	58.74	60.91	2.17	3800.55
MW - 4	01/13/11	3859.62	58.94	61.48	2.54	3800.30
MW - 4	01/27/11	3859.62	58.95	61.41	2.46	3800.30
MW - 4	03/08/11	3859.62	58.90	61.43	2.53	3800.34
MW - 4	04/28/11	3859.62	59.10	63.02	3.92	3799.93
MW - 4	05/11/11	3859.62	59.13	63.15	4.02	3799.89
MW - 4	05/18/11	3859.62	59.10	63.15	4.05	3799.91
MW - 4	05/23/11	3859.62	59.01	62.81	3.80	3800.04
MW - 4	05/26/11	3859.62	59.01	62.80	3.79	3800.04
MW - 4	06/02/11	3859.62	59.15	62.97	3.82	3799.90
MW - 4	06/08/11	3859.62	59.37	61.96	2.59	3799.86
MW - 4	06/16/11	3859.62	59.23	62.20	2.97	3799.94
MW - 4	06/22/11	3859.62	59.26	62.03	2.77	3799.94
MW - 4	06/30/11	3859.62	59.25	62.75	3.50	3799.85
MW - 4	07/06/11	3859.62	59.30	62.18	2.88	3799.89
MW - 4	07/13/11	3859.62	59.35	62.40	3.05	3799.81
MW - 4	07/19/11	3859.62	59.37	62.16	2.79	3799.83
MW - 4	07/26/11	3859.62	59.33	62.55	3.22	3799.81
MW - 4	08/12/11	3859.62	59.35	62.60	3.25	3799.78
MW - 4	08/16/11	3859.62	59.45	61.95	2.50	3799.80
MW - 4	08/19/11	3859.62	59.45	61.65	2.20	3799.84
MW - 4	08/23/11	3859.62	59.40	62.20	2.80	3799.80
MW - 4	09/06/11	3859.62	59.38	60.99	1.61	3800.00
MW - 4	09/13/11	3859.62	59.42	62.48	3.06	3799.74
MW - 4	10/13/11	3859.62	59.56	61.55	1.99	3799.76

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

TNM SPS - 11
 PLAINS MARKETING, L.P.
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	11/15/11	3859.62	59.60	61.85	2.25	3799.68
MW - 4	11/30/11	3859.62	59.55	62.07	2.52	3799.69
MW - 4	01/24/12	3859.62	59.51	62.83	3.32	3799.61
MW - 4	01/31/12	3859.62	59.68	61.92	2.24	3799.60
MW - 4	02/08/12	3859.62	59.65	61.67	2.02	3799.67
MW - 4	02/29/12	3859.62	59.76	61.88	2.12	3799.54
MW - 4	03/09/12	3859.62	59.89	61.47	1.58	3799.49
MW - 4	03/16/12	3859.62	59.85	61.53	1.68	3799.52
MW - 4	03/21/12	3859.62	59.92	61.11	1.19	3799.52
MW - 4	03/28/12	3859.62	59.98	61.10	1.12	3799.47
MW - 4	04/04/12	3859.62	59.99	60.97	0.98	3799.48
MW - 4	04/11/12	3859.62	60.01	60.86	0.85	3799.48
MW - 4	04/18/12	3859.62	60.03	60.79	0.76	3799.48
MW - 4	04/25/12	3859.62	60.04	60.72	0.68	3799.48
MW - 4	05/01/12	3859.62	60.08	60.75	0.67	3799.44
MW - 4	05/09/12	3859.62	60.04	60.72	0.68	3799.48
MW - 4	06/07/12	3859.62	60.06	60.94	0.88	3799.43
MW - 4	06/20/12	3859.62	60.26	61.25	0.99	3799.21
MW - 4	06/27/12	3859.62	60.09	60.99	0.90	3799.40
MW - 4	07/11/12	3859.62	60.19	61.17	0.98	3799.28
MW - 4	08/10/12	3859.62	60.43	61.11	0.68	3799.09
MW - 4	09/06/12	3859.62	60.15	61.24	1.09	3799.31
MW - 4	10/04/12	3859.62	60.30	61.07	0.77	3799.20
MW - 4	10/12/12	3859.62	60.29	61.00	0.71	3799.22
MW - 4	10/18/12	3859.62	60.30	61.00	0.70	3799.22
MW - 4	10/25/12	3859.62	60.31	60.81	0.50	3799.24
MW - 4	10/31/12	3859.62	60.29	60.91	0.62	3799.24
MW - 4	11/15/12	3859.62	60.38	60.54	0.16	3799.22
MW - 4	11/27/12	3859.62	60.40	60.57	0.17	3799.19
MW - 4	12/19/12	3859.62	60.42	60.62	0.20	3799.17
MW - 4	01/17/13	3859.62	60.44	60.70	0.26	3799.14
MW - 4	01/31/13	3859.62	60.44	60.70	0.26	3799.14
MW - 4	02/21/13	3859.62	60.47	60.77	0.30	3799.11
MW - 4	03/05/13	3859.62	60.51	60.84	0.33	3799.06
MW - 4	03/21/13	3859.62	60.48	60.74	0.26	3799.10
MW - 4	04/04/13	3859.62	60.52	60.78	0.26	3799.06
MW - 4	04/11/13	3859.62	60.52	60.80	0.28	3799.06
MW - 4	04/18/13	3859.62	60.56	60.78	0.22	3799.03
MW - 4	04/25/13	3859.62	60.55	60.77	0.22	3799.04
MW - 4	05/01/13	3859.62	60.57	60.77	0.20	3799.02
MW - 4	05/10/13	3859.62	60.56	60.68	0.12	3799.04
MW - 4	05/15/13	3859.62	60.55	60.68	0.13	3799.05

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	05/24/13	3859.62	60.59	60.73	0.14	3799.01
MW - 4	05/30/13	3859.62	60.61	60.72	0.11	3798.99
MW - 4	06/06/13	3859.62	60.61	60.71	0.10	3799.00
MW - 4	06/14/13	3859.62	60.63	60.73	0.10	3798.98
MW - 4	06/20/13	3859.62	60.64	60.75	0.11	3798.96
MW - 4	06/27/13	3859.62	60.61	60.75	0.14	3798.99
MW - 4	07/03/13	3859.62	60.64	60.71	0.07	3798.97
MW - 4	07/10/13	3859.62	60.64	60.79	0.15	3798.96
MW - 4	07/25/13	3859.62	60.63	60.80	0.17	3798.96
MW - 4	07/31/13	3859.62	60.63	60.80	0.17	3798.96
MW - 4	08/20/13	3859.62	60.65	60.84	0.19	3798.94
MW - 4	08/29/13	3859.62	60.64	60.84	0.20	3798.95
MW - 4	09/09/13	3859.62	60.68	60.91	0.23	3798.91
MW - 4	09/18/13	3859.62	60.70	60.91	0.21	3798.89
MW - 4	09/27/13	3859.62	60.70	60.88	0.18	3798.89
MW - 4	10/02/13	3859.62	60.73	60.91	0.18	3798.86
MW - 4	10/08/13	3859.62	60.68	60.83	0.15	3798.92
MW - 4	10/16/13	3859.62	60.72	60.84	0.12	3798.88
MW - 4	10/24/13	3859.62	60.70	60.86	0.16	3798.90
MW - 4	10/31/13	3859.62	60.69	60.82	0.13	3798.91
MW - 4	11/11/13	3859.62	60.71	60.84	0.13	3798.89
MW - 4	12/11/13	3859.62	60.78	60.97	0.19	3798.81
MW - 4	12/17/13	3859.62	60.77	60.99	0.22	3798.82
MW - 4	01/03/14	3859.62	60.82	60.98	0.16	3798.78
MW - 4	01/09/14	3859.62	60.80	60.94	0.14	3798.80
MW - 4	01/15/14	3859.62	60.80	60.95	0.15	3798.80
MW - 4	01/22/14	3859.62	60.80	60.98	0.18	3798.79
MW - 4	01/29/14	3859.62	60.80	60.98	0.18	3798.79
MW - 4	02/20/14	3859.62	60.79	61.09	0.30	3798.79
MW - 4	03/04/14	3859.62	60.80	61.07	0.27	3798.78
MW - 4	03/11/14	3859.62	60.85	61.12	0.27	3798.73
MW - 4	03/18/14	3859.62	60.86	61.11	0.25	3798.72
MW - 4	03/29/14	3859.62	60.85	61.16	0.31	3798.72
MW - 4	04/01/14	3859.62	60.88	61.02	0.14	3798.72
MW - 4	04/08/14	3859.62	60.88	60.97	0.09	3798.73
MW - 4	04/18/14	3859.62	60.91	61.00	0.09	3798.70
MW - 4	04/23/14	3859.62	60.92	61.02	0.10	3798.69
MW - 4	05/05/14	3859.62	60.95	61.05	0.10	3798.66
MW - 4	05/16/14	3859.62	60.95	61.12	0.17	3798.64
MW - 4	05/20/14	3859.62	60.94	60.99	0.05	3798.67
MW - 4	05/30/14	3859.62	60.91	61.06	0.15	3798.69
MW - 4	06/18/14	3859.62	60.95	61.05	0.10	3798.66

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	06/27/14	3859.62	61.00	61.08	0.08	3798.61
MW - 4	07/02/14	3859.62	61.00	61.13	0.13	3798.60
MW - 4	07/10/14	3859.62	60.95	61.15	0.20	3798.64
MW - 4	07/29/14	3859.62	60.98	61.23	0.25	3798.60
MW - 4	07/30/14	3859.62	60.98	61.23	0.25	3798.60
MW - 4	08/08/14	3859.62	60.98	61.30	0.32	3798.59
MW - 4	08/19/14	3859.62	60.97	61.31	0.34	3798.60
MW - 4	09/04/14	3859.62	60.98	61.51	0.53	3798.56
MW - 4	09/11/14	3859.62	61.04	61.40	0.36	3798.53
MW - 4	10/16/14	3859.62	60.90	61.35	0.45	3798.65
MW - 4	10/22/14	3859.62	60.95	61.29	0.34	3798.62
MW - 4	10/23/14	3859.62	60.95	61.29	0.34	3798.62
MW - 4	11/24/14	3859.62	60.96	61.62	0.66	3798.56
MW - 4	12/05/14	3859.62	60.97	61.94	0.97	3798.50
MW - 4	12/12/14	3859.62	60.95	61.84	0.89	3798.54
MW - 4	12/19/14	3859.62	60.97	61.65	0.68	3798.55
MW - 6	03/24/00	3862.47	-	57.43	0.00	3805.04
MW - 6	06/14/00	3862.47	-	57.98	0.00	3804.49
MW - 6	09/22/00	3862.47	-	56.82	0.00	3805.65
MW - 6	12/28/00	3862.47	-	57.03	0.00	3805.44
MW - 6	03/14/01	3862.47	-	57.14	0.00	3805.33
MW - 6	06/06/01	3862.47	-	57.35	0.00	3805.12
MW - 6	09/28/01	3862.47	-	57.42	0.00	3805.05
MW - 6	11/17/01	3862.47	-	57.77	0.00	3804.70
MW - 6	03/26/02	3862.47	-	58.05	0.00	3804.42
MW - 6	06/26/02	3862.47	-	57.90	0.00	3804.57
MW - 6	09/25/02	3862.47	-	58.13	0.00	3804.34
MW - 6	12/10/02	3862.47	-	58.15	0.00	3804.32
MW - 6	03/10/03	3862.47	-	58.19	0.00	3804.28
MW - 6	06/09/03	3862.47	-	58.30	0.00	3804.17
MW - 6	09/03/03	3862.47	-	58.42	0.00	3804.05
MW - 6	12/08/03	3862.47	-	58.49	0.00	3803.98
MW - 6	03/01/04	3862.47	-	58.67	0.00	3803.80
MW - 6	05/19/04	3862.47	-	58.49	0.00	3803.98
MW - 6	08/26/04	3862.47	-	58.71	0.00	3803.76
MW - 6	12/09/04	3862.47	-	57.00	0.00	3805.47
MW - 6	03/17/05	3862.47	-	57.18	0.00	3805.29
MW - 6	06/15/05	3862.47	-	57.60	0.00	3804.87
MW - 6	09/14/05	3862.47	-	57.87	0.00	3804.60
MW - 6	12/13/05	3862.47	-	58.18	0.00	3804.29
MW - 6	03/15/06	3862.47	-	58.45	0.00	3804.02

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 6	06/14/06	3862.47	-	58.69	0.00	3803.78
MW - 6	09/13/06	3862.47	-	58.84	0.00	3803.63
MW - 6	12/06/06	3862.47	-	58.95	0.00	3803.52
MW - 6	03/01/07	3862.47	-	59.01	0.00	3803.46
MW - 6	05/24/07	3862.47	-	59.11	0.00	3803.36
MW - 6	08/23/07	3862.47	-	59.08	0.00	3803.39
MW - 6	11/08/07	3862.47	-	59.23	0.00	3803.24
MW - 6	03/04/08	3862.47	-	59.34	0.00	3803.13
MW - 6	06/11/08	3862.47	-	59.41	0.00	3803.06
MW - 6	09/09/08	3862.47	-	59.56	0.00	3802.91
MW - 6	12/11/08	3862.47	-	59.61	0.00	3802.86
MW - 6	02/26/09	3862.47	-	59.78	0.00	3802.69
MW - 6	05/21/09	3862.47	-	61.11	0.00	3801.36
MW - 6	08/18/09	3862.47	-	59.89	0.00	3802.58
MW - 6	12/09/09	3862.47	-	59.94	0.00	3802.53
MW - 6	01/06/10	3862.47	-	59.96	0.00	3802.51
MW - 6	01/06/10	3862.47	-	59.96	0.00	3802.51
MW - 6	02/22/10	3862.47	-	60.02	0.00	3802.45
MW - 6	06/04/10	3862.47	-	60.16	0.00	3802.31
MW - 6	08/26/10	3862.47	-	60.16	0.00	3802.31
MW - 6	11/30/10	3862.47	-	59.96	0.00	3802.51
MW - 6	03/08/11	3862.47	-	59.95	0.00	3802.52
MW - 6	05/26/11	3862.47	-	59.95	0.00	3802.52
MW - 6	08/18/11	3862.47	-	60.33	0.00	3802.14
MW - 6	11/15/11	3862.47	-	60.37	0.00	3802.10
MW - 6	02/29/12	3862.47	-	61.57	0.00	3800.90
MW - 6	05/01/12	3862.47	-	60.63	0.00	3801.84
MW - 6	08/10/12	3862.47	-	60.99	0.00	3801.48
MW - 6	11/28/12	3862.47	-	60.95	0.00	3801.52
MW - 6	02/21/13	3862.47	-	61.10	0.00	3801.37
MW - 6	05/15/13	3862.47	-	61.09	0.00	3801.38
MW - 6	08/21/13	3862.47	-	61.20	0.00	3801.27
MW - 6	11/11/13	3862.47	-	61.29	0.00	3801.18
MW - 6	02/20/14	3862.47	-	61.35	0.00	3801.12
MW - 6	05/20/14	3862.47	-	61.35	0.00	3801.12
MW - 6	07/29/14	3862.47	-	61.50	0.00	3800.97
MW - 6	08/19/14	3862.47	-	61.41	0.00	3801.06
MW - 6	10/30/14	3862.47	-	61.43	0.00	3801.04
MW - 6	11/24/14	3862.47	-	61.45	0.00	3801.02
MW - 7	03/24/00	3859.31	-	57.17	0.00	3802.14
MW - 7	06/14/00	3859.31	-	57.72	0.00	3801.59

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	09/22/00	3859.31	-	56.79	0.00	3802.52
MW - 7	12/28/00	3859.31	-	56.96	0.00	3802.35
MW - 7	03/14/01	3859.31	-	57.11	0.00	3802.20
MW - 7	06/06/01	3859.31	-	57.20	0.00	3802.11
MW - 7	09/28/01	3859.31	-	57.32	0.00	3801.99
MW - 7	11/17/01	3859.31	-	57.77	0.00	3801.54
MW - 7	03/26/02	3859.31	-	57.82	0.00	3801.49
MW - 7	06/26/02	3859.31	-	57.73	0.00	3801.58
MW - 7	09/25/02	3859.31	-	57.90	0.00	3801.41
MW - 7	12/10/02	3859.31	-	57.91	0.00	3801.40
MW - 7	03/10/03	3859.31	-	58.02	0.00	3801.29
MW - 7	06/09/03	3859.31	-	58.13	0.00	3801.18
MW - 7	09/03/03	3859.31	-	58.20	0.00	3801.11
MW - 7	12/08/03	3859.31	-	58.28	0.00	3801.03
MW - 7	03/01/04	3859.31	-	58.42	0.00	3800.89
MW - 7	05/19/04	3859.31	-	58.29	0.00	3801.02
MW - 7	08/26/04	3859.31	-	58.50	0.00	3800.81
MW - 7	12/09/04	3859.31	-	57.12	0.00	3802.19
MW - 7	03/17/05	3859.31	-	57.25	0.00	3802.06
MW - 7	06/15/05	3859.31	-	57.49	0.00	3801.82
MW - 7	09/14/05	3859.31	-	57.74	0.00	3801.57
MW - 7	12/13/05	3859.31	-	58.00	0.00	3801.31
MW - 7	03/15/06	3859.31	-	58.21	0.00	3801.10
MW - 7	06/14/06	3859.31	-	58.40	0.00	3800.91
MW - 7	09/13/06	3859.31	-	58.53	0.00	3800.78
MW - 7	12/06/06	3859.31	-	58.62	0.00	3800.69
MW - 7	03/01/07	3859.31	sheen	58.74	0.00	3800.57
MW - 7	05/24/07	3859.31	58.73	58.94	0.21	3800.55
MW - 7	05/29/07	3859.31	58.71	59.12	0.41	3800.54
MW - 7	06/05/07	3859.31	58.76	58.84	0.08	3800.54
MW - 7	06/12/07	3859.31	58.79	58.83	0.04	3800.51
MW - 7	06/18/07	3859.31	58.75	59.40	0.65	3800.46
MW - 7	06/29/07	3859.31	58.76	58.84	0.08	3800.54
MW - 7	07/03/07	3859.31	58.76	59.01	0.25	3800.51
MW - 7	07/10/07	3859.31	58.82	58.88	0.06	3800.48
MW - 7	07/18/07	3859.31	58.80	58.88	0.08	3800.50
MW - 7	07/30/07	3859.31	58.82	58.90	0.08	3800.48
MW - 7	08/06/07	3859.31	58.83	58.91	0.08	3800.47
MW - 7	08/13/07	3859.31	58.78	59.08	0.30	3800.49
MW - 7	08/23/07	3859.31	58.82	59.11	0.29	3800.45
MW - 7	08/31/07	3859.31	58.79	59.19	0.40	3800.46
MW - 7	09/17/07	3859.31	58.84	59.01	0.17	3800.44

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

TNM SPS - 11
 PLAINS MARKETING, L.P.
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	09/28/07	3859.31	58.85	59.10	0.25	3800.42
MW - 7	10/05/07	3859.31	58.86	58.92	0.06	3800.44
MW - 7	10/12/07	3859.31	58.87	59.00	0.13	3800.42
MW - 7	11/08/07	3859.31	59.39	59.41	0.02	3799.92
MW - 7	11/09/07	3859.31	sheen	59.14	0.00	3800.17
MW - 7	12/13/07	3859.31	59.22	59.66	0.44	3800.02
MW - 7	01/10/08	3859.31	58.88	59.44	0.56	3800.35
MW - 7	01/16/08	3859.31	58.92	59.45	0.53	3800.31
MW - 7	01/22/08	3859.31	58.92	59.73	0.81	3800.27
MW - 7	02/07/08	3859.31	58.94	59.36	0.42	3800.31
MW - 7	02/12/08	3859.31	58.99	59.26	0.27	3800.28
MW - 7	02/20/08	3859.31	58.98	59.22	0.24	3800.29
MW - 7	02/27/08	3859.31	58.99	59.20	0.21	3800.29
MW - 7	03/04/08	3859.31	58.99	59.19	0.20	3800.29
MW - 7	03/13/08	3859.31	58.97	59.42	0.45	3800.27
MW - 7	03/20/08	3859.31	60.11	60.47	0.36	3799.15
MW - 7	03/23/08	3859.31	58.97	59.42	0.45	3800.27
MW - 7	04/09/08	3859.31	58.98	59.43	0.45	3800.26
MW - 7	04/18/08	3859.31	59.02	59.45	0.43	3800.23
MW - 7	04/25/08	3859.31	59.05	59.45	0.40	3800.20
MW - 7	04/30/08	3859.31	59.01	59.40	0.39	3800.24
MW - 7	05/16/08	3859.31	59.03	59.45	0.42	3800.22
MW - 7	06/03/08	3859.31	59.08	59.42	0.34	3800.18
MW - 7	06/11/08	3859.31	59.06	59.43	0.37	3800.19
MW - 7	06/18/08	3859.31	59.09	59.44	0.35	3800.17
MW - 7	06/25/08	3859.31	59.07	59.42	0.35	3800.19
MW - 7	07/01/08	3859.31	59.08	59.42	0.34	3800.18
MW - 7	07/09/08	3859.31	59.12	59.46	0.34	3800.14
MW - 7	07/15/08	3859.31	59.11	59.45	0.34	3800.15
MW - 7	07/23/08	3859.31	59.11	59.43	0.32	3800.15
MW - 7	08/13/08	3859.31	59.13	59.52	0.39	3800.12
MW - 7	09/09/08	3859.31	59.12	59.59	0.47	3800.12
MW - 7	09/11/08	3859.31	59.15	59.64	0.49	3800.09
MW - 7	09/22/08	3859.31	59.15	59.64	0.49	3800.09
MW - 7	10/01/08	3859.31	59.18	59.68	0.50	3800.06
MW - 7	10/09/08	3859.31	59.18	59.63	0.45	3800.06
MW - 7	10/16/08	3859.31	59.19	59.59	0.40	3800.06
MW - 7	10/23/08	3859.31	59.16	59.57	0.41	3800.09
MW - 7	10/30/08	3859.31	59.21	59.63	0.42	3800.04
MW - 7	11/04/08	3859.31	59.20	59.60	0.40	3800.05
MW - 7	11/25/08	3859.31	59.20	59.78	0.58	3800.02
MW - 7	11/25/08	3859.31	-	60.86	0.00	3798.45

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	12/11/08	3859.31	59.21	59.91	0.70	3800.00
MW - 7	01/02/09	3859.31	59.16	60.26	1.10	3799.99
MW - 7	01/08/09	3859.31	59.24	59.78	0.54	3799.99
MW - 7	01/14/09	3859.31	59.34	59.70	0.36	3799.92
MW - 7	02/12/09	3859.31	59.23	60.22	0.99	3799.93
MW - 7	02/19/09	3859.31	59.21	60.30	1.09	3799.94
MW - 7	02/26/09	3859.31	59.25	60.01	0.76	3799.95
MW - 7	03/04/09	3859.31	59.32	60.39	1.07	3799.83
MW - 7	03/16/09	3859.31	59.39	60.43	1.04	3799.76
MW - 7	03/19/09	3859.31	59.22	60.42	1.20	3799.91
MW - 7	03/24/09	3859.31	59.23	60.48	1.25	3799.89
MW - 7	04/08/09	3859.31	59.40	60.41	1.01	3799.76
MW - 7	04/15/09	3859.31	59.28	60.32	1.04	3799.87
MW - 7	04/17/09	3859.31	59.42	60.36	0.94	3799.75
MW - 7	04/21/09	3859.31	59.43	60.34	0.91	3799.74
MW - 7	04/29/09	3859.31	59.26	60.56	1.30	3799.86
MW - 7	05/06/09	3859.31	59.33	60.02	0.69	3799.88
MW - 7	05/20/09	3859.31	59.33	60.17	0.84	3799.85
MW - 7	05/22/09	3859.31	59.42	59.87	0.45	3799.82
MW - 7	05/27/09	3859.31	59.35	60.10	0.75	3799.85
MW - 7	06/01/09	3859.31	59.40	59.77	0.37	3799.85
MW - 7	06/09/09	3859.31	59.42	59.78	0.36	3799.84
MW - 7	06/17/09	3859.31	59.41	59.23	-0.18	3799.93
MW - 7	06/23/09	3859.31	59.43	60.39	0.96	3799.74
MW - 7	06/30/09	3859.31	59.40	59.77	0.37	3799.85
MW - 7	07/10/09	3859.31	59.35	59.95	0.60	3799.87
MW - 7	07/13/09	3859.31	59.36	59.79	0.43	3799.89
MW - 7	07/17/09	3859.31	59.37	59.94	0.57	3799.85
MW - 7	07/24/09	3859.31	59.34	60.01	0.67	3799.87
MW - 7	07/28/09	3859.31	59.37	59.73	0.36	3799.89
MW - 7	08/04/09	3859.31	59.32	59.82	0.50	3799.92
MW - 7	08/12/09	3859.31	59.36	60.00	0.64	3799.85
MW - 7	08/18/09	3859.31	59.38	60.01	0.63	3799.84
MW - 7	08/20/09	3859.31	59.35	60.04	0.69	3799.86
MW - 7	08/26/09	3859.31	59.35	60.08	0.73	3799.85
MW - 7	09/02/09	3859.31	59.35	60.04	0.69	3799.86
MW - 7	09/09/09	3859.31	59.40	59.78	0.38	3799.85
MW - 7	09/14/09	3859.31	59.39	59.79	0.40	3799.86
MW - 7	09/21/09	3859.31	59.40	59.90	0.50	3799.84
MW - 7	10/01/09	3859.31	59.38	60.07	0.69	3799.83
MW - 7	10/08/09	3859.31	59.42	59.78	0.36	3799.84
MW - 7	10/14/09	3859.31	59.42	59.89	0.47	3799.82

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	10/21/09	3859.31	59.42	60.05	0.63	3799.80
MW - 7	10/28/09	3859.31	59.41	59.99	0.58	3799.81
MW - 7	10/29/09	3859.31	59.46	59.87	0.41	3799.79
MW - 7	11/04/09	3859.31	59.45	59.90	0.45	3799.79
MW - 7	11/11/09	3859.31	58.45	59.96	1.51	3800.63
MW - 7	11/18/09	3859.31	59.45	59.99	0.54	3799.78
MW - 7	12/02/09	3859.31	59.47	60.16	0.69	3799.74
MW - 7	12/10/09	3859.31	59.49	60.19	0.70	3799.72
MW - 7	12/18/09	3859.31	59.49	60.20	0.71	3799.71
MW - 7	12/23/09	3859.31	59.53	60.06	0.53	3799.70
MW - 7	12/30/09	3859.31	59.56	60.03	0.47	3799.68
MW - 7	01/06/10	3859.31	59.50	60.05	0.55	3799.73
MW - 7	01/19/10	3859.31	59.52	60.07	0.55	3799.71
MW - 7	02/02/10	3859.31	59.49	60.37	0.88	3799.69
MW - 7	02/19/10	3859.31	59.57	60.62	1.05	3799.58
MW - 7	02/22/10	3859.31	59.59	60.36	0.77	3799.60
MW - 7	03/02/10	3859.31	59.58	60.53	0.95	3799.59
MW - 7	03/09/10	3859.31	59.65	60.21	0.56	3799.58
MW - 7	03/11/10	3859.31	59.68	60.11	0.43	3799.57
MW - 7	03/16/10	3859.31	59.56	60.33	0.77	3799.63
MW - 7	03/18/10	3859.31	59.85	60.06	0.21	3799.43
MW - 7	03/24/10	3859.31	59.66	60.25	0.59	3799.56
MW - 7	03/31/10	3859.31	59.66	60.24	0.58	3799.56
MW - 7	04/08/10	3859.31	59.52	60.48	0.96	3799.65
MW - 7	04/15/10	3859.31	59.54	60.33	0.79	3799.65
MW - 7	04/28/10	3859.31	59.53	60.45	0.92	3799.64
MW - 7	05/06/10	3859.31	59.56	60.47	0.91	3799.61
MW - 7	05/13/10	3859.31	59.60	60.46	0.86	3799.58
MW - 7	05/19/10	3859.31	59.58	60.47	0.89	3799.60
MW - 7	05/27/10	3859.31	59.46	61.06	1.60	3799.61
MW - 7	06/04/10	3859.31	59.54	60.62	1.08	3799.61
MW - 7	07/02/10	3859.31	59.55	60.88	1.33	3799.56
MW - 7	07/09/10	3859.31	59.59	60.18	0.59	3799.63
MW - 7	07/14/10	3859.31	59.39	59.45	0.06	3799.91
MW - 7	07/22/10	3859.31	59.16	59.60	0.44	3800.08
MW - 7	07/29/10	3859.31	59.16	59.74	0.58	3800.06
MW - 7	08/05/10	3859.31	58.14	58.81	0.67	3801.07
MW - 7	08/12/10	3859.31	59.12	59.98	0.86	3800.06
MW - 7	08/18/10	3859.31	59.14	60.03	0.89	3800.04
MW - 7	08/26/10	3859.31	59.10	60.27	1.17	3800.03
MW - 7	09/02/10	3859.31	59.07	60.65	1.58	3800.00
MW - 7	09/08/10	3859.31	59.09	60.25	1.16	3800.05

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	09/30/10	3859.31	59.21	60.45	1.24	3799.91
MW - 7	10/07/10	3859.31	59.21	60.43	1.22	3799.92
MW - 7	10/14/10	3859.31	59.22	60.44	1.22	3799.91
MW - 7	10/21/10	3859.31	59.19	60.45	1.26	3799.93
MW - 7	11/04/10	3859.31	59.21	60.95	1.74	3799.84
MW - 7	11/11/10	3859.31	59.05	62.23	3.18	3799.78
MW - 7	11/30/10	3859.31	59.21	60.47	1.26	3799.91
MW - 7	12/08/10	3859.31	59.13	61.22	2.09	3799.87
MW - 7	12/16/10	3859.31	59.22	61.35	2.13	3799.77
MW - 7	12/22/10	3859.31	59.12	60.78	1.66	3799.94
MW - 7	01/13/11	3859.31	59.08	60.69	1.61	3799.99
MW - 7	01/27/11	3859.31	59.20	60.50	1.30	3799.92
MW - 7	03/08/11	3859.31	59.12	60.57	1.45	3799.97
MW - 7	04/28/11	3859.31	59.03	64.00	4.97	3799.53
MW - 7	05/11/11	3859.31	59.09	63.89	4.80	3799.50
MW - 7	05/18/11	3859.31	59.17	63.87	4.70	3799.44
MW - 7	05/23/11	3859.31	58.95	63.99	5.04	3799.60
MW - 7	05/26/11	3859.31	58.95	63.99	5.04	3799.60
MW - 7	06/02/11	3859.31	59.04	64.07	5.03	3799.52
MW - 7	06/08/11	3859.31	59.34	61.89	2.55	3799.59
MW - 7	06/16/11	3859.31	59.18	64.14	4.96	3799.39
MW - 7	06/22/11	3859.31	59.00	64.04	5.04	3799.55
MW - 7	06/30/11	3859.31	59.36	63.68	4.32	3799.30
MW - 7	07/06/11	3859.31	59.59	62.27	2.68	3799.32
MW - 7	07/13/11	3859.31	59.54	62.02	2.48	3799.40
MW - 7	07/19/11	3859.31	59.63	61.58	1.95	3799.39
MW - 7	07/26/11	3859.31	59.63	61.10	1.47	3799.46
MW - 7	08/12/11	3859.31	59.62	61.22	1.60	3799.45
MW - 7	08/19/11	3859.31	59.72	60.72	1.00	3799.44
MW - 7	08/23/11	3859.31	59.72	60.60	0.88	3799.46
MW - 7	09/06/11	3859.31	59.67	61.37	1.70	3799.39
MW - 7	09/13/11	3859.31	59.71	61.10	1.39	3799.39
MW - 7	10/13/11	3859.31	59.83	60.47	0.64	3799.38
MW - 7	11/15/11	3859.31	59.84	60.95	1.11	3799.30
MW - 7	11/30/11	3859.31	59.80	61.10	1.30	3799.32
MW - 7	01/24/12	3859.31	59.78	61.84	2.06	3799.22
MW - 7	01/31/12	3859.31	59.86	61.27	1.41	3799.24
MW - 7	02/08/12	3859.31	59.90	61.05	1.15	3799.24
MW - 7	02/29/12	3859.31	59.89	61.51	1.62	3799.18
MW - 7	03/09/12	3859.31	59.59	61.10	1.51	3799.49
MW - 7	03/16/12	3859.31	59.56	61.25	1.69	3799.50
MW - 7	03/21/12	3859.31	60.01	60.93	0.92	3799.16

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	03/28/12	3859.31	60.05	60.90	0.85	3799.13
MW - 7	04/04/12	3859.31	60.06	60.82	0.76	3799.14
MW - 7	04/11/12	3859.31	60.09	60.76	0.67	3799.12
MW - 7	04/18/12	3859.31	60.11	60.70	0.59	3799.11
MW - 7	04/25/12	3859.31	60.10	60.70	0.60	3799.12
MW - 7	05/01/12	3859.31	60.13	60.81	0.68	3799.08
MW - 7	05/09/12	3859.31	60.10	60.70	0.60	3799.12
MW - 7	06/07/12	3859.31	60.07	61.37	1.30	3799.05
MW - 7	06/20/12	3859.31	60.02	61.65	1.63	3799.05
MW - 7	06/27/12	3859.31	60.10	61.42	1.32	3799.01
MW - 7	07/11/12	3859.31	60.05	61.99	1.94	3798.97
MW - 7	08/10/12	3859.31	60.48	61.16	0.68	3798.73
MW - 7	09/06/12	3859.31	60.00	62.62	2.62	3798.92
MW - 7	10/04/12	3859.31	60.21	61.96	1.75	3798.84
MW - 7	10/12/12	3859.31	60.19	61.97	1.78	3798.85
MW - 7	10/18/12	3859.31	60.20	61.99	1.79	3798.84
MW - 7	10/25/12	3859.31	60.38	60.90	0.52	3798.85
MW - 7	10/31/12	3859.31	60.37	60.92	0.55	3798.86
MW - 7	11/15/12	3859.31	60.42	60.71	0.29	3798.85
MW - 7	11/27/12	3859.31	60.44	60.81	0.37	3798.81
MW - 7	12/19/12	3859.31	60.44	60.98	0.54	3798.79
MW - 7	01/17/13	3859.31	60.45	61.60	1.15	3798.69
MW - 7	01/31/13	3859.31	60.45	61.13	0.68	3798.76
MW - 7	02/21/13	3859.31	60.45	61.25	0.80	3798.74
MW - 7	03/05/13	3859.31	60.49	61.34	0.85	3798.69
MW - 7	03/21/13	3859.31	60.47	61.33	0.86	3798.71
MW - 7	04/04/13	3859.31	60.50	61.40	0.90	3798.68
MW - 7	04/11/13	3859.31	-	60.62	0.00	3798.69
MW - 7	04/18/13	3859.31	60.65	60.68	0.03	3798.66
MW - 7	04/25/13	3859.31	60.63	60.70	0.07	3798.67
MW - 7	05/01/13	3859.31	60.64	60.71	0.07	3798.66
MW - 7	05/10/13	3859.31	60.63	60.70	0.07	3798.67
MW - 7	05/15/13	3859.31	60.64	60.74	0.10	3798.66
MW - 7	05/24/13	3859.31	60.65	60.77	0.12	3798.64
MW - 7	05/30/13	3859.31	60.66	60.73	0.07	3798.64
MW - 7	06/06/13	3859.31	60.67	60.74	0.07	3798.63
MW - 7	06/14/13	3859.31	60.68	60.73	0.05	3798.62
MW - 7	06/20/13	3859.31	60.69	60.72	0.03	3798.62
MW - 7	06/27/13	3859.31	60.67	60.72	0.05	3798.63
MW - 7	07/03/13	3859.31	60.70	60.76	0.06	3798.60
MW - 7	07/10/13	3859.31	60.71	60.76	0.05	3798.59
MW - 7	07/25/13	3859.31	60.71	60.78	0.07	3798.59

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	07/31/13	3859.31	60.70	60.78	0.08	3798.60
MW - 7	08/20/13	3859.31	60.73	60.79	0.06	3798.57
MW - 7	08/29/13	3859.31	60.70	60.80	0.10	3798.60
MW - 7	09/09/13	3859.31	60.75	60.86	0.11	3798.54
MW - 7	09/18/13	3859.31	60.76	60.83	0.07	3798.54
MW - 7	09/27/13	3859.31	60.77	60.83	0.06	3798.53
MW - 7	10/02/13	3859.31	60.79	60.85	0.06	3798.51
MW - 7	10/08/13	3859.31	60.75	60.81	0.06	3798.55
MW - 7	10/16/13	3859.31	60.78	60.83	0.05	3798.52
MW - 7	10/24/13	3859.31	60.75	60.81	0.06	3798.55
MW - 7	10/31/13	3859.31	60.76	60.81	0.05	3798.54
MW - 7	11/11/13	3859.31	60.77	60.85	0.08	3798.53
MW - 7	12/11/13	3859.31	60.82	60.93	0.11	3798.47
MW - 7	12/17/13	3859.31	60.84	60.96	0.12	3798.45
MW - 7	01/03/14	3859.31	60.87	60.99	0.12	3798.42
MW - 7	01/09/14	3859.31	60.85	60.94	0.09	3798.45
MW - 7	01/15/14	3859.31	60.85	60.93	0.08	3798.45
MW - 7	01/22/14	3859.31	60.85	60.96	0.11	3798.44
MW - 7	01/29/14	3859.31	60.85	60.98	0.13	3798.44
MW - 7	02/20/14	3859.31	60.83	61.09	0.26	3798.44
MW - 7	03/04/14	3859.31	60.77	61.12	0.35	3798.49
MW - 7	03/11/14	3859.31	60.90	61.15	0.25	3798.37
MW - 7	03/18/14	3859.31	60.90	61.18	0.28	3798.37
MW - 7	03/29/14	3859.31	60.89	61.20	0.31	3798.37
MW - 7	04/01/14	3859.31	60.91	61.10	0.19	3798.37
MW - 7	04/08/14	3859.31	60.91	61.03	0.12	3798.38
MW - 7	04/18/14	3859.31	60.93	61.02	0.09	3798.37
MW - 7	04/23/14	3859.31	60.95	61.03	0.08	3798.35
MW - 7	05/05/14	3859.31	60.94	61.04	0.10	3798.36
MW - 7	05/16/14	3859.31	60.98	61.08	0.10	3798.32
MW - 7	05/20/14	3859.31	60.98	61.03	0.05	3798.32
MW - 7	05/30/14	3859.31	60.96	61.07	0.11	3798.33
MW - 7	06/18/14	3859.31	60.96	61.14	0.18	3798.32
MW - 7	06/27/14	3859.31	60.98	61.15	0.17	3798.30
MW - 7	07/02/14	3859.31	61.03	61.13	0.10	3798.27
MW - 7	07/10/14	3859.31	61.00	61.17	0.17	3798.28
MW - 7	07/29/14	3859.31	61.03	61.25	0.22	3798.25
MW - 7	07/30/14	3859.31	61.03	61.25	0.22	3798.25
MW - 7	08/08/14	3859.31	61.03	61.30	0.27	3798.24
MW - 7	08/19/14	3859.31	61.02	61.28	0.26	3798.25
MW - 7	09/04/14	3859.31	61.05	61.43	0.38	3798.20
MW - 7	09/11/14	3859.31	61.08	61.35	0.27	3798.19

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

TNM SPS - 11
 PLAINS MARKETING, L.P.
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	10/16/14	3859.31	60.96	61.32	0.36	3798.30
MW - 7	10/22/14	3859.31	61.01	61.19	0.18	3798.27
MW - 7	10/23/14	3859.31	61.01	61.19	0.18	3798.27
MW - 7	11/24/14	3859.31	61.05	61.39	0.34	3798.21
MW - 7	12/05/14	3859.31	61.09	61.49	0.40	3798.16
MW - 7	12/12/14	3859.31	61.04	61.56	0.52	3798.19
MW - 7	12/19/14	3859.31	61.07	61.36	0.29	3798.20
MW - 9	03/24/00	3861.88	-	56.34	0.00	3805.54
MW - 9	06/14/00	3861.88	-	56.88	0.00	3805.00
MW - 9	09/22/00	3861.88	-	55.86	0.00	3806.02
MW - 9	12/28/00	3861.88	-	56.02	0.00	3805.86
MW - 9	03/14/01	3861.88	-	56.14	0.00	3805.74
MW - 9	06/06/01	3861.88	-	56.30	0.00	3805.58
MW - 9	09/28/01	3861.88	-	56.38	0.00	3805.50
MW - 9	11/17/01	3861.88	-	57.23	0.00	3804.65
MW - 9	03/26/02	3861.88	-	56.95	0.00	3804.93
MW - 9	06/26/02	3861.88	-	56.84	0.00	3805.04
MW - 9	09/25/02	3861.88	-	57.07	0.00	3804.81
MW - 9	12/10/02	3861.88	-	57.07	0.00	3804.81
MW - 9	03/10/03	3861.88	-	57.09	0.00	3804.79
MW - 9	06/09/03	3861.88	-	57.25	0.00	3804.63
MW - 9	09/03/03	3861.88	-	57.35	0.00	3804.53
MW - 9	12/08/03	3861.88	-	57.48	0.00	3804.40
MW - 9	03/01/04	3861.88	-	57.65	0.00	3804.23
MW - 9	05/19/04	3861.88	-	57.55	0.00	3804.33
MW - 9	08/26/04	3861.88	-	57.70	0.00	3804.18
MW - 9	12/09/04	3861.88	-	56.10	0.00	3805.78
MW - 9	03/17/05	3861.88	-	56.15	0.00	3805.73
MW - 9	06/15/05	3861.88	-	56.54	0.00	3805.34
MW - 9	09/15/05	3861.88	-	56.98	0.00	3804.90
MW - 9	12/13/05	3861.88	-	57.20	0.00	3804.68
MW - 9	03/15/06	3861.88	-	57.45	0.00	3804.43
MW - 9	06/14/06	3861.88	-	57.67	0.00	3804.21
MW - 9	09/13/06	3861.88	-	57.79	0.00	3804.09
MW - 9	12/06/06	3861.88	-	58.00	0.00	3803.88
MW - 9	03/01/07	3861.88	-	58.03	0.00	3803.85
MW - 9	05/24/07	3861.88	-	58.08	0.00	3803.80
MW - 9	08/23/07	3861.88	-	58.14	0.00	3803.74
MW - 9	11/08/07	3861.88	-	58.23	0.00	3803.65
MW - 9	03/04/08	3861.88	-	59.28	0.00	3802.60
MW - 9	06/11/08	3861.88	-	58.39	0.00	3803.49

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 9	09/09/08	3861.88	-	58.53	0.00	3803.35
MW - 9	12/11/08	3861.88	-	58.69	0.00	3803.19
MW - 9	02/26/09	3861.88	-	58.84	0.00	3803.04
MW - 9	05/22/09	3861.88	-	58.73	0.00	3803.15
MW - 9	08/18/09	3861.88	-	58.89	0.00	3802.99
MW - 9	12/10/09	3861.88	-	58.91	0.00	3802.97
MW - 9	01/06/10	3861.88	-	59.90	0.00	3801.98
MW - 9	02/02/10	3861.88	-	-	-	-
MW - 9	02/22/10	3861.88	-	58.99	0.00	3802.89
MW - 9	05/06/10	3861.88	-	59.90	0.00	3801.98
MW - 9	05/13/10	3861.88	-	59.89	0.00	3801.99
MW - 9	05/19/10	3861.88	-	59.88	0.00	3802.00
MW - 9	06/04/10	3861.88	-	59.14	0.00	3802.74
MW - 9	08/26/10	3861.88	-	59.13	0.00	3802.75
MW - 9	11/30/10	3861.88	-	58.93	0.00	3802.95
MW - 9	03/08/11	3861.88	-	58.91	0.00	3802.97
MW - 9	05/25/11	3861.88	-	58.92	0.00	3802.96
MW - 9	08/19/11	3861.88	-	59.29	0.00	3802.59
MW - 9	11/15/11	3861.88	-	59.33	0.00	3802.55
MW - 9	11/30/11	3861.88	-	59.37	0.00	3802.51
MW - 9	01/24/12	3861.88	-	59.52	0.00	3802.36
MW - 9	01/31/12	3861.88	-	59.50	0.00	3802.38
MW - 9	02/08/12	3861.88	-	59.50	0.00	3802.38
MW - 9	02/29/12	3861.88	-	59.53	0.00	3802.35
MW - 9	03/09/12	3861.88	-	59.64	0.00	3802.24
MW - 9	03/16/12	3861.88	-	59.56	0.00	3802.32
MW - 9	03/21/12	3861.88	-	59.63	0.00	3802.25
MW - 9	03/28/12	3861.88	-	59.62	0.00	3802.26
MW - 9	04/04/12	3861.88	-	59.61	0.00	3802.27
MW - 9	04/11/12	3861.88	-	59.62	0.00	3802.26
MW - 9	04/18/12	3861.88	-	59.60	0.00	3802.28
MW - 9	04/25/12	3861.88	-	59.65	0.00	3802.23
MW - 9	05/01/12	3861.88	-	59.62	0.00	3802.26
MW - 9	05/09/12	3861.88	-	59.65	0.00	3802.23
MW - 9	06/07/12	3861.88	-	59.67	0.00	3802.21
MW - 9	06/20/12	3861.88	-	59.70	0.00	3802.18
MW - 9	06/27/12	3861.88	-	59.69	0.00	3802.19
MW - 9	07/11/12	3861.88	-	59.76	0.00	3802.12
MW - 9	08/10/12	3861.88	-	59.97	0.00	3801.91
MW - 9	09/06/12	3861.88	-	59.77	0.00	3802.11
MW - 9	10/04/12	3861.88	-	59.95	0.00	3801.93
MW - 9	10/12/12	3861.88	-	59.93	0.00	3801.95

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

TNM SPS - 11
 PLAINS MARKETING, L.P.
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 9	10/18/12	3861.88	-	59.96	0.00	3801.92
MW - 9	10/25/12	3861.88	-	59.95	0.00	3801.93
MW - 9	10/31/12	3861.88	-	59.96	0.00	3801.92
MW - 9	11/15/12	3861.88	-	59.98	0.00	3801.90
MW - 9	11/27/12	3861.88	-	59.99	0.00	3801.89
MW - 9	12/19/12	3861.88	-	60.04	0.00	3801.84
MW - 9	01/17/13	3861.88	-	59.95	0.00	3801.93
MW - 9	01/31/13	3861.88	-	60.03	0.00	3801.85
MW - 9	02/21/13	3861.88	-	60.12	0.00	3801.76
MW - 9	03/05/13	3861.88	-	60.20	0.00	3801.68
MW - 9	03/21/13	3861.88	-	60.03	0.00	3801.85
MW - 9	04/04/13	3861.88	-	60.12	0.00	3801.76
MW - 9	04/11/13	3861.88	-	60.10	0.00	3801.78
MW - 9	04/18/13	3861.88	-	60.19	0.00	3801.69
MW - 9	04/25/13	3861.88	-	60.21	0.00	3801.67
MW - 9	05/01/13	3861.88	-	60.18	0.00	3801.70
MW - 9	05/10/13	3861.88	-	60.18	0.00	3801.70
MW - 9	05/15/13	3861.88	-	60.15	0.00	3801.73
MW - 9	05/24/13	3861.88	-	60.14	0.00	3801.74
MW - 9	05/30/13	3861.88	-	60.19	0.00	3801.69
MW - 9	06/06/13	3861.88	-	60.19	0.00	3801.69
MW - 9	06/14/13	3861.88	-	60.27	0.00	3801.61
MW - 9	06/20/13	3861.88	-	60.23	0.00	3801.65
MW - 9	06/27/13	3861.88	-	60.15	0.00	3801.73
MW - 9	07/03/13	3861.88	-	60.21	0.00	3801.67
MW - 9	07/10/13	3861.88	-	60.26	0.00	3801.62
MW - 9	07/25/13	3861.88	-	60.28	0.00	3801.60
MW - 9	07/31/13	3861.88	-	60.21	0.00	3801.67
MW - 9	08/21/13	3861.88	-	60.18	0.00	3801.70
MW - 9	08/29/13	3861.88	-	60.24	0.00	3801.64
MW - 9	09/09/13	3861.88	-	60.28	0.00	3801.60
MW - 9	09/18/13	3861.88	-	60.30	0.00	3801.58
MW - 9	09/27/13	3861.88	-	60.30	0.00	3801.58
MW - 9	10/02/13	3861.88	-	60.31	0.00	3801.57
MW - 9	10/08/13	3861.88	-	60.28	0.00	3801.60
MW - 9	10/16/13	3861.88	-	60.30	0.00	3801.58
MW - 9	10/24/13	3861.88	-	60.26	0.00	3801.62
MW - 9	10/31/13	3861.88	-	60.23	0.00	3801.65
MW - 9	11/11/13	3861.88	-	60.27	0.00	3801.61
MW - 9	12/11/13	3861.88	-	60.43	0.00	3801.45
MW - 9	12/17/13	3861.88	-	60.36	0.00	3801.52
MW - 9	01/03/14	3861.88	-	60.38	0.00	3801.50

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

TNM SPS - 11
 PLAINS MARKETING, L.P.
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 9	01/09/14	3861.88	-	60.37	0.00	3801.51
MW - 9	01/15/14	3861.88	-	60.36	0.00	3801.52
MW - 9	01/22/14	3861.88	-	60.40	0.00	3801.48
MW - 9	01/29/14	3861.88	-	60.36	0.00	3801.52
MW - 9	02/20/14	3861.88	-	60.31	0.00	3801.57
MW - 9	03/04/14	3861.88	-	60.35	0.00	3801.53
MW - 9	03/11/14	3861.88	-	60.47	0.00	3801.41
MW - 9	03/18/14	3861.88	-	60.44	0.00	3801.44
MW - 9	03/29/14	3861.88	-	60.50	0.00	3801.38
MW - 9	04/01/14	3861.88	-	60.43	0.00	3801.45
MW - 9	04/08/14	3861.88	-	60.41	0.00	3801.47
MW - 9	04/18/14	3861.88	-	60.44	0.00	3801.44
MW - 9	04/23/14	3861.88	-	60.41	0.00	3801.47
MW - 9	05/05/14	3861.88	-	60.47	0.00	3801.41
MW - 9	05/16/14	3861.88	-	60.45	0.00	3801.43
MW - 9	05/20/14	3861.88	-	60.55	0.00	3801.33
MW - 9	05/30/14	3861.88	-	60.49	0.00	3801.39
MW - 9	06/18/14	3861.88	-	60.51	0.00	3801.37
MW - 9	06/27/14	3861.88	-	60.47	0.00	3801.41
MW - 9	07/02/14	3861.88	-	60.53	0.00	3801.35
MW - 9	07/10/14	3861.88	-	60.52	0.00	3801.36
MW - 9	07/29/14	3861.88	-	60.53	0.00	3801.35
MW - 9	07/30/14	3861.88	-	60.53	0.00	3801.35
MW - 9	08/08/14	3861.88	-	60.55	0.00	3801.33
MW - 9	08/19/14	3861.88	-	60.52	0.00	3801.36
MW - 9	09/04/14	3861.88	-	60.56	0.00	3801.32
MW - 9	09/11/14	3861.88	-	60.59	0.00	3801.29
MW - 9	10/16/14	3861.88	-	60.45	0.00	3801.43
MW - 9	10/22/14	3861.88	-	60.50	0.00	3801.38
MW - 9	10/30/14	3861.88	-	60.51	0.00	3801.37
MW - 9	11/24/14	3861.88	-	60.51	0.00	3801.37
MW - 9	12/05/14	3861.88	-	60.52	0.00	3801.36
MW - 9	12/12/14	3861.88	-	60.58	0.00	3801.30
MW - 9	12/19/14	3861.88	-	60.57	0.00	3801.31
MW - 10	03/24/00	3860.58	-	58.68	0.00	3801.90
MW - 10	06/14/00	3860.58	-	59.20	0.00	3801.38
MW - 10	09/22/00	3860.58	-	58.29	0.00	3802.29
MW - 10	12/28/00	3860.58	-	58.47	0.00	3802.11
MW - 10	03/14/01	3860.58	-	58.59	0.00	3801.99
MW - 10	06/06/01	3860.58	-	58.70	0.00	3801.88
MW - 10	09/28/01	3860.58	-	58.82	0.00	3801.76

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 10	11/17/01	3860.58	-	59.06	0.00	3801.52
MW - 10	03/26/02	3860.58	-	59.34	0.00	3801.24
MW - 10	06/26/02	3860.58	-	59.24	0.00	3801.34
MW - 10	09/25/02	3860.58	-	59.41	0.00	3801.17
MW - 10	12/10/02	3860.58	-	59.40	0.00	3801.18
MW - 10	03/10/03	3860.58	-	59.47	0.00	3801.11
MW - 10	06/09/03	3860.58	-	59.56	0.00	3801.02
MW - 10	09/03/03	3860.58	-	59.65	0.00	3800.93
MW - 10	12/08/03	3860.58	-	59.76	0.00	3800.82
MW - 10	03/01/04	3860.58	-	59.88	0.00	3800.70
MW - 10	05/19/04	3860.58	-	59.83	0.00	3800.75
MW - 10	08/26/04	3860.58	-	59.96	0.00	3800.62
MW - 10	12/09/04	3860.58	-	58.61	0.00	3801.97
MW - 10	03/17/05	3860.58	-	58.70	0.00	3801.88
MW - 10	06/15/05	3860.58	-	58.98	0.00	3801.60
MW - 10	09/14/05	3860.58	-	59.23	0.00	3801.35
MW - 10	12/13/05	3860.58	-	59.47	0.00	3801.11
MW - 10	03/15/06	3860.58	-	59.69	0.00	3800.89
MW - 10	06/14/06	3860.58	-	59.88	0.00	3800.70
MW - 10	09/13/06	3860.58	-	60.00	0.00	3800.58
MW - 10	12/06/06	3860.58	-	60.11	0.00	3800.47
MW - 10	03/01/07	3860.58	-	60.17	0.00	3800.41
MW - 10	05/24/07	3860.58	-	60.26	0.00	3800.32
MW - 10	08/23/07	3860.58	-	60.31	0.00	3800.27
MW - 10	11/08/07	3860.58	-	60.39	0.00	3800.19
MW - 10	03/04/08	3860.58	-	60.50	0.00	3800.08
MW - 10	06/11/08	3860.58	-	60.55	0.00	3800.03
MW - 10	09/09/08	3860.58	-	60.67	0.00	3799.91
MW - 10	12/11/08	3860.58	-	60.78	0.00	3799.80
MW - 10	02/26/09	3860.58	-	60.85	0.00	3799.73
MW - 10	05/21/09	3860.58	-	60.91	0.00	3799.67
MW - 10	08/18/09	3860.58	-	60.92	0.00	3799.66
MW - 10	12/09/09	3860.58	-	61.01	0.00	3799.57
MW - 10	01/06/10	3860.58	-	61.02	0.00	3799.56
MW - 10	02/22/10	3860.58	-	61.06	0.00	3799.52
MW - 10	06/04/10	3860.58	-	61.16	0.00	3799.42
MW - 10	08/26/10	3860.58	-	61.18	0.00	3799.40
MW - 10	11/30/10	3860.58	-	61.00	0.00	3799.58
MW - 10	03/08/11	3860.58	-	61.02	0.00	3799.56
MW - 10	05/25/11	3860.58	-	61.01	0.00	3799.57
MW - 10	08/19/11	3860.58	-	61.39	0.00	3799.19
MW - 10	11/15/11	3860.58	-	61.40	0.00	3799.18

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 10	11/30/11	3860.58	-	61.43	0.00	3799.15
MW - 10	02/29/12	3860.58	-	61.57	0.00	3799.01
MW - 10	03/09/12	3860.58	-	61.61	0.00	3798.97
MW - 10	05/01/12	3860.58	-	61.64	0.00	3798.94
MW - 10	08/10/12	3860.58	-	62.00	0.00	3798.58
MW - 10	11/27/12	3860.58	-	61.91	0.00	3798.67
MW - 10	02/21/13	3860.58	-	62.00	0.00	3798.58
MW - 10	05/15/13	3860.58	-	62.08	0.00	3798.50
MW - 10	08/21/13	3860.58	-	62.17	0.00	3798.41
MW - 10	11/11/13	3860.58	-	62.25	0.00	3798.33
MW - 10	02/20/14	3860.58	-	63.34	0.00	3797.24
MW - 10	05/20/14	3860.58	-	62.42	0.00	3798.16
MW - 10	07/29/14	3860.58	-	62.48	0.00	3798.10
MW - 10	08/19/14	3860.58	-	62.49	0.00	3798.09
MW - 10	10/30/14	3860.58	-	62.51	0.00	3798.07
MW - 10	11/24/14	3860.58	-	62.53	0.00	3798.05
MW - 11	03/24/00	3860.00	-	58.11	0.00	3801.89
MW - 11	06/14/00	3860.00	-	58.59	0.00	3801.41
MW - 11	09/22/00	3860.00	-	57.75	0.00	3802.25
MW - 11	12/28/00	3860.00	-	57.94	0.00	3802.06
MW - 11	03/14/01	3860.00	-	58.05	0.00	3801.95
MW - 11	06/06/01	3860.00	-	58.18	0.00	3801.82
MW - 11	09/28/01	3860.00	-	58.29	0.00	3801.71
MW - 11	11/17/01	3860.00	-	58.56	0.00	3801.44
MW - 11	03/26/02	3860.00	-	58.78	0.00	3801.22
MW - 11	06/26/02	3860.00	-	58.69	0.00	3801.31
MW - 11	09/25/02	3860.00	-	58.85	0.00	3801.15
MW - 11	12/10/02	3860.00	-	58.86	0.00	3801.14
MW - 11	03/10/03	3860.00	-	58.93	0.00	3801.07
MW - 11	06/09/03	3860.00	-	59.03	0.00	3800.97
MW - 11	09/03/03	3860.00	-	59.21	0.00	3800.79
MW - 11	12/08/03	3860.00	-	59.23	0.00	3800.77
MW - 11	03/01/04	3860.00	-	59.33	0.00	3800.67
MW - 11	05/19/04	3860.00	-	59.28	0.00	3800.72
MW - 11	08/26/04	3860.00	-	59.44	0.00	3800.56
MW - 11	12/09/04	3860.00	-	58.25	0.00	3801.75
MW - 11	03/17/05	3860.00	-	58.25	0.00	3801.75
MW - 11	06/15/05	3860.00	-	58.50	0.00	3801.50
MW - 11	09/14/05	3860.00	-	58.73	0.00	3801.27
MW - 11	12/13/05	3860.00	-	59.00	0.00	3801.00
MW - 11	03/15/06	3860.00	-	59.22	0.00	3800.78

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 11	06/14/06	3860.00	-	59.38	0.00	3800.62
MW - 11	09/13/06	3860.00	-	59.50	0.00	3800.50
MW - 11	12/06/06	3860.00	-	59.59	0.00	3800.41
MW - 11	03/01/07	3860.00	-	59.67	0.00	3800.33
MW - 11	05/24/07	3860.00	-	59.73	0.00	3800.27
MW - 11	08/23/07	3860.00	-	59.81	0.00	3800.19
MW - 11	11/08/07	3860.00	-	59.87	0.00	3800.13
MW - 11	03/04/08	3860.00	-	59.97	0.00	3800.03
MW - 11	06/11/08	3860.00	-	60.05	0.00	3799.95
MW - 11	09/09/08	3860.00	-	60.16	0.00	3799.84
MW - 11	12/11/08	3860.00	-	60.29	0.00	3799.71
MW - 11	02/26/09	3860.00	-	60.32	0.00	3799.68
MW - 11	05/22/09	3860.00	-	60.46	0.00	3799.54
MW - 11	08/18/09	3860.00	-	60.42	0.00	3799.58
MW - 11	12/10/09	3860.00	-	60.49	0.00	3799.51
MW - 11	01/06/10	3860.00	-	60.51	0.00	3799.49
MW - 11	02/02/10	3860.00	-	-	-	-
MW - 11	02/22/10	3860.00	-	60.56	0.00	3799.44
MW - 11	05/06/10	3860.00	-	60.51	0.00	3799.49
MW - 11	05/13/10	3860.00	-	60.53	0.00	3799.47
MW - 11	05/19/10	3860.00	-	60.54	0.00	3799.46
MW - 11	06/04/10	3860.00	-	60.64	0.00	3799.36
MW - 11	08/26/10	3860.00	-	60.67	0.00	3799.33
MW - 11	11/30/10	3860.00	-	60.51	0.00	3799.49
MW - 11	03/08/11	3860.00	-	60.50	0.00	3799.50
MW - 11	05/25/11	3860.00	-	60.51	0.00	3799.49
MW - 11	08/19/11	3860.00	60.56	62.40	1.84	3799.16
MW - 11	09/06/11	3860.00	60.50	62.95	2.45	3799.13
MW - 11	09/13/11	3860.00	60.60	62.42	1.82	3799.13
MW - 11	10/13/11	3860.00	60.55	62.78	2.23	3799.12
MW - 11	11/15/11	3860.00	60.63	63.33	2.70	3798.97
MW - 11	11/30/11	3860.00	60.51	63.45	2.94	3799.05
MW - 11	01/24/12	3860.00	60.55	63.59	3.04	3798.99
MW - 11	01/31/12	3860.00	60.62	63.31	2.69	3798.98
MW - 11	02/08/12	3860.00	60.67	63.59	2.92	3798.89
MW - 11	02/29/12	3860.00	60.63	63.65	3.02	3798.92
MW - 11	03/09/12	3860.00	60.72	63.38	2.66	3798.88
MW - 11	03/16/12	3860.00	60.67	63.57	2.90	3798.90
MW - 11	03/21/12	3860.00	60.79	63.06	2.27	3798.87
MW - 11	03/28/12	3860.00	60.75	63.25	2.50	3798.88
MW - 11	04/04/12	3860.00	60.74	63.27	2.53	3798.88
MW - 11	04/11/12	3860.00	59.77	63.33	3.56	3799.70

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 11	04/18/12	3860.00	60.78	63.33	2.55	3798.84
MW - 11	04/25/12	3860.00	60.77	63.26	2.49	3798.86
MW - 11	05/01/12	3860.00	60.71	63.43	2.72	3798.88
MW - 11	05/09/12	3860.00	60.77	63.26	2.49	3798.86
MW - 11	06/07/12	3860.00	60.74	63.84	3.10	3798.80
MW - 11	06/20/12	3860.00	60.75	63.91	3.16	3798.78
MW - 11	06/27/12	3860.00	60.77	63.87	3.10	3798.77
MW - 11	07/11/12	3860.00	60.80	63.96	3.16	3798.73
MW - 11	08/10/12	3860.00	61.06	63.78	2.72	3798.53
MW - 11	09/06/12	3860.00	60.84	64.04	3.20	3798.68
MW - 11	10/04/12	3860.00	60.97	64.22	3.25	3798.54
MW - 11	10/12/12	3860.00	61.01	63.66	2.65	3798.59
MW - 11	10/18/12	3860.00	60.96	63.97	3.01	3798.59
MW - 11	10/25/12	3860.00	61.05	63.49	2.44	3798.58
MW - 11	10/31/12	3860.00	61.01	63.65	2.64	3798.59
MW - 11	11/15/12	3860.00	61.19	62.81	1.62	3798.57
MW - 11	11/27/12	3860.00	61.04	63.81	2.77	3798.54
MW - 11	12/19/12	3860.00	60.97	64.29	3.32	3798.53
MW - 11	01/17/13	3860.00	61.01	64.23	3.22	3798.51
MW - 11	01/31/13	3860.00	61.02	64.33	3.31	3798.48
MW - 11	02/21/13	3860.00	61.03	64.38	3.35	3798.47
MW - 11	03/05/13	3860.00	61.05	64.38	3.33	3798.45
MW - 11	03/21/13	3860.00	61.03	64.37	3.34	3798.47
MW - 11	04/04/13	3860.00	61.08	64.44	3.36	3798.42
MW - 11	04/11/13	3860.00	61.43	62.33	0.90	3798.44
MW - 11	04/18/13	3860.00	61.29	63.40	2.11	3798.39
MW - 11	04/25/13	3860.00	61.17	63.96	2.79	3798.41
MW - 11	05/01/13	3860.00	61.14	64.38	3.24	3798.37
MW - 11	05/10/13	3860.00	61.15	64.13	2.98	3798.40
MW - 11	05/15/13	3860.00	61.20	63.98	2.78	3798.38
MW - 11	05/24/13	3860.00	61.13	64.45	3.32	3798.37
MW - 11	05/30/13	3860.00	61.22	64.00	2.78	3798.36
MW - 11	06/06/13	3860.00	61.18	64.21	3.03	3798.37
MW - 11	06/14/13	3860.00	61.17	64.35	3.18	3798.35
MW - 11	06/20/13	3860.00	61.30	63.64	2.34	3798.35
MW - 11	06/27/13	3860.00	61.24	63.85	2.61	3798.37
MW - 11	07/03/13	3860.00	61.24	64.05	2.81	3798.34
MW - 11	07/10/13	3860.00	61.27	63.84	2.57	3798.34
MW - 11	07/25/13	3860.00	61.18	64.47	3.29	3798.33
MW - 11	07/31/13	3860.00	61.19	64.45	3.26	3798.32
MW - 11	08/20/13	3860.00	61.17	64.67	3.50	3798.31
MW - 11	08/29/13	3860.00	61.16	64.62	3.46	3798.32

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 11	09/09/13	3860.00	61.20	64.59	3.39	3798.29
MW - 11	09/18/13	3860.00	61.22	64.57	3.35	3798.28
MW - 11	09/27/13	3860.00	61.22	64.52	3.30	3798.29
MW - 11	10/02/13	3860.00	61.28	64.42	3.14	3798.25
MW - 11	10/08/13	3860.00	61.22	64.42	3.20	3798.30
MW - 11	10/16/13	3860.00	61.61	63.08	1.47	3798.17
MW - 11	10/24/13	3860.00	61.18	64.63	3.45	3798.30
MW - 11	10/31/13	3860.00	61.22	64.53	3.31	3798.28
MW - 11	11/11/13	3860.00	61.42	66.64	5.22	3797.80
MW - 11	12/11/13	3860.00	61.27	64.73	3.46	3798.21
MW - 11	12/17/13	3860.00	61.28	64.81	3.53	3798.19
MW - 11	01/03/14	3860.00	61.31	64.84	3.53	3798.16
MW - 11	01/09/14	3860.00	61.90	64.70	2.80	3797.68
MW - 11	01/15/14	3860.00	61.24	64.70	3.46	3798.24
MW - 11	01/22/14	3860.00	61.29	64.80	3.51	3798.18
MW - 11	01/29/14	3860.00	61.29	64.82	3.53	3798.18
MW - 11	02/20/14	3860.00	61.28	64.87	3.59	3798.18
MW - 11	03/04/14	3860.00	61.28	64.84	3.56	3798.19
MW - 11	03/11/14	3860.00	61.34	64.92	3.58	3798.12
MW - 11	03/18/14	3860.00	61.33	64.93	3.60	3798.13
MW - 11	03/29/14	3860.00	61.35	64.92	3.57	3798.11
MW - 11	04/01/14	3860.00	61.43	64.48	3.05	3798.11
MW - 11	04/08/14	3860.00	61.35	64.82	3.47	3798.13
MW - 11	04/18/14	3860.00	61.35	64.93	3.58	3798.11
MW - 11	04/23/14	3860.00	61.41	64.69	3.28	3798.10
MW - 11	05/05/14	3860.00	61.35	64.95	3.60	3798.11
MW - 11	05/16/14	3860.00	61.36	64.96	3.60	3798.10
MW - 11	05/20/14	3860.00	61.54	64.48	2.94	3798.02
MW - 11	05/30/14	3860.00	61.47	64.97	3.50	3798.01
MW - 11	06/18/14	3860.00	61.40	65.05	3.65	3798.05
MW - 11	06/27/14	3860.00	61.46	65.09	3.63	3798.00
MW - 11	07/02/14	3860.00	61.44	65.00	3.56	3798.03
MW - 11	07/10/14	3860.00	61.42	65.03	3.61	3798.04
MW - 11	07/29/14	3860.00	61.45	64.90	3.45	3798.03
MW - 11	07/30/14	3860.00	61.45	64.90	3.45	3798.03
MW - 11	08/08/14	3860.00	61.44	65.08	3.64	3798.01
MW - 11	08/19/14	3860.00	61.44	65.08	3.64	3798.01
MW - 11	09/04/14	3860.00	61.50	65.20	3.70	3797.95
MW - 11	09/11/14	3860.00	61.53	65.03	3.50	3797.95
MW - 11	10/16/14	3860.00	61.44	65.12	3.68	3798.01
MW - 11	10/22/14	3860.00	61.50	64.90	3.40	3797.99
MW - 11	10/23/14	3860.00	61.50	64.90	3.40	3797.99

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 11	11/24/14	3860.00	61.52	65.21	3.69	3797.93
MW - 11	12/05/14	3860.00	61.53	65.26	3.73	3797.91
MW - 11	12/12/14	3860.00	61.52	65.29	3.77	3797.91
MW - 11	12/19/14	3860.00	61.53	65.11	3.58	3797.93
MW - 12	03/24/00	3863.10	-	58.55	0.00	3804.55
MW - 12	06/14/00	3863.10	-	59.05	0.00	3804.05
MW - 12	09/22/00	3863.10	-	57.80	0.00	3805.30
MW - 12	12/28/00	3863.10	-	58.18	0.00	3804.92
MW - 12	03/14/01	3863.10	-	58.28	0.00	3804.82
MW - 12	06/06/01	3863.10	-	58.47	0.00	3804.63
MW - 12	09/28/01	3863.10	-	58.53	0.00	3804.57
MW - 12	11/17/01	3863.10	-	58.84	0.00	3804.26
MW - 12	03/26/02	3863.10	-	59.04	0.00	3804.06
MW - 12	06/26/02	3863.10	-	59.12	0.00	3803.98
MW - 12	09/25/02	3863.10	-	59.29	0.00	3803.81
MW - 12	12/09/02	3863.10	-	59.30	0.00	3803.80
MW - 12	03/10/03	3863.10	-	59.35	0.00	3803.75
MW - 12	06/09/03	3863.10	-	59.41	0.00	3803.69
MW - 12	09/03/03	3863.10	-	59.53	0.00	3803.57
MW - 12	12/08/03	3863.10	-	59.67	0.00	3803.43
MW - 12	03/01/04	3863.10	-	59.82	0.00	3803.28
MW - 12	05/19/04	3863.10	-	59.45	0.00	3803.65
MW - 12	08/26/04	3863.10	-	59.84	0.00	3803.26
MW - 12	12/09/04	3863.10	-	57.85	0.00	3805.25
MW - 12	03/17/05	3863.10	-	58.32	0.00	3804.78
MW - 12	06/15/05	3863.10	-	58.71	0.00	3804.39
MW - 12	09/14/05	3863.10	-	59.04	0.00	3804.06
MW - 12	12/13/05	3863.10	-	59.36	0.00	3803.74
MW - 12	03/15/06	3863.10	-	59.53	0.00	3803.57
MW - 12	06/14/06	3863.10	-	59.86	0.00	3803.24
MW - 12	09/13/06	3863.10	-	59.96	0.00	3803.14
MW - 12	12/06/06	3863.10	-	60.08	0.00	3803.02
MW - 12	03/01/07	3863.10	-	60.16	0.00	3802.94
MW - 12	05/24/07	3863.10	-	60.27	0.00	3802.83
MW - 12	08/23/07	3863.10	-	60.34	0.00	3802.76
MW - 12	11/08/07	3863.10	-	60.39	0.00	3802.71
MW - 12	03/04/08	3863.10	-	60.52	0.00	3802.58
MW - 12	06/11/08	3863.10	-	60.60	0.00	3802.50
MW - 12	09/09/08	3863.10	-	60.70	0.00	3802.40
MW - 12	12/11/08	3863.10	-	60.87	0.00	3802.23
MW - 12	02/26/09	3863.10	-	60.93	0.00	3802.17

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

TNM SPS - 11
 PLAINS MARKETING, L.P.
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 12	05/21/09	3863.10	-	61.04	0.00	3802.06
MW - 12	08/18/09	3863.10	-	60.91	0.00	3802.19
MW - 12	12/09/09	3863.10	-	61.09	0.00	3802.01
MW - 12	01/06/10	3863.10	-	69.07	0.00	3794.03
MW - 12	02/22/10	3863.10	-	61.15	0.00	3801.95
MW - 12	06/04/10	3863.10	-	61.27	0.00	3801.83
MW - 12	08/26/10	3863.10	-	61.25	0.00	3801.85
MW - 12	11/30/10	3863.10	-	61.10	0.00	3802.00
MW - 12	03/08/11	3863.10	-	61.11	0.00	3801.99
MW - 12	05/25/11	3863.10	-	61.11	0.00	3801.99
MW - 12	08/18/11	3863.10	-	61.48	0.00	3801.62
MW - 12	11/15/11	3863.10	-	61.52	0.00	3801.58
MW - 12	02/29/12	3863.10	-	61.66	0.00	3801.44
MW - 12	05/01/12	3863.10	-	61.73	0.00	3801.37
MW - 12	08/10/12	3863.10	-	62.08	0.00	3801.02
MW - 12	11/27/12	3863.10	-	62.02	0.00	3801.08
MW - 12	02/21/13	3863.10	-	61.12	0.00	3801.98
MW - 12	05/15/13	3863.10	-	62.19	0.00	3800.91
MW - 12	08/21/13	3863.10	-	62.29	0.00	3800.81
MW - 12	11/11/13	3863.10	-	62.38	0.00	3800.72
MW - 12	02/20/14	3863.10	-	62.45	0.00	3800.65
MW - 12	05/20/14	3863.10	-	62.56	0.00	3800.54
MW - 12	07/29/14	3863.10	-	62.61	0.00	3800.49
MW - 12	08/19/14	3863.10	-	61.62	0.00	3801.48
MW - 12	10/30/14	3863.10	-	62.43	0.00	3800.67
MW - 12	11/24/14	3863.10	-	62.50	0.00	3800.60
MW - 13	03/24/01	3862.44	-	56.92	0.00	3805.52
MW - 13	06/14/01	3862.44	-	57.42	0.00	3805.02
MW - 13	09/22/00	3862.44	-	56.24	0.00	3806.20
MW - 13	12/28/00	3862.44	-	56.58	0.00	3805.86
MW - 13	03/14/01	3862.44	-	56.72	0.00	3805.72
MW - 13	06/06/01	3862.44	-	56.88	0.00	3805.56
MW - 13	09/28/01	3862.44	-	56.98	0.00	3805.46
MW - 13	11/17/01	3862.44	-	57.21	0.00	3805.23
MW - 13	03/26/02	3862.44	-	57.52	0.00	3804.92
MW - 13	06/26/02	3862.44	-	57.48	0.00	3804.96
MW - 13	09/25/02	3862.44	-	57.62	0.00	3804.82
MW - 13	12/09/02	3862.44	-	57.65	0.00	3804.79
MW - 13	03/10/03	3862.44	-	57.66	0.00	3804.78
MW - 13	06/09/03	3862.44	-	57.70	0.00	3804.74
MW - 13	09/03/03	3862.44	-	57.94	0.00	3804.50

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

TNM SPS - 11
 PLAINS MARKETING, L.P.
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 13	12/08/03	3862.44	-	58.00	0.00	3804.44
MW - 13	03/01/04	3862.44	-	58.17	0.00	3804.27
MW - 13	05/19/04	3862.44	-	57.96	0.00	3804.48
MW - 13	08/26/04	3862.44	-	58.23	0.00	3804.21
MW - 13	12/09/04	3862.44	-	56.59	0.00	3805.85
MW - 13	03/17/05	3862.44	-	56.70	0.00	3805.74
MW - 13	06/15/05	3862.44	-	57.13	0.00	3805.31
MW - 13	09/14/05	3862.44	-	57.44	0.00	3805.00
MW - 13	12/13/05	3862.44	-	57.67	0.00	3804.77
MW - 13	03/15/06	3862.44	-	57.94	0.00	3804.50
MW - 13	06/14/06	3862.44	-	58.19	0.00	3804.25
MW - 13	09/13/06	3862.44	-	58.32	0.00	3804.12
MW - 13	12/05/06	3862.44	-	59.38	0.00	3803.06
MW - 13	03/01/07	3862.44	-	58.56	0.00	3803.88
MW - 13	05/24/07	3862.44	-	58.63	0.00	3803.81
MW - 13	08/23/07	3862.44	-	58.69	0.00	3803.75
MW - 13	11/08/07	3862.44	-	58.34	0.00	3804.10
MW - 13	03/04/08	3862.44	-	58.84	0.00	3803.60
MW - 13	06/11/08	3862.44	-	59.80	0.00	3802.64
MW - 13	09/09/08	3862.44	-	59.07	0.00	3803.37
MW - 13	12/11/08	3862.44	-	59.19	0.00	3803.25
MW - 13	02/27/09	3862.44	-	59.29	0.00	3803.15
MW - 13	05/21/09	3862.44	-	59.46	0.00	3802.98
MW - 13	08/18/09	3862.44	-	59.34	0.00	3803.10
MW - 13	12/09/09	3862.44	-	59.44	0.00	3803.00
MW - 13	01/06/10	3862.44	-	59.46	0.00	3802.98
MW - 13	02/22/10	3862.44	-	59.51	0.00	3802.93
MW - 13	06/04/10	3862.44	-	59.67	0.00	3802.77
MW - 13	08/26/10	3862.44	-	59.69	0.00	3802.75
MW - 13	11/30/10	3862.44	-	59.43	0.00	3803.01
MW - 13	03/08/11	3862.44	-	59.43	0.00	3803.01
MW - 13	05/25/11	3862.44	-	59.43	0.00	3803.01
MW - 13	08/18/11	3862.44	-	59.74	0.00	3802.70
MW - 13	11/15/11	3862.44	-	59.90	0.00	3802.54
MW - 13	02/29/12	3862.44	-	60.12	0.00	3802.32
MW - 13	05/01/12	3862.44	-	60.13	0.00	3802.31
MW - 13	08/10/12	3862.44	-	60.48	0.00	3801.96
MW - 13	11/27/12	3862.44	-	60.45	0.00	3801.99
MW - 13	02/21/13	3862.44	-	60.54	0.00	3801.90
MW - 13	05/15/13	3862.44	-	60.61	0.00	3801.83
MW - 13	08/20/13	3862.44	-	60.73	0.00	3801.71
MW - 13	11/11/13	3862.44	-	60.80	0.00	3801.64

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 13	02/19/14	3862.44	-	60.89	0.00	3801.55
MW - 13	05/20/14	3862.44	-	60.98	0.00	3801.46
MW - 13	07/29/14	3862.44	-	61.03	0.00	3801.41
MW - 13	08/19/14	3862.44	-	61.03	0.00	3801.41
MW - 13	10/30/14	3862.44	-	60.98	0.00	3801.46
MW - 13	11/24/14	3862.44	-	61.01	0.00	3801.43
MW - 14	03/24/00	3862.95	-	57.97	0.00	3804.98
MW - 14	06/14/00	3862.95	-	58.40	0.00	3804.55
MW - 14	09/22/00	3862.95	-	57.57	0.00	3805.38
MW - 14	12/28/00	3862.95	-	57.72	0.00	3805.23
MW - 14	03/14/01	3862.95	-	57.88	0.00	3805.07
MW - 14	06/06/01	3862.95	-	58.02	0.00	3804.93
MW - 14	09/28/01	3862.95	-	58.14	0.00	3804.81
MW - 14	11/17/01	3862.95	-	58.58	0.00	3804.37
MW - 14	03/26/02	3862.95	-	58.61	0.00	3804.34
MW - 14	06/26/02	3862.95	-	58.52	0.00	3804.43
MW - 14	09/25/02	3862.95	-	58.74	0.00	3804.21
MW - 14	12/09/02	3862.95	-	58.75	0.00	3804.20
MW - 14	03/10/03	3862.95	-	58.80	0.00	3804.15
MW - 14	06/09/03	3862.95	-	58.93	0.00	3804.02
MW - 14	09/03/03	3862.95	-	59.04	0.00	3803.91
MW - 14	12/08/03	3862.95	-	59.15	0.00	3803.80
MW - 14	03/01/04	3862.95	-	59.32	0.00	3803.63
MW - 14	05/19/04	3862.95	-	59.23	0.00	3803.72
MW - 14	08/26/04	3862.95	-	59.42	0.00	3803.53
MW - 14	12/09/04	3862.95	-	58.06	0.00	3804.89
MW - 14	03/17/05	3862.95	-	58.00	0.00	3804.95
MW - 14	06/15/05	3862.95	-	58.27	0.00	3804.68
MW - 14	09/15/05	3862.95	-	58.71	0.00	3804.24
MW - 14	12/13/05	3862.95	-	58.96	0.00	3803.99
MW - 14	03/15/06	3862.95	-	59.15	0.00	3803.80
MW - 14	06/14/06	3862.95	-	59.34	0.00	3803.61
MW - 14	09/13/06	3862.95	-	59.49	0.00	3803.46
MW - 14	12/06/06	3862.95	-	59.62	0.00	3803.33
MW - 14	03/01/07	3862.95	-	59.74	0.00	3803.21
MW - 14	05/24/07	3862.95	-	59.80	0.00	3803.15
MW - 14	08/23/07	3862.95	-	59.84	0.00	3803.11
MW - 14	11/08/07	3862.95	-	59.90	0.00	3803.05
MW - 14	03/04/08	3862.95	-	59.99	0.00	3802.96
MW - 14	06/11/08	3862.95	-	60.13	0.00	3802.82
MW - 14	09/09/08	3862.95	-	60.24	0.00	3802.71

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

TNM SPS - 11
 PLAINS MARKETING, L.P.
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 14	12/11/08	3862.95	-	60.39	0.00	3802.56
MW - 14	01/02/09	3862.95	-	60.41	0.00	3802.54
MW - 14	01/08/09	3862.95	-	57.23	0.00	3805.72
MW - 14	02/12/09	3862.95	-	60.44	0.00	3802.51
MW - 14	02/19/09	3862.95	-	60.46	0.00	3802.49
MW - 14	02/26/09	3862.95	-	60.45	0.00	3802.50
MW - 14	03/04/09	3862.95	-	60.57	0.00	3802.38
MW - 14	03/16/09	3862.95	-	60.60	0.00	3802.35
MW - 14	03/19/09	3862.95	-	60.63	0.00	3802.32
MW - 14	03/24/09	3862.95	-	60.53	0.00	3802.42
MW - 14	04/08/09	3862.95	-	60.62	0.00	3802.33
MW - 14	04/15/09	3862.95	-	60.51	0.00	3802.44
MW - 14	04/17/09	3862.95	-	60.58	0.00	3802.37
MW - 14	04/21/09	3862.95	-	60.56	0.00	3802.39
MW - 14	04/29/09	3862.95	-	60.54	0.00	3802.41
MW - 14	05/06/09	3862.95	-	60.54	0.00	3802.41
MW - 14	05/22/09	3862.95	-	60.62	0.00	3802.33
MW - 14	06/01/09	3862.95	-	60.56	0.00	3802.39
MW - 14	06/09/09	3862.95	-	60.62	0.00	3802.33
MW - 14	06/23/09	3862.95	-	60.56	0.00	3802.39
MW - 14	06/30/09	3862.95	-	60.59	0.00	3802.36
MW - 14	07/10/09	3862.95	-	60.53	0.00	3802.42
MW - 14	07/17/09	3862.95	-	60.52	0.00	3802.43
MW - 14	07/24/09	3862.95	-	60.54	0.00	3802.41
MW - 14	08/04/09	3862.95	-	60.52	0.00	3802.43
MW - 14	08/18/09	3862.95	-	60.59	0.00	3802.36
MW - 14	08/26/09	3862.95	-	62.50	0.00	3800.45
MW - 14	10/08/09	3862.95	-	60.52	0.00	3802.43
MW - 14	12/10/09	3862.95	-	60.69	0.00	3802.26
MW - 14	01/06/10	3862.95	-	60.66	0.00	3802.29
MW - 14	02/02/10	3862.95	-	-	-	-
MW - 14	02/22/10	3862.95	-	60.73	0.00	3802.22
MW - 14	05/06/10	3862.95	-	60.66	0.00	3802.29
MW - 14	05/13/10	3862.95	-	60.64	0.00	3802.31
MW - 14	05/19/10	3862.95	-	60.63	0.00	3802.32
MW - 14	06/04/10	3862.95	-	60.84	0.00	3802.11
MW - 14	08/26/10	3862.95	-	60.82	0.00	3802.13
MW - 14	11/30/10	3862.95	-	60.72	0.00	3802.23
MW - 14	03/08/11	3862.95	-	60.70	0.00	3802.25
MW - 14	05/25/11	3862.95	-	60.70	0.00	3802.25
MW - 14	08/19/11	3862.95	-	61.09	0.00	3801.86
MW - 14	11/15/11	3862.95	-	61.06	0.00	3801.89

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

TNM SPS - 11
 PLAINS MARKETING, L.P.
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 14	11/30/11	3862.95	-	61.09	0.00	3801.86
MW - 14	01/24/12	3862.95	-	61.20	0.00	3801.75
MW - 14	01/31/12	3862.95	-	61.24	0.00	3801.71
MW - 14	02/08/12	3862.95	-	61.22	0.00	3801.73
MW - 14	02/29/12	3862.95	-	61.21	0.00	3801.74
MW - 14	03/09/12	3862.95	-	61.32	0.00	3801.63
MW - 14	03/16/12	3862.95	-	61.31	0.00	3801.64
MW - 14	03/21/12	3862.95	-	61.30	0.00	3801.65
MW - 14	03/28/12	3862.95	-	61.31	0.00	3801.64
MW - 14	04/04/12	3862.95	-	61.32	0.00	3801.63
MW - 14	04/11/12	3862.95	-	61.29	0.00	3801.66
MW - 14	04/18/12	3862.95	-	61.31	0.00	3801.64
MW - 14	04/25/12	3862.95	-	61.30	0.00	3801.65
MW - 14	05/01/12	3862.95	-	61.30	0.00	3801.65
MW - 14	05/09/12	3862.95	-	61.30	0.00	3801.65
MW - 14	06/07/12	3862.95	-	61.34	0.00	3801.61
MW - 14	06/20/12	3862.95	-	61.39	0.00	3801.56
MW - 14	06/27/12	3862.95	-	61.38	0.00	3801.57
MW - 14	07/11/12	3862.95	-	61.43	0.00	3801.52
MW - 14	08/10/12	3862.95	-	61.65	0.00	3801.30
MW - 14	09/06/12	3862.95	-	61.45	0.00	3801.50
MW - 14	10/04/12	3862.95	-	61.59	0.00	3801.36
MW - 14	10/12/12	3862.95	-	61.55	0.00	3801.40
MW - 14	10/18/12	3862.95	-	61.58	0.00	3801.37
MW - 14	10/25/12	3862.95	-	61.58	0.00	3801.37
MW - 14	10/31/12	3862.95	-	61.61	0.00	3801.34
MW - 14	11/15/12	3862.95	-	61.61	0.00	3801.34
MW - 14	11/27/12	3862.95	-	61.60	0.00	3801.35
MW - 14	12/19/12	3862.95	-	61.63	0.00	3801.32
MW - 14	01/17/13	3862.95	-	61.63	0.00	3801.32
MW - 14	01/31/13	3862.95	-	61.64	0.00	3801.31
MW - 14	02/21/13	3862.95	-	61.65	0.00	3801.30
MW - 14	03/05/13	3862.95	-	61.72	0.00	3801.23
MW - 14	03/21/13	3862.95	-	61.66	0.00	3801.29
MW - 14	04/04/13	3862.95	-	61.73	0.00	3801.22
MW - 14	04/11/13	3862.95	-	61.71	0.00	3801.24
MW - 14	04/18/13	3862.95	-	61.76	0.00	3801.19
MW - 14	04/25/13	3862.95	-	61.75	0.00	3801.20
MW - 14	05/01/13	3862.95	-	61.78	0.00	3801.17
MW - 14	05/10/13	3862.95	-	61.78	0.00	3801.17
MW - 14	05/15/13	3862.95	-	61.73	0.00	3801.22
MW - 14	05/24/13	3862.95	-	61.81	0.00	3801.14

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 14	05/30/13	3862.95	-	61.80	0.00	3801.15
MW - 14	06/06/13	3862.95	-	61.81	0.00	3801.14
MW - 14	06/14/13	3862.95	-	61.82	0.00	3801.13
MW - 14	06/20/13	3862.95	-	61.81	0.00	3801.14
MW - 14	06/27/13	3862.95	-	61.81	0.00	3801.14
MW - 14	07/03/13	3862.95	-	61.83	0.00	3801.12
MW - 14	07/10/13	3862.95	-	61.84	0.00	3801.11
MW - 14	07/25/13	3862.95	-	61.84	0.00	3801.11
MW - 14	07/31/13	3862.95	-	61.82	0.00	3801.13
MW - 14	08/21/13	3862.95	-	61.89	0.00	3801.06
MW - 14	08/29/13	3862.95	-	61.86	0.00	3801.09
MW - 14	09/09/13	3862.95	-	61.95	0.00	3801.00
MW - 14	09/18/13	3862.95	-	61.94	0.00	3801.01
MW - 14	09/27/13	3862.95	-	61.95	0.00	3801.00
MW - 14	10/02/13	3862.95	-	61.98	0.00	3800.97
MW - 14	10/08/13	3862.95	-	61.93	0.00	3801.02
MW - 14	10/16/13	3862.95	-	61.96	0.00	3800.99
MW - 14	10/24/13	3862.95	-	61.87	0.00	3801.08
MW - 14	10/31/13	3862.95	-	61.86	0.00	3801.09
MW - 14	11/11/13	3862.95	-	61.93	0.00	3801.02
MW - 14	12/11/13	3862.95	-	62.03	0.00	3800.92
MW - 14	12/17/13	3862.95	-	61.97	0.00	3800.98
MW - 14	01/03/14	3862.95	-	62.04	0.00	3800.91
MW - 14	01/09/14	3862.95	-	61.97	0.00	3800.98
MW - 14	01/15/14	3862.95	-	61.98	0.00	3800.97
MW - 14	01/22/14	3862.95	-	62.06	0.00	3800.89
MW - 14	01/29/14	3862.95	-	62.02	0.00	3800.93
MW - 14	02/20/14	3862.95	-	61.95	0.00	3801.00
MW - 14	03/04/14	3862.95	-	61.98	0.00	3800.97
MW - 14	03/11/14	3862.95	-	62.12	0.00	3800.83
MW - 14	03/18/14	3862.95	-	62.08	0.00	3800.87
MW - 14	03/29/14	3862.95	-	62.08	0.00	3800.87
MW - 14	04/01/14	3862.95	-	62.06	0.00	3800.89
MW - 14	04/08/14	3862.95	-	62.05	0.00	3800.90
MW - 14	04/18/14	3862.95	-	62.05	0.00	3800.90
MW - 14	04/23/14	3862.95	-	62.08	0.00	3800.87
MW - 14	05/05/14	3862.95	-	62.08	0.00	3800.87
MW - 14	05/16/14	3862.95	-	62.07	0.00	3800.88
MW - 14	05/20/14	3862.95	-	62.15	0.00	3800.80
MW - 14	05/30/14	3862.95	-	62.14	0.00	3800.81
MW - 14	06/18/14	3862.95	-	62.16	0.00	3800.79
MW - 14	06/27/14	3862.95	-	62.15	0.00	3800.80

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

TNM SPS - 11
 PLAINS MARKETING, L.P.
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 14	07/02/14	3862.95	-	62.18	0.00	3800.77
MW - 14	07/10/14	3862.95	-	62.15	0.00	3800.80
MW - 14	07/29/14	3862.95	-	62.21	0.00	3800.74
MW - 14	07/30/14	3862.95	-	62.21	0.00	3800.74
MW - 14	08/08/14	3862.95	-	62.18	0.00	3800.77
MW - 14	08/19/14	3862.95	-	62.15	0.00	3800.80
MW - 14	08/20/14	3862.95	-	62.18	0.00	3800.77
MW - 14	09/04/14	3862.95	-	62.18	0.00	3800.77
MW - 14	09/11/14	3862.95	-	62.23	0.00	3800.72
MW - 14	10/16/14	3862.95	-	62.13	0.00	3800.82
MW - 14	10/22/14	3862.95	-	62.17	0.00	3800.78
MW - 14	10/30/14	3863.95	-	62.21	0.00	3801.74
MW - 14	11/24/14	3863.95	-	62.17	0.00	3801.78
MW - 14	12/02/14	3863.95	-	62.14	0.00	3801.81
MW - 14	12/12/14	3863.95	-	62.16	0.00	3801.79
MW - 14	12/19/14	3863.95	-	62.19	0.00	3801.76
MW - 15	03/24/00	3861.70	-	57.11	0.00	3804.59
MW - 15	06/14/00	3861.70	-	57.51	0.00	3804.19
MW - 15	09/22/00	3861.70	-	56.76	0.00	3804.94
MW - 15	12/28/00	3861.70	-	56.89	0.00	3804.81
MW - 15	03/14/01	3861.70	-	57.00	0.00	3804.70
MW - 15	06/06/01	3861.70	-	57.15	0.00	3804.55
MW - 15	09/28/01	3861.70	-	57.25	0.00	3804.45
MW - 15	11/17/01	3861.70	-	57.50	0.00	3804.20
MW - 15	03/26/02	3861.70	-	57.57	0.00	3804.13
MW - 15	06/26/02	3861.70	-	57.73	0.00	3803.97
MW - 15	09/25/02	3861.70	-	57.90	0.00	3803.80
MW - 15	12/09/02	3861.70	-	57.89	0.00	3803.81
MW - 15	03/10/03	3861.70	-	57.95	0.00	3803.75
MW - 15	06/09/03	3861.70	-	58.08	0.00	3803.62
MW - 15	09/03/03	3861.70	-	58.19	0.00	3803.51
MW - 15	12/08/03	3861.70	-	58.29	0.00	3803.41
MW - 15	03/01/04	3861.70	-	58.45	0.00	3803.25
MW - 15	05/19/04	3861.70	-	58.41	0.00	3803.29
MW - 15	08/26/04	3861.70	-	58.57	0.00	3803.13
MW - 15	12/09/04	3861.70	-	57.38	0.00	3804.32
MW - 15	03/17/05	3861.70	-	57.23	0.00	3804.47
MW - 15	06/15/05	3861.70	-	57.55	0.00	3804.15
MW - 15	09/14/05	3861.70	-	57.79	0.00	3803.91
MW - 15	12/13/05	3861.70	-	58.13	0.00	3803.57
MW - 15	03/15/06	3861.70	-	58.35	0.00	3803.35

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

TNM SPS - 11
 PLAINS MARKETING, L.P.
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 15	06/14/06	3861.70	-	58.55	0.00	3803.15
MW - 15	09/13/06	3861.70	-	58.66	0.00	3803.04
MW - 15	12/05/06	3861.70	-	58.73	0.00	3802.97
MW - 15	03/01/07	3861.70	-	58.84	0.00	3802.86
MW - 15	05/24/07	3861.70	-	58.96	0.00	3802.74
MW - 15	08/23/07	3861.70	-	59.00	0.00	3802.70
MW - 15	11/08/07	3861.70	-	59.06	0.00	3802.64
MW - 15	03/04/08	3861.70	-	59.17	0.00	3802.53
MW - 15	06/11/08	3861.70	-	59.27	0.00	3802.43
MW - 15	09/09/08	3861.70	-	59.40	0.00	3802.30
MW - 15	12/11/08	3861.70	-	59.63	0.00	3802.07
MW - 15	02/26/09	3861.70	-	59.38	0.00	3802.32
MW - 15	05/21/09	3861.70	-	61.34	0.00	3800.36
MW - 15	08/18/09	3861.70	-	59.71	0.00	3801.99
MW - 15	12/09/09	3861.70	-	59.79	0.00	3801.91
MW - 15	01/06/10	3861.70	-	59.80	0.00	3801.90
MW - 15	02/22/10	3861.70	-	59.84	0.00	3801.86
MW - 15	06/04/10	3861.70	-	59.96	0.00	3801.74
MW - 15	08/26/10	3861.70	-	59.94	0.00	3801.76
MW - 15	11/30/10	3861.70	-	59.88	0.00	3801.82
MW - 15	03/08/11	3861.70	-	58.89	0.00	3802.81
MW - 15	05/25/11	3861.70	-	59.88	0.00	3801.82
MW - 15	08/18/11	3861.70	-	60.25	0.00	3801.45
MW - 15	11/15/11	3861.70	-	60.18	0.00	3801.52
MW - 15	02/29/12	3861.70	-	60.31	0.00	3801.39
MW - 15	05/01/12	3861.70	-	60.42	0.00	3801.28
MW - 15	08/10/12	3861.70	-	60.77	0.00	3800.93
MW - 15	11/27/12	3861.70	-	60.89	0.00	3800.81
MW - 15	02/21/13	3861.70	-	60.76	0.00	3800.94
MW - 15	05/15/13	3861.70	-	60.84	0.00	3800.86
MW - 15	08/21/13	3861.70	-	60.93	0.00	3800.77
MW - 15	11/11/13	3861.70	-	61.02	0.00	3800.68
MW - 15	02/20/14	3861.70	-	61.08	0.00	3800.62
MW - 15	05/20/14	3861.70	-	61.16	0.00	3800.54
MW - 15	07/29/14	3861.70	-	61.26	0.00	3800.44
MW - 15	08/19/14	3861.70	-	61.24	0.00	3800.46
MW - 15	10/30/14	3861.70	-	61.24	0.00	3800.46
MW - 15	11/24/14	3861.70	-	61.29	0.00	3800.41
MW - 16	03/24/00	3863.15	-	56.81	0.00	3806.34
MW - 16	06/14/00	3863.15	-	57.24	0.00	3805.91
MW - 16	09/22/00	3863.15	-	56.46	0.00	3806.69

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 16	12/28/00	3863.15	-	56.64	0.00	3806.51
MW - 16	03/14/01	3863.15	-	56.73	0.00	3806.42
MW - 16	06/06/01	3863.15	-	56.85	0.00	3806.30
MW - 16	09/28/01	3863.15	-	56.99	0.00	3806.16
MW - 16	11/17/01	3863.15	-	57.28	0.00	3805.87
MW - 16	03/26/02	3863.15	-	57.43	0.00	3805.72
MW - 16	06/26/02	3863.15	-	57.43	0.00	3805.72
MW - 16	09/25/02	3863.15	-	57.58	0.00	3805.57
MW - 16	12/10/02	3863.15	-	57.59	0.00	3805.56
MW - 16	03/10/03	3863.15	-	57.65	0.00	3805.50
MW - 16	06/09/03	3863.15	-	57.78	0.00	3805.37
MW - 16	09/03/03	3863.15	-	57.90	0.00	3805.25
MW - 16	12/08/03	3863.15	-	58.02	0.00	3805.13
MW - 16	03/01/04	3863.15	-	58.18	0.00	3804.97
MW - 16	05/19/04	3863.15	-	58.18	0.00	3804.97
MW - 16	08/26/04	3863.15	-	58.31	0.00	3804.84
MW - 16	12/09/04	3863.15	-	57.18	0.00	3805.97
MW - 16	03/17/05	3863.15	-	56.88	0.00	3806.27
MW - 16	06/15/05	3863.15	-	57.16	0.00	3805.99
MW - 16	09/15/05	3863.15	-	57.58	0.00	3805.57
MW - 16	12/13/05	3863.15	-	57.81	0.00	3805.34
MW - 16	03/15/06	3863.15	-	58.07	0.00	3805.08
MW - 16	06/14/06	3863.15	-	58.24	0.00	3804.91
MW - 16	09/13/06	3863.15	-	58.36	0.00	3804.79
MW - 16	12/06/06	3863.15	-	58.54	0.00	3804.61
MW - 16	03/01/07	3863.15	-	58.57	0.00	3804.58
MW - 16	05/24/07	3863.15	-	58.69	0.00	3804.46
MW - 16	08/23/07	3863.15	-	58.72	0.00	3804.43
MW - 16	11/08/07	3863.15	-	58.79	0.00	3804.36
MW - 16	03/04/08	3863.15	-	58.90	0.00	3804.25
MW - 16	06/11/08	3863.15	-	59.01	0.00	3804.14
MW - 16	09/09/08	3863.15	-	58.29	0.00	3804.86
MW - 16	12/11/08	3863.15	-	59.29	0.00	3803.86
MW - 16	02/26/09	3863.15	-	59.39	0.00	3803.76
MW - 16	05/21/09	3863.15	-	59.48	0.00	3803.67
MW - 16	08/18/09	3863.15	-	59.51	0.00	3803.64
MW - 16	12/10/09	3863.15	-	59.59	0.00	3803.56
MW - 16	01/06/10	3863.15	-	59.57	0.00	3803.58
MW - 16	02/22/10	3863.15	-	59.65	0.00	3803.50
MW - 16	06/04/10	3863.15	-	59.79	0.00	3803.36
MW - 16	08/26/10	3863.15	-	59.81	0.00	3803.34
MW - 16	11/30/10	3863.15	-	59.58	0.00	3803.57

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

TNM SPS - 11
 PLAINS MARKETING, L.P.
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 16	03/08/11	3863.15	-	59.57	0.00	3803.58
MW - 16	05/25/11	3863.15	-	59.59	0.00	3803.56
MW - 16	08/18/11	3863.15	-	60.00	0.00	3803.15
MW - 16	11/15/11	3863.15	-	60.02	0.00	3803.13
MW - 16	02/29/12	3863.15	-	60.17	0.00	3802.98
MW - 16	05/01/12	3863.15	-	60.23	0.00	3802.92
MW - 16	08/10/12	3863.15	-	60.58	0.00	3802.57
MW - 16	11/27/12	3863.15	-	60.53	0.00	3802.62
MW - 16	02/21/13	3863.15	-	60.60	0.00	3802.55
MW - 16	05/15/13	3863.15	-	60.67	0.00	3802.48
MW - 16	08/21/13	3863.15	-	60.77	0.00	3802.38
MW - 16	11/11/13	3863.15	-	60.86	0.00	3802.29
MW - 16	02/20/14	3863.15	-	60.98	0.00	3802.17
MW - 16	02/26/14	3863.15	-	60.93	0.00	3802.22
MW - 16	05/20/14	3863.15	-	61.36	0.00	3801.79
MW - 16	07/29/14	3863.15	-	61.06	0.00	3802.09
MW - 16	08/19/14	3863.15	-	61.17	0.00	3801.98
MW - 16	10/30/14	3863.15	-	61.66	0.00	3801.49
MW - 16	11/24/14	3863.15	-	61.56	0.00	3801.59
MW - 17	03/24/00	3859.17	-	59.57	0.00	3799.60
MW - 17	06/14/00	3859.17	-	59.72	0.00	3799.45
MW - 17	09/22/00	3859.17	-	59.65	0.00	3799.52
MW - 17	12/28/00	3859.17	-	59.70	0.00	3799.47
MW - 17	03/14/01	3859.17	-	59.66	0.00	3799.51
MW - 17	06/06/01	3859.17	-	59.75	0.00	3799.42
MW - 17	09/28/01	3859.17	-	59.90	0.00	3799.27
MW - 17	11/17/01	3859.17	-	60.02	0.00	3799.15
MW - 17	03/26/02	3859.17	-	60.41	0.00	3798.76
MW - 17	06/26/02	3859.17	-	60.26	0.00	3798.91
MW - 17	09/25/02	3859.17	-	60.39	0.00	3798.78
MW - 17	12/10/02	3859.17	-	60.43	0.00	3798.74
MW - 17	03/10/03	3859.17	-	60.51	0.00	3798.66
MW - 17	06/09/03	3859.17	-	60.61	0.00	3798.56
MW - 17	09/03/03	3859.17	-	60.70	0.00	3798.47
MW - 17	12/08/03	3859.17	-	60.81	0.00	3798.36
MW - 17	03/01/04	3859.17	-	60.93	0.00	3798.24
MW - 17	05/19/04	3859.17	-	60.98	0.00	3798.19
MW - 17	08/26/04	3859.17	-	61.07	0.00	3798.10
MW - 17	12/09/04	3859.17	-	60.58	0.00	3798.59
MW - 17	03/17/05	3859.17	-	60.23	0.00	3798.94
MW - 17	06/15/05	3859.17	-	60.27	0.00	3798.90

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

TNM SPS - 11
 PLAINS MARKETING, L.P.
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 17	09/14/05	3859.17	-	60.42	0.00	3798.75
MW - 17	12/13/05	3859.17	-	60.60	0.00	3798.57
MW - 17	03/15/06	3859.17	-	60.81	0.00	3798.36
MW - 17	06/14/06	3859.17	-	60.98	0.00	3798.19
MW - 17	09/13/06	3859.17	-	61.06	0.00	3798.11
MW - 17	12/06/06	3859.17	-	61.13	0.00	3798.04
MW - 17	03/01/07	3859.17	-	61.17	0.00	3798.00
MW - 17	05/24/07	3859.17	-	61.22	0.00	3797.95
MW - 17	08/23/07	3859.17	-	61.27	0.00	3797.90
MW - 17	11/08/07	3859.17	-	61.36	0.00	3797.81
MW - 17	03/04/08	3859.17	-	61.44	0.00	3797.73
MW - 17	06/11/08	3859.17	-	61.52	0.00	3797.65
MW - 17	09/09/08	3859.17	-	61.60	0.00	3797.57
MW - 17	12/11/08	3859.17	-	61.89	0.00	3797.28
MW - 17	02/26/09	3859.17	-	61.77	0.00	3797.40
MW - 17	05/21/09	3859.17	-	61.82	0.00	3797.35
MW - 17	08/18/09	3859.17	-	61.88	0.00	3797.29
MW - 17	12/10/09	3859.17	-	61.94	0.00	3797.23
MW - 17	01/06/10	3859.17	-	61.97	0.00	3797.20
MW - 17	02/22/10	3859.17	-	61.99	0.00	3797.18
MW - 17	06/04/10	3859.17	-	62.06	0.00	3797.11
MW - 17	08/26/10	3859.17	-	62.09	0.00	3797.08
MW - 17	11/30/10	3859.17	-	61.96	0.00	3797.21
MW - 17	03/08/11	3859.17	-	61.94	0.00	3797.23
MW - 17	05/25/11	3859.17	-	61.92	0.00	3797.25
MW - 17	08/18/11	3859.17	-	62.30	0.00	3796.87
MW - 17	11/15/11	3859.17	-	62.28	0.00	3796.89
MW - 17	02/29/12	3859.17	-	62.45	0.00	3796.72
MW - 17	05/01/12	3859.17	-	62.51	0.00	3796.66
MW - 17	08/10/12	3859.17	-	62.86	0.00	3796.31
MW - 17	11/27/12	3859.17	-	62.79	0.00	3796.38
MW - 17	02/21/13	3859.17	-	62.89	0.00	3796.28
MW - 17	05/15/13	3859.17	-	62.96	0.00	3796.21
MW - 17	08/21/13	3859.17	-	63.02	0.00	3796.15
MW - 17	11/11/13	3859.17	-	63.10	0.00	3796.07
MW - 17	02/20/14	3859.17	-	63.21	0.00	3795.96
MW - 17	05/20/14	3859.17	-	63.27	0.00	3795.90
MW - 17	07/29/14	3859.17	-	63.33	0.00	3795.84
MW - 17	08/19/14	3859.17	-	63.34	0.00	3795.83
MW - 17	10/30/14	3859.17	-	63.42	0.00	3795.75
MW - 17	11/24/14	3859.17	-	63.43	0.00	3795.74

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 18	03/24/00	3859.98	-	59.15	0.00	3800.83
MW - 18	06/14/00	3859.98	-	59.42	0.00	3800.56
MW - 18	09/22/00	3859.98	-	58.97	0.00	3801.01
MW - 18	12/28/00	3859.98	-	59.02	0.00	3800.96
MW - 18	03/14/01	3859.98	-	59.15	0.00	3800.83
MW - 18	06/06/01	3859.98	-	59.20	0.00	3800.78
MW - 18	09/28/01	3859.98	-	59.43	0.00	3800.55
MW - 18	11/17/01	3859.98	-	59.44	0.00	3800.54
MW - 18	03/26/02	3859.98	-	59.94	0.00	3800.04
MW - 18	06/26/02	3859.98	-	59.75	0.00	3800.23
MW - 18	09/25/02	3859.98	-	59.86	0.00	3800.12
MW - 18	12/10/02	3859.98	-	59.89	0.00	3800.09
MW - 18	03/10/03	3859.98	-	59.96	0.00	3800.02
MW - 18	06/09/03	3859.98	-	60.05	0.00	3799.93
MW - 18	09/03/03	3859.98	-	60.15	0.00	3799.83
MW - 18	12/08/03	3859.98	-	60.26	0.00	3799.72
MW - 18	03/01/04	3859.98	-	60.35	0.00	3799.63
MW - 18	05/19/04	3859.98	-	60.43	0.00	3799.55
MW - 18	08/26/04	3859.98	-	60.48	0.00	3799.50
MW - 18	12/09/04	3859.98	-	59.72	0.00	3800.26
MW - 18	03/17/05	3859.98	-	59.47	0.00	3800.51
MW - 18	06/15/05	3859.98	-	59.62	0.00	3800.36
MW - 18	09/14/05	3859.98	-	59.80	0.00	3800.18
MW - 18	12/13/05	3859.98	-	60.01	0.00	3799.97
MW - 18	03/15/06	3859.98	-	60.23	0.00	3799.75
MW - 18	06/14/06	3859.98	-	60.39	0.00	3799.59
MW - 18	09/13/06	3859.98	-	60.52	0.00	3799.46
MW - 18	12/05/06	3859.98	-	60.56	0.00	3799.42
MW - 18	03/01/07	3859.98	-	60.63	0.00	3799.35
MW - 18	05/24/07	3859.98	-	60.70	0.00	3799.28
MW - 18	06/21/07	3859.98	-	60.71	0.00	3799.27
MW - 18	08/23/07	3859.98	-	60.78	0.00	3799.20
MW - 18	11/08/07	3859.98	-	60.84	0.00	3799.14
MW - 18	03/04/08	3859.98	-	60.96	0.00	3799.02
MW - 18	06/11/08	3859.98	-	61.00	0.00	3798.98
MW - 18	09/09/08	3859.98	-	61.12	0.00	3798.86
MW - 18	12/11/08	3859.98	-	61.39	0.00	3798.59
MW - 18	02/27/09	3859.98	-	61.26	0.00	3798.72
MW - 18	05/21/09	3859.98	-	61.34	0.00	3798.64
MW - 18	08/18/09	3859.98	-	61.39	0.00	3798.59
MW - 18	12/09/09	3859.98	-	61.46	0.00	3798.52
MW - 18	01/06/10	3859.98	-	61.49	0.00	3798.49

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

TNM SPS - 11
 PLAINS MARKETING, L.P.
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 18	02/22/10	3859.98	-	61.51	0.00	3798.47
MW - 18	06/04/10	3859.98	-	61.58	0.00	3798.40
MW - 18	08/26/10	3859.98	-	61.58	0.00	3798.40
MW - 18	11/30/10	3859.98	-	61.48	0.00	3798.50
MW - 18	03/08/11	3859.98	-	61.47	0.00	3798.51
MW - 18	05/25/11	3859.98	-	61.48	0.00	3798.50
MW - 18	08/18/11	3859.98	-	61.85	0.00	3798.13
MW - 18	11/15/11	3859.98	-	61.83	0.00	3798.15
MW - 18	02/29/12	3859.98	-	61.99	0.00	3797.99
MW - 18	05/01/12	3859.98	-	62.06	0.00	3797.92
MW - 18	08/10/12	3859.98	-	62.41	0.00	3797.57
MW - 18	11/27/12	3859.98	-	62.33	0.00	3797.65
MW - 18	02/21/13	3859.98	-	62.43	0.00	3797.55
MW - 18	05/15/13	3859.98	-	62.50	0.00	3797.48
MW - 18	08/20/13	3859.98	-	62.61	0.00	3797.37
MW - 18	11/11/13	3859.98	-	62.66	0.00	3797.32
MW - 18	02/19/14	3859.98	-	62.76	0.00	3797.22
MW - 18	05/20/14	3859.98	-	63.78	0.00	3796.20
MW - 18	07/29/14	3859.98	-	62.90	0.00	3797.08
MW - 18	08/28/14	3859.98	-	62.93	0.00	3797.05
MW - 18	10/30/14	3859.98	-	62.95	0.00	3797.03
MW - 18	11/24/14	3859.98	-	62.96	0.00	3797.02
MW - 19	03/24/00	3862.30	-	57.97	0.00	3804.33
MW - 19	06/14/00	3862.30	-	60.41	0.00	3801.89
MW - 19	09/22/00	3862.30	-	59.64	0.00	3802.66
MW - 19	12/28/00	3862.30	-	59.83	0.00	3802.47
MW - 19	03/14/01	3862.30	-	58.92	0.00	3803.38
MW - 19	09/28/01	3862.30	-	59.19	0.00	3803.11
MW - 19	11/17/01	3862.30	-	60.35	0.00	3801.95
MW - 19	03/26/02	3862.30	-	60.64	0.00	3801.66
MW - 19	06/26/02	3862.30	-	60.59	0.00	3801.71
MW - 19	09/25/02	3862.30	-	60.73	0.00	3801.57
MW - 19	12/10/02	3862.30	-	60.76	0.00	3801.54
MW - 19	03/10/03	3862.30	-	60.83	0.00	3801.47
MW - 19	06/09/03	3862.30	-	60.92	0.00	3801.38
MW - 19	09/03/03	3862.30	-	61.02	0.00	3801.28
MW - 19	12/08/03	3862.30	-	61.14	0.00	3801.16
MW - 19	03/01/04	3862.30	-	61.24	0.00	3801.06
MW - 19	05/19/04	3862.30	-	61.15	0.00	3801.15
MW - 19	08/26/04	3862.30	-	61.33	0.00	3800.97
MW - 19	12/09/04	3862.30	-	60.10	0.00	3802.20

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

TNM SPS - 11
 PLAINS MARKETING, L.P.
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 19	03/17/05	3862.30	-	60.14	0.00	3802.16
MW - 19	06/15/05	3862.30	-	60.40	0.00	3801.90
MW - 19	09/14/05	3862.30	-	60.61	0.00	3801.69
MW - 19	12/13/05	3862.30	-	60.84	0.00	3801.46
MW - 19	03/15/06	3862.30	-	61.05	0.00	3801.25
MW - 19	06/14/06	3862.30	-	61.23	0.00	3801.07
MW - 19	09/13/06	3862.30	-	61.36	0.00	3800.94
MW - 19	12/06/06	3862.30	-	61.44	0.00	3800.86
MW - 19	03/01/07	3862.30	-	65.56	0.00	3796.74
MW - 19	05/24/07	3862.30	-	61.57	0.00	3800.73
MW - 19	08/23/07	3862.30	-	61.65	0.00	3800.65
MW - 19	11/08/07	3862.30	-	61.73	0.00	3800.57
MW - 19	03/04/08	3862.30	-	61.82	0.00	3800.48
MW - 19	06/11/08	3862.30	-	61.89	0.00	3800.41
MW - 19	09/09/08	3862.30	-	62.02	0.00	3800.28
MW - 19	12/11/08	3862.30	-	63.20	0.00	3799.10
MW - 19	02/27/09	3862.30	-	62.15	0.00	3800.15
MW - 19	05/21/09	3862.30	-	62.24	0.00	3800.06
MW - 19	08/18/09	3862.30	-	62.23	0.00	3800.07
MW - 19	12/09/09	3862.30	-	62.34	0.00	3799.96
MW - 19	01/06/10	3862.30	-	62.36	0.00	3799.94
MW - 19	02/22/10	3862.30	-	62.41	0.00	3799.89
MW - 19	06/04/10	3862.30	-	62.50	0.00	3799.80
MW - 19	08/26/10	3862.30	-	62.52	0.00	3799.78
MW - 19	11/30/10	3862.30	-	62.33	0.00	3799.97
MW - 19	03/09/11	3862.30	-	62.30	0.00	3800.00
MW - 19	05/25/11	3862.30	-	62.28	0.00	3800.02
MW - 19	08/18/11	3862.30	-	62.65	0.00	3799.65
MW - 19	11/15/11	3862.30	-	62.75	0.00	3799.55
MW - 19	02/29/12	3862.30	-	62.94	0.00	3799.36
MW - 19	05/01/12	3862.30	-	63.00	0.00	3799.30
MW - 19	08/10/12	3862.30	-	63.36	0.00	3798.94
MW - 19	11/27/12	3862.30	-	63.28	0.00	3799.02
MW - 19	02/21/13	3862.30	-	63.38	0.00	3798.92
MW - 19	05/15/13	3862.30	-	63.45	0.00	3798.85
MW - 19	08/20/13	3862.30	-	63.54	0.00	3798.76
MW - 19	11/11/13	3862.30	-	63.60	0.00	3798.70
MW - 19	02/19/14	3862.30	-	63.72	0.00	3798.58
MW - 19	05/20/14	3862.30	-	62.84	0.00	3799.46
MW - 19	07/29/14	3862.30	-	63.86	0.00	3798.44
MW - 19	08/19/14	3862.30	-	62.91	0.00	3799.39
MW - 19	10/30/14	3862.30	-	63.87	0.00	3798.43

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

TNM SPS - 11
 PLAINS MARKETING, L.P.
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 19	11/24/14	3862.30	-	63.91	0.00	3798.39
MW - 20	03/24/00	3861.30	-	59.13	0.00	3802.17
MW - 20	06/14/00	3861.30	-	59.54	0.00	3801.76
MW - 20	09/22/00	3861.30	-	58.84	0.00	3802.46
MW - 20	12/28/00	3861.30	-	59.01	0.00	3802.29
MW - 20	03/14/01	3861.30	-	59.11	0.00	3802.19
MW - 20	06/06/01	3861.30	-	59.20	0.00	3802.10
MW - 20	09/28/01	3861.30	-	59.34	0.00	3801.96
MW - 20	11/17/01	3861.30	-	59.53	0.00	3801.77
MW - 20	03/26/02	3861.30	-	59.80	0.00	3801.50
MW - 20	06/26/02	3861.30	-	59.75	0.00	3801.55
MW - 20	09/25/02	3861.30	-	59.91	0.00	3801.39
MW - 20	12/10/02	3861.30	-	59.92	0.00	3801.38
MW - 20	03/10/03	3861.30	-	59.98	0.00	3801.32
MW - 20	06/09/03	3861.30	-	60.09	0.00	3801.21
MW - 20	09/03/03	3861.30	-	60.19	0.00	3801.11
MW - 20	12/08/03	3861.30	-	60.30	0.00	3801.00
MW - 20	03/01/04	3861.30	-	60.41	0.00	3800.89
MW - 20	05/19/04	3861.30	-	60.35	0.00	3800.95
MW - 20	08/26/04	3861.30	-	60.52	0.00	3800.78
MW - 20	12/09/04	3861.30	-	59.39	0.00	3801.91
MW - 20	03/17/05	3861.30	-	59.35	0.00	3801.95
MW - 20	06/15/05	3861.30	-	59.59	0.00	3801.71
MW - 20	09/14/05	PLUGGED & ABANDONED				
MW - 21	03/24/00	3862.30	-	59.25	0.00	3803.05
MW - 21	06/14/00	3862.30	-	59.70	0.00	3802.60
MW - 21	09/22/00	3862.30	-	58.84	0.00	3803.46
MW - 21	12/28/00	3862.30	-	59.06	0.00	3803.24
MW - 21	03/14/01	3862.30	-	59.16	0.00	3803.14
MW - 21	06/06/01	3862.30	-	59.29	0.00	3803.01
MW - 21	09/28/01	3862.30	-	59.40	0.00	3802.90
MW - 21	11/17/01	3862.30	-	59.60	0.00	3802.70
MW - 21	03/26/02	3862.30	-	59.89	0.00	3802.41
MW - 21	06/26/02	3862.30	-	59.83	0.00	3802.47
MW - 21	09/25/02	3862.30	-	60.01	0.00	3802.29
MW - 21	12/10/02	3862.30	-	60.02	0.00	3802.28
MW - 21	03/10/03	3862.30	-	60.09	0.00	3802.21
MW - 21	06/09/03	3862.30	-	60.19	0.00	3802.11
MW - 21	09/03/03	3862.30	-	60.27	0.00	3802.03
MW - 21	12/08/03	3862.30	-	60.39	0.00	3801.91

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

TNM SPS - 11
 PLAINS MARKETING, L.P.
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 21	03/01/04	3862.30	-	60.51	0.00	3801.79
MW - 21	05/19/04	3862.30	-	60.35	0.00	3801.95
MW - 21	08/26/04	3862.30	-	60.59	0.00	3801.71
MW - 21	12/09/04	3862.30	-	59.23	0.00	3803.07
MW - 21	03/17/05	3862.30	-	59.33	0.00	3802.97
MW - 21	06/15/05	3862.30	-	59.63	0.00	3802.67
MW - 21	09/14/05	3862.30	-	59.88	0.00	3802.42
MW - 21	12/13/05	3862.30	-	60.17	0.00	3802.13
MW - 21	03/15/06	3862.30	-	60.37	0.00	3801.93
MW - 21	06/14/06	3862.30	-	60.56	0.00	3801.74
MW - 21	09/13/06	3862.30	-	60.69	0.00	3801.61
MW - 21	03/01/07	3862.30	-	60.87	0.00	3801.43
MW - 21	05/24/07	3862.30	-	60.96	0.00	3801.34
MW - 21	08/23/07	3862.30	-	61.04	0.00	3801.26
MW - 21	11/08/07	3862.30	-	61.10	0.00	3801.20
MW - 21	03/04/08	3862.30	-	61.20	0.00	3801.10
MW - 21	06/11/08	3862.30	-	61.28	0.00	3801.02
MW - 21	09/09/08	3862.30	-	61.43	0.00	3800.87
MW - 21	12/11/08	3862.30	-	61.54	0.00	3800.76
MW - 21	02/27/09	3862.30	-	61.59	0.00	3800.71
MW - 21	05/21/09	3862.30	-	61.69	0.00	3800.61
MW - 21	08/18/09	3862.30	-	61.64	0.00	3800.66
MW - 21	12/09/09	3862.30	-	61.75	0.00	3800.55
MW - 21	01/06/10	3862.30	-	61.77	0.00	3800.53
MW - 21	02/22/10	3862.30	-	61.82	0.00	3800.48
MW - 21	06/04/10	3862.30	-	61.92	0.00	3800.38
MW - 21	08/26/10	3862.30	-	61.91	0.00	3800.39
MW - 21	11/30/10	3862.30	-	61.75	0.00	3800.55
MW - 21	03/08/11	3862.30	-	61.78	0.00	3800.52
MW - 21	05/25/11	3862.30	-	61.79	0.00	3800.51
MW - 21	08/18/11	3862.30	-	62.16	0.00	3800.14
MW - 21	11/15/11	3862.30	-	62.13	0.00	3800.17
MW - 21	02/29/12	3862.30	-	62.33	0.00	3799.97
MW - 21	05/01/12	3862.30	-	62.39	0.00	3799.91
MW - 21	08/10/12	3862.30	-	62.74	0.00	3799.56
MW - 21	11/27/12	3862.30	-	62.63	0.00	3799.67
MW - 21	02/21/13	3862.30	-	62.74	0.00	3799.56
MW - 21	05/15/13	3862.30	-	62.80	0.00	3799.50
MW - 21	08/20/13	3862.30	-	62.90	0.00	3799.40
MW - 21	11/11/13	3862.30	-	62.97	0.00	3799.33
MW - 21	02/19/14	3862.30	-	63.05	0.00	3799.25
MW - 21	05/20/14	3862.30	-	63.14	0.00	3799.16

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 21	07/29/14	3862.30	-	63.20	0.00	3799.10
MW - 21	08/19/14	3862.30	-	63.21	0.00	3799.09
MW - 21	10/30/14	3862.30	-	63.18	0.00	3799.12
MW - 21	11/24/14	3862.30	-	63.23	0.00	3799.07
MW - 22	03/24/00	3864.01	-	57.55	0.00	3806.46
MW - 22	06/14/00	3864.01	-	57.93	0.00	3806.08
MW - 22	09/22/00	3864.01	-	57.13	0.00	3806.88
MW - 22	12/28/00	3864.01	-	57.37	0.00	3806.64
MW - 22	03/14/01	3864.01	-	57.50	0.00	3806.51
MW - 22	06/06/01	3864.01	-	57.55	0.00	3806.46
MW - 22	09/28/01	3864.01	-	57.75	0.00	3806.26
MW - 22	11/17/01	3864.01	-	57.94	0.00	3806.07
MW - 22	03/26/02	3864.01	-	58.20	0.00	3805.81
MW - 22	06/26/02	3864.01	-	58.22	0.00	3805.79
MW - 22	09/25/02	3864.01	-	58.31	0.00	3805.70
MW - 22	12/09/02	3864.01	-	58.34	0.00	3805.67
MW - 22	03/10/03	3864.01	-	58.39	0.00	3805.62
MW - 22	06/09/03	3864.01	-	58.53	0.00	3805.48
MW - 22	09/03/03	3864.01	-	58.65	0.00	3805.36
MW - 22	12/08/03	3864.01	-	58.75	0.00	3805.26
MW - 22	03/01/04	3864.01	-	58.90	0.00	3805.11
MW - 22	05/19/04	3864.01	-	58.81	0.00	3805.20
MW - 22	08/26/04	3864.01	-	59.00	0.00	3805.01
MW - 22	12/09/04	3864.01	-	57.70	0.00	3806.31
MW - 22	03/17/05	3864.01	-	57.60	0.00	3806.41
MW - 22	06/15/05	3864.01	-	57.92	0.00	3806.09
MW - 22	09/14/05	PLUGGED & ABANDONED				
MW - 23	03/24/00	3862.44	-	56.34	0.00	3806.10
MW - 23	06/14/00	3862.44	-	56.58	0.00	3805.86
MW - 23	09/22/00	3862.44	-	56.20	0.00	3806.24
MW - 23	12/28/00	3862.44	-	56.32	0.00	3806.12
MW - 23	03/14/01	3862.44	-	56.83	0.00	3805.61
MW - 23	06/06/01	3862.44	-	56.50	0.00	3805.94
MW - 23	09/28/01	3862.44	-	56.56	0.00	3805.88
MW - 23	11/17/01	3862.44	-	56.79	0.00	3805.65
MW - 23	03/26/02	3862.44	-	57.00	0.00	3805.44
MW - 23	06/26/02	3862.44	-	57.07	0.00	3805.37
MW - 23	09/25/02	3862.44	-	57.23	0.00	3805.21
MW - 23	12/09/02	3862.44	-	57.25	0.00	3805.19
MW - 23	03/10/03	3862.44	-	57.34	0.00	3805.10

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 23	06/09/03	3862.44	-	57.45	0.00	3804.99
MW - 23	09/03/03	3862.44	-	57.57	0.00	3804.87
MW - 23	12/08/03	3862.44	-	57.70	0.00	3804.74
MW - 23	03/01/04	3862.44	-	57.84	0.00	3804.60
MW - 23	05/19/04	3862.44	-	57.91	0.00	3804.53
MW - 23	08/26/04	3862.44	-	58.04	0.00	3804.40
MW - 23	12/09/04	3862.44	-	57.00	0.00	3805.44
MW - 23	03/17/05	3862.44	-	56.70	0.00	3805.74
MW - 23	06/15/05	3862.44	-	56.96	0.00	3805.48
MW - 23	09/14/05	3862.44	-	57.26	0.00	3805.18
MW - 23	12/13/05	3862.44	-	57.60	0.00	3804.84
MW - 23	03/15/06	3862.44	-	57.81	0.00	3804.63
MW - 23	06/14/06	3862.44	-	57.99	0.00	3804.45
MW - 23	09/13/06	3862.44	-	58.12	0.00	3804.32
MW - 23	12/05/06	3862.44	-	58.22	0.00	3804.22
MW - 23	03/01/07	3862.44	-	58.32	0.00	3804.12
MW - 23	05/24/07	3862.44	-	58.41	0.00	3804.03
MW - 23	08/23/07	3862.44	-	58.45	0.00	3803.99
MW - 23	11/08/07	3862.44	-	58.54	0.00	3803.90
MW - 23	03/04/08	3862.44	-	58.65	0.00	3803.79
MW - 23	06/11/08	3862.44	-	58.76	0.00	3803.68
MW - 23	09/09/08	3862.44	-	58.93	0.00	3803.51
MW - 23	12/11/08	3862.44	-	59.03	0.00	3803.41
MW - 23	02/26/09	3862.44	-	59.12	0.00	3803.32
MW - 23	05/21/09	3862.44	-	59.75	0.00	3802.69
MW - 23	08/18/09	3862.44	-	59.28	0.00	3803.16
MW - 23	12/09/09	3862.44	-	59.37	0.00	3803.07
MW - 23	01/06/10	3862.44	-	59.39	0.00	3803.05
MW - 23	02/22/10	3862.44	-	59.41	0.00	3803.03
MW - 23	06/04/10	3862.44	-	59.51	0.00	3802.93
MW - 23	08/26/10	3862.44	-	59.53	0.00	3802.91
MW - 23	11/30/10	3862.44	-	59.37	0.00	3803.07
MW - 23	03/08/11	3862.44	-	59.35	0.00	3803.09
MW - 23	05/25/11	3862.44	-	59.35	0.00	3803.09
MW - 23	08/18/11	3862.44	-	59.71	0.00	3802.73
MW - 23	11/15/11	3862.44	-	59.75	0.00	3802.69
MW - 23	02/29/12	3862.44	-	59.89	0.00	3802.55
MW - 23	05/01/12	3862.44	-	59.96	0.00	3802.48
MW - 23	08/10/12	3862.44	-	60.31	0.00	3802.13
MW - 23	11/27/12	3862.44	-	60.18	0.00	3802.26
MW - 23	02/21/13	3862.44	-	60.28	0.00	3802.16
MW - 23	05/15/13	3862.44	-	60.35	0.00	3802.09

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 23	08/20/13	3862.44	-	60.45	0.00	3801.99
MW - 23	11/11/13	3862.44	-	60.53	0.00	3801.91
MW - 23	02/19/14	3862.44	-	60.60	0.00	3801.84
MW - 23	05/20/14	3862.44	-	60.67	0.00	3801.77
MW - 23	07/29/14	3862.44	-	60.73	0.00	3801.71
MW - 23	08/19/14	3862.44	-	60.75	0.00	3801.69
MW - 23	10/30/14	3862.44	-	60.82	0.00	3801.62
MW - 23	11/24/14	3862.44	-	60.83	0.00	3801.61
MW - 24	03/24/00	3864.36	-	57.31	0.00	3807.05
MW - 24	06/14/00	3864.36	-	57.59	0.00	3806.77
MW - 24	09/22/00	3864.36	-	57.09	0.00	3807.27
MW - 24	12/28/00	3864.36	-	57.23	0.00	3807.13
MW - 24	03/14/01	3864.36	-	57.30	0.00	3807.06
MW - 24	06/06/01	3864.36	-	57.38	0.00	3806.98
MW - 24	09/28/01	3864.36	-	57.58	0.00	3806.78
MW - 24	11/17/01	3864.36	-	57.75	0.00	3806.61
MW - 24	03/26/02	3864.36	-	57.94	0.00	3806.42
MW - 24	06/26/02	3864.36	-	57.98	0.00	3806.38
MW - 24	09/25/02	3864.36	-	58.14	0.00	3806.22
MW - 24	12/09/02	3864.36	-	58.16	0.00	3806.20
MW - 24	03/10/03	3864.36	-	58.22	0.00	3806.14
MW - 24	06/09/03	3864.36	-	58.32	0.00	3806.04
MW - 24	09/03/03	3864.36	-	58.49	0.00	3805.87
MW - 24	12/08/03	3864.36	-	58.61	0.00	3805.75
MW - 24	03/01/04	3864.36	-	58.77	0.00	3805.59
MW - 24	05/19/04	3864.36	-	58.80	0.00	3805.56
MW - 24	08/26/04	3864.36	-	58.95	0.00	3805.41
MW - 24	12/09/04	3864.36	-	57.90	0.00	3806.46
MW - 24	03/17/05	3864.36	-	57.57	0.00	3806.79
MW - 24	06/15/05	3864.36	-	57.80	0.00	3806.56
MW - 24	09/15/05	3864.36	-	58.18	0.00	3806.18
MW - 24	12/13/05	3864.36	-	58.47	0.00	3805.89
MW - 24	03/15/06	3864.36	-	58.70	0.00	3805.66
MW - 24	06/14/06	3864.36	-	58.86	0.00	3805.50
MW - 24	09/13/06	3864.36	-	58.99	0.00	3805.37
MW - 24	12/06/06	3864.36	-	59.13	0.00	3805.23
MW - 24	03/01/07	3864.36	-	59.18	0.00	3805.18
MW - 24	05/24/07	3864.36	-	59.31	0.00	3805.05
MW - 24	08/23/07	3864.36	-	59.35	0.00	3805.01
MW - 24	11/08/07	3864.36	-	59.42	0.00	3804.94
MW - 24	03/04/08	3864.36	-	59.52	0.00	3804.84

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

TNM SPS - 11
 PLAINS MARKETING, L.P.
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 24	06/11/08	3864.36	-	59.67	0.00	3804.69
MW - 24	09/09/08	3864.36	-	59.79	0.00	3804.57
MW - 24	12/11/08	3864.36	-	59.32	0.00	3805.04
MW - 24	02/26/09	3864.36	-	60.00	0.00	3804.36
MW - 24	05/21/09	3864.36	-	60.06	0.00	3804.30
MW - 24	08/18/09	3864.36	-	60.16	0.00	3804.20
MW - 24	12/09/09	3864.36	-	60.25	0.00	3804.11
MW - 24	01/06/10	3864.36	-	60.23	0.00	3804.13
MW - 24	02/22/10	3864.36	-	60.30	0.00	3804.06
MW - 24	06/04/10	3864.36	-	60.43	0.00	3803.93
MW - 24	08/26/10	3864.36	-	60.43	0.00	3803.93
MW - 24	11/30/10	3864.36	-	60.25	0.00	3804.11
MW - 24	03/08/11	3864.36	-	60.23	0.00	3804.13
MW - 24	05/25/11	3864.36	-	60.24	0.00	3804.12
MW - 24	08/18/11	3864.36	-	60.64	0.00	3803.72
MW - 24	11/15/11	3864.36	-	60.64	0.00	3803.72
MW - 24	02/29/12	3864.36	-	60.81	0.00	3803.55
MW - 24	05/01/12	3864.36	-	60.89	0.00	3803.47
MW - 24	08/10/12	3864.36	-	61.44	0.00	3802.92
MW - 24	11/27/12	3864.36	-	61.17	0.00	3803.19
MW - 24	02/21/13	3864.36	-	61.24	0.00	3803.12
MW - 24	05/15/13	3864.36	-	61.32	0.00	3803.04
MW - 24	08/21/13	3864.36	-	61.43	0.00	3802.93
MW - 24	11/11/13	3864.36	-	61.53	0.00	3802.83
MW - 24	02/20/14	3864.36	-	61.56	0.00	3802.80
MW - 24	05/20/14	3864.36	-	60.67	0.00	3803.69
MW - 24	07/29/14	3864.36	-	61.73	0.00	3802.63
MW - 24	08/19/14	3864.36	-	61.73	0.00	3802.63
MW - 24	08/28/14	3864.36	-	61.76	0.00	3802.60
MW - 24	10/30/14	3864.36	-	61.79	0.00	3802.57
MW - 24	11/24/14	3864.36	-	61.79	0.00	3802.57
MW - 25	03/24/00	3864.16	-	56.08	0.00	3808.08
MW - 25	06/14/00	3864.16	-	56.28	0.00	3807.88
MW - 25	09/22/00	3864.16	-	55.93	0.00	3808.23
MW - 25	12/28/00	3864.16	-	56.05	0.00	3808.11
MW - 25	03/14/01	3864.16	-	56.12	0.00	3808.04
MW - 25	06/06/01	3864.16	-	56.28	0.00	3807.88
MW - 25	09/28/01	3864.16	-	56.37	0.00	3807.79
MW - 25	11/17/01	3864.16	-	56.51	0.00	3807.65
MW - 25	03/26/02	3864.16	-	56.74	0.00	3807.42
MW - 25	06/26/02	3864.16	-	56.79	0.00	3807.37

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 25	09/25/02	3864.16	-	56.96	0.00	3807.20
MW - 25	12/09/02	3864.16	-	57.01	0.00	3807.15
MW - 25	03/10/03	3864.16	-	57.09	0.00	3807.07
MW - 25	06/09/03	3864.16	-	57.23	0.00	3806.93
MW - 25	09/03/03	3864.16	-	57.37	0.00	3806.79
MW - 25	12/08/03	3864.16	-	57.47	0.00	3806.69
MW - 25	03/01/04	3864.16	-	57.30	0.00	3806.86
MW - 25	05/19/04	3864.16	-	57.66	0.00	3806.50
MW - 25	08/26/04	3864.16	-	57.72	0.00	3806.44
MW - 25	12/09/04	3864.16	-	56.48	0.00	3807.68
MW - 25	03/17/05	3864.16	-	56.42	0.00	3807.74
MW - 25	06/15/05	3864.16	-	56.70	0.00	3807.46
MW - 25	09/14/05	3864.16	-	57.03	0.00	3807.13
MW - 25	12/13/05	3864.16	-	57.33	0.00	3806.83
MW - 25	03/15/06	3864.16	-	57.56	0.00	3806.60
MW - 25	06/14/06	3864.16	-	57.77	0.00	3806.39
MW - 25	09/13/06	3864.16	-	57.89	0.00	3806.27
MW - 25	12/06/06	3864.16	-	58.04	0.00	3806.12
MW - 25	03/01/07	3864.16	-	58.09	0.00	3806.07
MW - 25	05/24/07	3864.16	-	58.18	0.00	3805.98
MW - 25	08/23/07	3864.16	-	58.26	0.00	3805.90
MW - 25	11/05/07	3864.16	-	58.32	0.00	3805.84
MW - 25	03/04/08	3864.16	-	58.43	0.00	3805.73
MW - 25	06/11/08	3864.16	-	58.56	0.00	3805.60
MW - 25	09/09/08	3864.16	-	58.73	0.00	3805.43
MW - 25	12/11/08	3864.16	-	58.35	0.00	3805.81
MW - 25	02/27/09	3864.16	-	58.92	0.00	3805.24
MW - 25	05/21/09	3864.16	-	59.03	0.00	3805.13
MW - 25	08/18/09	3864.16	-	59.78	0.00	3804.38
MW - 25	12/09/09	3864.16	-	59.18	0.00	3804.98
MW - 25	01/06/10	3864.16	-	59.20	0.00	3804.96
MW - 25	02/22/10	3864.16	-	59.23	0.00	3804.93
MW - 25	06/04/10	3864.16	-	59.35	0.00	3804.81
MW - 25	08/26/10	3864.16	-	59.35	0.00	3804.81
MW - 25	11/30/10	3864.16	-	59.17	0.00	3804.99
MW - 25	03/08/11	3864.16	-	59.15	0.00	3805.01
MW - 25	05/25/11	3864.16	-	59.14	0.00	3805.02
MW - 25	08/18/11	3864.16	-	59.51	0.00	3804.65
MW - 25	11/15/11	3864.16	-	59.65	0.00	3804.51
MW - 25	02/29/12	3864.16	-	59.79	0.00	3804.37
MW - 25	05/01/12	3864.16	-	59.84	0.00	3804.32
MW - 25	08/10/12	3864.16	-	60.19	0.00	3803.97

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

TNM SPS - 11
 PLAINS MARKETING, L.P.
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 25	11/27/12	3864.16	-	60.07	0.00	3804.09
MW - 25	02/21/13	3864.16	-	61.16	0.00	3803.00
MW - 25	05/15/13	3864.16	-	60.25	0.00	3803.91
MW - 25	08/20/13	3864.16	-	60.36	0.00	3803.80
MW-25	11/11/13	3864.16	-	60.45	0.00	3803.71
MW-25	02/19/14	3864.16	-	60.56	0.00	3803.60
MW-25	05/20/14	3864.16	-	60.60	0.00	3803.56
MW-25	07/29/14	3864.16	-	60.66	0.00	3803.50
MW-25	08/19/14	3864.16	-	60.66	0.00	3803.50
MW-25	10/30/14	3864.16	-	60.68	0.00	3803.48
MW-25	11/24/14	3864.16	-	60.68	0.00	3803.48
MW - 26	06/14/00	3858.79	-	60.10	0.00	3798.69
MW - 26	09/22/00	3858.79	-	60.00	0.00	3798.79
MW - 26	12/28/00	3858.79	-	60.08	0.00	3798.71
MW - 26	03/14/01	3858.79	-	60.05	0.00	3798.74
MW - 26	06/06/01	3858.79	-	60.18	0.00	3798.61
MW - 26	09/28/01	3858.79	-	60.32	0.00	3798.47
MW - 26	11/17/01	3858.79	-	60.48	0.00	3798.31
MW - 26	03/26/02	3858.79	-	60.84	0.00	3797.95
MW - 26	06/26/02	3858.79	-	60.67	0.00	3798.12
MW - 26	09/25/02	3858.79	-	60.79	0.00	3798.00
MW - 26	12/10/02	3858.79	-	60.85	0.00	3797.94
MW - 26	03/10/03	3858.79	-	60.95	0.00	3797.84
MW - 26	06/09/03	3858.79	-	61.05	0.00	3797.74
MW - 26	09/03/03	3858.79	-	61.15	0.00	3797.64
MW - 26	12/08/03	3858.79	-	61.27	0.00	3797.52
MW - 26	03/01/04	3858.79	-	61.37	0.00	3797.42
MW - 26	05/19/04	3858.79	-	61.42	0.00	3797.37
MW - 26	08/26/04	3858.79	-	61.54	0.00	3797.25
MW - 26	12/09/04	3858.79	-	60.92	0.00	3797.87
MW - 26	03/17/05	3858.79	-	60.61	0.00	3798.18
MW - 26	06/15/05	3858.79	-	60.68	0.00	3798.11
MW - 26	09/14/05	3858.79	-	60.82	0.00	3797.97
MW - 26	12/13/05	3858.79	-	61.04	0.00	3797.75
MW - 26	03/15/06	3858.79	-	61.22	0.00	3797.57
MW - 26	06/14/06	3858.79	-	61.33	0.00	3797.46
MW - 26	09/13/06	3858.79	-	61.44	0.00	3797.35
MW - 26	12/06/06	3858.79	-	61.50	0.00	3797.29
MW - 26	03/01/07	3858.79	-	61.54	0.00	3797.25
MW - 26	05/24/07	3858.79	-	61.61	0.00	3797.18
MW - 26	08/23/07	3858.79	-	61.69	0.00	3797.10

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 26	11/08/07	3858.79	-	61.76	0.00	3797.03
MW - 26	03/04/08	3858.79	-	61.83	0.00	3796.96
MW - 26	06/11/08	3858.79	-	61.90	0.00	3796.89
MW - 26	09/09/08	3858.79	-	62.01	0.00	3796.78
MW - 26	12/11/08	3858.79	-	62.09	0.00	3796.70
MW - 26	02/27/09	3858.79	-	62.15	0.00	3796.64
MW - 26	05/22/09	3858.79	-	62.23	0.00	3796.56
MW - 26	08/18/09	3858.79	-	62.26	0.00	3796.53
MW - 26	12/10/09	3858.79	-	62.33	0.00	3796.46
MW - 26	01/06/10	3858.79	-	62.34	0.00	3796.45
MW - 26	02/02/10	3858.79	-	-	-	-
MW - 26	02/22/10	3858.79	-	62.38	0.00	3796.41
MW - 26	05/06/10	3858.79	-	62.34	0.00	3796.45
MW - 26	05/13/10	3858.79	-	62.34	0.00	3796.45
MW - 26	05/19/10	3858.79	-	62.34	0.00	3796.45
MW - 26	06/04/10	3858.79	-	62.43	0.00	3796.36
MW - 26	08/26/10	3858.79	-	62.43	0.00	3796.36
MW - 26	11/30/10	3858.79	-	62.32	0.00	3796.47
MW - 26	03/08/11	3858.79	-	62.32	0.00	3796.47
MW - 26	05/25/11	3858.79	-	62.30	0.00	3796.49
MW - 26	08/19/11	3858.79	-	62.69	0.00	3796.10
MW - 26	11/15/11	3858.79	-	62.70	0.00	3796.09
MW - 26	11/30/11	3858.79	-	62.73	0.00	3796.06
MW - 26	01/24/12	3858.79	-	62.84	0.00	3795.95
MW - 26	01/31/12	3858.79	-	62.83	0.00	3795.96
MW - 26	02/08/12	3858.79	-	62.82	0.00	3795.97
MW - 26	02/29/12	3858.79	-	62.86	0.00	3795.93
MW - 26	03/09/12	3858.79	-	62.91	0.00	3795.88
MW - 26	03/16/12	3858.79	-	62.90	0.00	3795.89
MW - 26	03/21/12	3858.79	-	62.92	0.00	3795.87
MW - 26	03/28/12	3858.79	-	62.92	0.00	3795.87
MW - 26	04/04/12	3858.79	-	62.92	0.00	3795.87
MW - 26	04/11/12	3858.79	-	62.92	0.00	3795.87
MW - 26	04/18/12	3858.79	-	62.95	0.00	3795.84
MW - 26	04/25/12	3858.79	-	62.96	0.00	3795.83
MW - 26	05/01/12	3858.79	-	62.97	0.00	3795.82
MW - 26	05/09/12	3858.79	-	62.96	0.00	3795.83
MW - 26	06/07/12	3858.79	-	62.98	0.00	3795.81
MW - 26	06/20/12	3858.79	-	63.01	0.00	3795.78
MW - 26	06/27/12	3858.79	-	63.02	0.00	3795.77
MW - 26	07/11/12	3858.79	-	63.08	0.00	3795.71
MW - 26	08/10/12	3858.79	-	63.32	0.00	3795.47

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 26	09/06/12	3858.79	-	63.11	0.00	3795.68
MW - 26	10/04/12	3858.79	-	63.20	0.00	3795.59
MW - 26	10/12/12	3858.79	-	63.25	0.00	3795.54
MW - 26	10/18/12	3858.79	-	63.25	0.00	3795.54
MW - 26	10/25/12	3858.79	-	63.22	0.00	3795.57
MW - 26	10/31/12	3858.79	-	63.23	0.00	3795.56
MW - 26	11/15/12	3858.79	-	63.23	0.00	3795.56
MW - 26	11/27/12	3858.79	-	63.24	0.00	3795.55
MW - 26	12/19/12	3858.79	-	63.28	0.00	3795.51
MW - 26	01/17/13	3858.79	-	63.31	0.00	3795.48
MW - 26	01/31/13	3858.79	-	63.34	0.00	3795.45
MW - 26	02/21/13	3858.79	-	63.31	0.00	3795.48
MW - 26	03/05/13	3858.79	-	63.60	0.00	3795.19
MW - 26	03/21/13	3858.79	-	63.85	0.00	3794.94
MW - 26	04/04/13	3858.79	-	63.39	0.00	3795.40
MW - 26	04/11/13	3858.79	-	63.41	0.00	3795.38
MW - 26	04/18/13	3858.79	-	63.42	0.00	3795.37
MW - 26	04/25/13	3858.79	-	63.43	0.00	3795.36
MW - 26	05/01/13	3858.79	-	63.42	0.00	3795.37
MW - 26	05/10/13	3858.79	-	63.41	0.00	3795.38
MW - 26	05/15/13	3858.79	-	63.42	0.00	3795.37
MW - 26	05/24/13	3858.79	-	63.44	0.00	3795.35
MW - 26	05/30/13	3858.79	-	63.44	0.00	3795.35
MW - 26	06/06/13	3858.79	-	63.44	0.00	3795.35
MW - 26	06/14/13	3858.79	-	63.45	0.00	3795.34
MW - 26	06/20/13	3858.79	-	63.46	0.00	3795.33
MW - 26	06/27/13	3858.79	-	63.43	0.00	3795.36
MW - 26	07/03/13	3858.79	-	63.48	0.00	3795.31
MW - 26	07/10/13	3858.79	-	63.51	0.00	3795.28
MW - 26	07/25/13	3858.79	-	63.50	0.00	3795.29
MW - 26	07/31/13	3858.79	-	63.48	0.00	3795.31
MW - 26	08/21/13	3858.79	-	63.46	0.00	3795.33
MW - 26	08/29/13	3858.79	-	63.50	0.00	3795.29
MW - 26	09/09/13	3858.79	-	63.58	0.00	3795.21
MW - 26	09/18/13	3858.79	-	63.58	0.00	3795.21
MW - 26	09/27/13	3858.79	-	63.60	0.00	3795.19
MW - 26	10/02/13	3858.79	-	63.57	0.00	3795.22
MW - 26	10/08/13	3858.79	-	63.58	0.00	3795.21
MW - 26	10/16/13	3858.79	-	63.60	0.00	3795.19
MW - 26	10/24/13	3858.79	-	63.51	0.00	3795.28
MW - 26	10/31/13	3858.79	-	63.53	0.00	3795.26
MW - 26	11/11/13	3858.79	-	63.53	0.00	3795.26

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 26	12/11/13	3858.79	-	63.62	0.00	3795.17
MW - 26	12/17/13	3858.79	-	63.65	0.00	3795.14
MW - 26	01/03/14	3858.79	-	63.71	0.00	3795.08
MW - 26	01/09/14	3858.79	-	63.65	0.00	3795.14
MW - 26	01/15/14	3858.79	-	63.63	0.00	3795.16
MW - 26	01/22/14	3858.79	-	63.65	0.00	3795.14
MW - 26	01/29/14	3858.79	-	63.65	0.00	3795.14
MW - 26	02/20/14	3858.79	-	63.62	0.00	3795.17
MW - 26	03/04/14	3858.79	-	63.65	0.00	3795.14
MW - 26	03/11/14	3858.79	-	63.75	0.00	3795.04
MW - 26	03/18/14	3858.79	-	63.70	0.00	3795.09
MW - 26	03/29/14	3858.79	-	63.73	0.00	3795.06
MW - 26	04/01/14	3858.79	-	63.69	0.00	3795.10
MW - 26	04/08/14	3858.79	-	63.66	0.00	3795.13
MW - 26	04/18/14	3858.79	-	63.69	0.00	3795.10
MW - 26	04/23/14	3858.79	-	63.73	0.00	3795.06
MW - 26	05/05/14	3858.79	-	63.71	0.00	3795.08
MW - 26	05/16/14	3858.79	-	63.68	0.00	3795.11
MW - 26	05/20/14	3858.79	-	63.73	0.00	3795.06
MW - 26	05/30/14	3858.79	-	63.72	0.00	3795.07
MW - 26	06/18/14	3858.79	-	63.75	0.00	3795.04
MW - 26	06/27/14	3858.79	-	63.81	0.00	3794.98
MW - 26	07/02/14	3858.79	-	63.81	0.00	3794.98
MW - 26	07/10/14	3858.79	-	63.77	0.00	3795.02
MW - 26	07/29/14	3858.79	-	63.82	0.00	3794.97
MW - 26	07/30/14	3858.79	-	63.82	0.00	3794.97
MW - 26	08/08/14	3858.79	-	63.75	0.00	3795.04
MW - 26	08/19/14	3858.79	-	63.78	0.00	3795.01
MW - 26	08/20/14	3858.79	-	63.81	0.00	3794.98
MW - 26	09/04/14	3858.79	-	63.81	0.00	3794.98
MW - 26	09/11/14	3858.79	-	63.80	0.00	3794.99
MW - 26	10/16/14	3858.79	-	63.86	0.00	3794.93
MW - 26	10/22/14	3858.79	-	63.88	0.00	3794.91
MW - 26	10/30/14	3859.79	-	63.86	0.00	3795.93
MW - 26	11/24/14	3859.79	-	63.25	0.00	3796.54
MW - 26	12/05/14	3859.79	-	62.18	0.00	3797.61
MW - 26	12/12/14	3859.79	-	63.87	0.00	3795.92
MW - 26	12/19/14	3859.79	-	63.85	0.00	3795.94
MW - 27	06/14/00	3858.23	-	59.60	0.00	3798.63
MW - 27	09/22/00	3858.23	-	59.50	0.00	3798.73
MW - 27	12/28/00	3858.23	-	59.54	0.00	3798.69

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 27	03/14/01	3858.23	-	59.60	0.00	3798.63
MW - 27	06/06/01	3858.23	-	59.64	0.00	3798.59
MW - 27	09/28/01	3858.23	-	59.88	0.00	3798.35
MW - 27	11/17/01	3858.23	-	59.91	0.00	3798.32
MW - 27	03/26/02	3858.23	-	60.40	0.00	3797.83
MW - 27	06/26/02	3858.23	-	60.16	0.00	3798.07
MW - 27	09/25/02	3858.23	-	60.29	0.00	3797.94
MW - 27	12/10/02	3858.23	-	60.24	0.00	3797.99
MW - 27	03/10/03	3858.23	-	60.43	0.00	3797.80
MW - 27	06/09/03	3858.23	-	60.53	0.00	3797.70
MW - 27	09/03/03	3858.23	-	60.63	0.00	3797.60
MW - 27	12/08/03	3858.23	-	60.76	0.00	3797.47
MW - 27	03/01/04	3858.23	-	60.87	0.00	3797.36
MW - 27	05/19/04	3858.23	-	60.91	0.00	3797.32
MW - 27	08/26/04	3858.23	-	61.02	0.00	3797.21
MW - 27	12/09/04	3858.23	-	60.40	0.00	3797.83
MW - 27	03/17/05	3858.23	-	60.08	0.00	3798.15
MW - 27	06/15/05	3858.23	-	60.16	0.00	3798.07
MW - 27	09/14/05	PLUGGED & ABANDONED				
MW - 28	06/14/00	3858.60	-	60.33	0.00	3798.27
MW - 28	09/22/00	3858.60	-	60.29	0.00	3798.31
MW - 28	12/28/00	3858.60	-	60.33	0.00	3798.27
MW - 28	03/14/01	3858.60	-	60.38	0.00	3798.22
MW - 28	16/16/01	3858.60	-	60.40	0.00	3798.20
MW - 28	19/28/01	3858.60	-	60.63	0.00	3797.97
MW - 28	11/17/01	3858.60	-	60.71	0.00	3797.89
MW - 28	03/26/02	3858.60	-	60.85	0.00	3797.75
MW - 28	06/26/02	3858.60	-	60.93	0.00	3797.67
MW - 28	09/25/02	3858.60	-	61.06	0.00	3797.54
MW - 28	12/10/02	3858.60	-	61.11	0.00	3797.49
MW - 28	03/10/03	3858.60	-	61.21	0.00	3797.39
MW - 28	06/09/03	3858.60	-	61.30	0.00	3797.30
MW - 28	09/03/03	3858.60	-	61.39	0.00	3797.21
MW - 28	12/08/03	3858.60	-	61.52	0.00	3797.08
MW - 28	03/01/04	3858.60	-	61.61	0.00	3796.99
MW - 28	05/19/04	3858.60	-	61.67	0.00	3796.93
MW - 28	08/26/04	3858.60	-	61.75	0.00	3796.85
MW - 28	12/09/04	3858.60	-	60.97	0.00	3797.63
MW - 28	03/17/05	3858.60	-	60.85	0.00	3797.75
MW - 28	06/15/05	3858.60	-	60.95	0.00	3797.65
MW - 28	09/14/05	3858.60	-	61.08	0.00	3797.52

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 28	12/13/05	3858.60	-	61.30	0.00	3797.30
MW - 28	03/15/06	3858.60	-	61.45	0.00	3797.15
MW - 28	06/14/06	3858.60	-	61.62	0.00	3796.98
MW - 28	09/13/06	3858.60	-	61.74	0.00	3796.86
MW - 28	12/06/06	3858.60	-	61.79	0.00	3796.81
MW - 28	03/01/07	3858.60	-	61.84	0.00	3796.76
MW - 28	05/24/07	3858.60	-	61.88	0.00	3796.72
MW - 28	08/23/07	3858.60	-	61.96	0.00	3796.64
MW - 28	11/08/07	3858.60	-	62.03	0.00	3796.57
MW - 28	03/04/08	3858.60	-	62.11	0.00	3796.49
MW - 28	06/11/08	3858.60	-	62.18	0.00	3796.42
MW - 28	09/09/08	3858.60	-	62.27	0.00	3796.33
MW - 28	12/11/08	3858.60	-	62.34	0.00	3796.26
MW - 28	02/26/09	3858.60	-	62.39	0.00	3796.21
MW - 28	05/22/09	3858.60	-	62.48	0.00	3796.12
MW - 28	08/18/09	3858.60	-	62.52	0.00	3796.08
MW - 28	12/10/09	3858.60	-	62.56	0.00	3796.04
MW - 28	01/06/10	3858.60	-	62.58	0.00	3796.02
MW - 28	02/02/10	3858.60	-	-	-	-
MW - 28	02/22/10	3858.60	-	62.62	0.00	3795.98
MW - 28	05/06/10	3858.60	-	62.58	0.00	3796.02
MW - 28	05/13/10	3858.60	-	62.60	0.00	3796.00
MW - 28	05/19/10	3858.60	-	62.61	0.00	3795.99
MW - 28	06/04/10	3858.60	-	62.68	0.00	3795.92
MW - 28	08/26/10	3858.60	-	62.69	0.00	3795.91
MW - 28	11/30/10	3858.60	-	62.59	0.00	3796.01
MW - 28	03/08/11	3858.60	-	62.58	0.00	3796.02
MW - 28	05/25/11	3858.60	-	62.58	0.00	3796.02
MW - 28	08/19/11	3858.60	-	62.95	0.00	3795.65
MW - 28	11/15/11	3858.60	-	62.93	0.00	3795.67
MW - 28	11/30/11	3858.60	-	62.96	0.00	3795.64
MW - 28	01/24/12	3858.60	-	63.04	0.00	3795.56
MW - 28	01/31/12	3858.60	-	63.05	0.00	3795.55
MW - 28	02/08/12	3858.60	-	63.05	0.00	3795.55
MW - 28	02/29/12	3858.60	-	63.09	0.00	3795.51
MW - 28	03/09/12	3858.60	-	63.14	0.00	3795.46
MW - 28	03/16/12	3858.60	-	63.13	0.00	3795.47
MW - 28	03/21/12	3858.60	-	63.14	0.00	3795.46
MW - 28	03/28/12	3858.60	-	63.13	0.00	3795.47
MW - 28	04/04/12	3858.60	-	63.15	0.00	3795.45
MW - 28	04/11/12	3858.60	-	63.16	0.00	3795.44
MW - 28	04/18/12	3858.60	-	63.18	0.00	3795.42

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 28	04/25/12	3858.60	-	63.18	0.00	3795.42
MW - 28	05/01/12	3858.60	-	63.19	0.00	3795.41
MW - 28	05/09/12	3858.60	-	63.18	0.00	3795.42
MW - 28	06/07/12	3858.60	-	63.23	0.00	3795.37
MW - 28	06/20/12	3858.60	-	63.26	0.00	3795.34
MW - 28	06/27/12	3858.60	-	63.27	0.00	3795.33
MW - 28	07/11/12	3858.60	-	63.31	0.00	3795.29
MW - 28	08/10/12	3858.60	-	63.55	0.00	3795.05
MW - 28	09/06/12	3858.60	-	63.35	0.00	3795.25
MW - 28	10/04/12	3858.60	-	63.45	0.00	3795.15
MW - 28	10/12/12	3858.60	-	63.50	0.00	3795.10
MW - 28	10/18/12	3858.60	-	63.47	0.00	3795.13
MW - 28	10/25/12	3858.60	-	63.46	0.00	3795.14
MW - 28	10/31/12	3858.60	-	63.45	0.00	3795.15
MW - 28	11/15/12	3858.60	-	63.46	0.00	3795.14
MW - 28	11/27/12	3858.60	-	63.45	0.00	3795.15
MW - 28	12/19/12	3858.60	-	63.51	0.00	3795.09
MW - 28	01/17/13	3858.60	-	63.55	0.00	3795.05
MW - 28	01/31/13	3858.60	-	63.54	0.00	3795.06
MW - 28	02/21/13	3858.60	-	63.54	0.00	3795.06
MW - 28	03/05/13	3858.60	-	63.38	0.00	3795.22
MW - 28	03/21/13	3858.60	-	63.56	0.00	3795.04
MW - 28	04/04/13	3858.60	-	63.60	0.00	3795.00
MW - 28	04/11/13	3858.60	-	63.61	0.00	3794.99
MW - 28	04/18/13	3858.60	-	63.63	0.00	3794.97
MW - 28	04/25/13	3858.60	-	63.64	0.00	3794.96
MW - 28	05/01/13	3858.60	-	63.63	0.00	3794.97
MW - 28	05/10/13	3858.60	-	63.63	0.00	3794.97
MW - 28	05/15/13	3858.60	-	63.61	0.00	3794.99
MW - 28	05/24/13	3858.60	-	63.50	0.00	3795.10
MW - 28	05/30/13	3858.60	-	63.64	0.00	3794.96
MW - 28	06/06/13	3858.60	-	63.67	0.00	3794.93
MW - 28	06/14/13	3858.60	-	63.66	0.00	3794.94
MW - 28	06/20/13	3858.60	-	63.67	0.00	3794.93
MW - 28	06/27/13	3858.60	-	63.65	0.00	3794.95
MW - 28	07/03/13	3858.60	-	64.67	0.00	3793.93
MW - 28	07/10/13	3858.60	-	63.39	0.00	3795.21
MW - 28	07/25/13	3858.60	-	63.69	0.00	3794.91
MW - 28	07/31/13	3858.60	-	63.68	0.00	3794.92
MW - 28	08/21/13	3858.60	-	63.66	0.00	3794.94
MW - 28	08/29/13	3858.60	-	63.70	0.00	3794.90
MW - 28	09/09/13	3858.60	-	63.83	0.00	3794.77

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 28	09/18/13	3858.60	-	63.81	0.00	3794.79
MW - 28	09/27/13	3858.60	-	63.82	0.00	3794.78
MW - 28	10/02/13	3858.60	-	63.79	0.00	3794.81
MW - 28	10/08/13	3858.60	-	63.81	0.00	3794.79
MW - 28	10/16/13	3858.60	-	63.84	0.00	3794.76
MW - 28	10/24/13	3858.60	-	63.71	0.00	3794.89
MW - 28	10/31/13	3858.60	-	63.72	0.00	3794.88
MW - 28	11/11/13	3858.60	-	63.73	0.00	3794.87
MW - 28	12/11/13	3858.60	-	63.78	0.00	3794.82
MW - 28	12/17/13	3858.60	-	63.79	0.00	3794.81
MW - 28	01/03/14	3858.60	-	63.95	0.00	3794.65
MW - 28	01/09/14	3858.60	-	63.85	0.00	3794.75
MW - 28	01/15/14	3858.60	-	63.90	0.00	3794.70
MW - 28	01/22/14	3858.60	-	63.87	0.00	3794.73
MW - 28	01/29/14	3858.60	-	63.90	0.00	3794.70
MW - 28	02/20/14	3858.60	-	63.82	0.00	3794.78
MW - 28	03/04/14	3858.60	-	63.84	0.00	3794.76
MW - 28	03/11/14	3858.60	-	63.97	0.00	3794.63
MW - 28	03/18/14	3858.60	-	63.88	0.00	3794.72
MW - 28	03/29/14	3858.60	-	63.92	0.00	3794.68
MW - 28	04/01/14	3858.60	-	63.90	0.00	3794.70
MW - 28	04/08/14	3858.60	-	63.92	0.00	3794.68
MW - 28	04/18/14	3858.60	-	63.93	0.00	3794.67
MW - 28	04/23/14	3858.60	-	63.96	0.00	3794.64
MW - 28	05/05/14	3858.60	-	63.88	0.00	3794.72
MW - 28	05/16/14	3858.60	-	63.90	0.00	3794.70
MW - 28	05/20/14	3858.60	-	63.99	0.00	3794.61
MW - 28	05/30/14	3858.60	-	63.98	0.00	3794.62
MW - 28	06/18/14	3858.60	-	63.95	0.00	3794.65
MW - 28	06/27/14	3858.60	-	63.99	0.00	3794.61
MW - 28	07/02/14	3858.60	-	64.03	0.00	3794.57
MW - 28	07/10/14	3858.60	-	64.02	0.00	3794.58
MW - 28	07/29/14	3858.60	-	64.05	0.00	3794.55
MW - 28	07/30/14	3858.60	-	64.05	0.00	3794.55
MW - 28	08/08/14	3858.60	-	64.01	0.00	3794.59
MW - 28	08/19/14	3858.60	-	64.00	0.00	3794.60
MW - 28	09/04/14	3858.60	-	64.08	0.00	3794.52
MW - 28	09/11/14	3858.60	-	64.08	0.00	3794.52
MW - 28	10/16/14	3858.60	-	64.10	0.00	3794.50
MW - 28	10/22/14	3858.60	-	64.11	0.00	3794.49
MW - 28	10/30/14	3858.60	-	64.09	0.00	3794.51
MW - 28	11/24/14	3858.60	-	64.11	0.00	3794.49

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 28	12/05/14	3858.60	-	64.02	0.00	3794.58
MW - 28	12/12/14	3858.60	-	64.12	0.00	3794.48
MW - 28	12/19/14	3858.60	-	64.13	0.00	3794.47
MW - 29	03/26/02	3858.54	-	61.28	0.00	3797.26
MW - 29	06/26/02	3858.54	-	61.42	0.00	3797.12
MW - 29	09/25/02	3858.54	-	61.53	0.00	3797.01
MW - 29	12/10/02	3858.54	-	61.59	0.00	3796.95
MW - 29	03/10/03	3858.54	-	61.68	0.00	3796.86
MW - 29	06/09/03	3858.54	-	61.30	0.00	3797.24
MW - 29	09/03/03	3858.54	-	61.86	0.00	3796.68
MW - 29	12/08/03	3858.54	-	62.00	0.00	3796.54
MW - 29	03/01/04	3858.54	-	62.08	0.00	3796.46
MW - 29	05/19/04	3858.54	-	62.14	0.00	3796.40
MW - 29	08/26/04	3858.54	-	62.25	0.00	3796.29
MW - 29	12/09/04	3858.54	-	61.65	0.00	3796.89
MW - 29	03/17/05	3858.54	-	61.40	0.00	3797.14
MW - 29	06/15/05	3858.54	-	61.45	0.00	3797.09
MW - 29	09/14/05	3858.54	-	61.58	0.00	3796.96
MW - 29	12/13/05	3858.54	-	61.80	0.00	3796.74
MW - 29	03/15/06	3858.54	-	61.97	0.00	3796.57
MW - 29	06/14/06	3858.54	-	62.09	0.00	3796.45
MW - 29	09/13/06	3858.54	-	62.19	0.00	3796.35
MW - 29	12/06/06	3858.54	-	62.26	0.00	3796.28
MW - 29	03/01/07	3858.54	-	62.30	0.00	3796.24
MW - 29	05/24/07	3858.54	-	62.38	0.00	3796.16
MW - 29	08/23/07	3858.54	-	62.44	0.00	3796.10
MW - 29	11/08/07	3858.54	-	62.52	0.00	3796.02
MW - 29	03/04/08	3858.54	-	62.59	0.00	3795.95
MW - 29	06/11/08	3858.54	-	62.67	0.00	3795.87
MW - 29	09/09/08	3858.54	-	62.74	0.00	3795.80
MW - 29	12/11/08	3858.54	-	61.83	0.00	3796.71
MW - 29	02/27/09	3858.54	-	62.87	0.00	3795.67
MW - 29	05/22/09	3858.54	-	62.93	0.00	3795.61
MW - 29	08/18/09	3858.54	-	62.98	0.00	3795.56
MW - 29	12/10/09	3858.54	-	63.03	0.00	3795.51
MW - 29	01/06/10	3858.54	-	63.02	0.00	3795.52
MW - 29	02/02/10	3858.54	-	-	-	-
MW - 29	02/22/10	3858.54	-	63.06	0.00	3795.48
MW - 29	05/06/10	3858.54	-	63.02	0.00	3795.52
MW - 29	05/13/10	3858.54	-	63.01	0.00	3795.53
MW - 29	05/19/10	3858.54	-	63.00	0.00	3795.54

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 29	06/04/10	3858.54	-	63.14	0.00	3795.40
MW - 29	08/26/10	3858.54	-	63.16	0.00	3795.38
MW - 29	11/30/10	3858.54	-	63.06	0.00	3795.48
MW - 29	03/08/11	3858.54	-	63.08	0.00	3795.46
MW - 29	05/25/11	3858.54	-	63.10	0.00	3795.44
MW - 29	08/19/11	3858.54	-	63.47	0.00	3795.07
MW - 29	11/15/11	3858.54	-	63.55	0.00	3794.99
MW - 29	11/30/11	3858.54	-	63.40	0.00	3795.14
MW - 29	01/24/12	3858.54	-	63.51	0.00	3795.03
MW - 29	01/31/12	3858.54	-	63.51	0.00	3795.03
MW - 29	02/08/12	3858.54	-	63.53	0.00	3795.01
MW - 29	02/29/12	3858.54	-	63.55	0.00	3794.99
MW - 29	03/09/12	3858.54	-	63.60	0.00	3794.94
MW - 29	03/16/12	3858.54	-	63.59	0.00	3794.95
MW - 29	03/21/12	3858.54	-	63.60	0.00	3794.94
MW - 29	03/28/12	3858.54	-	63.60	0.00	3794.94
MW - 29	04/04/12	3858.54	-	63.62	0.00	3794.92
MW - 29	04/11/12	3858.54	-	63.62	0.00	3794.92
MW - 29	04/18/12	3858.54	-	63.62	0.00	3794.92
MW - 29	04/25/12	3858.54	-	63.64	0.00	3794.90
MW - 29	05/01/12	3858.54	-	63.65	0.00	3794.89
MW - 29	05/09/12	3858.54	-	63.64	0.00	3794.90
MW - 29	06/07/12	3858.54	-	63.68	0.00	3794.86
MW - 29	06/20/12	3858.54	-	63.73	0.00	3794.81
MW - 29	06/27/12	3858.54	-	63.73	0.00	3794.81
MW - 29	07/11/12	3858.54	-	63.76	0.00	3794.78
MW - 29	08/10/12	3858.54	-	63.99	0.00	3794.55
MW - 29	09/06/12	3858.54	-	63.80	0.00	3794.74
MW - 29	10/04/12	3858.54	-	63.91	0.00	3794.63
MW - 29	10/12/12	3858.54	-	63.92	0.00	3794.62
MW - 29	10/18/12	3858.54	-	63.93	0.00	3794.61
MW - 29	10/25/12	3858.54	-	63.92	0.00	3794.62
MW - 29	10/31/12	3858.54	-	63.90	0.00	3794.64
MW - 29	11/15/12	3858.54	-	63.92	0.00	3794.62
MW - 29	11/27/12	3858.54	-	63.91	0.00	3794.63
MW - 29	12/19/12	3858.54	-	63.97	0.00	3794.57
MW - 29	01/17/13	3858.54	-	63.99	0.00	3794.55
MW - 29	01/31/13	3858.54	-	64.01	0.00	3794.53
MW - 29	02/21/13	3858.54	-	64.00	0.00	3794.54
MW - 29	03/05/13	3858.54	-	64.05	0.00	3794.49
MW - 29	03/21/13	3858.54	-	64.01	0.00	3794.53
MW - 29	04/04/13	3858.54	-	64.06	0.00	3794.48

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 29	04/11/13	3858.54	-	64.05	0.00	3794.49
MW - 29	04/18/13	3858.54	-	64.09	0.00	3794.45
MW - 29	04/25/13	3858.54	-	64.08	0.00	3794.46
MW - 29	05/01/13	3858.54	-	64.08	0.00	3794.46
MW - 29	05/10/13	3858.54	-	64.07	0.00	3794.47
MW - 29	05/15/13	3858.54	-	64.06	0.00	3794.48
MW - 29	05/24/13	3858.54	-	64.10	0.00	3794.44
MW - 29	05/30/13	3858.54	-	64.09	0.00	3794.45
MW - 29	06/06/13	3858.54	-	64.10	0.00	3794.44
MW - 29	06/14/13	3858.54	-	64.11	0.00	3794.43
MW - 29	06/20/13	3858.54	-	64.12	0.00	3794.42
MW - 29	06/27/13	3858.54	-	64.09	0.00	3794.45
MW - 29	07/03/13	3858.54	-	64.12	0.00	3794.42
MW - 29	07/10/13	3858.54	-	64.13	0.00	3794.41
MW - 29	07/25/13	3858.54	-	64.13	0.00	3794.41
MW - 29	07/31/13	3858.54	-	64.15	0.00	3794.39
MW - 29	08/21/13	3858.54	-	64.11	0.00	3794.43
MW - 29	08/29/13	3858.54	-	64.15	0.00	3794.39
MW - 29	09/09/13	3858.54	-	64.24	0.00	3794.30
MW - 29	09/18/13	3858.54	-	64.25	0.00	3794.29
MW - 29	09/27/13	3858.54	-	64.24	0.00	3794.30
MW - 29	10/02/13	3858.54	-	64.22	0.00	3794.32
MW - 29	10/08/13	3858.54	-	64.23	0.00	3794.31
MW - 29	10/16/13	3858.54	-	64.25	0.00	3794.29
MW - 29	10/24/13	3858.54	-	64.17	0.00	3794.37
MW - 29	10/31/13	3858.54	-	64.17	0.00	3794.37
MW - 29	11/11/13	3858.54	-	64.16	0.00	3794.38
MW - 29	12/11/13	3858.54	-	64.32	0.00	3794.22
MW - 29	12/17/13	3858.54	-	64.30	0.00	3794.24
MW - 29	01/03/14	3858.54	-	64.34	0.00	3794.20
MW - 29	01/09/14	3858.54	-	64.31	0.00	3794.23
MW - 29	01/15/14	3858.54	-	64.30	0.00	3794.24
MW - 29	01/22/14	3858.54	-	64.29	0.00	3794.25
MW - 29	01/29/14	3858.54	-	64.30	0.00	3794.24
MW - 29	02/20/14	3858.54	-	64.24	0.00	3794.30
MW - 29	03/04/14	3858.54	-	64.26	0.00	3794.28
MW - 29	03/11/14	3858.54	-	64.38	0.00	3794.16
MW - 29	03/18/14	3858.54	-	64.36	0.00	3794.18
MW - 29	03/29/14	3858.54	-	64.38	0.00	3794.16
MW - 29	04/01/14	3858.54	-	64.36	0.00	3794.18
MW - 29	04/08/14	3858.54	-	64.32	0.00	3794.22
MW - 29	04/18/14	3858.54	-	64.35	0.00	3794.19

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 29	04/23/14	3858.54	-	64.38	0.00	3794.16
MW - 29	05/05/14	3858.54	-	64.37	0.00	3794.17
MW - 29	05/16/14	3858.54	-	64.35	0.00	3794.19
MW - 29	05/20/14	3858.54	-	64.40	0.00	3794.14
MW - 29	05/30/14	3858.54	-	64.39	0.00	3794.15
MW - 29	06/18/14	3858.54	-	64.42	0.00	3794.12
MW - 29	06/27/14	3858.54	-	64.40	0.00	3794.14
MW - 29	07/02/14	3858.54	-	64.45	0.00	3794.09
MW - 29	07/10/14	3858.54	-	64.43	0.00	3794.11
MW - 29	07/29/14	3858.54	-	64.48	0.00	3794.06
MW - 29	07/30/14	3858.54	-	64.48	0.00	3794.06
MW - 29	08/08/14	3858.54	-	64.48	0.00	3794.06
MW - 29	08/19/14	3858.54	-	64.42	0.00	3794.12
MW - 29	09/04/14	3858.54	-	64.45	0.00	3794.09
MW - 29	09/11/14	3858.54	-	64.50	0.00	3794.04
MW - 29	10/16/14	3858.54	-	64.50	0.00	3794.04
MW - 29	10/22/14	3858.54	-	64.50	0.00	3794.04
MW - 29	10/30/14	3858.54	-	64.50	0.00	3794.04
MW - 29	11/24/14	3858.54	-	64.51	0.00	3794.03
MW - 29	12/05/14	3858.54	-	64.46	0.00	3794.08
MW - 29	12/12/14	3858.54	-	64.54	0.00	3794.00
MW - 29	12/19/14	3858.54	-	64.53	0.00	3794.01
MW - 30	03/26/02	3858.35	-	59.75	0.00	3798.60
MW - 30	06/26/02	3858.35	-	59.84	0.00	3798.51
MW - 30	09/25/02	3858.35	-	59.96	0.00	3798.39
MW - 30	12/10/02	3858.35	-	60.02	0.00	3798.33
MW - 30	03/10/03	3858.35	-	60.08	0.00	3798.27
MW - 30	06/09/03	3858.35	-	60.17	0.00	3798.18
MW - 30	09/03/03	3858.35	-	60.28	0.00	3798.07
MW - 30	12/08/03	3858.35	-	60.41	0.00	3797.94
MW - 30	03/01/04	3858.35	-	60.49	0.00	3797.86
MW - 30	05/19/04	3858.35	-	60.63	0.00	3797.72
MW - 30	08/26/04	3858.35	-	60.65	0.00	3797.70
MW - 30	12/09/04	3858.35	-	60.05	0.00	3798.30
MW - 30	03/17/05	3858.35	-	59.75	0.00	3798.60
MW - 30	06/15/05	3858.35	-	59.82	0.00	3798.53
MW - 30	09/14/05	3858.35	-	60.93	0.00	3797.42
MW - 30	12/13/05	3858.35	-	60.16	0.00	3798.19
MW - 30	03/15/06	3858.35	-	60.32	0.00	3798.03
MW - 30	06/14/06	3858.35	-	60.46	0.00	3797.89
MW - 30	09/13/06	3858.35	-	60.57	0.00	3797.78

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

TNM SPS - 11
 PLAINS MARKETING, L.P.
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 30	12/06/06	3858.35	-	60.66	0.00	3797.69
MW - 30	03/01/07	3858.35	-	60.64	0.00	3797.71
MW - 30	05/24/07	3858.35	-	60.74	0.00	3797.61
MW - 30	08/23/07	3858.35	-	60.80	0.00	3797.55
MW - 30	11/08/07	3858.35	-	60.86	0.00	3797.49
MW - 30	03/04/08	3858.35	-	60.97	0.00	3797.38
MW - 30	06/11/08	3858.35	-	61.00	0.00	3797.35
MW - 30	09/09/08	3858.35	-	61.09	0.00	3797.26
MW - 30	12/11/08	3858.35	-	61.18	0.00	3797.17
MW - 30	02/27/09	3858.35	-	61.23	0.00	3797.12
MW - 30	05/21/09	3858.35	-	61.30	0.00	3797.05
MW - 30	08/18/09	3858.35	-	61.38	0.00	3796.97
MW - 30	12/09/09	3858.35	-	61.44	0.00	3796.91
MW - 30	01/06/10	3858.35	-	61.46	0.00	3796.89
MW - 30	02/22/10	3858.35	-	61.52	0.00	3796.83
MW - 30	06/04/10	3858.35	-	61.56	0.00	3796.79
MW - 30	08/26/10	3858.35	-	61.57	0.00	3796.78
MW - 30	11/30/10	3858.35	-	61.43	0.00	3796.92
MW - 30	03/08/11	3858.35	-	61.45	0.00	3796.90
MW - 30	05/25/11	3858.35	-	61.45	0.00	3796.90
MW - 30	08/18/11	3858.35	-	61.82	0.00	3796.53
MW - 30	11/15/11	3858.35	-	61.81	0.00	3796.54
MW - 30	02/29/12	3858.35	-	62.02	0.00	3796.33
MW - 30	05/01/12	3858.35	-	62.07	0.00	3796.28
MW - 30	08/10/12	3858.35	-	62.42	0.00	3795.93
MW - 30	11/27/12	3858.35	-	62.38	0.00	3795.97
MW - 30	02/21/13	3858.35	-	62.46	0.00	3795.89
MW - 30	05/15/13	3858.35	-	62.55	0.00	3795.80
MW - 30	08/20/13	3858.35	-	62.61	0.00	3795.74
MW - 30	11/11/13	3858.35	-	62.68	0.00	3795.67
MW - 30	02/19/14	3858.35	-	62.76	0.00	3795.59
MW - 30	05/20/14	3858.35	-	62.81	0.00	3795.54
MW - 30	07/29/14	3858.35	-	62.88	0.00	3795.47
MW - 30	08/19/14	3858.35	-	62.89	0.00	3795.46
MW - 30	10/30/14	3858.35	-	63.03	0.00	3795.32
MW - 30	11/24/14	3858.35	-	63.01	0.00	3795.34
MW - 31	03/26/02	3858.52	-	60.70	0.00	3797.82
MW - 31	06/26/02	3858.52	-	60.77	0.00	3797.75
MW - 31	09/25/02	3858.52	-	60.90	0.00	3797.62
MW - 31	12/10/02	3858.52	-	60.96	0.00	3797.56
MW - 31	03/10/03	3858.52	-	61.04	0.00	3797.48

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 31	06/09/03	3858.52	-	61.15	0.00	3797.37
MW - 31	09/03/03	3858.52	-	61.26	0.00	3797.26
MW - 31	12/08/03	3858.52	-	61.35	0.00	3797.17
MW - 31	03/01/04	3858.52	-	61.48	0.00	3797.04
MW - 31	05/19/04	3858.52	-	61.50	0.00	3797.02
MW - 31	08/26/04	3858.52	-	61.65	0.00	3796.87
MW - 31	12/09/04	3858.52	-	60.98	0.00	3797.54
MW - 31	03/17/05	3858.52	-	60.72	0.00	3797.80
MW - 31	06/15/05	3858.52	-	60.79	0.00	3797.73
MW - 31	09/14/05	3858.52	-	59.98	0.00	3798.54
MW - 31	12/13/05	3858.52	-	61.11	0.00	3797.41
MW - 31	03/15/06	3858.52	-	61.26	0.00	3797.26
MW - 31	06/14/06	3858.52	-	61.38	0.00	3797.14
MW - 31	09/13/06	3858.52	-	61.48	0.00	3797.04
MW - 31	12/06/06	3858.52	-	61.55	0.00	3796.97
MW - 31	03/01/07	3858.52	-	61.58	0.00	3796.94
MW - 31	05/24/07	3858.52	-	60.64	0.00	3797.88
MW - 31	08/23/07	3858.52	-	61.71	0.00	3796.81
MW - 31	11/08/07	3858.52	-	61.80	0.00	3796.72
MW - 31	03/04/08	3858.52	-	61.88	0.00	3796.64
MW - 31	06/11/08	3858.52	-	61.94	0.00	3796.58
MW - 31	09/09/08	3858.52	-	62.01	0.00	3796.51
MW - 31	12/11/08	3858.52	-	62.11	0.00	3796.41
MW - 31	02/27/09	3858.52	-	62.15	0.00	3796.37
MW - 31	05/21/09	3858.52	-	62.14	0.00	3796.38
MW - 31	08/18/09	3858.52	-	62.27	0.00	3796.25
MW - 31	12/09/09	3858.52	-	62.38	0.00	3796.14
MW - 31	01/06/10	3858.52	-	62.39	0.00	3796.13
MW - 31	02/22/10	3858.52	-	62.41	0.00	3796.11
MW - 31	06/04/10	3858.52	-	62.44	0.00	3796.08
MW - 31	08/26/10	3858.52	-	62.42	0.00	3796.10
MW - 31	11/30/10	3858.52	-	62.39	0.00	3796.13
MW - 31	03/08/11	3858.52	-	62.39	0.00	3796.13
MW - 31	05/25/11	3858.52	-	62.40	0.00	3796.12
MW - 31	08/18/11	3858.52	-	62.77	0.00	3795.75
MW - 31	11/15/11	3858.52	-	62.73	0.00	3795.79
MW - 31	02/29/12	3858.52	-	62.94	0.00	3795.58
MW - 31	05/01/12	3858.52	-	62.99	0.00	3795.53
MW - 31	08/10/12	3858.52	-	63.35	0.00	3795.17
MW - 31	11/27/12	3858.52	-	63.28	0.00	3795.24
MW - 31	02/21/13	3858.52	-	63.38	0.00	3795.14
MW - 31	05/15/13	3858.52	-	63.42	0.00	3795.10

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 31	08/20/13	3858.52	-	63.50	0.00	3795.02
MW - 31	11/11/13	3858.52	-	63.57	0.00	3794.95
MW - 31	02/19/14	3858.52	-	63.68	0.00	3794.84
MW - 31	05/20/14	3858.52	-	63.75	0.00	3794.77
MW - 31	07/29/14	3858.52	-	63.81	0.00	3794.71
MW - 31	08/19/14	3858.52	-	63.81	0.00	3794.71
MW - 31	10/30/14	3858.52	-	63.88	0.00	3794.64
MW - 31	11/24/14	3858.52	-	63.87	0.00	3794.65
MW-32	11/03/04	3858.07	-	61.62	0.00	3796.45
MW-32	11/10/04	3858.07	-	61.58	0.00	3796.49
MW-32	03/17/05	3858.07	-	61.13	0.00	3796.94
MW-32	06/15/05	3858.07	-	61.22	0.00	3796.85
MW-32	09/14/05	3858.07	-	61.34	0.00	3796.73
MW-32	12/13/05	3858.07	-	61.54	0.00	3796.53
MW-32	03/15/06	3858.07	-	61.70	0.00	3796.37
MW-32	06/14/06	3858.07	-	61.83	0.00	3796.24
MW-32	09/13/06	3858.07	-	61.93	0.00	3796.14
MW-32	12/06/06	3858.07	-	61.98	0.00	3796.09
MW-32	03/01/07	3858.07	-	62.01	0.00	3796.06
MW-32	05/24/07	3858.07	-	62.06	0.00	3796.01
MW-32	08/23/07	3858.07	-	62.13	0.00	3795.94
MW-32	11/08/07	3858.07	-	62.21	0.00	3795.86
MW-32	03/04/08	3858.07	-	62.34	0.00	3795.73
MW-32	06/11/08	3858.07	-	62.38	0.00	3795.69
MW-32	09/09/08	3858.07	-	62.46	0.00	3795.61
MW-32	12/11/08	3858.07	-	62.53	0.00	3795.54
MW-32	02/26/09	3858.07	-	62.60	0.00	3795.47
MW-32	05/22/09	3858.07	-	62.54	0.00	3795.53
MW-32	08/18/09	3858.07	-	62.70	0.00	3795.37
MW-32	12/10/09	3858.07	-	62.74	0.00	3795.33
MW-32	01/06/10	3858.07	-	62.76	0.00	3795.31
MW-32	02/02/10	3858.07	-	-	-	-
MW-32	02/22/10	3858.07	-	62.78	0.00	3795.29
MW-32	05/06/10	3858.07	-	62.76	0.00	3795.31
MW-32	05/13/10	3858.07	-	62.74	0.00	3795.33
MW-32	05/19/10	3858.07	-	62.76	0.00	3795.31
MW-32	06/04/10	3858.07	-	62.83	0.00	3795.24
MW-32	08/26/10	3858.07	-	62.83	0.00	3795.24
MW-32	11/30/10	3858.07	-	62.75	0.00	3795.32
MW-32	03/08/11	3858.07	-	62.73	0.00	3795.34
MW-32	05/25/11	3858.07	-	62.72	0.00	3795.35

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-32	08/19/11	3858.07	-	63.09	0.00	3794.98
MW-32	11/15/11	3858.07	-	63.10	0.00	3794.97
MW-32	11/30/11	3858.07	-	63.11	0.00	3794.96
MW-32	01/24/12	3858.07	-	63.25	0.00	3794.82
MW-32	01/31/12	3858.07	-	63.25	0.00	3794.82
MW-32	02/08/12	3858.07	-	63.26	0.00	3794.81
MW-32	02/29/12	3858.07	-	63.30	0.00	3794.77
MW-32	03/09/12	3858.07	-	63.35	0.00	3794.72
MW-32	03/16/12	3858.07	-	63.34	0.00	3794.73
MW-32	03/21/12	3858.07	-	63.35	0.00	3794.72
MW-32	03/28/12	3858.07	-	63.34	0.00	3794.73
MW-32	04/04/12	3858.07	-	63.36	0.00	3794.71
MW-32	04/11/12	3858.07	-	63.37	0.00	3794.70
MW-32	04/18/12	3858.07	-	64.39	0.00	3793.68
MW-32	04/25/12	3858.07	-	63.39	0.00	3794.68
MW-32	05/01/12	3858.07	-	63.39	0.00	3794.68
MW-32	05/09/12	3858.07	-	63.39	0.00	3794.68
MW-32	06/07/12	3858.07	-	63.43	0.00	3794.64
MW-32	06/20/12	3858.07	-	63.47	0.00	3794.60
MW-32	06/27/12	3858.07	-	63.47	0.00	3794.60
MW-32	07/11/12	3858.07	-	63.51	0.00	3794.56
MW-32	08/10/12	3858.07	-	63.74	0.00	3794.33
MW-32	09/06/12	3858.07	-	63.55	0.00	3794.52
MW-32	10/04/12	3858.07	-	63.64	0.00	3794.43
MW-32	10/12/12	3858.07	-	63.64	0.00	3794.43
MW-32	10/18/12	3858.07	-	63.65	0.00	3794.42
MW-32	10/25/12	3858.07	-	63.66	0.00	3794.41
MW-32	10/31/12	3858.07	-	63.65	0.00	3794.42
MW-32	11/15/12	3858.07	-	63.65	0.00	3794.42
MW-32	11/27/12	3858.07	-	63.66	0.00	3794.41
MW-32	12/19/12	3858.07	-	63.70	0.00	3794.37
MW-32	01/17/13	3858.07	-	63.55	0.00	3794.52
MW-32	01/31/13	3858.07	-	63.73	0.00	3794.34
MW-32	02/21/13	3858.07	-	63.74	0.00	3794.33
MW-32	03/05/13	3858.07	-	63.79	0.00	3794.28
MW-32	03/21/13	3858.07	-	63.74	0.00	3794.33
MW-32	04/04/13	3858.07	-	63.79	0.00	3794.28
MW-32	04/11/13	3858.07	-	63.79	0.00	3794.28
MW-32	04/18/13	3858.07	-	63.82	0.00	3794.25
MW-32	04/25/13	3858.07	-	63.80	0.00	3794.27
MW-32	05/01/13	3858.07	-	63.81	0.00	3794.26
MW-32	05/10/13	3858.07	-	63.81	0.00	3794.26

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-32	05/15/13	3858.07	-	63.78	0.00	3794.29
MW-32	05/24/13	3858.07	-	63.85	0.00	3794.22
MW-32	05/30/13	3858.07	-	63.86	0.00	3794.21
MW-32	06/06/13	3858.07	-	63.84	0.00	3794.23
MW-32	06/14/13	3858.07	-	63.85	0.00	3794.22
MW-32	06/20/13	3858.07	-	63.86	0.00	3794.21
MW-32	06/27/13	3858.07	-	63.82	0.00	3794.25
MW-32	07/03/13	3858.07	-	63.88	0.00	3794.19
MW-32	07/10/13	3858.07	-	63.87	0.00	3794.20
MW-32	07/25/13	3858.07	-	63.89	0.00	3794.18
MW-32	07/31/13	3858.07	-	63.86	0.00	3794.21
MW-32	08/21/13	3858.07	-	63.85	0.00	3794.22
MW-32	08/29/13	3858.07	-	63.29	0.00	3794.78
MW-32	09/09/13	3858.07	-	63.99	0.00	3794.08
MW-32	09/18/13	3858.07	-	64.01	0.00	3794.06
MW-32	09/27/13	3858.07	-	63.99	0.00	3794.08
MW-32	10/02/13	3858.07	-	63.96	0.00	3794.11
MW-32	10/08/13	3858.07	-	63.90	0.00	3794.17
MW-32	10/16/13	3858.07	-	65.96	0.00	3792.11
MW-32	10/24/13	3858.07	-	63.91	0.00	3794.16
MW-32	10/31/13	3858.07	-	63.90	0.00	3794.17
MW-32	11/11/13	3858.07	-	63.90	0.00	3794.17
MW-32	12/11/13	3858.07	-	63.96	0.00	3794.11
MW-32	12/17/13	3858.07	-	64.08	0.00	3793.99
MW-32	01/03/14	3858.07	-	64.09	0.00	3793.98
MW-32	01/09/14	3858.07	-	64.06	0.00	3794.01
MW-32	01/15/14	3858.07	-	63.97	0.00	3794.10
MW-32	01/22/14	3858.07	-	63.96	0.00	3794.11
MW-32	01/29/14	3858.07	-	63.99	0.00	3794.08
MW-32	02/20/14	3858.07	-	64.01	0.00	3794.06
MW-32	03/04/14	3858.07	-	64.01	0.00	3794.06
MW-32	03/11/14	3858.07	-	64.15	0.00	3793.92
MW-32	03/18/14	3858.07	-	64.08	0.00	3793.99
MW-32	03/29/14	3858.07	-	64.08	0.00	3793.99
MW-32	04/01/14	3858.07	-	64.12	0.00	3793.95
MW-32	04/08/14	3858.07	-	64.12	0.00	3793.95
MW-32	04/18/14	3858.07	-	64.09	0.00	3793.98
MW-32	04/23/14	3858.07	-	64.10	0.00	3793.97
MW-32	05/05/14	3858.07	-	64.07	0.00	3794.00
MW-32	05/16/14	3858.07	-	64.08	0.00	3793.99
MW-32	05/20/14	3858.07	-	64.15	0.00	3793.92
MW-32	05/30/14	3858.07	-	64.13	0.00	3793.94

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-32	06/18/14	3858.07	-	64.12	0.00	3793.95
MW-32	06/27/14	3858.07	-	64.17	0.00	3793.90
MW-32	07/02/14	3858.07	-	64.22	0.00	3793.85
MW-32	07/10/14	3858.07	-	64.18	0.00	3793.89
MW-32	07/29/14	3858.07	-	64.23	0.00	3793.84
MW-32	07/30/14	3858.07	-	64.23	0.00	3793.84
MW-32	08/08/14	3858.07	-	64.20	0.00	3793.87
MW-32	08/19/14	3858.07	-	64.14	0.00	3793.93
MW-32	09/04/14	3858.07	-	64.20	0.00	3793.87
MW-32	09/11/14	3858.07	-	64.40	0.00	3793.67
MW-32	10/16/14	3858.07	-	64.24	0.00	3793.83
MW-32	10/22/14	3858.07	-	64.23	0.00	3793.84
MW-32	10/30/14	3858.07	-	64.26	0.00	3793.81
MW-32	11/24/14	3858.07	-	64.27	0.00	3793.80
MW-32	12/05/14	3858.07	-	64.19	0.00	3793.88
MW-32	12/12/14	3858.07	-	64.26	0.00	3793.81
MW-32	12/19/14	3858.07	-	64.25	0.00	3793.82
MW-33	11/03/04	3858.36	-	62.20	0.00	3796.16
MW-33	11/10/04	3858.36	-	62.18	0.00	3796.18
MW-33	03/17/05	3858.36	-	61.74	0.00	3796.62
MW-33	06/15/05	3858.36	-	61.80	0.00	3796.56
MW-33	09/14/05	3858.36	-	61.95	0.00	3796.41
MW-33	12/13/05	3858.36	-	62.16	0.00	3796.20
MW-33	03/15/06	3858.36	-	62.32	0.00	3796.04
MW-33	06/14/06	3858.36	-	62.46	0.00	3795.90
MW-33	09/13/06	3858.36	-	62.54	0.00	3795.82
MW-33	12/05/06	3858.36	-	62.58	0.00	3795.78
MW-33	03/01/07	3858.36	-	62.64	0.00	3795.72
MW-33	05/24/07	3858.36	-	62.73	0.00	3795.63
MW-33	08/23/07	3858.36	-	62.78	0.00	3795.58
MW-33	11/08/07	3858.36	-	62.86	0.00	3795.50
MW-33	03/04/08	3858.36	-	62.97	0.00	3795.39
MW-33	06/11/08	3858.36	-	63.02	0.00	3795.34
MW-33	09/09/08	3858.36	-	63.10	0.00	3795.26
MW-33	12/11/08	3858.36	-	63.18	0.00	3795.18
MW-33	02/26/09	3858.36	-	63.23	0.00	3795.13
MW-33	05/21/09	3858.36	-	59.21	0.00	3799.15
MW-33	08/18/09	3858.36	-	63.33	0.00	3795.03
MW-33	12/09/09	3858.36	-	63.36	0.00	3795.00
MW-33	01/06/10	3858.36	-	63.34	0.00	3795.02
MW-33	02/22/10	3858.36	-	63.40	0.00	3794.96

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-33	06/04/10	3858.36	-	63.45	0.00	3794.91
MW-33	08/26/10	3858.36	-	63.47	0.00	3794.89
MW-33	11/30/10	3858.36	-	63.35	0.00	3795.01
MW-33	03/08/11	3858.36	-	63.33	0.00	3795.03
MW-33	05/25/11	3858.36	-	63.32	0.00	3795.04
MW-33	08/18/11	3858.36	-	63.69	0.00	3794.67
MW-33	11/15/11	3858.36	-	63.68	0.00	3794.68
MW-33	02/29/12	3858.36	-	63.92	0.00	3794.44
MW-33	05/01/12	3858.36	-	63.98	0.00	3794.38
MW-33	08/10/12	3858.36	-	64.33	0.00	3794.03
MW-33	11/27/12	3858.36	-	64.23	0.00	3794.13
MW-33	02/21/13	3858.36	-	64.32	0.00	3794.04
MW-33	05/15/13	3858.36	-	64.35	0.00	3794.01
MW-33	08/21/13	3858.36	-	64.42	0.00	3793.94
MW-33	11/11/13	3858.36	-	64.47	0.00	3793.89
MW-33	02/19/14	3858.36	-	64.56	0.00	3793.80
MW-33	05/20/14	3858.36	-	64.63	0.00	3793.73
MW-33	07/29/14	3858.36	-	64.66	0.00	3793.70
MW-33	08/19/14	3858.36	-	64.67	0.00	3793.69
MW-33	10/30/14	3858.36	-	64.76	0.00	3793.60
MW-33	11/24/14	3858.36	-	64.75	0.00	3793.61
MW-34	03/15/06	3857.91	-	62.28	0.00	3795.63
MW-34	06/14/06	3857.91	-	62.40	0.00	3795.51
MW-34	09/13/06	3857.91	-	62.49	0.00	3795.42
MW-34	12/06/06	3857.91	-	62.55	0.00	3795.36
MW-34	03/01/07	3857.91	-	62.64	0.00	3795.27
MW-34	05/24/07	3857.91	-	62.66	0.00	3795.25
MW-34	08/23/07	3857.91	-	62.72	0.00	3795.19
MW-34	11/08/07	3857.91	-	62.80	0.00	3795.11
MW-34	03/04/08	3857.91	-	62.91	0.00	3795.00
MW-34	06/11/08	3857.91	-	62.96	0.00	3794.95
MW-34	09/09/08	3857.91	-	63.05	0.00	3794.86
MW-34	12/11/08	3857.91	-	63.14	0.00	3794.77
MW-34	02/27/09	3857.91	-	63.18	0.00	3794.73
MW-34	05/22/09	3857.91	-	63.23	0.00	3794.68
MW-34	08/18/09	3857.91	-	63.28	0.00	3794.63
MW-34	12/10/09	3857.91	-	63.30	0.00	3794.61
MW-34	01/06/10	3857.91	-	63.32	0.00	3794.59
MW-34	02/02/10	3857.91	-	-	-	-
MW-34	02/22/10	3857.91	-	63.34	0.00	3794.57
MW-34	05/06/10	3857.91	-	63.46	0.00	3794.45

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-34	05/13/10	3857.91	-	63.47	0.00	3794.44
MW-34	05/19/10	3857.91	-	63.46	0.00	3794.45
MW-34	06/04/10	3857.91	-	63.38	0.00	3794.53
MW-34	08/26/10	3857.91	-	63.39	0.00	3794.52
MW-34	11/30/10	3857.91	-	63.33	0.00	3794.58
MW-34	03/08/11	3857.91	-	63.34	0.00	3794.57
MW-34	05/25/11	3857.91	-	63.33	0.00	3794.58
MW-34	08/18/11	3857.91	-	63.71	0.00	3794.20
MW-34	11/15/11	3857.91	-	63.63	0.00	3794.28
MW-34	02/29/12	3857.91	-	63.83	0.00	3794.08
MW-34	05/01/12	3857.91	-	63.93	0.00	3793.98
MW-34	08/10/12	3857.91	-	64.28	0.00	3793.63
MW-34	11/28/12	3857.91	-	64.19	0.00	3793.72
MW-34	02/21/13	3857.91	-	64.25	0.00	3793.66
MW-34	05/15/13	3857.91	-	64.31	0.00	3793.60
MW-34	08/21/13	3857.91	-	64.35	0.00	3793.56
MW-34	11/11/13	3857.91	-	64.40	0.00	3793.51
MW-34	02/19/14	3857.91	-	64.49	0.00	3793.42
MW-34	05/20/14	3857.91	-	64.57	0.00	3793.34
MW-34	07/29/14	3857.91	-	64.63	0.00	3793.28
MW-34	08/19/14	3857.91	-	64.62	0.00	3793.29
MW-34	10/30/14	3857.91	-	64.68	0.00	3793.23
MW-34	11/24/14	3857.91	-	64.66	0.00	3793.25
MW-35	03/15/06	3857.16	-	61.80	0.00	3795.36
MW-35	06/14/06	3857.16	-	61.89	0.00	3795.27
MW-35	09/13/06	3857.16	-	61.97	0.00	3795.19
MW-35	12/06/06	3857.16	-	62.04	0.00	3795.12
MW-35	03/01/07	3857.16	-	62.09	0.00	3795.07
MW-35	05/24/07	3857.16	-	62.13	0.00	3795.03
MW-35	08/23/07	3857.16	-	62.22	0.00	3794.94
MW-35	11/08/07	3857.16	-	62.28	0.00	3794.88
MW-35	03/04/08	3857.16	-	62.39	0.00	3794.77
MW-35	06/11/08	3857.16	-	62.44	0.00	3794.72
MW-35	09/09/08	3857.16	-	62.53	0.00	3794.63
MW-35	12/11/08	3857.16	-	62.51	0.00	3794.65
MW-35	02/26/09	3857.16	-	62.65	0.00	3794.51
MW-35	05/22/09	3857.16	-	62.72	0.00	3794.44
MW-35	08/18/09	3857.16	-	62.78	0.00	3794.38
MW-35	12/10/09	3857.16	-	62.82	0.00	3794.34
MW-35	01/06/10	3857.16	-	62.81	0.00	3794.35
MW-35	02/02/10	3857.16	-	-	-	-

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-35	02/22/10	3857.16	-	62.85	0.00	3794.31
MW-35	05/06/10	3857.16		62.81	0.00	3794.35
MW-35	05/13/10	3857.16	-	62.83	0.00	3794.33
MW-35	05/19/10	3857.16	-	62.85	0.00	3794.31
MW-35	06/04/10	3857.16	-	62.92	0.00	3794.24
MW-35	08/26/10	3857.16	-	62.94	0.00	3794.22
MW-35	11/30/10	3857.16	-	62.84	0.00	3794.32
MW-35	03/08/11	3857.16	-	62.83	0.00	3794.33
MW-35	05/25/11	3857.16	-	62.83	0.00	3794.33
MW-35	08/19/11	3857.16	-	63.21	0.00	3793.95
MW-35	11/15/11	3857.16	-	63.79	0.00	3793.37
MW-35	02/29/12	3857.16	-	63.36	0.00	3793.80
MW-35	05/01/12	3857.16	-	63.47	0.00	3793.69
MW-35	08/10/12	3857.16	-	63.82	0.00	3793.34
MW-35	11/28/12	3857.16	-	63.71	0.00	3793.45
MW-35	02/21/13	3857.16	-	63.79	0.00	3793.37
MW-35	05/15/13	3857.16	-	64.87	0.00	3792.29
MW-35	08/21/13	3857.16	-	63.89	0.00	3793.27
MW-35	11/11/13	3857.16	-	63.95	0.00	3793.21
MW-35	02/20/14	3857.16	-	64.05	0.00	3793.11
MW-35	05/20/14	3857.16	-	64.15	0.00	3793.01
MW-35	07/29/14	3857.16	-	64.18	0.00	3792.98
MW-35	08/19/14	3857.16	-	64.18	0.00	3792.98
MW-35	10/30/14	3857.16	-	64.22	0.00	3792.94
MW-35	11/24/14	3857.16	-	64.20	0.00	3792.96
MW-36	12/06/06	3858.80	-	62.70	0.00	3796.10
MW-36	03/01/07	3858.80	-	62.76	0.00	3796.04
MW-36	05/24/07	3858.80	-	62.81	0.00	3795.99
MW-36	08/23/07	3858.80	-	62.88	0.00	3795.92
MW-36	11/08/07	3858.80	-	62.94	0.00	3795.86
MW-36	03/04/08	3858.80	-	63.04	0.00	3795.76
MW-36	06/11/08	3858.80	-	63.82	0.00	3794.98
MW-36	09/09/08	3858.80	-	63.22	0.00	3795.58
MW-36	12/11/08	3858.80	-	63.24	0.00	3795.56
MW-36	02/27/09	3858.80	-	63.32	0.00	3795.48
MW-36	05/22/09	3858.80	-	63.37	0.00	3795.43
MW-36	08/18/09	3858.80	-	63.42	0.00	3795.38
MW-36	12/10/09	3858.80	-	63.45	0.00	3795.35
MW-36	01/06/10	3858.80	-	63.46	0.00	3795.34
MW-36	02/02/10	3858.80	-	-	-	-
MW-36	02/22/10	3858.80	-	63.48	0.00	3795.32

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-36	05/06/10	3858.80	-	63.46	0.00	3795.34
MW-36	05/13/10	3858.80	-	63.45	0.00	3795.35
MW-36	05/19/10	3858.80	-	63.42	0.00	3795.38
MW-36	06/04/10	3858.80	-	63.53	0.00	3795.27
MW-36	08/26/10	3858.80	-	63.52	0.00	3795.28
MW-36	11/30/10	3858.80	-	63.47	0.00	3795.33
MW-36	03/08/11	3858.80	-	63.47	0.00	3795.33
MW-36	05/25/11	3858.80	-	63.43	0.00	3795.37
MW-36	08/19/11	3858.80	-	63.80	0.00	3795.00
MW-36	11/15/11	3858.80	-	63.15	0.00	3795.65
MW-36	02/29/12	3858.80	-	63.99	0.00	3794.81
MW-36	05/01/12	3858.80	-	64.08	0.00	3794.72
MW-36	08/10/12	3858.80	-	64.43	0.00	3794.37
MW-36	11/28/12	3858.80	-	64.36	0.00	3794.44
MW-36	02/21/13	3858.80	-	64.41	0.00	3794.39
MW-36	05/15/13	3858.80	-	64.47	0.00	3794.33
MW-36	08/21/13	3858.80	-	64.52	0.00	3794.28
MW-36	11/11/13	3858.80	-	64.57	0.00	3794.23
MW-36	02/19/14	3858.80	-	64.65	0.00	3794.15
MW-36	05/20/14	3858.80	-	64.74	0.00	3794.06
MW-36	07/29/14	3858.80	-	64.78	0.00	3794.02
MW-36	08/19/14	3858.80	-	64.77	0.00	3794.03
MW-36	10/30/14	3858.80	-	64.82	0.00	3793.98
MW-36	11/24/14	3858.80	-	64.80	0.00	3794.00
MW-37	12/06/06	3857.69	-	61.51	0.00	3796.18
MW-37	03/01/07	3857.69	-	61.60	0.00	3796.09
MW-37	05/24/07	3857.69	-	61.54	0.00	3796.15
MW-37	08/23/07	3857.69	-	61.76	0.00	3795.93
MW-37	11/08/07	3857.69	-	61.83	0.00	3795.86
MW-37	03/04/08	3857.69	-	61.93	0.00	3795.76
MW-37	06/11/08	3857.69	-	61.98	0.00	3795.71
MW-37	09/09/08	3857.69	-	62.07	0.00	3795.62
MW-37	12/11/08	3857.69	-	62.13	0.00	3795.56
MW-37	02/26/09	3857.69	-	62.20	0.00	3795.49
MW-37	05/21/09	3857.69	-	62.18	0.00	3795.51
MW-37	08/18/09	3857.69	-	62.33	0.00	3795.36
MW-37	12/09/09	3857.69	-	62.38	0.00	3795.31
MW-37	01/06/10	3857.69	-	62.40	0.00	3795.29
MW-37	02/22/10	3857.69	-	62.41	0.00	3795.28
MW-37	06/04/10	3857.69	-	62.44	0.00	3795.25
MW-37	08/26/10	3857.69	-	62.43	0.00	3795.26

TABLE 1
HISTORIC GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-37	11/30/10	3857.69	-	62.40	0.00	3795.29
MW-37	03/08/11	3857.69	-	62.40	0.00	3795.29
MW-37	05/25/11	3857.69	-	62.41	0.00	3795.28
MW-37	08/18/11	3857.69	-	62.78	0.00	3794.91
MW-37	11/15/11	3857.69	-	62.72	0.00	3794.97
MW-37	02/29/12	3857.69	-	62.94	0.00	3794.75
MW-37	05/01/12	3857.69	-	63.03	0.00	3794.66
MW-37	08/10/12	3857.69	-	63.38	0.00	3794.31
MW-37	11/29/12	3857.69	-	63.31	0.00	3794.38
MW-37	02/21/13	3857.69	-	63.38	0.00	3794.31
MW-37	05/15/13	3857.69	-	63.42	0.00	3794.27
MW-37	08/21/13	3857.69	-	63.48	0.00	3794.21
MW-37	11/11/13	3857.69	-	63.55	0.00	3794.14
MW-37	02/19/14	3857.69	-	63.63	0.00	3794.06
MW-37	05/20/14	3857.69	-	63.73	0.00	3793.96
MW-37	07/29/14	3857.69	-	63.75	0.00	3793.94
MW-37	08/19/14	3857.69	-	63.71	0.00	3793.98
MW-37	10/30/14	3857.69	-	63.80	0.00	3793.89
MW-37	11/24/14	3857.69	-	63.78	0.00	3793.91
MW-38	12/06/06	3855.95	-	60.42	0.00	3795.53
MW-38	03/01/07	3855.95	-	60.47	0.00	3795.48
MW-38	05/24/07	3855.95	-	60.54	0.00	3795.41
MW-38	08/23/07	3855.95	-	60.61	0.00	3795.34
MW-38	11/08/07	3855.95	-	60.66	0.00	3795.29
MW-38	03/04/08	3855.95	-	60.77	0.00	3795.18
MW-38	06/11/08	3855.95	-	60.82	0.00	3795.13
MW-38	09/09/08	3855.95	-	60.93	0.00	3795.02
MW-38	12/11/08	3855.95	-	60.99	0.00	3794.96
MW-38	02/26/09	3855.95	-	61.02	0.00	3794.93
MW-38	05/21/09	3855.95	-	63.28	0.00	3792.67
MW-38	08/18/09	3855.95	-	61.15	0.00	3794.80
MW-38	12/09/09	3855.95	-	61.18	0.00	3794.77
MW-38	01/06/10	3855.95	-	61.17	0.00	3794.78
MW-38	02/22/10	3855.95	-	61.22	0.00	3794.73
MW-38	06/04/10	3855.95	-	61.26	0.00	3794.69
MW-38	08/26/10	3855.95	-	61.27	0.00	3794.68
MW-38	11/30/10	3855.95	-	61.19	0.00	3794.76
MW-38	03/08/11	3855.95	-	61.17	0.00	3794.78
MW-38	05/25/11	3855.95	-	61.19	0.00	3794.76
MW-38	08/18/11	3855.95	-	61.56	0.00	3794.39
MW-38	11/15/11	3855.95	-	61.52	0.00	3794.43

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

TNM SPS - 11
 PLAINS MARKETING, L.P.
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-38	02/29/12	3855.95	-	61.75	0.00	3794.20
MW-38	05/01/12	3855.95	-	61.83	0.00	3794.12
MW-38	08/10/12	3855.95	-	62.18	0.00	3793.77
MW-38	11/28/12	3855.95	-	62.12	0.00	3793.83
MW-38	02/21/13	3855.95	-	67.17	0.00	3788.78
MW-38	05/15/13	3855.95	-	62.25	0.00	3793.70
MW-38	08/21/13	3855.95	-	62.29	0.00	3793.66
MW-38	11/11/13	3855.95	-	62.34	0.00	3793.61
MW-38	02/19/14	3855.95	-	62.41	0.00	3793.54
MW-38	05/20/14	3855.95	-	62.50	0.00	3793.45
MW-38	07/29/14	3855.95	-	62.55	0.00	3793.40
MW-38	08/19/14	3855.95	-	62.54	0.00	3793.41
MW-38	10/30/14	3855.95	-	62.56	0.00	3793.39
MW-38	11/24/14	3855.95	-	62.54	0.00	3793.41
MW-39	12/03/07	-	-	61.42	0.00	-
MW-39	03/04/08	-	-	61.51	0.00	-
MW-39	06/11/08	-	-	61.59	0.00	-
MW-39	09/09/08	-	-	61.70	0.00	-
MW-39	12/11/08	-	-	61.81	0.00	-
MW-39	02/26/09	-	-	61.89	0.00	-
MW-39	05/21/09	-	-	61.95	0.00	-
MW-39	08/18/09	-	-	61.95	0.00	-
MW-39	12/09/09	-	-	62.02	0.00	-
MW-39	01/06/10	-	-	62.05	0.00	-
MW-39	02/22/10	-	-	62.08	0.00	-
MW-39	06/04/10	-	-	62.16	0.00	-
MW-39	08/26/10	-	-	62.19	0.00	-
MW-39	11/30/10	-	-	62.03	0.00	-
MW-39	03/08/11	-	-	62.04	0.00	-
MW-39	05/25/11	-	-	62.03	0.00	-
MW-39	08/18/11	-	-	62.40	0.00	-
MW-39	11/15/11	-	-	62.40	0.00	-
MW-39	02/29/12	-	-	62.56	0.00	-
MW-39	05/01/12	-	-	62.65	0.00	-
MW-39	08/10/12	-	-	62.99	0.00	-
MW-39	11/27/12	-	-	62.89	0.00	-
MW-39	02/21/13	-	-	62.98	0.00	-
MW-39	05/15/13	-	-	63.05	0.00	-
MW-39	08/21/13	-	-	63.14	0.00	-
MW-39	11/11/13	-	-	63.19	0.00	-
MW-39	02/19/14	-	-	63.28	0.00	-

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

TNM SPS - 11
 PLAINS MARKETING, L.P.
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-39	05/20/14		-	63.39	0.00	-
MW-39	07/29/14		-	63.45	0.00	-
MW-39	08/19/14		-	63.43	0.00	-
MW-39	10/30/14		-	63.48	0.00	-
MW-39	11/24/14		-	63.49	0.00	-
MW-40	12/03/07	-	-	63.59	0.00	-
MW-40	03/04/08	-	-	63.71	0.00	-
MW-40	06/11/08	-	-	63.75	0.00	-
MW-40	09/09/08	-	-	63.84	0.00	-
MW-40	12/11/08	-	-	63.09	0.00	-
MW-40	02/27/09	-	-	63.94	0.00	-
MW-40	05/22/09	-	-	63.99	0.00	-
MW-40	08/18/09	-	-	64.05	0.00	-
MW-40	12/10/09	-	-	64.08	0.00	-
MW-40	01/06/10	-	-	64.07	0.00	-
MW-40	02/02/10	-	-		0.00	-
MW-40	02/22/10	-	-	64.09	0.00	-
MW-40	05/06/10	-	-	64.07	0.00	-
MW-40	05/13/10	-	-	64.06	0.00	-
MW-40	05/19/10	-	-	64.09	0.00	-
MW-40	06/04/10	-	-	64.12	0.00	-
MW-40	08/26/10	-	-	64.14	0.00	-
MW-40	11/30/10	-	-	64.09	0.00	-
MW-40	03/08/11	-	-	64.10	0.00	-
MW-40	05/25/11	-	-	64.08	0.00	-
MW-40	08/19/11	-	-	64.45	0.00	-
MW-40	11/15/11	-	-	64.38	0.00	-
MW-40	02/29/12	-	-	64.58	0.00	-
MW-40	05/01/12	-	-	64.70	0.00	-
MW-40	08/10/12	-	-	65.06	0.00	-
MW-40	11/28/12	-	-	64.96	0.00	-
MW-40	02/21/13	-	-	65.10	0.00	-
MW-40	05/15/13	-	-	65.50	0.00	-
MW-40	08/21/13	-	-	65.09	0.00	-
MW-40	11/11/13	-	-	65.15	0.00	-
MW-40	02/19/14	-	-	65.22	0.00	-
MW-40	05/20/14	-	-	65.31	0.00	-
MW-40	07/29/14	-	-	65.37	0.00	-
MW-40	08/19/14	-	-	65.34	0.00	-
MW-40	10/30/14	-	-	65.41	0.00	-
MW-40	11/24/14	-	-	65.38	0.00	-

Historic Table 2

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 1	08/20/99	6.5400	0.078	1.36	0.605	0.217
MW - 1	12/08/99	5.2000	0.386	1.06	0.501	0.223
MW - 1	03/24/00	0.5470	0.098	0.169	0.042	0.014
MW - 1	06/14/00	2.2800	0.06	0.451	0.06	0.013
MW - 1	09/22/00	0.4550	0.115	0.128	0.051	0.023
MW - 1	12/28/00	1.9900	0.05	0.442	0.11	0.056
MW - 1	03/14/01	2.7200	0.199	0.659	0.200	0.075
MW - 1	06/06/01	3.5600	0.155	0.812	0.372	
MW - 1	09/28/01	1.2800	0.065	0.366	0.145	0.013
MW - 1	11/17/01	6.8800	0.121	1.65	0.865	0.204
MW - 1	03/26/02	1.8500	0.049	0.361	0.042	0.007
MW - 1	06/26/02	2.0700	0.169	0.545	0.105	0.018
MW - 1	09/25/02	2.6000	0.311	0.402	0.104	0.033
MW - 1	12/10/02	1.6100	0.307	0.248	0.081	0.022
MW - 1	03/11/03	0.8440	0.148	0.172	0.075	0.025
MW - 1	06/10/03	1.1700	0.080	0.078	0.111	0.020
MW - 1	03/01/04	2.9100	0.114	0.481	0.511	0.170
MW - 1	05/19/04	2.5900	0.0794	0.429	0.303	0.125
MW - 1	03/17/05	Not Sampled Due to PSH in Well				
MW - 1	06/15/05	6.8100	0.122	0.92	0.181	
MW - 1	09/14/05	Not Sampled Due to PSH in Well				
MW - 1	12/13/05	Not Sampled Due to PSH in Well				
MW - 1	03/15/06	Not Sampled Due to PSH in Well				
MW - 1	06/14/06	Not Sampled Due to PSH in Well				
MW - 1	09/13/06	Not Sampled Due to PSH in Well				
MW - 1	12/05/06	Not Sampled Due to PSH in Well				
MW - 1	03/01/07	Not Sampled Due to PSH in Well				
MW - 1	05/24/07	Not Sampled Due to PSH in Well				
MW - 1	08/23/07	Not Sampled Due to PSH in Well				
MW - 1	11/04/07	Not Sampled Due to PSH in Well				
MW - 1	03/04/08	Not Sampled Due to PSH in Well				
MW - 1	06/11/08	Not Sampled Due to PSH in Well				
MW - 1	09/10/08	Not Sampled Due to PSH in Well				
MW - 1	12/11/08	Not Sampled Due to Insufficient Water Volume				
MW - 1	02/26/09	Not Sampled Due to PSH in Well				
MW - 1	05/22/09	Not Sampled Due to PSH in Well				
MW - 1	08/18/09	Not Sampled Due to PSH in Well				
MW - 1	12/10/09	2.690	0.578	1.28	1.26	
MW - 1	02/22/10	Not Sampled Due to PSH in Well				
MW - 1	06/03/10	Not Sampled Due to PSH in Well				

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 1	08/26/10	Not Sampled Due to PSH in Well				
MW - 1	12/01/10	Not Sampled Due to PSH in Well				
MW - 1	03/09/11	Not Sampled Due to PSH in Well				
MW - 1	05/26/11	Not Sampled Due to PSH in Well				
MW - 1	08/18/11	Not Sampled Due to PSH in Well				
MW - 1	11/15/11	Not Sampled Due to PSH in Well				
MW - 1	02/29/12	Not Sampled Due to PSH in Well				
MW - 1	05/02/12	Not Sampled Due to PSH in Well				
MW - 1	08/10/12	Not Sampled Due to PSH in Well				
MW - 1	11/27/12	Not Sampled Due to PSH in Well				
MW - 1	02/22/13	Not Sampled Due to PSH in Well				
MW - 1	05/15/13	Not Sampled Due to PSH in Well				
MW - 1	08/21/13	Not Sampled Due to PSH in Well				
MW - 1	11/11/13	Not Sampled Due to PSH in Well				
MW - 1	02/20/14	Not Sampled Due to PSH in Well				
MW - 1	05/20/14	Not Sampled Due to PSH in Well				
MW - 1	08/19/14	Not Sampled Due to PSH in Well				
MW - 1	11/26/14	Not Sampled Due to PSH in Well				
MW - 2	08/19/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 2	12/08/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 2	03/24/00	0.0010	0.001	<0.001	<0.001	<0.001
MW - 2	06/14/00	0.0150	0.006	0.007	0.002	<0.001
MW - 2	09/22/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 2	12/28/00	0.0020	0.001	0.001	<0.001	<0.001
MW - 2	03/14/01	0.0010	0.001	<0.001	<0.001	<0.001
MW - 2	06/06/01	0.0070	0.013	<0.001	<0.001	
MW - 2	09/28/01	0.0010	0.001	<0.001	<0.001	<0.001
MW - 2	11/17/01	0.0110	0.002	0.003	0.002	<0.001
MW - 2	03/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 2	06/26/02	0.0020	0.002	0.001	0.001	<0.001
MW - 2	09/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 2	12/10/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 2	03/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 2	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 2	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 2	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 2	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 2	12/09/04	<0.001	<0.001	<0.001	<0.001	
MW - 2	03/17/05	Not Sampled on Current Sample Schedule				

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 2	06/15/05	Not Sampled on Current Sample Schedule				
MW - 2	09/14/05	Not Sampled on Current Sample Schedule				
MW - 2	12/13/05	<0.001	<0.001	<0.001	<0.001	
MW - 2	03/15/06	Not Sampled on Current Sample Schedule				
MW - 2	06/14/06	Not Sampled on Current Sample Schedule				
MW - 2	09/13/06	Not Sampled on Current Sample Schedule				
MW - 2	12/05/06	<0.001	<0.001	<0.001	<0.001	
MW - 2	03/01/07	Not Sampled on Current Sample Schedule				
MW - 2	05/24/07	Not Sampled on Current Sample Schedule				
MW - 2	08/23/07	Not Sampled on Current Sample Schedule				
MW - 2	11/08/07	<0.001	<0.001	<0.001	<0.001	
MW - 2	03/04/08	Not Sampled on Current Sample Schedule				
MW - 2	06/11/08	Not Sampled on Current Sample Schedule				
MW - 2	09/10/08	Not Sampled on Current Sample Schedule				
MW - 2	12/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 2	02/26/09	Not Sampled on Current Sample Schedule				
MW - 2	05/22/09	Not Sampled on Current Sample Schedule				
MW - 2	08/18/09	Not Sampled on Current Sample Schedule				
MW - 2	12/09/09	<0.001	<0.001	<0.001	<0.001	
MW - 2	02/22/10	Not Sampled on Current Sample Schedule				
MW - 2	06/03/10	Not Sampled on Current Sample Schedule				
MW - 2	08/26/10	Not Sampled on Current Sample Schedule				
MW - 2	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 2	03/09/11	Not Sampled on Current Sample Schedule				
MW - 2	05/26/11	Not Sampled on Current Sample Schedule				
MW - 2	08/18/11	Not Sampled on Current Sample Schedule				
MW - 2	11/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 2	02/29/12	Not Sampled on Current Sample Schedule				
MW - 2	05/02/12	Not Sampled on Current Sample Schedule				
MW - 2	08/10/12	Not Sampled on Current Sample Schedule				
MW - 2	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 2	02/22/13	Not Sampled on Current Sample Schedule				
MW - 2	05/15/13	Not Sampled on Current Sample Schedule				
MW - 2	08/21/13	Not Sampled on Current Sample Schedule				
MW - 2	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 2	02/19/14	Not Sampled on Current Sample Schedule				
MW - 2	05/20/14	Not Sampled on Current Sample Schedule				
MW - 2	08/19/14	Not Sampled on Current Sample Schedule				
MW - 2	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b					
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE	
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62		
MW - 3	08/19/99	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 3	12/08/99	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 3	03/24/00	<0.001	0.001	<0.001	<0.001	<0.001	
MW - 3	06/14/00	0.0030	0.001	0.003	<0.001	<0.001	
MW - 3	09/22/00	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 3	12/28/00	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 3	03/14/01	0.0040	0.005	0.003	0.003	<0.001	
MW - 3	06/06/01	0.0060	<0.001	<0.001	<0.001		
MW - 3	09/28/01	0.0020	0.002	<0.001	0.001	<0.001	
MW - 3	11/17/01	0.0060	0.001	0.002	0.002	<0.001	
MW - 3	03/26/02	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 3	06/26/02	0.0030	0.004	0.002	0.002	<0.001	
MW - 3	09/25/02	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 3	12/10/02	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 3	03/11/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 3	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 3	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 3	12/08/03	0.0030	<0.001	0.002	<0.002	<0.001	
MW - 3	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001	
MW - 3	12/09/04	<0.001	<0.001	<0.001	<0.001		
MW - 3	03/17/05	Not Sampled on Current Sample Schedule					
MW - 3	06/15/05	Not Sampled on Current Sample Schedule					
MW - 3	09/14/05	Not Sampled on Current Sample Schedule					
MW - 3	12/13/05	<0.001	<0.001	<0.001	<0.001		
MW - 3	03/15/06	Not Sampled on Current Sample Schedule					
MW - 3	06/14/06	Not Sampled on Current Sample Schedule					
MW - 3	09/13/06	Not Sampled on Current Sample Schedule					
MW - 3	12/05/06	<0.001	<0.001	<0.001	<0.001		
MW - 3	03/01/07	Not Sampled on Current Sample Schedule					
MW - 3	05/24/07	Not Sampled on Current Sample Schedule					
MW - 3	08/23/07	Not Sampled on Current Sample Schedule					
MW - 3	11/08/07	<0.001	<0.001	<0.001	<0.001		
MW - 3	03/04/08	Not Sampled on Current Sample Schedule					
MW - 3	06/11/08	Not Sampled on Current Sample Schedule					
MW - 3	09/10/08	Not Sampled on Current Sample Schedule					
MW - 3	12/11/08	<0.001	<0.001	<0.001	<0.001		
MW - 3	02/26/09	Not Sampled on Current Sample Schedule					
MW - 3	05/22/09	Not Sampled on Current Sample Schedule					
MW - 3	08/18/09	Not Sampled on Current Sample Schedule					
MW - 3	12/09/09	<0.001	<0.001	<0.001	<0.001		

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 3	02/22/10	Not Sampled on Current Sample Schedule				
MW - 3	06/03/10	Not Sampled on Current Sample Schedule				
MW - 3	08/26/10	Not Sampled on Current Sample Schedule				
MW - 3	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 3	03/09/11	Not Sampled on Current Sample Schedule				
MW - 3	05/26/11	Not Sampled on Current Sample Schedule				
MW - 3	08/18/11	Not Sampled on Current Sample Schedule				
MW - 3	11/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 3	02/29/12	Not Sampled on Current Sample Schedule				
MW - 3	05/02/12	Not Sampled on Current Sample Schedule				
MW - 3	08/10/12	Not Sampled on Current Sample Schedule				
MW - 3	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 3	02/22/13	Not Sampled on Current Sample Schedule				
MW - 3	05/15/13	Not Sampled on Current Sample Schedule				
MW - 3	08/21/13	Not Sampled on Current Sample Schedule				
MW - 3	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 3	02/19/14	Not Sampled on Current Sample Schedule				
MW - 3	05/20/14	Not Sampled on Current Sample Schedule				
MW - 3	08/19/14	Not Sampled on Current Sample Schedule				
MW - 3	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 4	08/19/00	0.0090	<0.001	0.002	<0.001	<0.001
MW - 4	12/08/99	0.0140	0.002	0.003	0.002	<0.001
MW - 4	03/24/00	0.0150	0.001	0.003	0.001	<0.001
MW - 4	06/14/00	0.0210	0.001	0.006	0.001	<0.001
MW - 4	09/22/00	0.0150	0.002	0.006	0.002	0.001
MW - 4	12/28/00	0.0110	0.002	0.003	<0.001	<0.001
MW - 4	03/14/01	0.0080	<0.001	0.002	<0.001	<0.001
MW - 4	06/06/01	0.0200	<0.001	<0.001	<0.001	
MW - 4	09/28/01	0.0120	0.001	0.003	0.001	<0.001
MW - 4	11/17/01	0.0020	<0.001	<0.001	<0.001	<0.001
MW - 4	03/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 4	06/26/02	0.0130	<0.001	0.003	<0.001	<0.001
MW - 4	09/25/02	0.0140	<0.001	0.003	<0.001	<0.001
MW - 4	12/10/02	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 4	03/11/03	0.0050	<0.001	0.001	<0.001	<0.001
MW - 4	06/10/03	0.0030	<0.001	0.001	<0.001	<0.001
MW - 4	09/03/03	0.0040	<0.001	0.002	<0.001	<0.001
MW - 4	12/08/03	0.0040	<0.001	0.002	<0.002	<0.001
MW - 4	03/01/04	0.0020	<0.001	<0.001	<0.002	<0.001

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 4	05/19/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 4	08/26/04	0.0078	<0.001	0.00264	<0.002	<0.001
MW - 4	12/09/04	<0.001	<0.001	<0.001	<0.001	
MW - 4	03/17/05	0.0091	<0.005	<0.005	<0.005	
MW - 4	06/15/05	0.0209	<0.001	<0.001	<0.001	
MW - 4	09/14/05	0.0892	0.0019	0.0325	0.0085	
MW - 4	12/13/05	0.0168	0.0013	0.005	0.0014	
MW - 4	03/15/06	0.0050	<0.001	<0.001	<0.001	
MW - 4	06/14/06	0.0109	<0.001	<0.001	<0.001	
MW - 4	09/13/06	0.0449	<0.001	0.007	<0.001	
MW - 4	12/06/06	<0.001	<0.001	<0.001	<0.001	
MW - 4	03/01/07	<0.001	<0.001	<0.001	<0.001	
MW - 4	05/24/07	<0.001	<0.001	<0.001	<0.001	
MW - 4	08/23/07	0.0063	<0.001	<0.001	<0.001	
MW - 4	11/08/07	0.0101	<0.001	0.0268	0.0295	
MW - 4	03/04/08	Not Sampled Due to PSH in Well				
MW - 4	06/11/08	Not Sampled Due to PSH in Well				
MW - 4	09/10/08	Not Sampled Due to PSH in Well				
MW - 4	12/11/08	Not Sampled Due to Insufficient Water Volume				
MW - 4	02/26/09	Not Sampled Due to PSH in Well				
MW - 4	05/22/09	Not Sampled Due to PSH in Well				
MW - 4	08/18/09	Not Sampled Due to PSH in Well				
MW - 4	12/10/09	1.110	0.272	1.670	1.970	
MW - 4	02/22/10	Not Sampled Due to PSH in Well				
MW - 4	06/03/10	Not Sampled Due to PSH in Well				
MW - 4	08/26/10	Not Sampled Due to PSH in Well				
MW - 4	12/01/10	Not Sampled Due to PSH in Well				
MW - 4	03/09/11	Not Sampled Due to PSH in Well				
MW - 4	05/26/11	Not Sampled Due to PSH in Well				
MW - 4	08/18/11	Not Sampled Due to PSH in Well				
MW - 4	11/15/11	Not Sampled Due to PSH in Well				
MW - 4	02/29/12	Not Sampled Due to PSH in Well				
MW - 4	05/02/12	Not Sampled Due to PSH in Well				
MW - 4	08/10/12	Not Sampled Due to PSH in Well				
MW - 4	11/27/12	Not Sampled Due to PSH in Well				
MW - 4	02/22/13	Not Sampled Due to PSH in Well				
MW - 4	05/15/13	Not Sampled Due to PSH in Well				
MW - 4	08/21/13	Not Sampled Due to PSH in Well				
MW - 4	11/11/13	Not Sampled Due to PSH in Well				
MW - 4	02/19/14	Not Sampled Due to PSH in Well				

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 4	05/20/14	Not Sampled Due to PSH in Well				
MW - 4	08/19/14	Not Sampled Due to PSH in Well				
MW - 4	11/25/14	Not Sampled Due to PSH in Well				
MW - 6	08/19/99	0.0090	<0.001	<0.001	<0.001	<0.001
MW - 6	12/08/99	0.0110	<0.001	0.002	<0.001	<0.001
MW - 6	03/24/00	0.0090	<0.001	<0.001	<0.001	<0.001
MW - 6	06/14/00	0.0050	<0.001	0.002	<0.001	<0.001
MW - 6	09/02/00	0.0400	<0.001	0.01	0.003	<0.001
MW - 6	12/28/00	0.0100	0.001	0.002	<0.001	<0.001
MW - 6	03/14/01	0.0210	<0.001	0.004	0.001	<0.001
MW - 6	06/06/01	0.0240	<0.001	<0.001	<0.001	
MW - 6	09/28/01	0.0270	<0.001	0.004	0.002	<0.001
MW - 6	11/17/01	0.0130	<0.001	0.003	0.001	<0.001
MW - 6	03/26/02	0.0130	<0.001	<0.001	<0.001	<0.001
MW - 6	06/26/02	0.0030	0.002	<0.001	<0.001	<0.001
MW - 6	09/25/02	0.0160	<0.001	<0.001	<0.001	<0.001
MW - 6	12/10/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 6	03/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 6	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 6	09/03/03	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 6	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 6	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 6	05/19/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 6	08/26/04	0.0203	<0.001	<0.001	<0.002	<0.001
MW - 6	12/09/04	0.0073	<0.001	<0.001	<0.001	
MW - 6	03/17/05	<0.001	<0.001	<0.001	<0.001	
MW - 6	06/15/05	<0.001	<0.001	<0.001	<0.001	
MW - 6	09/14/05	0.0149	<0.001	<0.001	<0.001	
MW - 6	12/13/05	<0.001	<0.001	<0.001	<0.001	
MW - 6	03/15/06	<0.001	<0.001	<0.001	<0.001	
MW - 6	06/14/06	<0.001	<0.001	<0.001	<0.001	
MW - 6	09/13/06	2.6900	<0.02	0.236	<0.02	
MW - 6	12/06/06	<0.001	<0.001	<0.001	<0.001	
MW - 6	03/01/07	0.0045	<0.001	<0.001	<0.001	
MW - 6	05/24/07	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/23/07	<0.001	<0.001	<0.001	<0.001	
MW - 6	11/08/07	<0.001	<0.001	<0.001	<0.001	
MW - 6	03/04/08	<0.001	<0.001	<0.001	<0.001	
MW - 6	06/11/08	<0.001	<0.001	<0.001	<0.001	

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 6	09/10/08	<0.001	<0.001	<0.001	<0.001	
MW - 6	12/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 6	02/26/09	<0.001	<0.001	<0.001	<0.001	
MW - 6	05/21/09	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/18/09	<0.001	<0.001	<0.001	<0.001	
MW - 6	12/09/09	<0.001	<0.001	<0.001	<0.001	
MW - 6	02/22/10	<0.001	<0.001	<0.001	<0.001	
MW - 6	06/03/10	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/26/10	<0.001	<0.001	<0.001	<0.001	
MW - 6	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 6	03/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 6	05/26/11	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/18/11	<0.001	<0.001	<0.001	<0.001	
MW - 6	11/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 6	02/29/12	<0.001	<0.001	<0.001	<0.001	
MW - 6	05/02/12	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/10/12	<0.001	<0.001	<0.001	<0.003	
MW - 6	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 6	02/22/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	05/15/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	08/21/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 6	02/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 6	05/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 6	08/19/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 7	08/19/99	0.0390	0.008	0.018	0.005	0.004
MW - 7	12/08/99	0.1080	0.011	0.094	0.018	0.003
MW - 7	03/24/00	0.0440	0.01	0.014	0.004	0.002
MW - 7	06/14/00	0.0140	0.003	0.004	<0.001	<0.001
MW - 7	09/22/00	0.1500	0.026	0.084	0.022	0.015
MW - 7	12/28/00	0.0430	0.002	0.04	0.002	<0.001
MW - 7	03/14/01	0.0550	0.002	0.057	0.002	<0.001
MW - 7	06/06/01	0.0800	<0.005	0.079	<0.005	
MW - 7	09/28/01	0.1000	0.004	0.124	0.007	0.002
MW - 7	11/17/01	0.1620	0.004	0.154	0.014	0.004
MW - 7	03/26/02	0.0410	0.001	0.036	0.002	<0.001
MW - 7	06/26/02	0.0810	0.007	0.06	0.002	0.001
MW - 7	09/25/02	0.1540	0.013	0.079	0.006	0.003

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 7	12/10/02	0.0660	0.007	0.054	0.004	0.001
MW - 7	03/11/03	0.0430	0.004	0.031	0.002	<0.001
MW - 7	06/10/03	0.0430	0.004	0.011	0.002	0.002
MW - 7	09/03/03	0.0850	0.010	0.043	0.008	0.003
MW - 7	12/08/03	0.0450	0.003	0.009	0.002	0.001
MW - 7	03/01/04	0.0950	0.004	0.027	0.003	0.001
MW - 7	05/19/04	0.0279	0.0014	0.00759	<0.002	<0.001
MW - 7	08/26/04	0.1580	0.00834	0.0479	0.0172	0.0123
MW - 7	12/09/04	1.3600	<0.001	0.118	<0.001	
MW - 7	03/17/05	2.8700	0.0291	1.78	0.644	
MW - 7	06/15/05	2.8600	0.0804	1.41	0.426	
MW - 7	09/14/05	2.9200	<0.05	1.77	0.455	
MW - 7	12/13/05	2.0800	<0.02	1.4	0.188	
MW - 7	03/15/06	1.4800	<0.050	1.08	0.152	
MW - 7	06/14/06	0.8140	<0.02	0.616	0.034	
MW - 7	09/14/06	0.8870	<0.02	0.678	<0.02	
MW - 7	12/06/06	0.5830	<0.01	0.457	0.0297	
MW - 7	03/01/07	0.6700	<0.02	0.518	0.0338	
MW - 7	05/24/07	Not Sampled Due to PSH in Well				
MW - 7	08/23/07	Not Sampled Due to PSH in Well				
MW - 7	11/08/07	Not Sampled Due to PSH in Well				
MW - 7	03/04/08	Not Sampled Due to PSH in Well				
MW - 7	06/11/08	Not Sampled Due to PSH in Well				
MW - 7	09/10/08	Not Sampled Due to PSH in Well				
MW - 7	12/11/08	1.9800	0.133	1.85	1.10	
MW - 7	02/26/09	Not Sampled Due to PSH in Well				
MW - 7	05/22/09	Not Sampled Due to PSH in Well				
MW - 7	08/18/09	Not Sampled Due to PSH in Well				
MW - 7	12/10/09	2.470	0.681	2.110	1.480	
MW - 7	02/22/10	Not Sampled Due to PSH in Well				
MW - 7	06/03/10	Not Sampled Due to PSH in Well				
MW - 7	08/26/10	Not Sampled Due to PSH in Well				
MW - 7	12/01/10	Not Sampled Due to PSH in Well				
MW - 7	03/09/11	Not Sampled Due to PSH in Well				
MW - 7	05/26/11	Not Sampled Due to PSH in Well				
MW - 7	08/19/11	Not Sampled Due to PSH in Well				
MW - 7	11/15/11	Not Sampled Due to PSH in Well				
MW - 7	02/29/12	Not Sampled Due to PSH in Well				
MW - 7	02/22/13	Not Sampled Due to PSH in Well				
MW - 7	05/15/13	Not Sampled Due to PSH in Well				

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 7	08/21/13	Not Sampled Due to PSH in Well				
MW - 7	11/11/13	Not Sampled Due to PSH in Well				
MW - 7	02/19/14	Not Sampled Due to PSH in Well				
MW - 7	05/20/14	Not Sampled Due to PSH in Well				
MW - 7	08/19/14	Not Sampled Due to PSH in Well				
MW - 7	11/25/14	Not Sampled Due to PSH in Well				
MW - 9	08/19/99	0.7250	0.163	0.368	0.252	0.104
MW - 9	12/08/99	0.0580	<0.001	0.022	0.004	<0.001
MW - 9	03/24/00	0.0120	0.002	0.002	<0.001	<0.001
MW - 9	06/14/00	0.0410	<0.001	0.024	0.002	<0.001
MW - 9	09/22/00	0.0580	<0.001	0.008	0.002	<0.001
MW - 9	12/28/00	0.8670	<0.010	0.344	0.043	<0.010
MW - 9	03/14/01	2.5200	<0.010	1.12	0.098	0.019
MW - 9	06/06/01	2.9800	<0.005	1.15	0.198	
MW - 9	09/28/01	2.3600	<0.002	1.00	0.015	<0.002
MW - 9	11/17/01	1.8200	0.002	0.724	0.013	0.002
MW - 9	03/26/02	0.1620	<0.001	0.037	0.001	<0.001
MW - 9	06/26/02	0.8360	<0.001	0.481	0.185	<0.001
MW - 9	09/25/02	0.7100	0.002	0.199	0.003	<0.001
MW - 9	12/10/02	1.0100	<0.001	0.369	0.017	<0.001
MW - 9	03/11/03	0.9660	<0.001	0.190	0.010	0.001
MW - 9	06/10/03	0.2100	<0.001	0.017	<0.001	<0.001
MW - 9	09/03/03	0.4890	<0.001	0.056	0.003	<0.001
MW - 9	12/08/03	0.5590	0.008	0.017	0.009	0.002
MW - 9	03/01/04	0.0690	<0.001	0.002	<0.002	<0.001
MW - 9	05/19/04	0.0890	<0.001	0.00235	<0.002	<0.001
MW - 9	08/26/04	0.1160	<0.001	<0.001	<0.002	<0.001
MW - 9	12/09/04	3.4400	<0.001	<0.001	<0.001	
MW - 9	03/17/05	0.7830	<0.01	0.0891	0.0655	
MW - 9	06/15/05	1.4200	<0.02	0.168	0.06	
MW - 9	09/15/05	2.3600	<0.05	0.431	0.0838	
MW - 9	12/13/05	2.5100	<0.02	0.462	0.0282	
MW - 9	03/15/06	2.5000	<0.2	0.52	<0.2	
MW - 9	06/14/06	3.1300	<0.1	0.361	<0.1	
MW - 9	09/14/06	<0.001	<0.001	<0.001	<0.001	
MW - 9	12/06/06	1.5400	0.0354	0.0429	0.0406	
MW - 9	03/02/07	1.4200	<0.02	0.0712	<0.020	
MW - 9	05/24/07	1.4400	<0.01	0.0412	<0.010	
MW - 9	08/23/07	0.7570	<0.050	<0.050	<0.050	

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 9	11/08/07	1.1000	<0.020	<0.020	<0.020	
MW - 9	03/04/08	0.8620	<0.010	0.0222	<0.010	
MW - 9	06/11/08	0.7480	<0.005	0.0559	<0.005	
MW - 9	09/10/08	0.4550	<0.005	0.0139	<0.005	
MW - 9	12/11/08	0.0722	<0.010	<0.010	<0.010	
MW - 9	02/27/09	0.1660	<0.010	<0.010	<0.010	
MW - 9	05/22/09	0.0610	<0.005	<0.005	<0.005	
MW - 9	08/18/09	0.2070	>0.0100	>0.0100	>0.0100	
MW - 9	12/10/09	0.0551	<0.005	0.0113	<0.005	
MW - 9	02/22/10	0.1670	<0.005	0.306	0.277	
MW - 9	06/03/10	0.2230	<0.005	0.0367	<0.005	
MW - 9	08/26/10	0.0989	<0.001	0.0059	<0.001	
MW - 9	12/01/10	0.0408	<0.001	<0.001	<0.001	
MW - 9	03/09/11	0.0375	<0.001	0.0597	0.0565	
MW - 9	05/26/11	0.3580	<0.005	0.068	0.0818	
MW - 9	08/19/11	0.3820	<0.005	<0.005	<0.005	
MW - 9	11/15/11	0.9240	<0.005	0.0345	<0.005	
MW - 9	02/29/12	0.3810	<0.005	<0.005	<0.005	
MW - 9	05/02/12	0.7730	<0.005	0.119	<0.005	
MW - 9	08/10/12	0.1330	<0.001	<0.001	<0.003	
MW - 9	11/27/12	0.0994	<0.001	<0.001	<0.001	
MW - 9	02/22/13	0.0298	<0.00100	<0.00100	<0.00100	
MW - 9	05/15/13	0.0256	<0.00100	<0.00100	<0.00100	
MW - 9	08/21/13	0.00860	<0.00100	<0.00100	<0.00100	
MW - 9	11/11/13	0.00400	<0.00100	<0.00100	<0.00300	
MW - 9	02/20/14	0.0175	<0.00100	<0.00100	<0.00300	
MW - 9	05/20/14	0.0453	<0.00100	<0.00100	<0.00300	
MW - 9	08/19/14	0.0428	<0.00100	<0.00100	<0.00100	
MW - 9	11/26/14	0.168	<0.00100	0.0368	<0.00100	
MW - 10	08/19/99	0.0400	0.007	0.006	0.006	0.003
MW - 10	12/08/99	0.0480	0.022	0.021	0.013	0.008
MW - 10	03/24/00	0.0220	0.004	0.005	0.004	0.002
MW - 10	06/14/00	0.0120	0.004	0.007	0.002	0.002
MW - 10	09/22/00	0.0260	0.005	0.016	0.006	0.005
MW - 10	12/28/00	0.0180	0.003	0.015	0.002	0.002
MW - 10	03/14/01	0.0110	0.004	0.013	0.002	0.002
MW - 10	06/06/01	0.0220	<0.001	0.016	0.035	
MW - 10	09/28/01	0.0070	<0.001	0.008	0.001	<0.001
MW - 10	11/17/01	0.0140	<0.001	0.007	0.002	<0.001

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 10	03/26/02	0.0210	<0.001	0.006	<0.001	<0.001
MW - 10	06/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 10	09/25/02	0.0020	<0.001	0.002	<0.001	<0.001
MW - 10	12/10/02	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 10	03/11/03	0.0070	0.003	0.001	0.001	<0.001
MW - 10	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 10	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 10	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 10	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 10	12/09/04	0.0016	<0.001	<0.001	<0.001	
MW - 10	03/17/05	Not Sampled on Current Sample Schedule				
MW - 10	06/15/05	0.0622	<0.005	0.0132	0.0175	
MW - 10	09/15/05	Not Sampled on Current Sample Schedule				
MW - 10	12/13/05	0.0149	<0.005	0.0561	0.0071	
MW - 10	03/15/06	Not Sampled on Current Sample Schedule				
MW - 10	06/14/06	0.0014	<0.001	0.0057	<0.001	
MW - 10	09/13/06	<0.001	<0.001	<0.001	<0.001	
MW - 10	12/06/06	<0.001	<0.001	<0.001	<0.001	
MW - 10	03/01/07	<0.001	<0.001	<0.001	<0.001	
MW - 10	05/24/07	<0.001	<0.001	<0.001	<0.001	
MW - 10	08/23/07	<0.001	<0.001	<0.001	<0.001	
MW - 10	11/08/07	<0.001	<0.001	<0.001	<0.001	
MW - 10	03/04/08	<0.001	<0.001	<0.001	<0.001	
MW - 10	06/11/08	0.0031	<0.001	<0.001	<0.001	
MW - 10	09/10/08	0.0012	<0.001	<0.001	<0.001	
MW - 10	12/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 10	02/26/09	<0.001	<0.001	<0.001	<0.001	
MW - 10	05/21/09	<0.001	<0.001	<0.001	<0.001	
MW - 10	08/18/09	<0.001	<0.001	<0.001	<0.001	
MW - 10	12/09/09	<0.001	<0.001	<0.001	<0.001	
MW - 10	02/22/10	<0.001	<0.001	<0.001	<0.001	
MW - 10	06/03/10	<0.001	<0.001	<0.001	<0.001	
MW - 10	08/26/10	<0.001	<0.001	<0.001	<0.001	
MW - 10	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 10	03/09/11	0.0174	<0.001	<0.001	<0.001	
MW - 10	05/26/11	0.0134	<0.001	<0.001	<0.001	
MW - 10	08/19/11	0.0066	<0.001	<0.001	<0.001	
MW - 10	11/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 10	02/29/12	<0.001	<0.001	<0.001	<0.001	
MW - 10	05/02/12	<0.001	<0.001	<0.001	<0.001	

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 10	08/10/12	<0.001	<0.001	<0.001	<0.003	
MW - 10	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 10	02/22/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 10	05/15/13	0.00200	<0.00100	<0.00100	<0.00100	
MW - 10	08/21/13	<0.00100	<0.00100	<0.00100	0.00120	
MW - 10	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 10	02/20/14	0.00300	<0.00100	0.00390	<0.00300	
MW - 10	05/20/14	0.00540	<0.00100	0.0107	<0.00300	
MW - 10	08/19/14	0.00840	<0.00100	0.0189	<0.00100	
MW - 10	11/26/14	0.0140	<0.00100	0.0208	<0.00100	
MW - 11	08/20/99	1.7630	<0.010	<0.010	<0.010	<0.010
MW - 11	12/08/99	2.9400	<0.010	<0.010	<0.010	<0.010
MW - 11	03/24/00	1.4000	<0.025	<0.025	<0.025	<0.025
MW - 11	06/14/00	0.7240	0.002	0.001	<0.001	<0.001
MW - 11	09/22/00	1.9700	<0.100	<0.100	<0.100	<0.100
MW - 11	12/28/00	0.2500	<0.001	<0.001	<0.001	<0.001
MW - 11	03/14/01	0.1050	<0.001	<0.001	<0.001	<0.001
MW - 11	06/06/01	0.0730	<0.001	0.013	0.035	
MW - 11	09/28/01	0.0130	<0.001	0.001	<0.001	<0.001
MW - 11	11/17/01	0.0320	<0.001	0.007	<0.001	<0.001
MW - 11	03/26/02	0.0130	0.001	0.004	<0.001	<0.001
MW - 11	06/26/02	0.0010	<0.001	0.004	<0.001	<0.001
MW - 11	09/25/02	0.0010	<0.001	0.004	<0.001	<0.001
MW - 11	12/10/02	<0.001	<0.001	0.002	<0.001	<0.001
MW - 11	03/11/03	0.0080	0.003	0.002	0.002	<0.001
MW - 11	06/10/03	<0.001	<0.001	0.001	<0.001	<0.001
MW - 11	09/03/03	0.0010	<0.001	0.003	<0.001	<0.001
MW - 11	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 11	03/01/04	0.0220	<0.001	0.024	<0.002	<0.001
MW - 11	05/19/04	0.0555	<0.001	0.0308	<0.002	<0.001
MW - 11	08/26/04	0.1560	<0.001	0.0467	0.00308	<0.001
MW - 11	12/09/04	0.2520	<0.001	0.075	<0.001	
MW - 11	03/17/05	0.3700	<0.005	0.139	0.0077	
MW - 11	06/15/05	0.5940	<0.01	0.188	<0.01	
MW - 11	09/14/05	1.0200	<0.02	0.422	0.0303	
MW - 11	12/14/05	0.8200	<0.02	0.356	0.0267	
MW - 11	03/15/06	0.8790	<0.02	0.401	<0.02	
MW - 11	06/14/06	1.1300	<0.02	0.425	0.0505	
MW - 11	09/14/06	0.7330	<0.02	0.222	<0.02	

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 11	12/06/06	0.6720	<0.01	0.161	0.0294	
MW - 11	03/01/07	0.9710	<0.01	0.422	0.0691	
MW - 11	05/24/07	1.4500	<0.001	0.487	0.0873	
MW - 11	08/23/07	1.2600	<0.02	0.44	0.0773	
MW - 11	11/08/07	1.3400	<0.01	0.347	0.0762	
MW - 11	03/04/08	1.7400	<0.01	0.537	0.103	
MW - 11	06/11/08	1.4300	<0.010	0.307	0.0624	
MW - 11	09/10/08	1.9700	0.0425	0.539	0.26	
MW - 11	12/11/08	2.1100	<0.010	0.537	0.0996	
MW - 11	02/26/09	Not Sampled				
MW - 11	05/22/09	2.4500	<0.001	0.499	0.176	
MW - 11	08/18/09	2.4700	<0.050	0.522	0.342	
MW - 11	12/10/09	3.4300	<0.050	0.665	<0.050	
MW - 11	02/22/10	3.2400	<0.050	0.66	<0.050	
MW - 11	06/03/10	3.4700	<0.050	0.676	<0.050	
MW - 11	08/26/10	4.4200	<0.0500	0.654	0.153	
MW - 11	12/01/10	4.5700	<0.0500	1.01	0.51	
MW - 11	03/09/11	5.1500	<0.0500	1.43	1.26	
MW - 11	05/26/11	5.7100	<0.0500	1.3	1.19	
MW - 11	08/19/11	Not Sampled Due to PSH in Well				
MW - 11	11/15/11	Not Sampled Due to PSH in Well				
MW - 11	02/29/12	Not Sampled Due to PSH in Well				
MW - 11	05/02/12	Not Sampled Due to PSH in Well				
MW - 11	08/10/12	Not Sampled Due to PSH in Well				
MW - 11	11/27/12	Not Sampled Due to PSH in Well				
MW - 11	02/22/13	Not Sampled Due to PSH in Well				
MW - 11	05/15/13	Not Sampled Due to PSH in Well				
MW - 11	08/21/13	Not Sampled Due to PSH in Well				
MW - 11	11/11/13	Not Sampled Due to PSH in Well				
MW - 11	02/20/14	Not Sampled Due to PSH in Well				
MW - 11	05/20/14	Not Sampled Due to PSH in Well				
MW - 11	08/19/14	Not Sampled Due to PSH in Well				
MW - 11	11/26/14	Not Sampled Due to PSH in Well				
MW - 12	08/19/99	0.4340	0.006	0.054	0.026	0.003
MW - 12	12/08/99	0.6040	0.012	0.08	0.03	0.004
MW - 12	03/24/00	0.0120	0.002	<0.001	0.004	0.001
MW - 12	06/14/00	0.0090	<0.001	0.001	<0.001	<0.001
MW - 12	09/22/00	0.7160	0.026	0.31	0.091	0.039

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 12	12/28/00	0.3130	0.006	0.063	0.012	0.004
MW - 12	03/14/01	0.4240	0.013	0.037	0.016	0.004
MW - 12	06/06/01	0.4190	0.013	0.052	0.04	
MW - 12	09/28/01	0.0630	0.004	0.008	0.006	0.001
MW - 12	11/17/01	0.0500	0.003	0.006	0.004	<0.001
MW - 12	03/26/02	0.0020	<0.001	<0.001	<0.001	<0.001
MW - 12	06/26/02	0.0210	0.002	<0.001	0.004	0.001
MW - 12	09/25/02	0.0600	0.009	0.002	0.011	0.003
MW - 12	12/09/02	0.0160	0.006	<0.001	0.008	0.003
MW - 12	03/11/03	0.0280	0.006	<0.001	0.007	0.003
MW - 12	06/10/03	0.0040	<0.001	<0.001	<0.001	<0.001
MW - 12	09/03/03	0.0910	0.007	0.018	0.029	0.006
MW - 12	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 12	03/01/04	0.0020	<0.001	<0.001	<0.002	<0.001
MW - 12	05/19/04	0.0125	<0.001	0.00145	<0.002	<0.001
MW - 12	08/26/04	0.0019	<0.001	<0.001	<0.002	<0.001
MW - 12	12/09/04	0.7180	<0.1	0.28	0.175	
MW - 12	03/17/05	0.3500	<0.005	0.205	0.0629	
MW - 12	06/15/05	0.3340	<0.01	0.168	0.0419	
MW - 12	09/14/05	0.2140	<0.005	0.136	0.0501	
MW - 12	12/13/05	0.0558	<0.005	0.0444	0.0145	
MW - 12	03/15/06	0.0297	<0.005	0.0171	<0.005	
MW - 12	06/14/06	0.0123	<0.001	0.0078	0.0019	
MW - 12	09/13/06	0.0215	0.0012	0.0042	0.0026	
MW - 12	12/06/06	0.0037	<0.001	<0.001	<0.001	
MW - 12	03/01/07	<0.001	<0.001	<0.001	<0.001	
MW - 12	05/24/07	<0.001	<0.001	<0.001	<0.001	
MW - 12	08/23/07	0.0030	<0.001	<0.001	<0.001	
MW - 12	11/08/07	0.0065	<0.001	<0.001	0.0065	
MW - 12	03/04/08	0.0021	<0.001	<0.001	0.001	
MW - 12	06/11/08	0.0148	0.0012	<0.001	0.0026	
MW - 12	09/10/08	0.0066	0.001	<0.001	0.002	
MW - 12	12/11/08	0.0065	0.001	<0.001	0.0029	
MW - 12	02/27/09	0.0111	<0.001	<0.001	0.0237	
MW - 12	05/21/09	<0.001	<0.001	<0.001	<0.001	
MW - 12	08/18/09	<0.001	<0.001	<0.001	<0.001	
MW - 12	12/09/09	<0.001	<0.001	<0.001	<0.001	
MW - 12	02/22/10	<0.001	<0.001	<0.001	<0.001	
MW - 12	06/03/10	<0.001	<0.001	<0.001	<0.001	
MW - 12	08/26/10	<0.001	<0.001	0.0096	<0.001	

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION		SAMPLE DATE	SW 846-8260b				
			BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62		
MW - 12	12/01/10	<0.001	<0.001	<0.001	<0.001		
MW - 12	03/09/11	<0.001	<0.001	<0.001	<0.001		
MW - 12	05/26/11	<0.001	<0.001	<0.001	<0.001		
MW - 12	08/18/11	<0.001	<0.001	<0.001	<0.001		
MW - 12	11/15/11	<0.001	<0.001	<0.001	<0.001		
MW - 12	02/29/12	0.0107	<0.001	<0.001	<0.001		
MW - 12	05/02/12	<0.001	<0.001	<0.001	<0.001		
MW - 12	08/10/12	<0.001	<0.001	<0.001	<0.003		
MW - 12	11/27/12	<0.001	<0.001	<0.001	<0.001		
MW - 12	02/22/13	<0.00100	<0.00100	<0.00100	<0.00100		
MW - 12	05/15/13	0.00320	<0.00100	<0.00100	0.00140		
MW - 12	08/21/13	<0.00100	<0.00100	<0.00100	<0.00100		
MW - 12	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300		
MW - 12	02/20/14	<0.00100	<0.00100	<0.00100	<0.00300		
MW - 12	05/20/14	<0.00100	<0.00100	<0.00100	<0.00300		
MW - 12	08/19/14	<0.00100	<0.00100	<0.00100	<0.00100		
MW - 12	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100		
MW - 13	08/19/99	<0.001	<0.001	<0.001	0.001	<0.001	
MW - 13	12/08/99	0.0010	<0.001	<0.001	<0.001	<0.001	
MW - 13	03/24/00	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 13	06/14/00	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 13	09/22/00	0.0010	<0.001	0.003	<0.001	<0.001	
MW - 13	12/28/00	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 13	03/14/01	0.0020	<0.001	0.003	<0.001	<0.001	
MW - 13	06/06/01	<0.001	<0.001	<0.001	<0.001		
MW - 13	09/27/01	0.0020	<0.001	<0.001	<0.001	<0.001	
MW - 13	11/17/01	0.0010	<0.001	<0.001	<0.001	<0.001	
MW - 13	03/26/02	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 13	06/26/02	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 13	09/25/02	0.0020	<0.001	<0.001	<0.001	<0.001	
MW - 13	12/09/02	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 13	03/11/03	0.0020	<0.001	<0.001	<0.001	<0.001	
MW - 13	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 13	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 13	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001	
MW - 13	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001	
MW - 13	12/09/04	<0.001	<0.001	<0.001	<0.001		
MW - 13	03/17/05	Not Sampled on Current Sample Schedule					
MW - 13	06/15/05	Not Sampled on Current Sample Schedule					

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 13	09/14/05	Not Sampled on Current Sample Schedule				
MW - 13	12/13/05	<0.001	<0.001	<0.001	<0.001	
MW - 13	03/15/06	Not Sampled on Current Sample Schedule				
MW - 13	06/14/06	Not Sampled on Current Sample Schedule				
MW - 13	09/13/06	Not Sampled on Current Sample Schedule				
MW - 13	12/05/06	<0.001	<0.001	<0.001	<0.001	
MW - 13	03/01/07	Not Sampled on Current Sample Schedule				
MW - 13	05/24/07	Not Sampled on Current Sample Schedule				
MW - 13	08/23/07	Not Sampled on Current Sample Schedule				
MW - 13	11/08/07	<0.001	<0.001	<0.001	<0.001	
MW - 13	03/04/08	Not Sampled on Current Sample Schedule				
MW - 13	06/11/08	Not Sampled on Current Sample Schedule				
MW - 13	09/10/08	Not Sampled on Current Sample Schedule				
MW - 13	12/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 13	02/26/09	Not Sampled on Current Sample Schedule				
MW - 13	05/21/09	Not Sampled on Current Sample Schedule				
MW - 13	08/18/09	Not Sampled on Current Sample Schedule				
MW - 13	12/09/09	<0.001	<0.001	<0.001	<0.001	
MW - 13	02/22/10	Not Sampled on Current Sample Schedule				
MW - 13	06/03/10	Not Sampled on Current Sample Schedule				
MW - 13	08/26/10	Not Sampled on Current Sample Schedule				
MW - 13	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 13	03/09/11	Not Sampled on Current Sample Schedule				
MW - 13	05/26/11	Not Sampled on Current Sample Schedule				
MW - 13	08/18/11	Not Sampled on Current Sample Schedule				
MW - 13	11/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 13	02/29/12	Not Sampled on Current Sample Schedule				
MW - 13	05/02/12	Not Sampled on Current Sample Schedule				
MW - 13	08/10/12	Not Sampled on Current Sample Schedule				
MW - 13	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 13	02/22/13	Not Sampled on Current Sample Schedule				
MW - 13	05/15/13	Not Sampled on Current Sample Schedule				
MW - 13	08/21/13	Not Sampled on Current Sample Schedule				
MW - 13	11/11/13	<0.00500	<0.00500	<0.00500	<0.0150	
MW - 13	02/20/14	Not Sampled on Current Sample Schedule				
MW - 13	05/20/14	Not Sampled on Current Sample Schedule				
MW - 13	08/19/14	Not Sampled on Current Sample Schedule				
MW - 13	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 14	08/19/99	8.030	0.21	1.31	0.68	0.364

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 14	12/08/99	7.970	0.022	1.18	0.459	0.233
MW - 14	03/24/00	3.470	<0.025	0.2	0.069	0.037
MW - 14	06/14/00	1.590	0.016	0.106	0.01	<0.010
MW - 14	09/22/00	3.650	<0.100	0.518	0.229	<0.100
MW - 14	12/28/00	3.970	0.003	0.392	0.239	0.015
MW - 14	03/14/01	3.920	<0.020	0.483	0.157	<0.020
MW - 14	06/06/01	5.460	<0.005	0.695	0.418	
MW - 14	09/27/01	4.890	<0.005	0.498	0.297	<0.005
MW - 14	11/17/01	7.140	0.03	0.427	0.413	0.154
MW - 14	03/26/02	2.460	<0.001	0.186	0.148	0.005
MW - 14	06/26/02	5.310	<0.001	0.495	0.381	<0.001
MW - 14	09/25/02	4.290	<0.001	0.309	0.194	<0.001
MW - 14	12/10/02	2.370	<0.002	0.123	0.097	<0.001
MW - 14	03/11/03	2.220	<0.001	0.108	0.136	0.006
MW - 14	06/10/03	3.800	<0.001	0.180	0.176	<0.001
MW - 14	09/03/03	2.620	<0.001	0.113	0.051	<0.001
MW - 14	12/08/03	0.922	0.057	0.194	0.095	0.047
MW - 14	03/01/04	3.410	<0.001	0.160	0.051	<0.001
MW - 14	05/19/04	3.020	<0.001	0.096	0.0117	<0.001
MW - 14	08/26/04	3.590	<0.001	0.176	0.0241	<0.001
MW - 14	12/09/04	4.650	<0.200	<0.2	<0.200	
MW - 14	03/17/05	5.240	<0.050	1.000	0.077	
MW - 14	06/15/05	3.900	<0.100	0.368	<0.100	
MW - 14	09/15/05	4.710	<0.100	0.993	<0.100	
MW - 14	12/13/05	3.910	<0.100	0.943	<0.100	
MW - 14	03/15/06	3.660	<0.200	0.960	<0.200	
MW - 14	06/14/06	4.500	<0.200	1.040	<0.200	
MW - 14	09/14/06	4.960	<0.100	1.210	<0.100	
MW - 14	12/06/06	3.960	<0.020	1.010	<0.020	
MW - 14	03/02/07	0.0474	<0.001	0.013	<0.001	
MW - 14	05/24/07	5.850	<0.020	0.890	<0.020	
MW - 14	08/23/07	5.660	<0.100	1.060	<0.100	
MW - 14	11/08/07	7.310	<0.200	0.875	<0.200	
MW - 14	03/04/08	7.350	<0.050	0.712	<0.050	
MW - 14	06/11/08	5.870	<0.050	0.513	<0.050	
MW - 14	09/10/08	6.900	<0.050	0.375	<0.050	
MW - 14	12/11/08	5.930	<0.050	0.382	<0.050	
MW - 14	02/26/09	Well Not Sampled				
MW - 14	05/22/09	5.110	<0.005	0.286	<0.005	
MW - 14	08/18/09	3.500	<0.050	0.236	<0.050	

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION		SAMPLE DATE	SW 846-8260b			
			BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 14	12/10/09	5.400	<0.050	0.277	<0.050	
MW - 14	02/22/10	5.560	<0.050	0.224	<0.050	
MW - 14	06/03/10	5.380	<0.050	0.159	<0.050	
MW - 14	08/26/10	6.140	<0.050	<0.0500	<0.050	
MW - 14	12/01/10	6.460	<0.050	0.362	<0.050	
MW - 14	03/09/11	6.360	<0.050	0.671	<0.050	
MW - 14	05/26/11	6.680	<0.050	0.456	<0.050	
MW - 14	08/19/11	6.080	<0.050	<0.050	<0.050	
MW - 14	11/15/11	4.280	<0.050	<0.050	<0.050	
MW - 14	02/29/12	3.710	<0.050	<0.050	<0.050	
MW - 14	05/02/12	3.830	<0.050	0.581	<0.050	
MW - 14	08/10/12	6.400	<0.100	<0.100	<0.300	
MW - 14	11/27/12	2.590	<0.05	<0.05	<0.05	
MW - 14	02/22/13	2.53	<0.0200	0.200	<0.0200	
MW - 14	05/15/13	2.41	<0.0100	0.154	<0.0100	
MW - 14	08/21/13	2.20	<0.0500	<0.0500	<0.0500	
MW - 14	11/11/13	2.34	<0.0500	<0.0500	<0.0500	
MW - 14	02/20/14	2.60	<0.0500	<0.0500	<0.150	
MW - 14	05/20/14	1.58	<0.100	<0.100	<0.300	
MW - 14	08/19/14	2.34	<0.0500	<0.0500	<0.0500	
MW - 14	11/26/14	2.37	<0.100	<0.100	<0.100	
MW - 15	08/19/99	0.0310	<0.001	0.001	<0.001	<0.001
MW - 15	12/08/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 15	03/24/00	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 15	06/14/00	0.0060	<0.001	<0.001	<0.001	<0.001
MW - 15	09/22/00	0.0110	<0.001	0.002	<0.001	<0.001
MW - 15	12/28/00	0.0280	<0.001	<0.001	<0.001	<0.001
MW - 15	03/14/01	0.0230	<0.001	0.003	<0.001	<0.001
MW - 15	06/06/01	0.0210	<0.001	<0.001	<0.001	
MW - 15	09/27/01	0.0080	<0.001	<0.001	<0.001	<0.001
MW - 15	11/17/01	0.0400	<0.001	0.003	0.001	<0.001
MW - 15	03/26/02	0.0060	<0.001	<0.001	<0.001	<0.001
MW - 15	06/26/02	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 15	09/25/02	0.0020	<0.001	<0.001	<0.001	<0.001
MW - 15	12/09/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 15	03/11/03	0.0040	<0.001	<0.001	<0.001	<0.001
MW - 15	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 15	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 15	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 15	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 15	05/19/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 15	08/26/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 15	12/09/04	0.0027	<0.001	<0.001	<0.001	
MW - 15	03/17/05	<0.001	<0.001	<0.001	<0.001	
MW - 15	06/15/05	<0.001	<0.001	<0.001	<0.001	
MW - 15	09/14/05	<0.001	<0.001	<0.001	<0.001	
MW - 15	12/14/05	<0.005	<0.005	<0.005	<0.005	
MW - 15	03/15/06	<0.005	<0.005	<0.005	<0.005	
MW - 15	06/14/06	<0.001	<0.001	<0.001	<0.001	
MW - 15	09/13/06	<0.001	<0.001	<0.001	<0.001	
MW - 15	12/05/06	<0.001	<0.001	<0.001	<0.001	
MW - 15	03/01/07	<0.001	<0.001	<0.001	<0.001	
MW - 15	05/24/07	<0.001	<0.001	<0.001	<0.001	
MW - 15	08/23/07	<0.001	<0.001	<0.001	<0.001	
MW - 15	11/08/07	<0.001	<0.001	<0.001	<0.001	
MW - 15	03/04/08	<0.001	<0.001	<0.001	<0.001	
MW - 15	06/10/08	<0.001	<0.001	<0.001	<0.001	
MW - 15	09/10/08	Not Sampled on Current Sample Schedule				
MW - 15	12/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 15	02/26/09	<0.001	<0.001	<0.001	<0.001	
MW - 15	05/21/09	<0.001	<0.001	<0.001	<0.001	
MW - 15	08/18/09	<0.001	<0.001	<0.001	<0.001	
MW - 15	12/09/09	<0.001	<0.001	<0.001	<0.001	
MW - 15	02/22/10	<0.001	<0.001	<0.001	<0.001	
MW - 15	06/03/10	0.0021	<0.001	<0.001	<0.001	
MW - 15	08/26/10	0.0034	<0.001	<0.001	<0.001	
MW - 15	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 15	03/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 15	05/26/11	<0.001	<0.001	<0.001	<0.001	
MW - 15	08/18/11	<0.001	<0.001	<0.001	<0.001	
MW - 15	11/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 15	02/29/12	<0.001	<0.001	<0.001	<0.001	
MW - 15	05/02/12	<0.001	<0.001	<0.001	<0.001	
MW - 15	08/10/12	<0.001	<0.001	<0.001	<0.003	
MW - 15	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 15	02/22/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 15	05/15/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 15	08/21/13	0.00330	0.0103	0.00320	0.0213	
MW - 15	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 15	02/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 15	05/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 15	08/19/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 15	11/26/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 16	08/19/99	0.0650	0.004	0.002	0.002	<0.001
MW - 16	12/08/99	0.0550	0.025	0.005	0.005	0.002
MW - 16	03/24/00	0.1080	0.028	0.005	0.005	0.002
MW - 16	06/14/00	0.0170	0.002	<0.001	0.001	<0.001
MW - 16	09/22/00	0.0360	0.003	<0.001	<0.001	<0.001
MW - 16	12/28/00	0.0430	0.032	0.007	0.004	0.002
MW - 16	03/14/01	0.0570	0.036	0.015	0.006	0.002
MW - 16	06/06/01	0.0440	0.016	0.017	0.035	
MW - 16	09/27/01	0.0440	0.027	0.012	0.005	0.002
MW - 16	11/17/01	0.0390	0.025	0.015	0.008	0.004
MW - 16	03/26/02	0.0210	0.004	0.004	0.002	<0.001
MW - 16	06/26/02	0.1050	0.02	0.028	0.004	0.002
MW - 16	09/25/02	0.2010	0.072	0.03	0.013	0.005
MW - 16	12/10/02	0.0490	0.026	0.016	0.005	0.002
MW - 16	03/11/03	0.1820	0.149	0.036	0.028	0.014
MW - 16	06/10/03	0.1860	0.007	0.117	0.016	0.007
MW - 16	09/03/03	0.2590	0.065	0.109	0.034	0.012
MW - 16	12/08/03	0.0420	0.003	0.009	0.002	0.001
MW - 16	03/01/04	0.0750	0.001	0.075	0.013	0.002
MW - 16	05/19/04	0.0807	0.0109	0.0687	0.0141	0.00263
MW - 16	08/26/04	0.1890	0.0047	0.046	0.0134	<0.001
MW - 16	12/09/04	0.0680	0.0046	0.0354	<0.001	
MW - 16	03/17/05	0.0911	0.0388	0.0355	0.0118	
MW - 16	06/15/05	0.1740	0.0372	0.106	0.0268	
MW - 16	09/15/05	0.1420	<0.1	<0.1	<0.1	
MW - 16	12/13/05	0.2610	0.177	0.0809	0.0369	
MW - 16	03/15/06	0.1930	0.113	0.065	0.0347	
MW - 16	06/14/06	0.1060	0.0713	0.0304	0.0201	
MW - 16	09/13/06	0.0964	0.0842	0.0267	0.0202	
MW - 16	12/06/06	0.0250	<0.001	0.0063	0.0013	
MW - 16	03/01/07	0.0105	0.0106	0.0028	0.0045	
MW - 16	05/24/07	0.0165	0.0088	0.0028	0.0032	
MW - 16	08/23/07	0.0439	0.0254	0.0064	0.0084	
MW - 16	11/08/07	0.0862	0.0737	0.0123	0.0173	
MW - 16	03/04/08	0.0209	0.0193	0.0051	0.008	

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION		SAMPLE DATE	SW 846-8260b			
			BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 16	06/11/08	0.0605	0.0476	0.0129	0.0183	
MW - 16	09/10/08	0.0278	0.0248	0.0071	0.0093	
MW - 16	12/11/08	0.0427	0.0494	0.0108	0.0168	
MW - 16	02/27/09	0.0481	0.0666	0.018	0.0379	
MW - 16	05/21/09	0.0432	0.0509	0.0101	0.0219	
MW - 16	08/18/09	0.0063	0.0057	<0.001	0.0067	
MW - 16	12/10/09	0.0033	0.0022	0.0027	<0.001	
MW - 16	02/22/10	0.0283	0.324	0.0068	0.0125	
MW - 16	06/03/10	0.0053	0.0065	<0.001	0.0031	
MW - 16	08/26/10	0.0035	0.0018	<0.001	<0.001	
MW - 16	12/01/10	0.0076	0.0097	0.0038	0.0091	
MW - 16	03/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 16	05/26/11	<0.001	<0.001	<0.001	<0.001	
MW - 16	08/18/11	0.0049	<0.001	<0.001	<0.001	
MW - 16	11/15/11	0.0059	0.0054	<0.001	0.0026	
MW - 16	02/29/12	0.0203	0.0261	<0.001	0.025	
MW - 16	05/02/12	0.0284	0.036	0.01	0.0197	
MW - 16	08/10/12	0.0070	0.0071	0.0058	0.0131	
MW - 16	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 16	02/22/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 16	05/15/13	0.0156	0.0256	0.00560	0.00950	
MW - 16	08/21/13	0.0167	0.0190	0.00180	0.00330	
MW - 16	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 16	02/26/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 16	05/20/14	0.00140	0.00170	<0.00100	<0.00300	
MW - 16	08/19/14	0.181	0.221	0.0390	0.0649	
MW - 16*	09/09/14	0.0655	0.0815	0.0145	0.0258	
MW - 16	11/26/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 17	08/19/99	0.0100	0.016	0.008	<0.001	0.004
MW - 17	12/08/99	0.0660	0.068	0.027	0.019	0.009
MW - 17	03/24/00	0.0550	0.063	0.023	0.017	0.007
MW - 17	06/14/00	0.0190	0.023	0.011	0.007	0.004
MW - 17	09/22/00	0.0580	0.059	0.029	0.014	0.006
MW - 17	12/28/00	0.0650	0.08	0.024	0.014	0.007
MW - 17	03/14/01	0.0450	0.057	0.023	0.013	0.006
MW - 17	06/06/01	0.0960	0.058	0.0282	0.042	
MW - 17	09/27/01	0.0640	0.09	0.05	0.029	0.014
MW - 17	11/17/01	0.0260	0.041	0.023	0.013	0.006
MW - 17	03/26/02	0.0120	0.022	0.012	0.008	0.003

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 17	06/26/02	0.0160	0.021	0.014	0.007	0.004
MW - 17	09/25/02	0.0380	0.039	0.025	0.014	0.005
MW - 17	12/10/02	0.0080	0.013	0.008	0.005	0.003
MW - 17	03/11/03	0.0220	0.027	0.013	0.010	0.006
MW - 17	06/10/03	0.0030	0.003	0.002	0.001	<0.001
MW - 17	09/03/03	0.0080	0.004	0.003	0.002	<0.001
MW - 17	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 17	03/01/04	0.0050	0.005	0.003	0.003	0.001
MW - 17	05/19/04	0.0037	0.00431	0.00244	<0.002	<0.001
MW - 17	08/26/04	0.0023	0.00108	<0.001	<0.002	<0.001
MW - 17	12/09/04	0.0052	0.0025	0.0011	0.0017	
MW - 17	03/17/05	0.0051	0.002	0.0013	0.0017	
MW - 17	06/15/05	0.0195	0.0148	0.0063	0.0093	
MW - 17	09/14/05	0.0170	0.014	0.0076	0.0123	
MW - 17	12/13/05	0.0194	0.019	0.0086	0.0115	
MW - 17	03/15/06	0.0196	0.0158	0.0077	0.0131	
MW - 17	06/14/06	0.0224	0.0148	0.0072	0.0137	
MW - 17	09/13/06	0.0108	0.0068	0.0029	0.0064	
MW - 17	12/06/06	0.0086	0.0047	0.002	0.0048	
MW - 17	03/01/07	0.0054	0.0043	0.0022	0.0067	
MW - 17	05/24/07	<0.001	0.0046	<0.001	0.0067	
MW - 17	08/23/07	0.0089	0.0027	0.0017	0.0034	
MW - 17	11/08/07	0.0027	<0.001	<0.001	0.0014	
MW - 17	03/04/08	0.0041	0.0026	0.0011	0.0044	
MW - 17	06/11/08	0.0384	0.0077	0.0018	0.0105	
MW - 17	09/10/08	0.0214	0.0075	0.0065	0.0081	
MW - 17	12/11/08	0.0057	<0.001	<0.001	0.0038	
MW - 17	02/26/09	0.0173	0.0119	0.0092	0.0258	
MW - 17	05/21/09	0.0053	<0.001	<0.001	<0.001	
MW - 17	08/18/09	0.0035	<0.001	<0.001	0.0064	
MW - 17	12/10/09	0.0015	<0.001	<0.001	<0.001	
MW - 17	02/22/10	0.0143	<0.001	<0.001	0.0056	
MW - 17	06/03/10	0.0062	0.0019	<0.001	<0.001	
MW - 17	08/26/10	0.0036	0.0011	<0.001	0.0017	
MW - 17	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 17	03/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 17	05/26/11	<0.001	<0.001	<0.001	<0.001	
MW - 17	08/18/11	0.0053	<0.001	<0.001	<0.001	
MW - 17	11/15/11	0.0108	<0.001	<0.001	0.0029	
MW - 17	02/29/12	0.0112	<0.001	<0.001	<0.001	

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 17	05/02/12	0.0091	<0.001	<0.001	<0.001	
MW - 17	08/10/12	0.0089	<0.001	<0.001	<0.003	
MW - 17	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 17	02/22/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 17	05/16/13	0.00470	0.00230	<0.00100	0.00350	
MW - 17	08/21/13	0.00220	<0.00100	<0.00100	0.00190	
MW - 17	11/11/13	0.00270	<0.00100	<0.00100	<0.00300	
MW - 17	02/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 17	05/20/14	0.0122	<0.00100	<0.00100	<0.00300	
MW - 17	08/19/14	0.0114	0.00420	0.00130	0.00940	
MW - 17	11/26/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 18	08/19/99	<0.001	<0.001	0.001	<0.001	<0.001
MW - 18	12/08/99	0.0040	<0.001	0.002	0.002	<0.001
MW - 18	03/24/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 18	06/14/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 18	09/22/00	0.0020	<0.001	<0.001	<0.001	<0.001
MW - 18	12/28/00	0.0070	<0.001	0.002	0.001	<0.001
MW - 18	03/14/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 18	06/06/01	0.0050	<0.001	<0.001	<0.001	
MW - 18	09/27/01	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 18	11/17/01	0.0030	<0.001	0.002	0.001	<0.001
MW - 18	03/26/02	0.0040	<0.001	0.001	<0.001	<0.001
MW - 18	06/26/02	0.0010	<0.001	0.001	<0.001	<0.001
MW - 18	09/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 18	12/10/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 18	03/11/03	0.0020	0.001	<0.001	<0.001	<0.001
MW - 18	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 18	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 18	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 18	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 18	12/09/04	<0.001	<0.001	<0.001	<0.001	
MW - 18	03/17/05	Not Sampled on Current Sample Schedule				
MW - 18	06/15/05	<0.001	<0.001	<0.001	<0.001	
MW - 18	09/14/05	Not Sampled on Current Sample Schedule				
MW - 18	12/13/05	<0.005	<0.005	<0.005	<0.005	
MW - 18	03/15/06	Not Sampled on Current Sample Schedule				
MW - 18	06/14/06	<0.001	<0.001	<0.001	<0.001	
MW - 18	09/13/06	Not Sampled on Current Sample Schedule				
MW - 18	12/05/06	<0.001	<0.001	<0.001	<0.001	

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 18	03/01/07	Not Sampled on Current Sample Schedule				
MW - 18	06/21/08	<0.001	<0.001	<0.001	<0.001	
MW - 18	08/23/07	Not Sampled on Current Sample Schedule				
MW - 18	11/08/07	<0.001	<0.001	<0.001	<0.001	
MW - 18	03/04/08	Not Sampled on Current Sample Schedule				
MW - 18	06/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 18	09/10/08	Not Sampled on Current Sample Schedule				
MW - 18	12/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 18	02/26/09	Not Sampled on Current Sample Schedule				
MW - 18	05/21/09	<0.001	<0.001	<0.001	<0.001	
MW - 18	08/18/09	Not Sampled on Current Sample Schedule				
MW - 18	12/09/09	<0.001	<0.001	<0.001	<0.001	
MW - 18	02/22/10	Not Sampled on Current Sample Schedule				
MW - 18	06/03/10	<0.001	<0.001	<0.001	<0.001	
MW - 18	08/26/10	Not Sampled on Current Sample Schedule				
MW - 18	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 18	03/09/11	Not Sampled on Current Sample Schedule				
MW - 18	05/26/11	<0.001	<0.001	<0.001	<0.001	
MW - 18	08/18/11	Not Sampled on Current Sample Schedule				
MW - 18	11/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 18	02/29/12	Not Sampled on Current Sample Schedule				
MW - 18	05/02/12	<0.001	<0.001	<0.001	<0.001	
MW - 18	08/10/12	Not Sampled on Current Sample Schedule				
MW - 18	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 18	02/22/13	Not Sampled on Current Sample Schedule				
MW - 18	05/16/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 18	08/21/13	Not Sampled on Current Sample Schedule				
MW - 18	11/11/13	<0.00500	<0.00500	<0.00500	<0.0150	
MW - 18	02/19/14	Not Sampled on Current Sample Schedule				
MW - 18	05/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 18	08/28/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 18	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 19	08/19/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 19	12/08/99	0.0080	0.001	0.002	0.002	<0.001
MW - 19	03/24/00	0.0030	<0.001	<0.001	<0.001	<0.001
MW - 19	06/14/00	0.0020	<0.001	<0.001	<0.001	<0.001
MW - 19	09/22/00	0.0020	<0.001	0.002	<0.001	<0.001
MW - 19	12/28/00	0.0120	<0.001	0.002	<0.001	<0.001
MW - 19	03/14/01	0.0080	<0.001	0.002	<0.001	<0.001

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 19	06/06/01	0.0060	<0.001	<0.001	<0.001	
MW - 19	09/27/01	0.0010	<0.001	0.001	<0.001	<0.001
MW - 19	11/17/01	0.0050	<0.001	0.003	0.001	<0.001
MW - 19	03/26/02	0.0130	<0.001	0.004	<0.001	<0.001
MW - 19	06/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 19	09/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 19	12/10/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 19	03/11/03	0.0040	0.001	0.001	<0.001	<0.001
MW - 19	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 19	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 19	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 19	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 19	12/09/04	<0.001	<0.001	<0.001	<0.001	
MW - 19	03/17/05	Not Sampled on Current Sample Schedule				
MW - 19	06/15/05	Not Sampled on Current Sample Schedule				
MW - 19	09/14/05	Not Sampled on Current Sample Schedule				
MW - 19	12/13/05	<0.005	<0.005	<0.005	<0.005	
MW - 19	03/15/06	Not Sampled on Current Sample Schedule				
MW - 19	06/14/06	Not Sampled on Current Sample Schedule				
MW - 19	09/13/06	Not Sampled on Current Sample Schedule				
MW - 19	12/06/06	<0.001	<0.001	<0.001	0.0024	
MW - 19	03/01/07	Not Sampled on Current Sample Schedule				
MW - 19	05/24/07	Not Sampled on Current Sample Schedule				
MW - 19	08/23/07	Not Sampled on Current Sample Schedule				
MW - 19	11/08/07	<0.001	<0.001	<0.001	<0.001	
MW - 19	03/04/08	Not Sampled on Current Sample Schedule				
MW - 19	06/11/08	Not Sampled on Current Sample Schedule				
MW - 19	09/10/08	Not Sampled on Current Sample Schedule				
MW - 19	12/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 19	02/26/09	Not Sampled on Current Sample Schedule				
MW - 19	05/21/09	Not Sampled on Current Sample Schedule				
MW - 19	08/18/09	Not Sampled on Current Sample Schedule				
MW - 19	12/09/09	<0.001	<0.001	<0.001	<0.001	
MW - 19	02/22/10	Not Sampled on Current Sample Schedule				
MW - 19	06/03/10	Not Sampled on Current Sample Schedule				
MW - 19	08/26/10	Not Sampled on Current Sample Schedule				
MW - 19	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 19	03/09/11	Not Sampled on Current Sample Schedule				
MW - 19	05/26/11	Not Sampled on Current Sample Schedule				
MW - 19	08/18/11	Not Sampled on Current Sample Schedule				

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 19	11/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 19	02/29/12	Not Sampled on Current Sample Schedule				
MW - 19	05/02/12	Not Sampled on Current Sample Schedule				
MW - 19	08/10/12	Not Sampled on Current Sample Schedule				
MW - 19	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 19	02/22/13	Not Sampled on Current Sample Schedule				
MW - 19	05/16/13	Not Sampled on Current Sample Schedule				
MW - 19	08/21/13	Not Sampled on Current Sample Schedule				
MW - 19	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 19	02/19/14	Not Sampled on Current Sample Schedule				
MW - 19	05/20/14	Not Sampled on Current Sample Schedule				
MW - 19	08/19/14	Not Sampled on Current Sample Schedule				
MW - 19	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 20	08/20/99	0.0020	<0.001	<0.001	<0.001	<0.001
MW - 20	12/08/99	0.0050	<0.001	0.002	0.001	<0.001
MW - 20	03/24/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 20	06/14/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 20	09/22/00	0.0020	<0.001	0.001	<0.001	<0.001
MW - 20	12/28/00	0.0050	<0.001	<0.001	<0.001	<0.001
MW - 20	03/14/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 20	06/06/01	<0.001	<0.001	<0.001	<0.001	
MW - 20	09/27/01	0.0040	<0.001	0.003	<0.001	<0.001
MW - 20	11/17/01	0.0070	<0.001	0.003	0.001	<0.001
MW - 20	03/26/02	0.0030	<0.001	0.002	<0.001	<0.001
MW - 20	06/26/02	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 20	09/25/02	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 20	12/10/02	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 20	03/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 20	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 20	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 20	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 20	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 20	12/09/04	<0.001	<0.001	<0.001	<0.001	
MW - 20	09/14/05	Plugged and Abandoned				
MW - 21	08/20/99	0.7010	<0.01	<0.01	<0.001	<0.001
MW - 21	12/08/99	0.0520	<0.001	<0.001	<0.001	<0.001
MW - 21	03/24/00	0.0020	<0.001	<0.001	<0.001	<0.001
MW - 21	06/14/00	0.0020	<0.001	<0.001	<0.001	<0.001

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b					
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE	
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62		
MW - 21	09/22/00	0.0020	<0.001	0.001	<0.001	<0.001	
MW - 21	12/28/00	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 21	03/14/01	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 21	06/06/01	<0.005	<0.005	<0.005	<0.005		
MW - 21	09/27/01	0.0030	<0.001	0.003	<0.001	<0.001	
MW - 21	11/17/01	0.0140	<0.001	0.006	0.002	<0.001	
MW - 21	03/26/02	0.0040	<0.001	0.003	<0.001	<0.001	
MW - 21	06/26/02	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 21	09/25/02	0.0010	<0.001	0.002	<0.001	<0.001	
MW - 21	12/10/02	0.0010	<0.001	<0.001	<0.001	<0.001	
MW - 21	03/11/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 21	06/10/03	<0.001	<0.001	0.001	<0.001	<0.001	
MW - 21	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 21	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001	
MW - 21	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001	
MW - 21	12/09/04	<0.001	<0.001	<0.001	<0.001		
MW - 21	03/17/05	Not Sampled on Current Sample Schedule					
MW - 21	06/15/05	Not Sampled on Current Sample Schedule					
MW - 21	09/14/05	Not Sampled on Current Sample Schedule					
MW - 21	12/13/05	<0.005	<0.005	<0.005	<0.005		
MW - 21	03/15/06	Not Sampled on Current Sample Schedule					
MW - 21	06/14/06	Not Sampled on Current Sample Schedule					
MW - 21	09/13/06	Not Sampled on Current Sample Schedule					
MW - 21	01/03/07	<0.001	<0.001	<0.001	<0.001		
MW - 21	03/01/07	Not Sampled on Current Sample Schedule					
MW - 21	05/24/07	Not Sampled on Current Sample Schedule					
MW - 21	08/23/07	Not Sampled on Current Sample Schedule					
MW - 21	11/08/07	<0.001	<0.001	<0.001	<0.001		
MW - 21	03/04/08	Not Sampled on Current Sample Schedule					
MW - 21	06/11/08	Not Sampled on Current Sample Schedule					
MW - 21	09/10/08	Not Sampled on Current Sample Schedule					
MW - 21	12/11/08	<0.001	<0.001	<0.001	<0.001		
MW - 21	02/26/09	Not Sampled on Current Sample Schedule					
MW - 21	05/21/09	Not Sampled on Current Sample Schedule					
MW - 21	08/18/09	Not Sampled on Current Sample Schedule					
MW - 21	12/09/09	<0.001	<0.001	<0.001	<0.001		
MW - 21	02/22/10	Not Sampled on Current Sample Schedule					
MW - 21	06/03/10	Not Sampled on Current Sample Schedule					
MW - 21	08/26/10	Not Sampled on Current Sample Schedule					
MW - 21	12/01/10	<0.001	<0.001	<0.001	<0.001		

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 21	03/09/11	Not Sampled on Current Sample Schedule				
MW - 21	05/26/11	Not Sampled on Current Sample Schedule				
MW - 21	08/18/11	Not Sampled on Current Sample Schedule				
MW - 21	11/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 21	02/29/12	Not Sampled on Current Sample Schedule				
MW - 21	05/02/12	Not Sampled on Current Sample Schedule				
MW - 21	08/10/12	Not Sampled on Current Sample Schedule				
MW - 21	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 21	02/22/13	Not Sampled on Current Sample Schedule				
MW - 21	05/16/13	Not Sampled on Current Sample Schedule				
MW - 21	08/21/13	Not Sampled on Current Sample Schedule				
MW - 21	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 21	02/19/14	Not Sampled on Current Sample Schedule				
MW - 21	05/20/14	Not Sampled on Current Sample Schedule				
MW - 21	08/19/14	Not Sampled on Current Sample Schedule				
MW - 21	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 22	08/19/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 22	12/08/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 22	03/24/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 22	06/14/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 22	09/22/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 22	12/08/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 22	03/14/01	0.0080	<0.001	0.004	<0.001	<0.001
MW - 22	06/06/01	0.0060	<0.001	<0.001	<0.001	
MW - 22	09/27/01	0.0060	<0.001	0.003	<0.001	<0.001
MW - 22	11/17/01	0.0070	<0.001	0.004	0.001	<0.001
MW - 22	03/26/02	0.0020	<0.001	<0.001	<0.001	<0.001
MW - 22	06/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 22	09/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 22	12/09/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 22	03/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 22	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 22	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 22	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 22	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 22	12/09/04	<0.001	<0.001	<0.001	<0.001	
MW - 22	09/14/05	Plugged and Abandoned				
MW - 23	08/19/99	<0.001	<0.001	<0.001	<0.001	<0.001

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 23	12/08/99	0.0020	<0.001	<0.001	<0.001	<0.001
MW - 23	03/24/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	06/14/00	0.0070	<0.001	<0.001	<0.001	<0.001
MW - 23	09/22/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	12/28/00	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 23	03/14/01	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 23	06/06/01	0.0057	<0.001	<0.001	<0.001	
MW - 23	09/28/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	11/17/01	0.0040	<0.001	0.002	<0.001	<0.001
MW - 23	03/26/02	0.0030	<0.001	<0.001	<0.001	<0.001
MW - 23	06/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	09/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	12/09/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	03/11/03	0.0160	<0.001	<0.001	<0.001	<0.001
MW - 23	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	09/03/03	0.0050	<0.001	<0.001	<0.001	<0.001
MW - 23	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 23	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 23	05/19/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 23	08/26/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 23	12/09/04	<0.001	<0.001	<0.001	<0.001	
MW - 23	03/17/05	<0.001	<0.001	<0.001	<0.001	
MW - 23	06/15/05	<0.001	<0.001	<0.001	<0.001	
MW - 23	09/14/05	<0.001	<0.001	<0.001	<0.001	
MW - 23	12/14/05	<0.005	<0.005	<0.005	<0.005	
MW - 23	03/15/06	<0.001	<0.001	<0.001	<0.001	
MW - 23	06/14/06	<0.001	<0.001	<0.001	<0.001	
MW - 23	09/13/06	<0.001	<0.001	<0.001	<0.001	
MW - 23	12/05/06	<0.001	<0.001	<0.001	<0.001	
MW - 23	03/01/07	<0.001	<0.001	<0.001	<0.001	
MW - 23	05/24/07	<0.001	<0.001	<0.001	<0.001	
MW - 23	08/23/07	<0.001	<0.001	<0.001	<0.001	
MW - 23	11/08/07	<0.001	<0.001	<0.001	<0.001	
MW - 23	03/04/08	<0.001	<0.001	<0.001	<0.001	
MW - 23	06/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 23	09/10/08	0.0017	<0.001	<0.001	<0.001	
MW - 23	12/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 23	02/26/09	<0.001	<0.001	<0.001	<0.001	
MW - 23	05/21/09	<0.001	<0.001	<0.001	<0.001	
MW - 23	08/18/09	<0.001	<0.001	<0.001	<0.001	

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 23	12/09/09	<0.001	<0.001	<0.001	<0.001	
MW - 23	02/22/10	<0.001	<0.001	<0.001	<0.001	
MW - 23	06/03/10	<0.001	<0.001	<0.001	<0.001	
MW - 23	08/26/10	<0.001	<0.001	<0.001	<0.001	
MW - 23	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 23	03/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 23	05/26/11	<0.001	<0.001	<0.001	<0.001	
MW - 23	08/18/11	<0.001	<0.001	<0.001	<0.001	
MW - 23	11/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 23	02/29/12	<0.001	<0.001	<0.001	<0.001	
MW - 23	05/02/12	<0.001	<0.001	<0.001	<0.001	
MW - 23	08/10/12	<0.001	<0.001	<0.001	<0.003	
MW - 23	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 23	02/22/13	Not Sampled on Current Sample Schedule				
MW - 23	05/16/13	Not Sampled on Current Sample Schedule				
MW - 23	08/21/13	Not Sampled on Current Sample Schedule				
MW - 23	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 23	02/19/14	Not Sampled on Current Sample Schedule				
MW - 23	05/20/14	Not Sampled on Current Sample Schedule				
MW - 23	08/19/14	Not Sampled on Current Sample Schedule				
MW - 23	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 24	08/19/99	2.2900	<0.001	0.023	0.01	<0.001
MW - 24	12/08/99	0.8390	0.007	0.002	0.006	0.002
MW - 24	03/24/00	0.7620	<0.010	<0.010	<0.010	<0.010
MW - 24	06/14/00	0.8870	0.013	0.004	0.004	0.002
MW - 24	09/22/00	0.6630	0.012	0.004	0.003	0.002
MW - 24	12/28/00	1.3800	<0.010	<0.010	<0.010	<0.010
MW - 24	03/14/01	1.8100	0.045	0.019	<0.010	0.012
MW - 24	06/06/01	0.9090	<0.001	<0.001	<0.001	
MW - 24	09/28/01	1.4700	0.024	0.015	0.008	0.005
MW - 24	11/17/01	0.9860	0.004	0.011	0.004	0.001
MW - 24	03/26/02	0.8390	0.002	0.005	0.002	<0.001
MW - 24	06/26/02	0.8700	0.003	0.008	0.002	<0.001
MW - 24	09/25/02	1.0800	0.017	0.014	0.009	0.003
MW - 24	12/10/02	1.3900	0.021	0.012	0.007	0.002
MW - 24	03/11/03	0.4930	0.046	0.015	0.018	0.008
MW - 24	06/10/03	0.5740	0.002	0.002	0.002	<0.001
MW - 24	09/03/03	0.3480	0.004	0.004	0.003	0.001
MW - 24	12/08/03	0.7410	0.006	0.011	0.005	0.001

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 24	03/01/04	0.4630	0.017	0.019	0.009	0.002
MW - 24	05/19/04	0.3570	0.00259	0.00216	<0.002	<0.001
MW - 24	08/26/04	0.3890	<0.001	<0.001	<0.002	<0.001
MW - 24	12/09/04	0.0054	0.0016	0.0011	<0.001	
MW - 24	03/17/05	0.0178	0.0031	0.0023	0.002	
MW - 24	06/15/05	0.2730	0.0101	0.0182	<0.01	
MW - 24	09/15/05	0.3540	<0.001	0.0152	0.0018	
MW - 24	12/13/05	0.4460	<0.005	0.0149	<0.005	
MW - 24	03/15/06	0.3030	0.0116	0.0176	<0.01	
MW - 24	06/14/06	0.3390	0.0215	0.0261	0.022	
MW - 24	09/13/06	0.2070	0.0192	0.0209	0.0175	
MW - 24	12/06/06	0.1050	<0.001	0.0023	<0.001	
MW - 24	03/01/07	0.0656	<0.01	<0.01	<0.01	
MW - 24	05/24/07	0.0449	<0.001	0.0029	<0.001	
MW - 24	08/23/07	<0.01	<0.01	<0.01	<0.01	
MW - 24	11/08/07	0.0216	0.0278	0.0187	0.0238	
MW - 24	03/04/08	0.0022	0.005	0.005	0.0067	
MW - 24	06/11/08	0.0139	0.0225	0.0176	0.0202	
MW - 24	09/10/08	0.0023	0.0048	0.0053	0.0071	
MW - 24	12/11/08	0.0037	0.0072	0.0064	0.008	
MW - 24	02/26/09	0.0178	0.0282	0.0262	0.0448	
MW - 24	05/21/09	0.0058	0.0076	0.0073	0.0137	
MW - 24	08/18/09	0.0027	0.0041	0.0047	0.0081	
MW - 24	12/09/09	<0.001	<0.001	<0.001	<0.001	
MW - 24	02/22/10	0.0031	0.0051	0.0054	0.009	
MW - 24	06/03/10	0.0034	0.0033	0.0057	0.0047	
MW - 24	08/26/10	<0.001	<0.001	<0.001	<0.0010	
MW - 24	12/01/10	<0.001	<0.001	<0.001	<0.0010	
MW - 24	03/09/11	<0.001	<0.001	<0.001	<0.0010	
MW - 24	05/26/11	<0.001	<0.001	<0.001	<0.001	
MW - 24	08/18/11	<0.001	<0.001	<0.001	<0.001	
MW - 24	11/15/11	<0.001	0.0018	0.0024	0.0033	
MW - 24	02/29/12	<0.001	<0.001	<0.001	<0.001	
MW - 24	05/02/12	0.0046	0.0059	0.0076	0.0168	
MW - 24	08/10/12	<0.001	<0.001	0.0061	0.0142	
MW - 24	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 24	02/22/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 24	05/15/13	0.00220	0.00460	0.00870	0.0157	
MW - 24	08/21/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 24	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION		SAMPLE DATE		SW 846-8260b			
				BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62		
MW - 24	02/20/14	<0.00100	<0.00100	<0.00100	<0.00300		
MW - 24	05/20/14	<0.00100	<0.00100	<0.00100	<0.00300		
MW - 24	08/28/14	<0.00100	0.00120	0.00240	0.00410		
MW - 24	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100		
MW - 25	08/19/99	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 25	12/08/99	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 25	03/24/00	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 25	06/14/00	0.0020	<0.001	<0.001	<0.001	<0.001	
MW - 25	09/22/00	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 25	12/28/00	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 25	03/14/01	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 25	06/06/01	0.0070	<0.001	<0.001	<0.001		
MW - 25	09/28/01	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 25	11/17/01	0.0060	<0.001	0.003	<0.001	<0.001	
MW - 25	03/26/02	0.0050	<0.001	<0.001	<0.001	<0.001	
MW - 25	06/26/02	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 25	09/25/02	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 25	12/09/02	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 25	03/11/03	0.0020	<0.001	<0.001	<0.001	<0.001	
MW - 25	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001	
MW - 25	09/03/03	0.0030	<0.001	<0.001	<0.001	<0.001	
MW - 25	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001	
MW - 25	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001	
MW - 25	12/09/04	<0.001	<0.001	<0.001	<0.001		
MW - 25	03/17/05	Not Sampled on Current Sample Schedule					
MW - 25	06/15/05	Not Sampled on Current Sample Schedule					
MW - 25	09/15/05	Not Sampled on Current Sample Schedule					
MW - 25	12/13/05	<0.005	<0.005	<0.005	<0.005		
MW - 25	03/15/06	Not Sampled on Current Sample Schedule					
MW - 25	06/14/06	Not Sampled on Current Sample Schedule					
MW - 25	09/13/06	Not Sampled on Current Sample Schedule					
MW - 25	12/06/06	<0.001	0.0016	<0.001	0.0017		
MW - 25	03/01/07	Not Sampled on Current Sample Schedule					
MW - 25	05/24/07	Not Sampled on Current Sample Schedule					
MW - 25	08/23/07	Not Sampled on Current Sample Schedule					
MW - 25	11/08/07	<0.001	<0.001	<0.001	<0.001		
MW - 25	03/04/08	Not Sampled on Current Sample Schedule					
MW - 25	06/11/08	Not Sampled on Current Sample Schedule					
MW - 25	09/10/08	Not Sampled on Current Sample Schedule					

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 25	12/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 25	02/26/09	Not Sampled on Current Sample Schedule				
MW - 25	05/21/09	Not Sampled on Current Sample Schedule				
MW - 25	08/18/09	Not Sampled on Current Sample Schedule				
MW - 25	12/09/09	<0.001	<0.001	<0.001	<0.001	
MW - 25	02/22/10	Not Sampled on Current Sample Schedule				
MW - 25	06/03/10	Not Sampled on Current Sample Schedule				
MW - 25	08/26/10	Not Sampled on Current Sample Schedule				
MW - 25	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 25	03/09/11	Not Sampled on Current Sample Schedule				
MW - 25	05/26/11	Not Sampled on Current Sample Schedule				
MW - 25	08/18/11	Not Sampled on Current Sample Schedule				
MW - 25	11/22/11	<0.001	<0.001	<0.001	<0.001	
MW - 25	02/29/12	Not Sampled on Current Sample Schedule				
MW - 25	05/02/12	Not Sampled on Current Sample Schedule				
MW - 25	08/10/12	Not Sampled on Current Sample Schedule				
MW - 25	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 25	02/22/13	Not Sampled on Current Sample Schedule				
MW - 25	05/16/13	Not Sampled on Current Sample Schedule				
MW - 25	08/21/13	Not Sampled on Current Sample Schedule				
MW - 25	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 25	02/19/14	Not Sampled on Current Sample Schedule				
MW - 25	05/20/14	Not Sampled on Current Sample Schedule				
MW - 25	08/19/14	Not Sampled on Current Sample Schedule				
MW - 25	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 26	06/03/00	0.0200	0.003	0.002	0.002	0.001
MW - 26	09/22/00	0.0210	0.041	0.008	0.013	0.006
MW - 26	12/28/00	0.3860	0.13	0.04	0.025	0.014
MW - 26	03/14/01	0.7310	0.267	0.16	0.075	0.031
MW - 26	06/06/01	1.0100	0.263	0.179	0.204	
MW - 26	09/28/01	1.7000	0.469	0.441	0.201	0.084
MW - 26	11/17/01	1.6000	0.534	0.417	0.24	0.081
MW - 26	03/26/02	1.6900	0.547	0.361	0.213	0.086
MW - 26	06/26/02	0.7800	0.259	0.223	0.118	0.053
MW - 26	09/25/02	1.4200	0.551	0.384	0.196	0.074
MW - 26	12/10/02	1.3900	0.691	0.155	0.182	0.1
MW - 26	03/11/03	0.7530	0.104	0.146	0.071	0.034
MW - 26	06/10/03	0.8360	0.051	0.168	0.094	0.039
MW - 26	09/03/03	0.7760	0.048	0.229	0.111	0.045

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 26	12/08/03	1.1700	0.045	0.249	0.079	0.043
MW - 26	03/01/04	0.4980	0.034	0.116	0.058	0.022
MW - 26	05/19/04	0.6450	0.0332	0.121	0.058	0.0218
MW - 26	08/26/04	0.8890	0.0157	0.0971	0.058	0.00668
MW - 26	12/09/04	0.0619	0.0339	0.017	0.0239	
MW - 26	03/17/05	0.4150	0.0479	0.0642	0.0412	
MW - 26	06/15/05	0.8700	0.412	0.276	0.22	
MW - 26	09/14/05	1.0700	0.389	0.384	0.352	
MW - 26	12/13/05	0.7060	0.34	0.23	0.186	
MW - 26	03/15/06	0.7300	0.464	0.27	0.223	
MW - 26	06/14/06	0.0640	0.338	0.184	0.151	
MW - 26	09/14/06	0.0140	<0.01	<0.01	<0.01	
MW - 26	12/06/06	0.5120	0.259	0.114	0.135	
MW - 26	03/01/07	0.2700	0.143	0.0868	0.0667	
MW - 26	05/24/07	0.3900	0.0842	0.0925	0.044	
MW - 26	08/23/07	0.5410	0.0178	0.144	0.0645	
MW - 26	11/08/07	1.3600	0.226	0.301	0.166	
MW - 26	03/04/08	0.8050	0.259	0.225	0.123	
MW - 26	06/11/08	0.0161	0.0753	0.0496	0.0351	
MW - 26	09/10/08	0.7440	0.3	0.204	0.183	
MW - 26	12/11/08	0.7190	0.154	0.128	0.0803	
MW - 26	02/27/09	0.5030	0.231	0.148	0.178	
MW - 26	05/22/09	0.3680	0.0556	0.0579	0.0701	
MW - 26	08/18/09	0.4220	0.0928	0.0745	<0.0100	
MW - 26	12/10/09	0.3880	0.031	0.0408	0.0062	
MW - 26	02/22/10	0.3280	0.0917	0.0656	0.0603	
MW - 26	06/03/10	0.4020	0.0587	0.0504	0.0296	
MW - 26	08/26/10	0.1090	0.0315	<0.001	0.0195	
MW - 26	12/01/10	0.2660	0.0136	0.0241	0.0163	
MW - 26	03/09/11	0.2190	0.008	0.026	0.025	
MW - 26	05/26/11	0.4740	0.0306	0.112	0.01984	
MW - 26	08/19/11	0.5800	0.0201	0.100	0.0579	
MW - 26	11/15/11	0.6760	0.240	0.172	0.082	
MW - 26	02/29/12	0.5160	0.102	0.129	0.133	
MW - 26	05/02/12	0.3730	0.120	0.129	0.109	
MW - 26	08/10/12	0.8970	0.0224	0.194	0.07	
MW - 26	11/27/12	0.4360	0.1380	0.113	0.0599	
MW - 26	02/22/13	0.288	0.142	0.136	0.0708	
MW - 26	05/16/13	0.468	0.285	0.173	0.112	
MW - 26	08/21/13	0.396	0.08090	0.0885	0.0305	

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 26	11/11/13	0.234	0.0300	0.0808	0.0231	
MW - 26	02/20/14	0.360	0.0318	0.114	0.0395	
MW - 26	05/20/14	0.210	0.0147	0.0442	0.0199	
MW - 26	08/19/14	0.262	0.0499	0.0852	0.0392	
MW - 26	11/26/14	0.276	0.0153	0.0967	0.0339	
MW - 27	06/03/00	0.0010	0.001	<0.001	<0.001	<0.001
MW - 27	09/22/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 27	12/28/00	0.0030	0.004	0.002	<0.001	<0.001
MW - 27	03/14/01	<0.001	0.002	<0.001	<0.001	<0.001
MW - 27	06/06/01	0.0048	<0.001	<0.001	<0.001	
MW - 27	09/28/01	0.0010	0.002	0.001	<0.001	<0.001
MW - 27	11/17/01	0.0010	0.001	0.001	<0.001	<0.001
MW - 27	03/26/02	0.0040	0.003	0.002	0.001	<0.001
MW - 27	06/26/02	0.0010	<0.001	0.002	<0.001	<0.001
MW - 27	09/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 27	12/10/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 27	03/11/03	0.0080	<0.001	<0.001	<0.001	<0.001
MW - 27	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 27	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 27	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 27	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 27	12/09/04	<0.001	<0.001	<0.001	<0.001	
MW - 27	09/14/05	Plugged and Abandoned				
MW - 28	06/03/00	0.1930	0.004	0.005	0.004	0.001
MW - 28	09/22/00	1.5800	0.059	0.374	0.192	0.024
MW - 28	12/28/00	4.0800	0.073	0.469	0.15	0.038
MW - 28	03/14/01	2.7300	0.018	0.212	0.025	0.02
MW - 28	06/06/01	2.0600	0.064	0.121	0.182	
MW - 28	09/28/01	2.2500	0.027	0.094	0.037	0.019
MW - 28	11/17/01	1.4900	0.035	0.104	0.055	0.022
MW - 28	03/26/02	2.1300	0.073	0.226	0.118	0.043
MW - 28	06/26/02	2.2200	0.043	0.292	0.121	0.052
MW - 28	09/25/02	3.3100	0.06	0.506	0.257	0.088
MW - 28	12/10/02	2.1200	0.025	0.125	0.047	0.018
MW - 28	03/11/03	2.0000	0.012	0.487	0.226	0.076
MW - 28	06/10/03	1.7100	0.001	0.417	0.245	0.066
MW - 28	09/03/03	1.8300	0.001	0.469	0.216	0.047
MW - 28	12/08/03	2.2800	0.001	0.535	0.264	0.029

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 28	03/01/04	1.4900	0.003	0.484	0.215	0.031
MW - 28	05/19/04	1.7500	0.00248	0.437	0.217	0.028
MW - 28	08/26/04	1.9500	<0.001	0.407	0.2	0.00344
MW - 28	12/09/04	3.4300	0.0381	1.79	1.49	
MW - 28	03/17/05	2.8500	<0.02	1.06	0.53	
MW - 28	06/15/05	3.7400	<0.05	1.29	0.465	
MW - 28	09/14/05	3.5900	<0.05	1.27	0.554	
MW - 28	12/13/05	3.1100	<0.05	0.868	0.367	
MW - 28	03/15/06	2.3100	<0.2	0.572	<0.2	
MW - 28	06/14/06	3.0900	<0.1	0.589	0.16	
MW - 28	09/14/06	1.8200	<0.05	0.165	<0.05	
MW - 28	12/06/06	1.9400	<0.01	0.446	0.157	
MW - 28	03/02/07	0.0408	<0.001	0.0096	0.0025	
MW - 28	05/24/07	2.1000	<0.005	0.443	0.0951	
MW - 28	08/23/07	1.8600	<0.05	0.496	0.152	
MW - 28	11/08/07	2.7100	<0.05	0.583	0.114	
MW - 28	03/04/08	1.2400	<0.010	0.206	0.0283	
MW - 28	06/11/08	1.2600	<0.01	0.185	0.0192	
MW - 28	09/10/08	1.3200	<0.01	0.193	0.0346	
MW - 28	12/11/08	1.2900	<0.010	0.183	<0.010	
MW - 28	02/27/09	Well Not Sampled				
MW - 28	05/22/09	1.2500	<0.001	0.158	<0.001	
MW - 28	08/18/09	0.9530	<0.0200	0.12	<0.0200	
MW - 28	12/10/09	0.8950	<0.010	0.0639	<0.010	
MW - 28	02/22/10	0.7790	0.0383	0.8	0.112	
MW - 28	06/03/10	0.4420	<0.001	0.0241	<0.001	
MW - 28	08/26/10	0.9720	<0.010	0.0246	0.0108	
MW - 28	12/01/10	1.0100	<0.010	0.112	<0.010	
MW - 28	03/09/11	1.1800	<0.001	0.272	<0.010	
MW - 28	05/26/11	1.4100	<0.0100	0.31	<0.010	
MW - 28	08/19/11	1.4300	<0.0100	0.363	<0.010	
MW - 28	11/15/11	0.8860	<0.0100	0.116	<0.010	
MW - 28	02/29/12	0.4970	<0.010	0.112	<0.010	
MW - 28	05/02/12	0.6020	<0.010	0.133	<0.010	
MW - 28	08/10/12	0.0902	<0.001	0.104	<0.003	
MW - 28	11/27/12	1.0000	<0.002	0.266	0.0245	
MW - 28	02/23/13	0.450	<0.0200	0.122	<0.0200	
MW - 28	05/16/13	0.241	<0.00100	0.0703	0.00730	
MW - 28	08/21/13	0.224	<0.00100	0.0451	0.00230	
MW - 28	11/11/13	0.0962	<0.00100	0.0186	<0.00300	

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION		SAMPLE DATE		SW 846-8260b		
				BENZENE	TOLUENE	ETHYL-BENZENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 28	02/20/14	0.114	<0.00100	0.0267	<0.00300	
MW - 28	05/20/14	0.109	<0.00100	0.0264	<0.00300	
MW - 28	08/19/14	0.243	<0.00100	0.0772	0.00720	
MW - 28	11/26/14	0.126	<0.00100	0.0217	0.0114	
MW - 29	03/26/02	2.340	0.002	0.102	0.016	0.001
MW - 29	06/26/02	1.660	0.001	0.109	0.026	<0.001
MW - 29	09/25/02	4.330	0.001	0.087	0.019	<0.001
MW - 29	12/10/02	5.660	0.003	0.014	0.005	<0.001
MW - 29	03/11/03	3.330	<0.001	0.074	0.016	<0.001
MW - 29	06/10/03	3.000	<0.001	0.031	0.007	<0.001
MW - 29	09/03/03	2.880	<0.001	0.039	0.005	<0.001
MW - 29	12/08/03	3.550	<0.001	0.035	0.002	<0.001
MW - 29	03/01/04	2.800	<0.001	0.038	0.003	<0.001
MW - 29	05/19/04	2.550	<0.001	0.0327	0.00215	<0.001
MW - 29	08/26/04	2.360	<0.001	0.0183	<0.002	<0.001
MW - 29	12/09/04	1.470	<0.001	0.0103	<0.001	
MW - 29	03/17/05	1.520	<0.010	<0.010	<0.010	
MW - 29	06/15/05	1.140	<0.020	<0.020	<0.020	
MW - 29	09/14/05	1.680	<0.050	<0.050	<0.050	
MW - 29	12/13/05	1.520	<0.020	<0.020	<0.020	
MW - 29	03/15/06	1.580	<0.050	<0.050	<0.050	
MW - 29	06/14/06	1.690	<0.020	<0.020	<0.020	
MW - 29	09/14/06	1.670	<0.020	<0.020	<0.020	
MW - 29	12/06/06	1.300	<0.01	0.0161	<0.010	
MW - 29	03/02/07	1.220	<0.020	0.044	<0.020	
MW - 29	05/24/07	1.490	<0.01	0.103	<0.010	
MW - 29	08/23/07	1.140	<0.020	0.155	0.0301	
MW - 29	11/08/07	1.240	<0.020	0.24	0.0541	
MW - 29	03/04/08	1.320	<0.010	0.447	0.0785	
MW - 29	06/11/08	1.240	<0.010	0.464	0.0729	
MW - 29	09/10/08	1.300	<0.010	0.452	0.0575	
MW - 29	12/11/08	1.170	0.0106	0.434	0.0584	
MW - 29	02/27/09	Well Not Sampled				
MW - 29	05/22/09	1.160	<0.001	0.313	0.132	
MW - 29	08/18/09	1.180	<0.010	0.316	0.0768	
MW - 29	12/10/09	1.000	<0.010	0.236	<0.010	
MW - 29	02/22/10	0.854	<0.010	0.152	<0.010	
MW - 29	06/03/10	0.812	<0.010	0.134	<0.010	
MW - 29	08/26/10	0.743	<0.010	0.102	<0.010	

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION		SAMPLE DATE	SW 846-8260b			
			BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 29	12/01/10	0.556	<0.010	0.112	<0.010	
MW - 29	03/09/11	0.790	<0.010	0.14	<0.010	
MW - 29	05/26/11	0.791	<0.010	0.0968	<0.010	
MW - 29	08/19/11	0.767	<0.010	0.0578	<0.010	
MW - 29	11/15/11	0.833	<0.010	0.0435	<0.010	
MW - 29	02/29/12	0.509	<0.010	<0.010	<0.010	
MW - 29	05/02/12	1.020	<0.010	<0.010	<0.010	
MW - 29	08/10/12	0.0359	<0.02	<0.02	<0.06	
MW - 29	11/27/12	0.5320	<0.005	<0.005	<0.005	
MW - 29	02/23/13	0.486	<0.0100	<0.0100	<0.0100	
MW - 29	05/16/13	0.524	<0.00500	0.0182	0.00640	
MW - 29	08/21/13	0.351	<0.0500	<0.0500	<0.0500	
MW - 29	11/11/13	0.321	<0.00100	0.00720	<0.00300	
MW - 29	02/20/14	0.356	<0.0500	<0.0500	<0.150	
MW - 29	05/20/14	0.395	<0.00100	0.00240	<0.00300	
MW - 29	08/19/14	0.272	<0.00100	0.00260	0.00210	
MW - 29	11/26/14	0.534	<0.0500	<0.0500	<0.0500	
MW - 30	03/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 30	06/26/02	0.0020	0.003	0.002	0.002	<0.001
MW - 30	09/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 30	12/10/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 30	03/11/03	0.0020	<0.001	<0.001	<0.001	<0.001
MW - 30	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 30	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 30	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 30	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 30	12/09/04	<0.001	<0.001	<0.001	<0.001	
MW - 30	03/17/05	Not Sampled on Current Sample Schedule				
MW - 30	06/15/05	Not Sampled on Current Sample Schedule				
MW - 30	09/14/05	Not Sampled on Current Sample Schedule				
MW - 30	12/13/05	<0.005	<0.005	<0.005	<0.005	
MW - 30	03/15/06	Not Sampled on Current Sample Schedule				
MW - 30	06/14/06	Not Sampled on Current Sample Schedule				
MW - 30	09/14/06	Not Sampled on Current Sample Schedule				
MW - 30	12/06/06	<0.001	<0.001	<0.001	<0.001	
MW - 30	03/02/07	Not Sampled on Current Sample Schedule				
MW - 30	05/24/07	Not Sampled on Current Sample Schedule				
MW - 30	08/23/07	Not Sampled on Current Sample Schedule				
MW - 30	11/08/07	<0.001	<0.001	<0.001	<0.001	

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 30	03/04/08	Not Sampled on Current Sample Schedule				
MW - 30	06/11/08	Not Sampled on Current Sample Schedule				
MW - 30	09/10/08	Not Sampled on Current Sample Schedule				
MW - 30	12/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 30	02/26/09	Not Sampled on Current Sample Schedule				
MW - 30	05/22/09	Not Sampled on Current Sample Schedule				
MW - 30	08/18/09	Not Sampled on Current Sample Schedule				
MW - 30	12/09/09	<0.001	<0.001	<0.001	<0.001	
MW - 30	02/22/10	Not Sampled on Current Sample Schedule				
MW - 30	06/03/10	Not Sampled on Current Sample Schedule				
MW - 30	08/26/10	Not Sampled on Current Sample Schedule				
MW - 30	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 30	03/09/11	Not Sampled on Current Sample Schedule				
MW - 30	05/26/11	Not Sampled on Current Sample Schedule				
MW - 30	08/19/11	Not Sampled on Current Sample Schedule				
MW - 30	11/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 30	02/29/12	Not Sampled on Current Sample Schedule				
MW - 30	05/02/12	Not Sampled on Current Sample Schedule				
MW - 30	08/10/12	Not Sampled on Current Sample Schedule				
MW - 30	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 30	02/23/13	Not Sampled on Current Sample Schedule				
MW - 30	05/16/13	Not Sampled on Current Sample Schedule				
MW - 30	08/21/13	Not Sampled on Current Sample Schedule				
MW - 30	11/11/13	<0.00500	<0.00500	<0.00500	<0.0150	
MW - 30	02/19/14	Not Sampled on Current Sample Schedule				
MW - 30	05/20/14	Not Sampled on Current Sample Schedule				
MW - 30	08/19/14	Not Sampled on Current Sample Schedule				
MW - 30	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 31	03/26/02	0.0020	0.001	<0.001	<0.001	<0.001
MW - 31	06/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 31	09/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 31	12/10/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 31	03/11/03	0.0040	<0.001	0.001	<0.001	<0.001
MW - 31	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 31	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 31	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 31	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 31	12/09/04	<0.001	<0.001	<0.001	<0.001	
MW - 31	03/17/05	Not Sampled on Current Sample Schedule				

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 31	06/15/05	Not Sampled on Current Sample Schedule				
MW - 31	09/14/05	Not Sampled on Current Sample Schedule				
MW - 31	12/13/05	<0.005	<0.005	<0.005	<0.005	
MW - 31	03/15/06	Not Sampled on Current Sample Schedule				
MW - 31	06/14/06	Not Sampled on Current Sample Schedule				
MW - 31	09/14/06	Not Sampled on Current Sample Schedule				
MW - 31	12/06/06	<0.001	<0.001	<0.001	<0.001	
MW - 31	03/02/07	Not Sampled on Current Sample Schedule				
MW - 31	05/24/07	Not Sampled on Current Sample Schedule				
MW - 31	08/23/07	Not Sampled on Current Sample Schedule				
MW - 31	11/08/07	<0.001	<0.001	<0.001	<0.001	
MW - 31	03/04/08	Not Sampled on Current Sample Schedule				
MW - 31	06/11/08	Not Sampled on Current Sample Schedule				
MW - 31	09/10/08	Not Sampled on Current Sample Schedule				
MW - 31	12/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 31	02/26/09	Not Sampled on Current Sample Schedule				
MW - 31	05/22/09	Not Sampled on Current Sample Schedule				
MW - 31	08/18/09	Not Sampled on Current Sample Schedule				
MW - 31	12/09/09	<0.001	<0.001	<0.001	<0.001	
MW - 31	02/22/10	Not Sampled on Current Sample Schedule				
MW - 31	06/03/10	Not Sampled on Current Sample Schedule				
MW - 31	08/26/10	Not Sampled on Current Sample Schedule				
MW - 31	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 31	03/09/11	Not Sampled on Current Sample Schedule				
MW - 31	05/26/11	Not Sampled on Current Sample Schedule				
MW - 31	08/19/11	Not Sampled on Current Sample Schedule				
MW - 31	11/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 31	02/29/12	Not Sampled on Current Sample Schedule				
MW - 31	05/02/12	Not Sampled on Current Sample Schedule				
MW - 31	08/10/12	Not Sampled on Current Sample Schedule				
MW - 31	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 31	02/23/13	Not Sampled on Current Sample Schedule				
MW - 31	05/16/13	Not Sampled on Current Sample Schedule				
MW - 31	08/21/13	Not Sampled on Current Sample Schedule				
MW - 31	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 31	02/19/14	Not Sampled on Current Sample Schedule				
MW - 31	05/20/14	Not Sampled on Current Sample Schedule				
MW - 31	08/19/14	Not Sampled on Current Sample Schedule				
MW - 31	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 32	11/10/04	2.330	<0.050	<0.050	<0.050	
MW - 32	03/17/05	5.990	0.43	0.781	0.476	
MW - 32	06/15/05	6.230	0.112	0.637	0.196	
MW - 32	09/14/05	7.020	0.26	1.17	0.397	
MW - 32	12/13/05	6.030	0.392	0.955	0.29	
MW - 32	03/15/06	5.140	<0.200	0.586	<0.200	
MW - 32	06/14/06	4.560	0.2	0.225	<0.200	
MW - 32	09/14/06	3.050	0.0592	0.0778	<0.05	
MW - 32	12/06/06	3.140	0.0409	0.0521	0.0428	
MW - 32	03/02/07	0.028	0.0014	0.0018	0.0012	
MW - 32	05/24/07	4.090	0.0912	0.127	0.0749	
MW - 32	08/23/07	3.560	<0.100	<0.100	<0.100	
MW - 32	11/08/07	1.170	<0.020	<0.020	<0.020	
MW - 32	03/04/08	3.590	0.103	0.13	0.106	
MW - 32	06/11/08	2.750	0.204	0.21	0.167	
MW - 32	09/10/08	2.820	0.0618	0.154	0.114	
MW - 32	12/11/08	2.290	<0.020	0.0907	0.0534	
MW - 32	02/26/09	Well Not Sampled				
MW - 32	05/22/09	2.430	0.115	0.166	0.257	
MW - 32	08/18/09	1.850	<0.010	0.0577	<0.010	
MW - 32	12/10/09	1.660	0.0126	0.0478	<0.010	
MW - 32	02/22/10	1.580	<0.010	0.0562	0.681	
MW - 32	06/03/10	1.170	0.025	0.0322	0.0391	
MW - 32	08/26/10	0.960	<0.0100	<0.0100	<0.0100	
MW - 32	12/01/10	1.120	<0.0100	0.0431	<0.0100	
MW - 32	03/09/11	1.650	<0.0100	0.136	<0.0100	
MW - 32	05/26/11	1.670	<0.0100	0.0888	<0.0100	
MW - 32	08/19/11	1.710	<0.0100	0.0657	<0.0100	
MW - 32	11/15/11	1.840	0.0424	0.0816	0.0368	
MW - 32	02/29/12	0.998	<0.010	<0.010	<0.010	
MW - 32	05/02/12	1.150	0.0686	0.114	0.159	
MW - 32	08/10/12	1.780	<0.02	<0.02	<0.06	
MW - 32	11/27/12	0.960	0.0281	0.0557	0.0334	
MW - 32	02/23/13	0.954	<0.0200	<0.0200	<0.0200	
MW - 32	05/16/13	0.954	0.0398	0.0945	0.0627	
MW - 32	08/21/13	0.998	<0.0100	0.0259	<0.0100	
MW - 32	11/11/13	1.01	<0.0500	0.0837	<0.150	
MW - 32	02/20/14	0.849	<0.0500	<0.0500	<0.150	
MW - 32	05/20/14	0.857	<0.0500	0.0535	<0.150	
MW - 32	08/19/14	1.01	<0.0500	0.0761	<0.0500	

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 32	11/26/14	0.914	<0.0500	<0.0500	<0.0500	
MW - 33	11/10/04	<0.005	<0.005	<0.005	<0.005	
MW - 33	03/17/05	<0.001	<0.001	<0.001	<0.001	
MW - 33	06/15/05	<0.001	<0.001	<0.001	<0.001	
MW - 33	09/14/05	<0.005	<0.005	<0.005	<0.005	
MW - 33	12/14/05	<0.005	<0.005	<0.005	<0.005	
MW - 33	03/15/06	<0.001	<0.001	<0.001	<0.001	
MW - 33	06/14/06	<0.001	<0.001	<0.001	<0.001	
MW - 33	09/13/06	<0.001	<0.001	<0.001	<0.001	
MW - 33	12/05/06	<0.001	<0.001	<0.001	<0.001	
MW - 33	03/01/07	<0.001	<0.001	<0.001	<0.001	
MW - 33	05/24/07	<0.001	<0.001	<0.001	<0.001	
MW - 33	08/23/07	<0.001	<0.001	<0.001	<0.001	
MW - 33	11/08/07	<0.001	<0.001	<0.001	<0.001	
MW - 33	03/04/08	<0.001	<0.001	<0.001	<0.001	
MW - 33	06/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 33	09/10/08	<0.001	<0.001	<0.001	<0.001	
MW - 33	12/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 33	02/26/09	<0.001	<0.001	<0.001	<0.001	
MW - 33	05/21/09	<0.001	<0.001	<0.001	<0.001	
MW - 33	08/18/09	<0.001	<0.001	<0.001	<0.001	
MW - 33	12/09/09	<0.001	<0.001	<0.001	<0.001	
MW - 33	02/22/10	<0.001	<0.001	<0.001	<0.001	
MW - 33	06/03/10	<0.001	<0.001	<0.001	<0.001	
MW - 33	08/26/10	<0.001	<0.001	<0.001	<0.001	
MW - 33	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 33	03/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 33	05/26/11	<0.001	<0.001	<0.001	<0.001	
MW - 33	08/18/11	<0.001	<0.001	<0.001	<0.001	
MW - 33	11/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 33	02/29/12	<0.001	<0.001	<0.001	<0.001	
MW - 33	05/02/12	<0.001	<0.001	<0.001	<0.001	
MW - 33	08/10/12	<0.001	<0.001	<0.001	<0.003	
MW - 33	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 33	02/23/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 33	05/16/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 33	08/21/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 33	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 33	02/19/14	<0.00100	<0.00100	<0.00100	<0.00300	

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION		SAMPLE DATE	SW 846-8260b			
			BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 33	05/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 33	08/19/14	<0.00100	<0.00100	<0.000100	<0.00100	
MW - 33	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 34	03/15/06	0.0847	<0.001	<0.001	<0.001	
MW - 34	06/14/06	0.4200	<0.001	<0.001	<0.001	
MW - 34	09/14/06	0.7330	<0.001	<0.001	<0.001	
MW - 34	12/06/06	0.3790	<0.005	<0.005	<0.005	
MW - 34	03/01/07	0.0444	<0.001	<0.001	<0.001	
MW - 34	05/24/07	0.7200	<0.005	<0.005	<0.005	
MW - 34	08/23/07	0.4410	<0.01	<0.01	<0.01	
MW - 34	11/08/07	1.0900	<0.01	<0.01	<0.01	
MW - 34	03/04/08	0.9540	<0.005	<0.005	<0.005	
MW - 34	06/11/08	0.6790	<0.005	<0.005	<0.005	
MW - 34	09/10/08	0.4360	<0.005	<0.005	<0.005	
MW - 34	12/11/08	0.2430	<0.005	<0.005	<0.005	
MW - 34	02/27/09	0.4200	<0.005	<0.005	<0.005	
MW - 34	05/22/09	0.0296	<0.005	<0.005	<0.005	
MW - 34	08/18/09	0.0156	<0.005	<0.005	<0.005	
MW - 34	12/10/09	<0.001	<0.001	<0.001	<0.001	
MW - 34	02/22/10	<0.001	<0.001	<0.001	<0.001	
MW - 34	06/03/10	<0.001	<0.001	<0.001	<0.001	
MW - 34	08/26/10	<0.001	<0.001	<0.001	<0.001	
MW - 34	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 34	03/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 34	05/26/11	<0.001	<0.001	<0.001	<0.001	
MW - 34	08/18/11	<0.001	<0.001	<0.001	<0.001	
MW - 34	11/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 34	02/29/12	<0.001	<0.001	<0.001	<0.001	
MW - 34	05/02/12	<0.001	<0.001	<0.001	<0.001	
MW - 34	08/10/12	<0.001	<0.001	<0.001	<0.003	
MW - 34	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 34	02/23/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 34	05/16/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 34	08/21/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 34	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 34	02/19/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 34	05/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 34	08/19/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 34	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 35	03/15/06	0.3940	0.0667	0.154	0.186	
MW - 35	06/14/06	0.3620	0.0137	0.0583	0.0709	
MW - 35	09/14/06	0.6850	<0.01	0.068	0.0626	
MW - 35	12/06/06	0.1680	0.0054	0.04	0.0421	
MW - 35	03/01/07	0.0738	0.001	0.006	0.006	
MW - 35	05/24/07	0.2460	<0.001	0.0105	0.0147	
MW - 35	08/23/07	0.0687	0.0025	0.0144	0.0187	
MW - 35	11/08/07	0.1090	0.0181	0.072	0.102	
MW - 35	03/04/08	0.1410	0.0219	0.112	0.118	
MW - 35	06/11/08	0.2850	0.0226	0.13	0.129	
MW - 35	09/10/08	0.0496	0.0057	0.0269	0.0418	
MW - 35	12/11/08	0.0931	0.0116	0.0504	0.0942	
MW - 35	02/27/09	0.0500	0.0126	0.0305	0.0711	
MW - 35	05/22/09	0.0560	0.0066	0.0208	0.0208	
MW - 35	08/18/09	0.0236	<0.001	<0.001	<0.001	
MW - 35	12/10/09	0.0098	<0.001	<0.001	0.002	
MW - 35	02/22/10	0.0104	<0.001	0.0044	0.0194	
MW - 35	06/03/10	0.0079	<0.001	<0.001	0.0067	
MW - 35	08/26/10	0.0011	<0.001	<0.001	0.0014	
MW - 35	12/01/10	0.0044	<0.001	<0.001	0.01	
MW - 35	03/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 35	05/26/11	<0.001	<0.001	<0.001	<0.001	
MW - 35	08/19/11	0.0041	<0.001	<0.001	0.0092	
MW - 35	11/15/11	0.1690	<0.001	0.062	0.0185	
MW - 35	02/29/12	0.1460	<0.001	0.0572	0.0459	
MW - 35	05/02/12	0.0183	<0.001	0.0134	<0.001	
MW - 35	08/10/12	0.0072	<0.001	<0.001	0.0135	
MW - 35	11/27/12	0.0079	<0.001	0.0045	0.0083	
MW - 35	02/23/13	0.00920	<0.001	0.00920	0.0282	
MW - 35	05/16/13	0.00870	<0.00100	0.00670	0.0259	
MW - 35	08/21/13	0.00350	<0.00100	0.00150	0.00510	
MW - 35	11/11/13	<0.00100	<0.00100	0.00230	<0.00300	
MW - 35	02/20/14	<0.00100	<0.00100	0.00780	<0.00300	
MW - 35	05/20/14	0.00120	<0.00100	0.00480	<0.00300	
MW - 35	08/19/14	0.00430	<0.00100	0.00250	0.00460	
MW - 35	11/26/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 36	09/28/06	0.5930	<0.05	<0.05	0.102	
MW - 36	12/06/06	1.1200	<0.01	<0.01	<0.01	

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 36	03/01/07	0.0074	<0.001	<0.001	<0.001	
MW - 36	05/24/07	2.2600	<0.02	<0.02	<0.02	
MW - 36	08/23/07	1.8500	<0.02	<0.02	<0.02	
MW - 36	11/08/07	3.8300	0.217	0.213	<0.1	
MW - 36	03/04/08	1.3000	<0.001	<0.001	<0.001	
MW - 36	06/11/08	0.9000	<0.010	<0.010	<0.010	
MW - 36	09/10/08	0.4140	<0.0050	<0.0050	<0.0050	
MW - 36	12/11/08	0.2280	<0.010	<0.010	<0.010	
MW - 36	02/27/09	0.2670	<0.010	<0.010	<0.010	
MW - 36	05/22/09	0.1060	<0.010	<0.010	<0.010	
MW - 36	08/18/09	0.0663	<0.010	<0.010	<0.010	
MW - 36	12/10/09	0.0305	<0.001	<0.001	<0.001	
MW - 36	02/22/10	0.0769	<0.001	<0.001	<0.001	
MW - 36	06/03/10	0.0545	<0.001	<0.001	<0.001	
MW - 36	08/26/10	0.0283	<0.001	<0.001	<0.001	
MW - 36	12/01/10	0.0064	<0.001	<0.001	<0.001	
MW - 36	03/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 36	05/26/11	<0.001	<0.001	<0.001	<0.001	
MW - 36	08/19/11	<0.001	<0.001	<0.001	<0.001	
MW - 36	11/15/11	0.0044	<0.001	<0.001	<0.001	
MW - 36	02/29/12	0.0077	<0.001	<0.001	<0.001	
MW - 36	05/02/12	0.0099	<0.001	<0.001	<0.001	
MW - 36	08/10/12	<0.001	<0.001	<0.001	<0.003	
MW - 36	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 36	02/23/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 36	05/16/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 36	08/21/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 36	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 36	02/19/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 36	05/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 36	08/19/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 36	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 37	09/28/06	<0.02	<0.02	<0.02	<0.02	
MW - 37	12/06/06	<0.001	<0.001	<0.001	0.001	
MW - 37	03/01/07	<0.001	<0.001	<0.001	<0.001	
MW - 37	05/24/07	<0.001	<0.001	<0.001	<0.001	
MW - 37	08/23/07	<0.001	<0.001	<0.001	<0.001	
MW - 37	11/08/07	<0.001	<0.001	<0.001	<0.001	
MW - 37	03/04/08	<0.001	<0.001	<0.001	<0.001	

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 37	06/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 37	09/10/08	<0.001	<0.001	<0.001	<0.001	
MW - 37	12/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 37	02/26/09	<0.001	<0.001	<0.001	<0.001	
MW - 37	05/21/09	<0.001	<0.001	<0.001	<0.001	
MW - 37	08/18/09	<0.001	<0.001	<0.001	<0.001	
MW - 37	12/09/09	<0.001	<0.001	<0.001	<0.001	
MW - 37	02/22/10	<0.001	<0.001	<0.001	<0.001	
MW - 37	06/03/10	<0.001	<0.001	<0.001	<0.001	
MW - 37	08/26/10	<0.001	<0.001	<0.001	<0.001	
MW - 37	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 37	03/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 37	05/26/11	<0.001	<0.001	<0.001	<0.001	
MW - 37	08/18/11	<0.001	<0.001	<0.001	<0.001	
MW - 37	11/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 37	02/29/12	<0.001	<0.001	<0.001	<0.001	
MW - 37	05/02/12	<0.001	<0.001	<0.001	<0.001	
MW - 37	08/10/12	<0.001	<0.001	<0.001	<0.003	
MW - 37	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 37	02/23/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 37	05/16/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 37	08/21/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 37	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 37	02/19/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 37	05/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 37	08/19/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 37	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 38	09/28/06	<0.001	<0.001	<0.001	<0.001	
MW - 38	12/06/06	<0.001	<0.001	<0.001	<0.001	
MW - 38	03/01/07	<0.001	<0.001	<0.001	<0.001	
MW - 38	05/24/07	<0.001	<0.001	<0.001	<0.001	
MW - 38	08/23/07	<0.001	<0.001	<0.001	<0.001	
MW - 38	11/08/07	<0.001	<0.001	<0.001	<0.001	
MW - 38	03/04/08	<0.001	<0.001	<0.001	<0.001	
MW - 38	06/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 38	09/10/08	<0.001	<0.001	<0.001	<0.001	
MW - 38	12/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 38	02/26/09	<0.001	<0.001	<0.001	<0.001	
MW - 38	05/21/09	<0.001	<0.001	<0.001	<0.001	

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION		SAMPLE DATE	SW 846-8260b			
			BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 38	08/18/09	<0.001	<0.001	<0.001	<0.001	
MW - 38	12/09/09	0.0070	<0.001	<0.001	<0.001	
MW - 38	02/22/10	<0.001	<0.001	<0.001	<0.001	
MW - 38	06/03/10	<0.001	<0.001	<0.001	<0.001	
MW - 38	08/26/10	<0.001	<0.001	<0.001	<0.001	
MW - 38	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 38	03/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 38	05/26/11	<0.001	<0.001	<0.001	<0.001	
MW - 38	08/18/11	<0.001	<0.001	<0.001	<0.001	
MW - 38	11/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 38	02/29/12	<0.001	<0.001	<0.001	<0.001	
MW - 38	05/02/12	<0.001	<0.001	<0.001	<0.001	
MW - 38	08/10/12	<0.001	<0.001	<0.001	<0.003	
MW - 38	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 38	02/23/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 38	05/16/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 38	08/21/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 38	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 38	02/19/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 38	05/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 38	08/19/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 38	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 39	12/03/07	<0.001	<0.001	<0.001	<0.001	
MW - 39	03/04/08	<0.001	<0.001	<0.001	<0.001	
MW - 39	06/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 39	09/10/08	<0.001	<0.001	<0.001	<0.001	
MW - 39	12/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 39	02/26/09	<0.001	<0.001	<0.001	<0.001	
MW - 39	05/21/09	<0.001	<0.001	<0.001	<0.001	
MW - 39	08/18/09	<0.001	<0.001	<0.001	<0.001	
MW - 39	12/09/09	<0.001	<0.001	<0.001	<0.001	
MW - 39	02/22/10	<0.001	<0.001	<0.001	<0.001	
MW - 39	06/03/10	<0.001	<0.001	<0.001	<0.001	
MW - 39	08/26/10	<0.001	<0.001	<0.001	<0.001	
MW - 39	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 39	03/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 39	05/26/11	<0.001	<0.001	<0.001	<0.001	
MW - 39	08/18/11	<0.001	<0.001	<0.001	<0.001	
MW - 39	11/15/11	<0.001	<0.001	<0.001	<0.001	

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION		SAMPLE DATE	SW 846-8260b			
			BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 39	02/29/12	<0.001	<0.001	<0.001	<0.001	
MW - 39	05/02/12	<0.001	<0.001	<0.001	<0.001	
MW - 39	08/10/12	<0.001	<0.001	<0.001	<0.003	
MW - 39	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 39	02/22/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 39	05/15/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 39	08/21/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 39	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 39	02/19/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 39	05/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 39	08/19/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 39	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 40	12/03/07	0.5570	<0.01	<0.01	<0.01	
MW - 40	12/20/07	0.4950	<0.005	<0.005	0.007	
MW - 40	03/04/08	0.7090	<0.005	<0.005	<0.005	
MW - 40	06/11/08	0.5120	<0.005	<0.005	<0.005	
MW - 40	09/10/08	0.4640	<0.005	0.0109	0.017	
MW - 40	12/11/08	0.2430	<0.005	<0.005	<0.005	
MW - 40	02/27/09	0.2110	<0.005	<0.005	<0.005	
MW - 40	05/22/09	0.2240	<0.005	<0.005	0.0613	
MW - 40	08/18/09	0.1900	<0.005	<0.005	<0.005	
MW - 40	12/10/09	0.0795	<0.001	<0.001	<0.001	
MW - 40	02/22/10	0.1470	<0.001	<0.001	<0.001	
MW - 40	06/03/10	0.0122	<0.001	<0.001	<0.001	
MW - 40	08/26/10	Not Sampled				
MW - 40	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 40	03/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 40	05/26/11	<0.001	<0.001	<0.001	<0.001	
MW - 40	08/19/11	<0.001	<0.001	<0.001	<0.001	
MW - 40	11/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 40	02/29/12	<0.001	<0.001	<0.001	<0.001	
MW - 40	05/02/12	<0.001	<0.001	<0.001	<0.001	
MW - 40	08/10/12	<0.001	<0.001	<0.001	<0.003	
MW - 40	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 40	02/23/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 40	05/16/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 40	08/21/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 40	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 40	02/20/14	<0.00100	<0.00100	<0.00100	<0.00300	

TABLE 2
HISTORIC CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM - SPS 11
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p -XYLENES	o -XYLENE
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 40	05/20/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 40	08/19/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 40	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	

Historic Table 3

TABLE 3

HISTORIC CONCENTRATIONS OF PAH IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

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	12/11/08	Not Sampled Due to Insufficient Water Volume																		
	12/10/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.0105	<0.000184	0.0155	<0.000184	0.0744	0.140	0.130	0.0111	
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled due to the presence of PSH.																		
	11/27/12	Not Sampled due to the presence of PSH.																		
	11/11/13	Not Sampled due to the presence of PSH.																		
	11/26/14	Not Sampled due to the presence of PSH.																		
MW-2	12/11/08	<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	
	12/09/09	<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	
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/11/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	12/11/08	<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	
	12/09/09	<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	
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/11/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4	12/11/08	Not Sampled Due to Insufficient Water Volume																		
	12/10/09	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	0.0766	<0.00183	0.226	0.616	0.578	0.0478	
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled due to the presence of PSH.																		
	11/27/12	Not Sampled due to the presence of PSH.																		
	11/11/13	Not Sampled due to the presence of PSH.																		
	11/25/14	Not Sampled due to the presence of PSH.																		

TABLE 3

HISTORIC CONCENTRATIONS OF PAH IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

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-6	12/11/08	<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	0.000207	<0.000184	<0.000184	<0.000184
	12/09/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/12/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	12/11/08	<0.000917	<0.000917	0.00181	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	0.0188	<0.000917	0.0287	<0.000917	0.109	0.232	0.197	0.0205	
	12/10/09	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	0.461	<0.00463	1.27	3.48	3.24	0.284	
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled due to the presence of PSH.																		
	11/27/12	Not Sampled due to the presence of PSH.																		
	11/11/13	Not Sampled due to the presence of PSH.																		
	11/25/14	Not Sampled due to the presence of PSH.																		
MW-9	12/11/08	<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	0.000278	0.000431	<0.000184	0.000624
	12/10/09	<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	0.00149	0.0013	0.00042	0.000837
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/12/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/26/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	12/11/08	<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
	12/10/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/12/13	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 3

HISTORIC CONCENTRATIONS OF PAH IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

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			---
	11/26/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	12/11/08	<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	0.000386	<0.000183	0.00228	0.00306	0.000266	0.00105
	12/10/09	<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	0.00621	0.00664	0.00103	0.00103
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled due to the presence of PSH.																		
	11/27/12	Not Sampled due to the presence of PSH.																		
	11/12/13	Not Sampled due to the presence of PSH.																		
	11/26/14	Not Sampled due to the presence of PSH.																		
MW-12	12/11/08	<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
	12/09/09	<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
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/12/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-13	12/11/08	<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
	12/09/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/11/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-14	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.00138	<0.000183	0.00105	<0.000183	0.0374	0.0259	0.0207	0.00177	
	12/10/09	<0.000184	<0.000184	0.00103	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00101	<0.000184	0.00746	0.0121	0.00844	0.00113	
	11/30/10	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.0116	<0.000184	0.000769	<0.000184	0.0313	0.0206	0.0165	0.00132	
	12/16/11	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.00106	<0.000183	0.000973	<0.000183	0.0355	0.0256	0.0224	0.00178	
	11/27/12	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	0.0012	<0.000190	0.0012	<0.000190	0.0336	0.022	0.027	0.00266	

TABLE 3

HISTORIC CONCENTRATIONS OF PAH IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

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			---
	11/12/13	<0.000200	<0.000200	0.00526	0.0185	<0.000200	<0.000200	<0.000200	<0.000200	0.0054	<0.000200	<0.000200	<0.000200	<0.000200	0.00677	<0.000200	0.0406	<0.000200	<0.000200	<0.000200
	11/26/14	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.00138	<0.000200	<0.000200	<0.000200	0.00927	0.0457	0.0124	0.00274
MW-15	12/11/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
	12/09/09	<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
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/12/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/26/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	12/11/08	<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
	12/10/09	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/12/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/26/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-17	12/11/08	<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
	12/10/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/12/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/26/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-18	12/11/08	<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
	12/09/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		

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		---
	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/11/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-19	12/11/08	<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	
	12/09/09	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/11/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-21	12/11/08	<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	
	12/09/09	<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	
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/11/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	12/11/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	
	12/09/09	<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	
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/11/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	12/11/08	<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	
	12/09/09	<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	
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 3

HISTORIC CONCENTRATIONS OF PAH IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

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			---
	11/12/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	12/11/08	<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	
	12/09/09	<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	
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/11/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-26	12/11/08	<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	0.00106	0.000552	0.000224	<0.000183
	12/10/09	<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	0.00128	<0.000184	<0.000184	<0.000184
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/12/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/26/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-28	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.000215	<0.000183	<0.000183	<0.000183	<0.000183	0.00247	0.00148	0.000516	0.000618
	12/10/09	<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	0.00315	0.00217	0.000988	0.000758
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/12/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/26/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-29	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.000628	<0.000183	0.000394	<0.000183	<0.000183	0.00944	0.00384	0.00161	0.000995
	12/10/09	<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	0.0136	0.00668	0.00332	0.00125
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/12/13	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 3

HISTORIC CONCENTRATIONS OF PAH IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

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[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		---	
	11/26/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-30	12/11/08	<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	
	12/09/09	<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	
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/11/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-31	12/11/08	<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	
	12/09/09	<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	
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/11/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-32	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.000357	<0.000183	<0.000183	<0.000183	0.000798	0.000604	<0.000183	0.000688	
	12/10/09	<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	0.00284	0.00181	<0.000184	0.000877	
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/12/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/26/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-33	12/11/08	<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	
	12/09/09	<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	
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/11/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 3

HISTORIC CONCENTRATIONS OF PAH IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

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-34	12/11/08	<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	
	12/10/09	<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	
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/11/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-35	12/11/08	<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	
	12/10/09	<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	
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/12/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/26/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-36	12/11/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000315	<0.000184	0.00744	0.0012	0.000186	0.000517	
	12/10/09	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.000516	<0.000185	<0.000185	
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/11/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																		
MW-37	12/11/08	<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	
	12/09/09	<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	
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/11/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 3

HISTORIC CONCENTRATIONS OF PAH IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

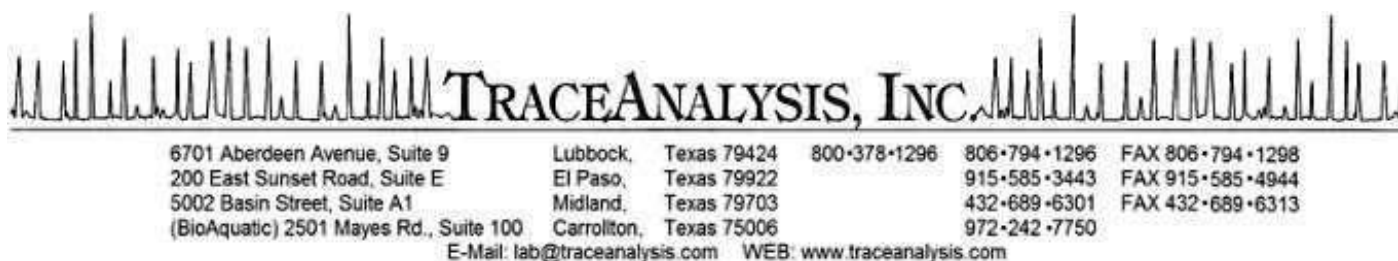
LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

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
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-38	12/11/08	<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
	12/09/09	<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
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																	
	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																	
	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																	
	11/11/13	Not Sampled as part of Quarterly Monitoring Event.																	
	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																	
MW-39	12/11/08	<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
	12/09/09	<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
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																	
	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																	
	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																	
	11/12/13	Not Sampled as part of Quarterly Monitoring Event.																	
	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																	
MW-40	12/11/08	<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
	12/10/09	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																	
	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																	
	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																	
	11/12/13	Not Sampled as part of Quarterly Monitoring Event.																	
	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																	

Laboratory Reports



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: March 3, 2014

Work Order: 14022101



Project Name: SPS-11
 Project Number: NM-2016

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
355273	MW-33	water	2014-02-19	13:26	2014-02-21
355274	MW-34	water	2014-02-19	13:48	2014-02-21
355275	MW-36	water	2014-02-19	14:00	2014-02-21
355276	MW-37	water	2014-02-19	14:12	2014-02-21
355277	MW-38	water	2014-02-19	14:22	2014-02-21
355278	MW-39	water	2014-02-19	14:40	2014-02-21
355279	MW-40	water	2014-02-20	10:10	2014-02-21
355280	MW-6	water	2014-02-20	10:46	2014-02-21
355281	MW-10	water	2014-02-20	11:12	2014-02-21
355282	MW-24	water	2014-02-20	11:47	2014-02-21
355283	MW-12	water	2014-02-20	12:16	2014-02-21
355284	MW-35	water	2014-02-20	12:44	2014-02-21
355285	MW-15	water	2014-02-20	13:15	2014-02-21
355286	MW-17	water	2014-02-20	13:34	2014-02-21
355287	MW-9	water	2014-02-20	14:01	2014-02-21
355288	MW-28	water	2014-02-20	14:18	2014-02-21
355289	MW-26	water	2014-02-20	14:46	2014-02-21
355290	MW-29	water	2014-02-20	15:10	2014-02-21
355291	MW-32	water	2014-02-20	15:33	2014-02-21

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
355292	MW-14	water	2014-02-20	16:06	2014-02-21

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 23 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

Case Narrative	5
Analytical Report	6
Sample 355273 (MW-33)	6
Sample 355274 (MW-34)	6
Sample 355275 (MW-36)	6
Sample 355276 (MW-37)	7
Sample 355277 (MW-38)	7
Sample 355278 (MW-39)	8
Sample 355279 (MW-40)	8
Sample 355280 (MW-6)	9
Sample 355281 (MW-10)	9
Sample 355282 (MW-24)	10
Sample 355283 (MW-12)	10
Sample 355284 (MW-35)	11
Sample 355285 (MW-15)	11
Sample 355286 (MW-17)	12
Sample 355287 (MW-9)	12
Sample 355288 (MW-28)	13
Sample 355289 (MW-26)	13
Sample 355290 (MW-29)	14
Sample 355291 (MW-32)	14
Sample 355292 (MW-14)	15
Method Blanks	16
QC Batch 109598 - Method Blank (1)	16
QC Batch 109643 - Method Blank (1)	16
Laboratory Control Spikes	17
QC Batch 109598 - LCS (1)	17
QC Batch 109643 - LCS (1)	17
QC Batch 109598 - MS (1)	18
QC Batch 109643 - MS (1)	18
Calibration Standards	20
QC Batch 109598 - CCV (1)	20
QC Batch 109598 - CCV (2)	20
QC Batch 109598 - CCV (3)	20
QC Batch 109643 - CCV (1)	20
QC Batch 109643 - CCV (2)	21
QC Batch 109643 - CCV (3)	21
Appendix	22
Report Definitions	22
Laboratory Certifications	22
Standard Flags	22

Attachments 22

Case Narrative

Samples for project SPS-11 were received by TraceAnalysis, Inc. on 2014-02-21 and assigned to work order 14022101. Samples for work order 14022101 were received intact without headspace and at a temperature of 3.3 C.

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

Test	Method	Prep Batch	Prep Date	QC Batch	Analysis Date
BTEX	S 8021B	92644	2014-02-24 at 11:14	109598	2014-02-25 at 08:22
BTEX	S 8021B	92652	2014-02-24 at 12:42	109643	2014-02-26 at 08:48

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 14022101 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: 355273 - MW-33

Laboratory: Midland
Analysis: BTEX
QC Batch: 109598
Prep Batch: 92644

Analytical Method: S 8021B
Date Analyzed: 2014-02-25
Sample Preparation: 2014-02-24

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

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	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)			0.105	mg/L	1	0.100	105	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0833	mg/L	1	0.100	83	70 - 130

Sample: 355274 - MW-34

Laboratory: Midland
Analysis: BTEX
QC Batch: 109598
Prep Batch: 92644

Analytical Method: S 8021B
Date Analyzed: 2014-02-25
Sample Preparation: 2014-02-24

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

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	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)			0.101	mg/L	1	0.100	101	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0819	mg/L	1	0.100	82	70 - 130

Report Date: March 3, 2014
NM-2016

Work Order: 14022101
SPS-11

Page Number: 7 of 23

Sample: 355275 - MW-36

Laboratory: Midland

Analysis: BTEX

QC Batch: 109598

Prep Batch: 92644

Analytical Method: S 8021B

Date Analyzed: 2014-02-25

Sample Preparation: 2014-02-24

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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	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)			0.101	mg/L	1	0.100	101	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0794	mg/L	1	0.100	79	70 - 130

Sample: 355276 - MW-37

Laboratory: Midland

Analysis: BTEX

QC Batch: 109598

Prep Batch: 92644

Analytical Method: S 8021B

Date Analyzed: 2014-02-25

Sample Preparation: 2014-02-24

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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	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)			0.101	mg/L	1	0.100	101	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0802	mg/L	1	0.100	80	70 - 130

Report Date: March 3, 2014
NM-2016

Work Order: 14022101
SPS-11

Page Number: 8 of 23

Sample: 355277 - MW-38

Laboratory: Midland

Analysis: BTEX

QC Batch: 109598

Prep Batch: 92644

Analytical Method: S 8021B

Date Analyzed: 2014-02-25

Sample Preparation: 2014-02-24

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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	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)			0.103	mg/L	1	0.100	103	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0810	mg/L	1	0.100	81	70 - 130

Sample: 355278 - MW-39

Laboratory: Midland

Analysis: BTEX

QC Batch: 109598

Prep Batch: 92644

Analytical Method: S 8021B

Date Analyzed: 2014-02-25

Sample Preparation: 2014-02-24

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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	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)			0.101	mg/L	1	0.100	101	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0801	mg/L	1	0.100	80	70 - 130

Report Date: March 3, 2014
NM-2016

Work Order: 14022101
SPS-11

Page Number: 9 of 23

Sample: 355279 - MW-40

Laboratory: Midland

Analysis: BTEX

QC Batch: 109598

Prep Batch: 92644

Analytical Method: S 8021B

Date Analyzed: 2014-02-25

Sample Preparation: 2014-02-24

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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	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)			0.101	mg/L	1	0.100	101	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0786	mg/L	1	0.100	79	70 - 130

Sample: 355280 - MW-6

Laboratory: Midland

Analysis: BTEX

QC Batch: 109598

Prep Batch: 92644

Analytical Method: S 8021B

Date Analyzed: 2014-02-25

Sample Preparation: 2014-02-24

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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	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)			0.0999	mg/L	1	0.100	100	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0789	mg/L	1	0.100	79	70 - 130

Report Date: March 3, 2014
NM-2016

Work Order: 14022101
SPS-11

Page Number: 10 of 23

Sample: 355281 - MW-10

Laboratory: Midland

Analysis: BTEX

QC Batch: 109598

Prep Batch: 92644

Analytical Method: S 8021B

Date Analyzed: 2014-02-25

Sample Preparation: 2014-02-24

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.00300	mg/L	1	0.00100
Toluene	U	1	<0.00100	mg/L	1	0.00100
Ethylbenzene	Qr	1	0.00390	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)			0.100	mg/L	1	0.100	100	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0836	mg/L	1	0.100	84	70 - 130

Sample: 355282 - MW-24

Laboratory: Midland

Analysis: BTEX

QC Batch: 109598

Prep Batch: 92644

Analytical Method: S 8021B

Date Analyzed: 2014-02-25

Sample Preparation: 2014-02-24

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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	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)			0.0982	mg/L	1	0.100	98	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0801	mg/L	1	0.100	80	70 - 130

Report Date: March 3, 2014
NM-2016

Work Order: 14022101
SPS-11

Page Number: 11 of 23

Sample: 355283 - MW-12

Laboratory: Midland

Analysis: BTEX

QC Batch: 109598

Prep Batch: 92644

Analytical Method: S 8021B

Date Analyzed: 2014-02-25

Sample Preparation: 2014-02-24

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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	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)			0.101	mg/L	1	0.100	101	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0790	mg/L	1	0.100	79	70 - 130

Sample: 355284 - MW-35

Laboratory: Midland

Analysis: BTEX

QC Batch: 109598

Prep Batch: 92644

Analytical Method: S 8021B

Date Analyzed: 2014-02-25

Sample Preparation: 2014-02-24

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	<0.00100	mg/L	1	0.00100
Toluene	U	1	<0.00100	mg/L	1	0.00100
Ethylbenzene	Qr	1	0.00780	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)			0.102	mg/L	1	0.100	102	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0915	mg/L	1	0.100	92	70 - 130

Report Date: March 3, 2014
NM-2016

Work Order: 14022101
SPS-11

Page Number: 12 of 23

Sample: 355285 - MW-15

Laboratory: Midland

Analysis: BTEX

QC Batch: 109598

Prep Batch: 92644

Analytical Method: S 8021B

Date Analyzed: 2014-02-25

Sample Preparation: 2014-02-24

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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	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)			0.100	mg/L	1	0.100	100	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0782	mg/L	1	0.100	78	70 - 130

Sample: 355286 - MW-17

Laboratory: Midland

Analysis: BTEX

QC Batch: 109598

Prep Batch: 92644

Analytical Method: S 8021B

Date Analyzed: 2014-02-25

Sample Preparation: 2014-02-24

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	<0.00100	mg/L	1	0.00100
Toluene	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)			0.0781	mg/L	1	0.100	78	70 - 130

Report Date: March 3, 2014
NM-2016

Work Order: 14022101
SPS-11

Page Number: 13 of 23

Sample: 355287 - MW-9

Laboratory: Midland

Analysis: BTEX

QC Batch: 109643

Prep Batch: 92652

Analytical Method: S 8021B

Date Analyzed: 2014-02-26

Sample Preparation: 2014-02-24

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.0175	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		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)			0.0807	mg/L	1	0.100	81	70 - 130

Sample: 355288 - MW-28

Laboratory: Midland

Analysis: BTEX

QC Batch: 109598

Prep Batch: 92644

Analytical Method: S 8021B

Date Analyzed: 2014-02-25

Sample Preparation: 2014-02-24

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.114	mg/L	1	0.00100
Toluene	U	1	<0.00100	mg/L	1	0.00100
Ethylbenzene	Qr	1	0.0267	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)			0.100	mg/L	1	0.100	100	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0909	mg/L	1	0.100	91	70 - 130

Report Date: March 3, 2014
NM-2016

Work Order: 14022101
SPS-11

Page Number: 14 of 23

Sample: 355289 - MW-26

Laboratory: Midland

Analysis: BTEX

QC Batch: 109598

Prep Batch: 92644

Analytical Method: S 8021B

Date Analyzed: 2014-02-25

Sample Preparation: 2014-02-24

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.360	mg/L	1	0.00100
Toluene		1	0.0318	mg/L	1	0.00100
Ethylbenzene	Qr	1	0.114	mg/L	1	0.00100
Xylene	Qr	1	0.0395	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.101	mg/L	1	0.100	101	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0959	mg/L	1	0.100	96	70 - 130

Sample: 355290 - MW-29

Laboratory: Midland

Analysis: BTEX

QC Batch: 109643

Prep Batch: 92652

Analytical Method: S 8021B

Date Analyzed: 2014-02-26

Sample Preparation: 2014-02-24

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.356	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	U	1	<0.150	mg/L	50	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			4.90	mg/L	50	5.00	98	70 - 130
4-Bromofluorobenzene (4-BFB)			3.93	mg/L	50	5.00	79	70 - 130

Report Date: March 3, 2014
NM-2016

Work Order: 14022101
SPS-11

Page Number: 15 of 23

Sample: 355291 - MW-32

Laboratory: Midland

Analysis: BTEX

QC Batch: 109643

Prep Batch: 92652

Analytical Method: S 8021B

Date Analyzed: 2014-02-26

Sample Preparation: 2014-02-24

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.849	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	U	1	<0.150	mg/L	50	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			4.85	mg/L	50	5.00	97	70 - 130
4-Bromofluorobenzene (4-BFB)			3.97	mg/L	50	5.00	79	70 - 130

Sample: 355292 - MW-14

Laboratory: Midland

Analysis: BTEX

QC Batch: 109643

Prep Batch: 92652

Analytical Method: S 8021B

Date Analyzed: 2014-02-26

Sample Preparation: 2014-02-24

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	2.60	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	U	1	<0.150	mg/L	50	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			4.85	mg/L	50	5.00	97	70 - 130
4-Bromofluorobenzene (4-BFB)			3.87	mg/L	50	5.00	77	70 - 130

Method Blanks

Method Blank (1) QC Batch: 109598

QC Batch: 109598
Prep Batch: 92644

Date Analyzed: 2014-02-25
QC Preparation: 2014-02-24

Analyzed By: AK
Prepared By: AK

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.105	mg/L	1	0.100	105	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0835	mg/L	1	0.100	84	70 - 130

Method Blank (1) QC Batch: 109643

QC Batch: 109643
Prep Batch: 92652

Date Analyzed: 2014-02-26
QC Preparation: 2014-02-24

Analyzed By: AK
Prepared By: AK

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0927	mg/L	1	0.100	93	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0750	mg/L	1	0.100	75	70 - 130

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 109598
Prep Batch: 92644

Date Analyzed: 2014-02-25
QC Preparation: 2014-02-24

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	<0.000238	101	70 - 130
Toluene		1	0.103	mg/L	1	0.100	<0.000181	103	70 - 130
Ethylbenzene		1	0.105	mg/L	1	0.100	<0.000247	105	70 - 130
Xylene		1	0.318	mg/L	1	0.300	<0.000189	106	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	0.107	mg/L	1	0.100	<0.000238	107	70 - 130	6	20
Toluene		1	0.111	mg/L	1	0.100	<0.000181	111	70 - 130	8	20
Ethylbenzene		1	0.112	mg/L	1	0.100	<0.000247	112	70 - 130	6	20
Xylene		1	0.339	mg/L	1	0.300	<0.000189	113	70 - 130	6	20

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

Surrogate	LCS Result	LCS Result	Units	Dil.	Spike Amount	LCS Rec.	LCS Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.118	0.113	mg/L	1	0.100	118	113	70 - 130
4-Bromofluorobenzene (4-BFB)	0.110	0.104	mg/L	1	0.100	110	104	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 109643
Prep Batch: 92652

Date Analyzed: 2014-02-26
QC Preparation: 2014-02-24

Analyzed By: AK
Prepared By: AK

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.110	mg/L	1	0.100	<0.000238	110	70 - 130
Toluene		1	0.110	mg/L	1	0.100	<0.000181	110	70 - 130
Ethylbenzene		1	0.110	mg/L	1	0.100	<0.000247	110	70 - 130
Xylene		1	0.340	mg/L	1	0.300	<0.000189	113	70 - 130

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

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.106	mg/L	1	0.100	<0.000238	106	70 - 130	3	20
Toluene		1	0.107	mg/L	1	0.100	<0.000181	107	70 - 130	3	20
Ethylbenzene		1	0.107	mg/L	1	0.100	<0.000247	107	70 - 130	3	20
Xylene		1	0.326	mg/L	1	0.300	<0.000189	109	70 - 130	4	20

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

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.101	0.104	mg/L	1	0.100	101	104	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0946	0.0950	mg/L	1	0.100	95	95	70 - 130

Matrix Spike (MS-1) Spiked Sample: 355273

QC Batch: 109598
Prep Batch: 92644

Date Analyzed: 2014-02-25
QC Preparation: 2014-02-24

Analyzed By: AK
Prepared By: AK

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.0988	mg/L	1	0.100	<0.000238	99	70 - 130
Toluene		1	0.101	mg/L	1	0.100	<0.000181	101	70 - 130
Ethylbenzene		1	0.102	mg/L	1	0.100	<0.000247	102	70 - 130
Xylene		1	0.310	mg/L	1	0.300	<0.000189	103	70 - 130

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

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.0819	mg/L	1	0.100	<0.000238	82	70 - 130	19	20
Toluene		1	0.0838	mg/L	1	0.100	<0.000181	84	70 - 130	19	20
Ethylbenzene	Q _r	Q _r 1	0.0833	mg/L	1	0.100	<0.000247	83	70 - 130	20	20
Xylene	Q _r	Q _r 1	0.253	mg/L	1	0.300	<0.000189	84	70 - 130	20	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)	0.106	0.106	mg/L	1	0.1	106	106	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0991	0.0966	mg/L	1	0.1	99	97	70 - 130

Matrix Spike (MS-1) Spiked Sample: 355296

QC Batch: 109643
Prep Batch: 92652

Date Analyzed: 2014-02-26
QC Preparation: 2014-02-24

Analyzed By: AK
Prepared By: AK

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.107	mg/L	1	0.100	<0.000238	107	70 - 130
Toluene		1	0.107	mg/L	1	0.100	<0.000181	107	70 - 130
Ethylbenzene		1	0.102	mg/L	1	0.100	<0.000247	102	70 - 130
Xylene		1	0.314	mg/L	1	0.300	<0.000189	105	70 - 130

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

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.109	mg/L	1	0.100	<0.000238	109	70 - 130	2	20
Toluene		1	0.110	mg/L	1	0.100	<0.000181	110	70 - 130	3	20
Ethylbenzene		1	0.106	mg/L	1	0.100	<0.000247	106	70 - 130	4	20
Xylene		1	0.324	mg/L	1	0.300	<0.000189	108	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)	0.101	0.101	mg/L	1	0.1	101	101	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0926	0.0945	mg/L	1	0.1	93	94	70 - 130

Calibration Standards

Standard (CCV-1)

QC Batch: 109598

Date Analyzed: 2014-02-25

Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.108	108	80 - 120	2014-02-25
Toluene		1	mg/L	0.100	0.109	109	80 - 120	2014-02-25
Ethylbenzene		1	mg/L	0.100	0.110	110	80 - 120	2014-02-25
Xylene		1	mg/L	0.300	0.333	111	80 - 120	2014-02-25

Standard (CCV-2)

QC Batch: 109598

Date Analyzed: 2014-02-25

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	2014-02-25
Toluene		1	mg/L	0.100	0.107	107	80 - 120	2014-02-25
Ethylbenzene		1	mg/L	0.100	0.107	107	80 - 120	2014-02-25
Xylene		1	mg/L	0.300	0.326	109	80 - 120	2014-02-25

Standard (CCV-3)

QC Batch: 109598

Date Analyzed: 2014-02-25

Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.105	105	80 - 120	2014-02-25
Toluene		1	mg/L	0.100	0.108	108	80 - 120	2014-02-25
Ethylbenzene		1	mg/L	0.100	0.106	106	80 - 120	2014-02-25
Xylene		1	mg/L	0.300	0.325	108	80 - 120	2014-02-25

Standard (CCV-1)

QC Batch: 109643

Date Analyzed: 2014-02-26

Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.105	105	80 - 120	2014-02-26
Toluene		1	mg/L	0.100	0.108	108	80 - 120	2014-02-26
Ethylbenzene		1	mg/L	0.100	0.106	106	80 - 120	2014-02-26
Xylene		1	mg/L	0.300	0.325	108	80 - 120	2014-02-26

Standard (CCV-2)

QC Batch: 109643

Date Analyzed: 2014-02-26

Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.103	103	80 - 120	2014-02-26
Toluene		1	mg/L	0.100	0.105	105	80 - 120	2014-02-26
Ethylbenzene		1	mg/L	0.100	0.104	104	80 - 120	2014-02-26
Xylene		1	mg/L	0.300	0.317	106	80 - 120	2014-02-26

Standard (CCV-3)

QC Batch: 109643

Date Analyzed: 2014-02-26

Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.108	108	80 - 120	2014-02-26
Toluene		1	mg/L	0.100	0.109	109	80 - 120	2014-02-26
Ethylbenzene		1	mg/L	0.100	0.108	108	80 - 120	2014-02-26
Xylene		1	mg/L	0.300	0.330	110	80 - 120	2014-02-26

Appendix

Report Definitions

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

Laboratory Certifications

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

Standard Flags

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

Attachments

Report Date: March 3, 2014
NM-2016

Work Order: 14022101
SPS-11

Page Number: 23 of 23

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

TraceAnalysis, Inc.

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

email: lab@traceanalysis.com

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 (375) 392-7561
Brandon & Clark
3403 Industrial Blvd.
Hobbs, NM 88240
Tel (575) 392-7561
Fax (375) 392-4508

Company Name: Nova Phone #: (432) 520-7720
Address: 2057 Commerce Midland Fax #:
Contact Person: Curt Stanley E-mail:
Invoice to: Plains
(If different from above)
Project #: NM-2016
Project Location (including state):

Project Name: SPS-11Sampler Signature: DAVID FLETCHER

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX			PRESERVATIVE METHOD				SAMPLING		TIME	Turn Around Time if different from standard
				WATER	AIR	SLUDGE	HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE	NONE		
20273	MW 33	3	VOA	X			X		X			2/14/14 1326		
274	MW 34											1348		
275	MW 36											1400		
276	MW 37											1412		
277	MW 38											1422		
278	MW 39											1440		
279	MW 40											1010		
280	MW 6											1046		
281	MW 10											1112		
282	MW 24											1147		
283	MW 12											1216		

LAB USE ONLY	REMARKS:
Relinquished by: <u>DAVID FLETCHER NOVA</u> Date: <u>2/21/14</u> Time: <u>830</u>	LAB USE ONLY Intact ☒ N Headspace ☒ NA 33C Log-in-Review ☒ ☐ Dry Weight Basis Required ☐ TRRP Report Required ☐ Check if Special Reporting Limits Are Needed
Relinquished by: <u>DAVID FLETCHER NOVA</u> Date: <u>2/21/14</u> Time: <u>830</u>	
Relinquished by: <u>DAVID FLETCHER NOVA</u> Date: <u>2/21/14</u> Time: <u>830</u>	

TraceAnalysis, Inc.6701 Aberdeen Avenue, Suite 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-12965002 Basin Street, Suite A1
Midland, Texas 79703
Tel (432) 689-6301
Fax (432) 689-6313200 East Sunset Rd., Suite E
El Paso, Texas 79922
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443BioAquatic Testing
2501 Mayes Rd., Ste 100
Carrollton, Texas 75006
Tel (972) 242-7750
Fax (972) 242-7750
Fax (575) 392-4508

email: lab@traceanalysis.com

Company Name:	Nova	Phone #:	(432) 520-7720
Address:	(Street, City, Zip)	Fax #:	
Contact Person:	2057 Commerce Midland	E-mail:	
Invoice to:	Coat Stanley		
(If different from above)	Plains		
Project #:	NM-2016	Project Name:	SPB-11
Project Location (including state):		Sampler Signature:	DAVID FLETCHER

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX			PRESERVATIVE METHOD					DATE	TIME
				WATER	AIR	SLUDGE	HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE		
2023A	MW 35	3	10A X	X			X		X			2/20/14	1244
205	MW 15												1315
206	MW 17*												1334
207	MW 9												1401
208	MW 28												1418
209	MW 26												1446
210	MW 29												1510
211	MW 32												1533
212	MW 14												1606

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST	OBS	COR
David Fletcher Nova		2/21/14	830	David Fletcher Nova	TA	2-21-14	830			
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
Inst. ☒ N
Headspace ☒ Y / ☒ N
33°C
Log-in-Review

ANALYSIS REQUEST

(Circle or Specify Method No.)

MTBE	8021 / 602 / 8260 / 624
BTEX	8021 / 602 / 8260 / 624
TPH 418.1 / TX1005 / TX1005 Ext(C35)	
TPH 8015 GRO / DRO / TVHC	
PAH 8270 / 625	
Total Metals Ag As Ba Cd Cr Pb Se Hg	
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	

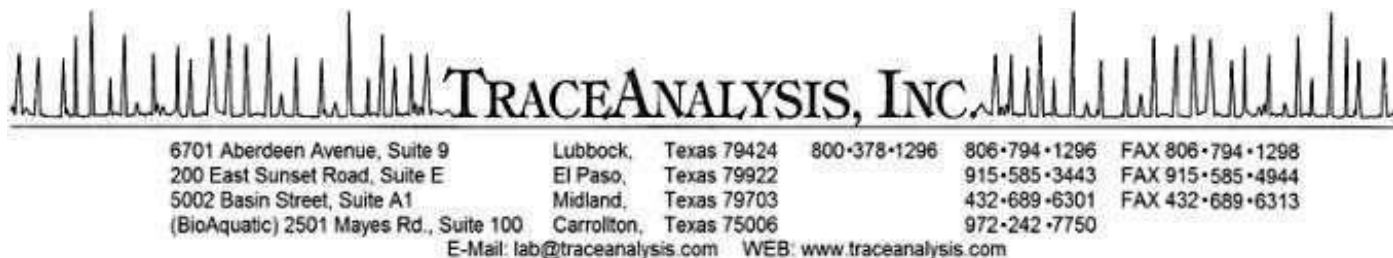
Turn Around Time if different from standard

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

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

ORIGINAL COPY

Carrier #



Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

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

Report Date: February 28, 2014

Work Order: 14022709



Project Location: North of Hobbs, Lea Co., NM
Project Name: SPS 11
Project Number: TNM-SPS-11

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
356091	MW-16	water	2014-02-26	11:38	2014-02-27

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 11 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

Case Narrative	3
Analytical Report	4
Sample 356091 (MW-16)	4
Method Blanks	5
QC Batch 109731 - Method Blank (1)	5
Laboratory Control Spikes	6
QC Batch 109731 - LCS (1)	6
QC Batch 109731 - MS (1)	6
Calibration Standards	8
QC Batch 109731 - CCV (1)	8
QC Batch 109731 - CCV (2)	8
QC Batch 109731 - CCV (3)	8
QC Batch 109731 - CCV (4)	8
Appendix	10
Report Definitions	10
Laboratory Certifications	10
Standard Flags	10
Attachments	10

Case Narrative

Samples for project SPS 11 were received by TraceAnalysis, Inc. on 2014-02-27 and assigned to work order 14022709. Samples for work order 14022709 were received intact without headspace and at a temperature of 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	92759	2014-02-27 at 10:31	109731	2014-02-28 at 07:36

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 14022709 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 28, 2014
TNM-SPS-11

Work Order: 14022709
SPS 11

Page Number: 4 of 11
North of Hobbs, Lea Co., NM

Analytical Report

Sample: 356091 - MW-16

Laboratory: Midland
Analysis: BTEX
QC Batch: 109731
Prep Batch: 92759

Analytical Method: S 8021B
Date Analyzed: 2014-02-28
Sample Preparation: 2014-02-27

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

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,U	1	<0.00100	mg/L	1	0.00100
Xylene	Qs,U	1	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0970	mg/L	1	0.100	97	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0734	mg/L	1	0.100	73	70 - 130

Report Date: February 28, 2014
TNM-SPS-11

Work Order: 14022709
SPS 11

Page Number: 5 of 11
North of Hobbs, Lea Co., NM

Method Blanks

Method Blank (1) QC Batch: 109731

QC Batch: 109731
Prep Batch: 92759

Date Analyzed: 2014-02-28
QC Preparation: 2014-02-27

Analyzed By: AK
Prepared By: AK

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0990	mg/L	1	0.100	99	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0745	mg/L	1	0.100	74	70 - 130

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 109731
Prep Batch: 92759

Date Analyzed: 2014-02-28
QC Preparation: 2014-02-27

Analyzed By: AK
Prepared By: AK

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.103	mg/L	1	0.100	<0.000238	103	70 - 130
Toluene		1	0.108	mg/L	1	0.100	<0.000181	108	70 - 130
Ethylbenzene		1	0.110	mg/L	1	0.100	<0.000247	110	70 - 130
Xylene		1	0.335	mg/L	1	0.300	<0.000189	112	70 - 130

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

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.101	mg/L	1	0.100	<0.000238	101	70 - 130	2	20
Toluene		1	0.105	mg/L	1	0.100	<0.000181	105	70 - 130	3	20
Ethylbenzene		1	0.107	mg/L	1	0.100	<0.000247	107	70 - 130	3	20
Xylene		1	0.324	mg/L	1	0.300	<0.000189	108	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)	0.103	0.102	mg/L	1	0.100	103	102	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0931	0.0920	mg/L	1	0.100	93	92	70 - 130

Matrix Spike (MS-1) Spiked Sample: 356066

QC Batch: 109731
Prep Batch: 92759

Date Analyzed: 2014-02-28
QC Preparation: 2014-02-27

Analyzed By: AK
Prepared By: AK

Param				MS	Units	Dil.	Spike	Matrix	Rec.	Rec. Limit
	F	C	Result	Amount			Result			
Benzene	Qs	Qs	1	0.0361	mg/L	1	0.100	<0.000238	36	70 - 130
Toluene	Qs	Qs	1	0.0356	mg/L	1	0.100	<0.000181	36	70 - 130
Ethylbenzene	Qs	Qs	1	0.0342	mg/L	1	0.100	<0.000247	34	70 - 130
Xylene	Qs	Qs	1	0.105	mg/L	1	0.300	<0.000189	35	70 - 130

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

Report Date: February 28, 2014
TNM-SPS-11

Work Order: 14022709
SPS 11

Page Number: 7 of 11
North of Hobbs, Lea Co., NM

Param				MSD		Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
	F	C	Result	Units								
Benzene	Q _s	Q _s	1	0.0355	mg/L	1	0.100	<0.000238	36	70 - 130	2	20
Toluene	Q _s	Q _s	1	0.0344	mg/L	1	0.100	<0.000181	34	70 - 130	3	20
Ethylbenzene	Q _s	Q _s	1	0.0332	mg/L	1	0.100	<0.000247	33	70 - 130	3	20
Xylene	Q _s	Q _s	1	0.102	mg/L	1	0.300	<0.000189	34	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)	0.100	0.100	mg/L	1	0.1	100	100	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0847	0.0854	mg/L	1	0.1	85	85	70 - 130

Calibration Standards

Standard (CCV-1)

QC Batch: 109731

Date Analyzed: 2014-02-28

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	0.103	103	80 - 120	2014-02-28
Toluene		1	mg/L	0.100	0.104	104	80 - 120	2014-02-28
Ethylbenzene		1	mg/L	0.100	0.101	101	80 - 120	2014-02-28
Xylene		1	mg/L	0.300	0.308	103	80 - 120	2014-02-28

Standard (CCV-2)

QC Batch: 109731

Date Analyzed: 2014-02-28

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	0.0990	99	80 - 120	2014-02-28
Toluene		1	mg/L	0.100	0.104	104	80 - 120	2014-02-28
Ethylbenzene		1	mg/L	0.100	0.104	104	80 - 120	2014-02-28
Xylene		1	mg/L	0.300	0.317	106	80 - 120	2014-02-28

Standard (CCV-3)

QC Batch: 109731

Date Analyzed: 2014-02-28

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	2014-02-28
Toluene		1	mg/L	0.100	0.108	108	80 - 120	2014-02-28
Ethylbenzene		1	mg/L	0.100	0.109	109	80 - 120	2014-02-28
Xylene		1	mg/L	0.300	0.333	111	80 - 120	2014-02-28

Report Date: February 28, 2014
TNM-SPS-11

Work Order: 14022709
SPS 11

Page Number: 9 of 11
North of Hobbs, Lea Co., NM

Standard (CCV-4)

QC Batch: 109731

Date Analyzed: 2014-02-28

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	0.109	109	80 - 120	2014-02-28
Toluene		1	mg/L	0.100	0.111	111	80 - 120	2014-02-28
Ethylbenzene		1	mg/L	0.100	0.110	110	80 - 120	2014-02-28
Xylene		1	mg/L	0.300	0.334	111	80 - 120	2014-02-28

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 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: February 28, 2014
TNM-SPS-11

Work Order: 14022709
SPS 11

Page Number: 11 of 11
North of Hobbs, Lea Co., NM

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

TraceAnalysis, Inc.

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

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

email: lab@traceanalysis.com

Company Name:	Nova	Phone #:	432 520-7720
Address:	(Street, City, Zip) 2057 Commerce	Fax #:	
Contact Person:	Curt Stanley	E-mail:	
Invoice to:			
(If different from above)			
Project #:		Project Name:	SPS 11
Project Location (including state):	Nm	Sampler Signature:	<i>[Signature]</i>

ANALYSIS REQUEST

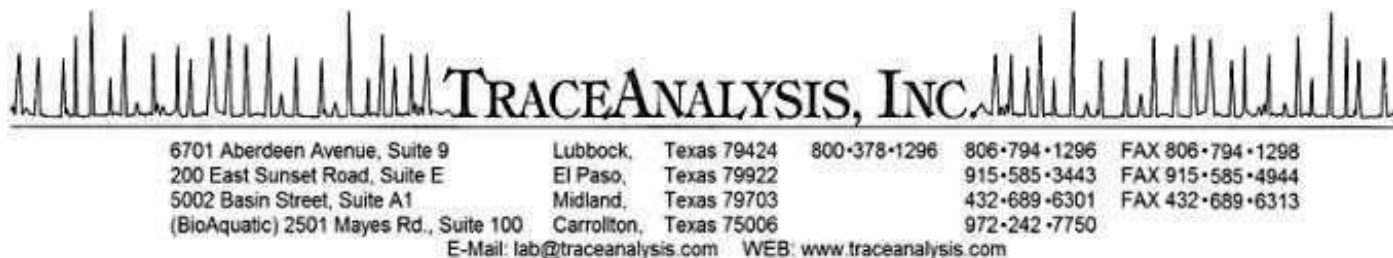
(Circle or Specify Method No.)

[illegible]

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

ORIGINAL COPY

Carrier # 44



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: May 23, 2014

Work Order: 14052103



Project Location: West of Hobbs, NM
 Project Name: TNM SPS-11
 Project Number: NM-2016
 SRS #: TNM-SPS-11

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
363485	MW-33	water	2014-05-20	08:00	2014-05-21
363486	MW-34	water	2014-05-20	08:06	2014-05-21
363487	MW-36	water	2014-05-20	08:17	2014-05-21
363488	MW-37	water	2014-05-20	08:23	2014-05-21
363489	MW-38	water	2014-05-20	08:40	2014-05-21
363490	MW-39	water	2014-05-20	08:56	2014-05-21
363491	MW-40	water	2014-05-20	09:11	2014-05-21
363492	MW-6	water	2014-05-20	09:33	2014-05-21
363493	MW-24	water	2014-05-20	09:50	2014-05-21
363494	MW-12	water	2014-05-20	10:21	2014-05-21
363495	MW-35	water	2014-05-20	10:37	2014-05-21
363496	MW-15	water	2014-05-20	11:46	2014-05-21
363497	MW-16	water	2014-05-20	12:12	2014-05-21
363498	MW-18	water	2014-05-20	12:30	2014-05-21
363499	MW-17	water	2014-05-20	12:55	2014-05-21
363500	MW-10	water	2014-05-20	13:13	2014-05-21
363501	MW-9	water	2014-05-20	13:46	2014-05-21

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
363502	MW-28	water	2014-05-20	14:02	2014-05-21
363503	MW-29	water	2014-05-20	14:20	2014-05-21
363504	MW-26	water	2014-05-20	14:36	2014-05-21
363505	MW-32	water	2014-05-20	14:50	2014-05-21
363506	MW-14	water	2014-05-20	15:04	2014-05-21

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 25 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

Case Narrative	5
Analytical Report	6
Sample 363485 (MW-33)	6
Sample 363486 (MW-34)	6
Sample 363487 (MW-36)	6
Sample 363488 (MW-37)	7
Sample 363489 (MW-38)	7
Sample 363490 (MW-39)	8
Sample 363491 (MW-40)	8
Sample 363492 (MW-6)	9
Sample 363493 (MW-24)	9
Sample 363494 (MW-12)	10
Sample 363495 (MW-35)	10
Sample 363496 (MW-15)	11
Sample 363497 (MW-16)	11
Sample 363498 (MW-18)	12
Sample 363499 (MW-17)	12
Sample 363500 (MW-10)	13
Sample 363501 (MW-9)	13
Sample 363502 (MW-28)	14
Sample 363503 (MW-29)	14
Sample 363504 (MW-26)	15
Sample 363505 (MW-32)	15
Sample 363506 (MW-14)	16
Method Blanks	17
QC Batch 112212 - Method Blank (1)	17
QC Batch 112229 - Method Blank (1)	17
Laboratory Control Spikes	18
QC Batch 112212 - LCS (1)	18
QC Batch 112229 - LCS (1)	18
Matrix Spikes	20
QC Batch 112212 - MS (1)	20
QC Batch 112229 - MS (1)	20
Calibration Standards	22
QC Batch 112212 - CCV (2)	22
QC Batch 112212 - CCV (3)	22
QC Batch 112229 - CCV (2)	22
QC Batch 112229 - CCV (3)	22
Appendix	24
Report Definitions	24
Laboratory Certifications	24

Standard Flags 24

Attachments 24

Case Narrative

Samples for project TNM SPS-11 were received by TraceAnalysis, Inc. on 2014-05-21 and assigned to work order 14052103. Samples for work order 14052103 were received intact without headspace and at a temperature of 8.8 C.

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

Test	Method	Prep Batch	Prep Date	QC Batch	Analysis Date
BTEX	S 8021B	94871	2014-05-21 at 12:00	112212	2014-05-23 at 07:44
BTEX	S 8021B	94874	2014-05-22 at 15:00	112229	2014-05-23 at 11:31

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 14052103 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 23, 2014
NM-2016

Work Order: 14052103
TNM SPS-11

Page Number: 6 of 25
West of Hobbs, NM

Analytical Report

Sample: 363485 - MW-33

Laboratory: Midland
Analysis: BTEX
QC Batch: 112212
Prep Batch: 94871

Analytical Method: S 8021B
Date Analyzed: 2014-05-23
Sample Preparation: 2014-05-21

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

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	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0931	mg/L	1	0.100	93	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0845	mg/L	1	0.100	84	70 - 130

Sample: 363486 - MW-34

Laboratory: Midland
Analysis: BTEX
QC Batch: 112212
Prep Batch: 94871

Analytical Method: S 8021B
Date Analyzed: 2014-05-23
Sample Preparation: 2014-05-21

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

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	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0952	mg/L	1	0.100	95	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0840	mg/L	1	0.100	84	70 - 130

Report Date: May 23, 2014
NM-2016

Work Order: 14052103
TNM SPS-11

Page Number: 7 of 25
West of Hobbs, NM

Sample: 363487 - MW-36

Laboratory: Midland

Analysis: BTEX

QC Batch: 112212

Prep Batch: 94871

Analytical Method: S 8021B

Date Analyzed: 2014-05-23

Sample Preparation: 2014-05-21

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0926	mg/L	1	0.100	93	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0827	mg/L	1	0.100	83	70 - 130

Sample: 363488 - MW-37

Laboratory: Midland

Analysis: BTEX

QC Batch: 112212

Prep Batch: 94871

Analytical Method: S 8021B

Date Analyzed: 2014-05-23

Sample Preparation: 2014-05-21

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0943	mg/L	1	0.100	94	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0829	mg/L	1	0.100	83	70 - 130

Report Date: May 23, 2014
NM-2016

Work Order: 14052103
TNM SPS-11

Page Number: 8 of 25
West of Hobbs, NM

Sample: 363489 - MW-38

Laboratory: Midland

Analysis: BTEX

QC Batch: 112212

Prep Batch: 94871

Analytical Method: S 8021B

Date Analyzed: 2014-05-23

Sample Preparation: 2014-05-21

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0887	mg/L	1	0.100	89	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0808	mg/L	1	0.100	81	70 - 130

Sample: 363490 - MW-39

Laboratory: Midland

Analysis: BTEX

QC Batch: 112212

Prep Batch: 94871

Analytical Method: S 8021B

Date Analyzed: 2014-05-23

Sample Preparation: 2014-05-21

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0928	mg/L	1	0.100	93	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0846	mg/L	1	0.100	85	70 - 130

Report Date: May 23, 2014
NM-2016

Work Order: 14052103
TNM SPS-11

Page Number: 9 of 25
West of Hobbs, NM

Sample: 363491 - MW-40

Laboratory: Midland

Analysis: BTEX

QC Batch: 112212

Prep Batch: 94871

Analytical Method: S 8021B

Date Analyzed: 2014-05-23

Sample Preparation: 2014-05-21

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0922	mg/L	1	0.100	92	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0810	mg/L	1	0.100	81	70 - 130

Sample: 363492 - MW-6

Laboratory: Midland

Analysis: BTEX

QC Batch: 112212

Prep Batch: 94871

Analytical Method: S 8021B

Date Analyzed: 2014-05-23

Sample Preparation: 2014-05-21

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0927	mg/L	1	0.100	93	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0810	mg/L	1	0.100	81	70 - 130

Report Date: May 23, 2014
NM-2016

Work Order: 14052103
TNM SPS-11

Page Number: 10 of 25
West of Hobbs, NM

Sample: 363493 - MW-24

Laboratory: Midland

Analysis: BTEX

QC Batch: 112212

Prep Batch: 94871

Analytical Method: S 8021B

Date Analyzed: 2014-05-23

Sample Preparation: 2014-05-21

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0913	mg/L	1	0.100	91	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0821	mg/L	1	0.100	82	70 - 130

Sample: 363494 - MW-12

Laboratory: Midland

Analysis: BTEX

QC Batch: 112212

Prep Batch: 94871

Analytical Method: S 8021B

Date Analyzed: 2014-05-23

Sample Preparation: 2014-05-21

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0917	mg/L	1	0.100	92	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0797	mg/L	1	0.100	80	70 - 130

Report Date: May 23, 2014
NM-2016

Work Order: 14052103
TNM SPS-11

Page Number: 11 of 25
West of Hobbs, NM

Sample: 363495 - MW-35

Laboratory: Midland

Analysis: BTEX

QC Batch: 112212

Prep Batch: 94871

Analytical Method: S 8021B

Date Analyzed: 2014-05-23

Sample Preparation: 2014-05-21

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.00120	mg/L	1	0.00100
Toluene	U	1	<0.00100	mg/L	1	0.00100
Ethylbenzene		1	0.00480	mg/L	1	0.00100
Xylene	U	1	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0917	mg/L	1	0.100	92	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0891	mg/L	1	0.100	89	70 - 130

Sample: 363496 - MW-15

Laboratory: Midland

Analysis: BTEX

QC Batch: 112212

Prep Batch: 94871

Analytical Method: S 8021B

Date Analyzed: 2014-05-23

Sample Preparation: 2014-05-21

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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		1	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0942	mg/L	1	0.100	94	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0810	mg/L	1	0.100	81	70 - 130

Report Date: May 23, 2014
NM-2016

Work Order: 14052103
TNM SPS-11

Page Number: 12 of 25
West of Hobbs, NM

Sample: 363497 - MW-16

Laboratory: Midland

Analysis: BTEX

QC Batch: 112212

Prep Batch: 94871

Analytical Method: S 8021B

Date Analyzed: 2014-05-23

Sample Preparation: 2014-05-21

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.00140	mg/L	1	0.00100
Toluene		1	0.00170	mg/L	1	0.00100
Ethylbenzene	U	1	<0.00100	mg/L	1	0.00100
Xylene	U	1	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0912	mg/L	1	0.100	91	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0795	mg/L	1	0.100	80	70 - 130

Sample: 363498 - MW-18

Laboratory: Midland

Analysis: BTEX

QC Batch: 112212

Prep Batch: 94871

Analytical Method: S 8021B

Date Analyzed: 2014-05-23

Sample Preparation: 2014-05-21

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0923	mg/L	1	0.100	92	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0793	mg/L	1	0.100	79	70 - 130

Report Date: May 23, 2014
NM-2016

Work Order: 14052103
TNM SPS-11

Page Number: 13 of 25
West of Hobbs, NM

Sample: 363499 - MW-17

Laboratory: Midland

Analysis: BTEX

QC Batch: 112212

Prep Batch: 94871

Analytical Method: S 8021B

Date Analyzed: 2014-05-23

Sample Preparation: 2014-05-21

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.0122	mg/L	1	0.00100
Toluene		1	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	1	<0.00100	mg/L	1	0.00100
Xylene	U	1	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0928	mg/L	1	0.100	93	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0783	mg/L	1	0.100	78	70 - 130

Sample: 363500 - MW-10

Laboratory: Midland

Analysis: BTEX

QC Batch: 112212

Prep Batch: 94871

Analytical Method: S 8021B

Date Analyzed: 2014-05-23

Sample Preparation: 2014-05-21

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.00540	mg/L	1	0.00100
Toluene	U	1	<0.00100	mg/L	1	0.00100
Ethylbenzene		1	0.0107	mg/L	1	0.00100
Xylene	U	1	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0913	mg/L	1	0.100	91	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0841	mg/L	1	0.100	84	70 - 130

Report Date: May 23, 2014
NM-2016

Work Order: 14052103
TNM SPS-11

Page Number: 14 of 25
West of Hobbs, NM

Sample: 363501 - MW-9

Laboratory: Midland

Analysis: BTEX

QC Batch: 112212

Prep Batch: 94871

Analytical Method: S 8021B

Date Analyzed: 2014-05-23

Sample Preparation: 2014-05-21

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.0453	mg/L	1	0.00100
Toluene	U	1	<0.00100	mg/L	1	0.00100
Ethylbenzene		1	<0.00100	mg/L	1	0.00100
Xylene	U	1	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0916	mg/L	1	0.100	92	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0828	mg/L	1	0.100	83	70 - 130

Sample: 363502 - MW-28

Laboratory: Midland

Analysis: BTEX

QC Batch: 112212

Prep Batch: 94871

Analytical Method: S 8021B

Date Analyzed: 2014-05-23

Sample Preparation: 2014-05-21

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.109	mg/L	1	0.00100
Toluene	U	1	<0.00100	mg/L	1	0.00100
Ethylbenzene		1	0.0264	mg/L	1	0.00100
Xylene	U	1	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0943	mg/L	1	0.100	94	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0887	mg/L	1	0.100	89	70 - 130

Report Date: May 23, 2014
NM-2016

Work Order: 14052103
TNM SPS-11

Page Number: 15 of 25
West of Hobbs, NM

Sample: 363503 - MW-29

Laboratory: Midland

Analysis: BTEX

QC Batch: 112212

Prep Batch: 94871

Analytical Method: S 8021B

Date Analyzed: 2014-05-23

Sample Preparation: 2014-05-21

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.395	mg/L	1	0.00100
Toluene	u	1	<0.00100	mg/L	1	0.00100
Ethylbenzene		1	0.00240	mg/L	1	0.00100
Xylene		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)			0.114	mg/L	1	0.100	114	70 - 130

Sample: 363504 - MW-26

Laboratory: Midland

Analysis: BTEX

QC Batch: 112212

Prep Batch: 94871

Analytical Method: S 8021B

Date Analyzed: 2014-05-23

Sample Preparation: 2014-05-21

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.210	mg/L	1	0.00100
Toluene		1	0.0147	mg/L	1	0.00100
Ethylbenzene		1	0.0442	mg/L	1	0.00100
Xylene		1	0.0199	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0957	mg/L	1	0.100	96	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0913	mg/L	1	0.100	91	70 - 130

Report Date: May 23, 2014
NM-2016

Work Order: 14052103
TNM SPS-11

Page Number: 16 of 25
West of Hobbs, NM

Sample: 363505 - MW-32

Laboratory: Midland

Analysis: BTEX

QC Batch: 112229

Prep Batch: 94874

Analytical Method: S 8021B

Date Analyzed: 2014-05-23

Sample Preparation: 2014-05-22

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.857	mg/L	50	0.00100
Toluene	U	1	<0.0500	mg/L	50	0.00100
Ethylbenzene		1	0.0535	mg/L	50	0.00100
Xylene	U	1	<0.150	mg/L	50	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			4.70	mg/L	50	5.00	94	70 - 130
4-Bromofluorobenzene (4-BFB)			3.91	mg/L	50	5.00	78	70 - 130

Sample: 363506 - MW-14

Laboratory: Midland

Analysis: BTEX

QC Batch: 112229

Prep Batch: 94874

Analytical Method: S 8021B

Date Analyzed: 2014-05-23

Sample Preparation: 2014-05-22

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	1.58	mg/L	100	0.00100
Toluene	U	1	<0.100	mg/L	100	0.00100
Ethylbenzene	U	1	<0.100	mg/L	100	0.00100
Xylene	U	1	<0.300	mg/L	100	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			9.25	mg/L	100	10.0	92	70 - 130
4-Bromofluorobenzene (4-BFB)			7.56	mg/L	100	10.0	76	70 - 130

Report Date: May 23, 2014
NM-2016

Work Order: 14052103
TNM SPS-11

Page Number: 17 of 25
West of Hobbs, NM

Method Blanks

Method Blank (1) QC Batch: 112212

QC Batch: 112212 Date Analyzed: 2014-05-23 Analyzed By: AK
Prep Batch: 94871 QC Preparation: 2014-05-21 Prepared By: AK

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0949	mg/L	1	0.100	95	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0854	mg/L	1	0.100	85	70 - 130

Method Blank (1) QC Batch: 112229

QC Batch: 112229 Date Analyzed: 2014-05-23 Analyzed By: AK
Prep Batch: 94874 QC Preparation: 2014-05-22 Prepared By: AK

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0908	mg/L	1	0.100	91	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0750	mg/L	1	0.100	75	70 - 130

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 112212
Prep Batch: 94871

Date Analyzed: 2014-05-23
QC Preparation: 2014-05-21

Analyzed By: AK
Prepared By: AK

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.0985	mg/L	1	0.100	<0.000238	98	70 - 130
Toluene		1	0.100	mg/L	1	0.100	<0.000181	100	70 - 130
Ethylbenzene		1	0.0965	mg/L	1	0.100	<0.000247	96	70 - 130
Xylene		1	0.295	mg/L	1	0.300	<0.000189	98	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	0.103	mg/L	1	0.100	<0.000238	103	70 - 130	4	20
Toluene		1	0.104	mg/L	1	0.100	<0.000181	104	70 - 130	4	20
Ethylbenzene		1	0.101	mg/L	1	0.100	<0.000247	101	70 - 130	5	20
Xylene		1	0.306	mg/L	1	0.300	<0.000189	102	70 - 130	4	20

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

Surrogate	LCS Result	LCS Result	Units	Dil.	Spike Amount	LCS Rec.	LCS Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0990	0.0985	mg/L	1	0.100	99	98	70 - 130
4-Bromofluorobenzene (4-BFB)	0.104	0.107	mg/L	1	0.100	104	107	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 112229
Prep Batch: 94874

Date Analyzed: 2014-05-23
QC Preparation: 2014-05-22

Analyzed By: AK
Prepared By: AK

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.102	mg/L	1	0.100	<0.000238	102	70 - 130
Toluene		1	0.102	mg/L	1	0.100	<0.000181	102	70 - 130
Ethylbenzene		1	0.0982	mg/L	1	0.100	<0.000247	98	70 - 130
Xylene		1	0.298	mg/L	1	0.300	<0.000189	99	70 - 130

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

Report Date: May 23, 2014
NM-2016

Work Order: 14052103
TNM SPS-11

Page Number: 19 of 25
West of Hobbs, NM

Param	F	C	LCSD		Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
			Result	Units							
Benzene		1	0.103	mg/L	1	0.100	<0.000238	103	70 - 130	1	20
Toluene		1	0.103	mg/L	1	0.100	<0.000181	103	70 - 130	1	20
Ethylbenzene		1	0.0989	mg/L	1	0.100	<0.000247	99	70 - 130	1	20
Xylene		1	0.300	mg/L	1	0.300	<0.000189	100	70 - 130	1	20

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

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0977	0.0976	mg/L	1	0.100	98	98	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0981	0.0987	mg/L	1	0.100	98	99	70 - 130

Report Date: May 23, 2014
NM-2016

Work Order: 14052103
TNM SPS-11

Page Number: 20 of 25
West of Hobbs, NM

Matrix Spikes

Matrix Spike (MS-1) Spiked Sample: 363485

QC Batch: 112212
Prep Batch: 94871

Date Analyzed: 2014-05-23
QC Preparation: 2014-05-21

Analyzed By: AK
Prepared By: AK

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.104	mg/L	1	0.100	<0.000238	104	70 - 130
Toluene		1	0.105	mg/L	1	0.100	<0.000181	105	70 - 130
Ethylbenzene		1	0.101	mg/L	1	0.100	<0.000247	101	70 - 130
Xylene		1	0.305	mg/L	1	0.300	<0.000189	102	70 - 130

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

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.106	mg/L	1	0.100	<0.000238	106	70 - 130	2	20
Toluene		1	0.107	mg/L	1	0.100	<0.000181	107	70 - 130	2	20
Ethylbenzene		1	0.103	mg/L	1	0.100	<0.000247	103	70 - 130	2	20
Xylene		1	0.311	mg/L	1	0.300	<0.000189	104	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)	0.0978	0.0969	mg/L	1	0.1	98	97	70 - 130
4-Bromofluorobenzene (4-BFB)	0.105	0.103	mg/L	1	0.1	105	103	70 - 130

Matrix Spike (MS-1) Spiked Sample: 363664

QC Batch: 112229
Prep Batch: 94874

Date Analyzed: 2014-05-23
QC Preparation: 2014-05-22

Analyzed By: AK
Prepared By: AK

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.106	mg/L	1	0.100	<0.000238	106	70 - 130
Toluene		1	0.106	mg/L	1	0.100	<0.000181	106	70 - 130
Ethylbenzene		1	0.100	mg/L	1	0.100	<0.000247	100	70 - 130
Xylene		1	0.304	mg/L	1	0.300	<0.000189	101	70 - 130

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

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.108	mg/L	1	0.100	<0.000238	108	70 - 130	2	20
Toluene		1	0.109	mg/L	1	0.100	<0.000181	109	70 - 130	3	20
Ethylbenzene		1	0.103	mg/L	1	0.100	<0.000247	103	70 - 130	3	20
Xylene		1	0.311	mg/L	1	0.300	<0.000189	104	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)	0.0983	0.0969	mg/L	1	0.1	98	97	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0983	0.0970	mg/L	1	0.1	98	97	70 - 130

Calibration Standards

Standard (CCV-2)

QC Batch: 112212

Date Analyzed: 2014-05-23

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	2014-05-23
Toluene		1	mg/L	0.100	0.104	104	80 - 120	2014-05-23
Ethylbenzene		1	mg/L	0.100	0.0987	99	80 - 120	2014-05-23
Xylene		1	mg/L	0.300	0.299	100	80 - 120	2014-05-23

Standard (CCV-3)

QC Batch: 112212

Date Analyzed: 2014-05-23

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	2014-05-23
Toluene		1	mg/L	0.100	0.105	105	80 - 120	2014-05-23
Ethylbenzene		1	mg/L	0.100	0.0992	99	80 - 120	2014-05-23
Xylene		1	mg/L	0.300	0.300	100	80 - 120	2014-05-23

Standard (CCV-2)

QC Batch: 112229

Date Analyzed: 2014-05-23

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	0.100	100	80 - 120	2014-05-23
Toluene		1	mg/L	0.100	0.101	101	80 - 120	2014-05-23
Ethylbenzene		1	mg/L	0.100	0.0960	96	80 - 120	2014-05-23
Xylene		1	mg/L	0.300	0.288	96	80 - 120	2014-05-23

Report Date: May 23, 2014
NM-2016

Work Order: 14052103
TNM SPS-11

Page Number: 23 of 25
West of Hobbs, NM

Standard (CCV-3)

QC Batch: 112229

Date Analyzed: 2014-05-23

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	0.0999	100	80 - 120	2014-05-23
Toluene		1	mg/L	0.100	0.0997	100	80 - 120	2014-05-23
Ethylbenzene		1	mg/L	0.100	0.0943	94	80 - 120	2014-05-23
Xylene		1	mg/L	0.300	0.284	95	80 - 120	2014-05-23

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	T104704392-13-7	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 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 23, 2014
NM-2016

Work Order: 14052103
TNM SPS-11

Page Number: 25 of 25
West of Hobbs, NM

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

TraceAnalysis, Inc.

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

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

email: lab@traceanalysis.com

Company Name:	NOVA	Phone #:	(432) 520-7720
Address:	2057 Commerce	Fax #:	
Contact Person:	Christ Straubert	E-mail:	
Invoice to:			
(If different from above)	Fluor		
Project #:	NM-2016	Project Name:	SPS-11
Project Location (including state):		Sampler Signature:	N

ANALYSIS REQUEST

(Circle or Specify Method No.)

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
33485	MW 33	3	VOA	X				X					X	5/22/14	800
486	MW 34														806
487	MW 36														817
488	MW 37														823
489	MW 38														840
490	MW 39														856
491	MW 40														911
492	MW 6														933
493	MW 24														950
494	MW 12														1021
495	MW 35														1037

2057 Commerce Midland

Contact Person: Curt Stanley

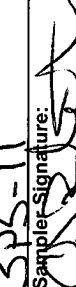
Invoice to: Plains

(If different from above)

Project #: NM-2016

Project Location (including state):

Project Name: SPS-11

Sample Signature: 

E-mail:

LAB USE ONLY

REMARKS: Neck and eye

[illegible]

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

ORIGINAL COPY

TraceAnalysis, Inc.6701 Aberdeen Avenue, Suite 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-12965002 Basin Street, Suite A1
Midland, Texas 79703
Tel (432) 689-6301
Fax (432) 689-6313200 East Sunset Rd., Suite E
El Paso, Texas 79922
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443BioAquatic Testing
2501 Mayes Rd., Ste 100
Carrollton, Texas 75006
Tel (972) 242-7750
Fax (575) 392-7561
Brandon & Clark
3403 Industrial Blvd.
Hobbs, NM 88240
Tel (575) 392-7561
Fax (575) 392-4508

email: lab@traceanalysis.com

Company Name: NOVA Phone #: (432) 530-7720Address: 2057 Commerce Midland

Fax #:

Contact Person: Ort Stanley

E-mail:

Invoice to:

(If different from above)

Project #:

Project Location (including state): NM 2016

Project Name:

Sampler Signature: [Signature]

Project Location (including state):

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX			PRESERVATIVE METHOD					SAMPLING	
				WATER	AIR	SLUDGE	HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE	DATE	TIME
496	mw15	3	30A	X			X			X		5/20/14	1146
497	mw16											1212	
498	mw18											1230	
499	mw17											1255	
500	mw10											1313	
501	mw9											1346	
502	mw28											1402	
503	mw29											1420	
504	mw26											1436	
505	mw32											1450	
506	mw14											1504	

Relinquished by: <u>[Signature]</u>	Company: <u>NOVA</u>	Date: <u>5/14/14</u>	Time: <u>839</u>	Received by: <u>[Signature]</u>	Company: <u>TH</u>	Date: <u>5/21/14</u>	Time: <u>839</u>	INST: <u>588</u>	OBS: <u>888</u>	COR: <u>888</u>
Relinquished by: <u>[Signature]</u>	Company: <u>NOVA</u>	Date: <u>5/14/14</u>	Time: <u>839</u>	Received by: <u>[Signature]</u>	Company: <u>TH</u>	Date: <u>5/21/14</u>	Time: <u>839</u>	INST: <u>588</u>	OBS: <u>888</u>	COR: <u>888</u>
Relinquished by: <u>[Signature]</u>	Company: <u>NOVA</u>	Date: <u>5/14/14</u>	Time: <u>839</u>	Received by: <u>[Signature]</u>	Company: <u>TH</u>	Date: <u>5/21/14</u>	Time: <u>839</u>	INST: <u>588</u>	OBS: <u>888</u>	COR: <u>888</u>

REMARKS:

LAB USE ONLY

ONLY

Intact Y / N

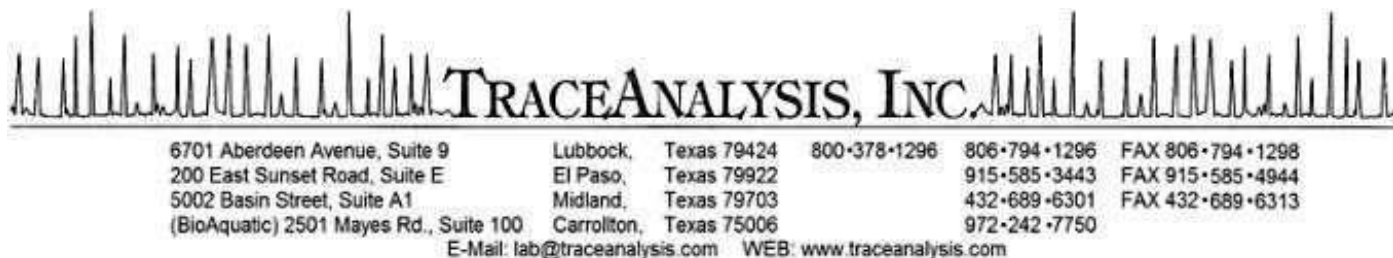
Headspace Y / N / NA

☐ 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

Carrier # Carry



Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

(Corrected Report)

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

Report Date: September 2, 2014

Work Order: 14082001



Project Location: North of Hobbs, Lea Co., NM
 Project Name: SPS 11
 Project Number: TNM-SPS-11

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
372239	MW-12	water	2014-08-19	10:42	2014-08-20
372240	MW-15	water	2014-08-19	11:00	2014-08-20
372241	MW-33	water	2014-08-19	11:30	2014-08-20
372242	MW-34	water	2014-08-19	11:45	2014-08-20
372243	MW-36	water	2014-08-19	12:00	2014-08-20
372244	MW-37	water	2014-08-19	12:22	2014-08-20
372245	MW-38	water	2014-08-19	12:36	2014-08-20
372246	MW-39	water	2014-08-19	12:56	2014-08-20
372247	MW-40	water	2014-08-19	13:18	2014-08-20
372248	MW-6	water	2014-08-19	13:40	2014-08-20
372249	MW-35	water	2014-08-19	14:03	2014-08-20
372250	MW-16	water	2014-08-19	14:19	2014-08-20
372251	MW-10	water	2014-08-19	14:55	2014-08-20
372252	MW-17	water	2014-08-19	15:10	2014-08-20
372253	MW-9	water	2014-08-19	15:30	2014-08-20
372254	MW-28	water	2014-08-19	15:50	2014-08-20

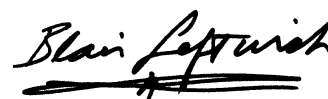
Sample	Description	Matrix	Date Taken	Time Taken	Date Received
372255	MW-26	water	2014-08-19	16:00	2014-08-20
372256	MW-29	water	2014-08-19	16:15	2014-08-20
372257	MW-32	water	2014-08-19	16:35	2014-08-20
372258	MW-14	water	2014-08-19	17:00	2014-08-20

Report Corrections (Work Order 14082001)

- 9/2/14: Reran BTEX on sample 372250.

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 27 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.



Dr. Blair Leftwich, Director
James Taylor, Assistant Director
Brian Pellam, Operations Manager

Report Contents

Case Narrative	5
Analytical Report	6
Sample 372239 (MW-12)	6
Sample 372240 (MW-15)	6
Sample 372241 (MW-33)	6
Sample 372242 (MW-34)	7
Sample 372243 (MW-36)	7
Sample 372244 (MW-37)	8
Sample 372245 (MW-38)	8
Sample 372246 (MW-39)	9
Sample 372247 (MW-40)	9
Sample 372248 (MW-6)	10
Sample 372249 (MW-35)	10
Sample 372250 (MW-16)	11
Sample 372251 (MW-10)	11
Sample 372252 (MW-17)	12
Sample 372253 (MW-9)	12
Sample 372254 (MW-28)	13
Sample 372255 (MW-26)	13
Sample 372256 (MW-29)	14
Sample 372257 (MW-32)	14
Sample 372258 (MW-14)	15
Method Blanks	16
QC Batch 114796 - Method Blank (1)	16
QC Batch 114811 - Method Blank (1)	16
QC Batch 114903 - Method Blank (1)	16
QC Batch 115101 - Method Blank (1)	17
Laboratory Control Spikes	18
QC Batch 114796 - LCS (1)	18
QC Batch 114811 - LCS (1)	18
QC Batch 114903 - LCS (1)	19
QC Batch 115101 - LCS (1)	19
Matrix Spikes	21
QC Batch 114796 - MS (1)	21
QC Batch 114811 - MS (1)	21
QC Batch 114903 - MS (1)	22
Calibration Standards	23
QC Batch 114796 - CCV (1)	23
QC Batch 114796 - CCV (2)	23
QC Batch 114811 - CCV (1)	23
QC Batch 114811 - CCV (2)	23

QC Batch 114811 - CCV (3)	24
QC Batch 114903 - CCV (1)	24
QC Batch 114903 - CCV (2)	24
QC Batch 115101 - CCV (1)	25
QC Batch 115101 - CCV (2)	25

Appendix	26
Report Definitions	26
Laboratory Certifications	26
Standard Flags	26
Attachments	27

Case Narrative

Samples for project SPS 11 were received by TraceAnalysis, Inc. on 2014-08-20 and assigned to work order 14082001. Samples for work order 14082001 were received intact without headspace and at a temperature of 4.8 C.

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

Test	Method	Prep Batch	Prep Date	QC Batch	Analysis Date
BTEX	S 8021B	97080	2014-08-21 at 15:26	114796	2014-08-21 at 15:26
BTEX	S 8021B	97091	2014-08-21 at 15:32	114811	2014-08-21 at 15:32
BTEX	S 8021B	97170	2014-08-25 at 15:07	114903	2014-08-25 at 15:07
BTEX	S 8021B	97314	2014-08-31 at 13:15	115101	2014-08-31 at 13:15

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 14082001 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: 372239 - MW-12

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 114811
Prep Batch: 97091

Analytical Method: S 8021B
Date Analyzed: 2014-08-21
Sample Preparation: 2014-08-21

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

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.105	mg/L	1	0.100	105	75.4 - 120
4-Bromofluorobenzene (4-BFB)		5	0.0886	mg/L	1	0.100	89	74.6 - 120

Sample: 372240 - MW-15

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 114811
Prep Batch: 97091

Analytical Method: S 8021B
Date Analyzed: 2014-08-21
Sample Preparation: 2014-08-21

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

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.104	mg/L	1	0.100	104	75.4 - 120
4-Bromofluorobenzene (4-BFB)		5	0.0939	mg/L	1	0.100	94	74.6 - 120

Report Date: September 2, 2014
TNM-SPS-11

Work Order: 14082001
SPS 11

Page Number: 7 of 27
North of Hobbs, Lea Co., NM

Sample: 372241 - MW-33

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 114811

Prep Batch: 97091

Analytical Method: S 8021B

Date Analyzed: 2014-08-21

Sample Preparation: 2014-08-21

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.104	mg/L	1	0.100	104	75.4 - 120
4-Bromofluorobenzene (4-BFB)		5	0.0920	mg/L	1	0.100	92	74.6 - 120

Sample: 372242 - MW-34

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 114811

Prep Batch: 97091

Analytical Method: S 8021B

Date Analyzed: 2014-08-21

Sample Preparation: 2014-08-21

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.103	mg/L	1	0.100	103	75.4 - 120
4-Bromofluorobenzene (4-BFB)		5	0.0921	mg/L	1	0.100	92	74.6 - 120

Report Date: September 2, 2014
TNM-SPS-11

Work Order: 14082001
SPS 11

Page Number: 8 of 27
North of Hobbs, Lea Co., NM

Sample: 372243 - MW-36

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 114811

Prep Batch: 97091

Analytical Method: S 8021B

Date Analyzed: 2014-08-21

Sample Preparation: 2014-08-21

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.104	mg/L	1	0.100	104	75.4 - 120
4-Bromofluorobenzene (4-BFB)		5	0.0954	mg/L	1	0.100	95	74.6 - 120

Sample: 372244 - MW-37

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 114811

Prep Batch: 97091

Analytical Method: S 8021B

Date Analyzed: 2014-08-21

Sample Preparation: 2014-08-21

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.107	mg/L	1	0.100	107	75.4 - 120
4-Bromofluorobenzene (4-BFB)		5	0.0959	mg/L	1	0.100	96	74.6 - 120

Report Date: September 2, 2014
TNM-SPS-11

Work Order: 14082001
SPS 11

Page Number: 9 of 27
North of Hobbs, Lea Co., NM

Sample: 372245 - MW-38

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 114811

Prep Batch: 97091

Analytical Method: S 8021B

Date Analyzed: 2014-08-21

Sample Preparation: 2014-08-21

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.110	mg/L	1	0.100	110	75.4 - 120
4-Bromofluorobenzene (4-BFB)		5	0.0976	mg/L	1	0.100	98	74.6 - 120

Sample: 372246 - MW-39

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 114811

Prep Batch: 97091

Analytical Method: S 8021B

Date Analyzed: 2014-08-21

Sample Preparation: 2014-08-21

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.108	mg/L	1	0.100	108	75.4 - 120
4-Bromofluorobenzene (4-BFB)		5	0.0983	mg/L	1	0.100	98	74.6 - 120

Report Date: September 2, 2014
TNM-SPS-11

Work Order: 14082001
SPS 11

Page Number: 10 of 27
North of Hobbs, Lea Co., NM

Sample: 372247 - MW-40

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 114811

Prep Batch: 97091

Analytical Method: S 8021B

Date Analyzed: 2014-08-21

Sample Preparation: 2014-08-21

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.104	mg/L	1	0.100	104	75.4 - 120
4-Bromofluorobenzene (4-BFB)		5	0.0934	mg/L	1	0.100	93	74.6 - 120

Sample: 372248 - MW-6

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 114811

Prep Batch: 97091

Analytical Method: S 8021B

Date Analyzed: 2014-08-21

Sample Preparation: 2014-08-21

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.103	mg/L	1	0.100	103	75.4 - 120
4-Bromofluorobenzene (4-BFB)		5	0.0929	mg/L	1	0.100	93	74.6 - 120

Report Date: September 2, 2014
TNM-SPS-11

Work Order: 14082001
SPS 11

Page Number: 11 of 27
North of Hobbs, Lea Co., NM

Sample: 372249 - MW-35

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 114811

Prep Batch: 97091

Analytical Method: S 8021B

Date Analyzed: 2014-08-21

Sample Preparation: 2014-08-21

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	U	1,2,3,4,5	0.00430	mg/L	1	0.00100
Toluene		1,2,3,4,5	<0.00100	mg/L	1	0.00100
Ethylbenzene		1,2,3,4,5	0.00250	mg/L	1	0.00100
Xylene		1,2,3,4,5	0.00460	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.113	mg/L	1	0.100	113	75.4 - 120
4-Bromofluorobenzene (4-BFB)		5	0.120	mg/L	1	0.100	120	74.6 - 120

Sample: 372250 - MW-16

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 115101

Prep Batch: 97314

Analytical Method: S 8021B

Date Analyzed: 2014-08-31

Sample Preparation: 2014-08-31

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1,2,3,4,5	0.181	mg/L	1	0.00100
Toluene		1,2,3,4,5	0.221	mg/L	1	0.00100
Ethylbenzene		1,2,3,4,5	0.0390	mg/L	1	0.00100
Xylene		1,2,3,4,5	0.0649	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.0920	mg/L	1	0.100	92	70 - 130
4-Bromofluorobenzene (4-BFB)		5	0.0879	mg/L	1	0.100	88	70 - 130

Report Date: September 2, 2014
TNM-SPS-11

Work Order: 14082001
SPS 11

Page Number: 12 of 27
North of Hobbs, Lea Co., NM

Sample: 372251 - MW-10

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 114811

Prep Batch: 97091

Analytical Method: S 8021B

Date Analyzed: 2014-08-21

Sample Preparation: 2014-08-21

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1,2,3,4,5	0.00840	mg/L	1	0.00100
Toluene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Ethylbenzene		1,2,3,4,5	0.0189	mg/L	1	0.00100
Xylene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.103	mg/L	1	0.100	103	75.4 - 120
4-Bromofluorobenzene (4-BFB)		5	0.105	mg/L	1	0.100	105	74.6 - 120

Sample: 372252 - MW-17

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 114903

Prep Batch: 97170

Analytical Method: S 8021B

Date Analyzed: 2014-08-25

Sample Preparation: 2014-08-25

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1,2,3,4,5	0.0114	mg/L	1	0.00100
Toluene		1,2,3,4,5	0.00420	mg/L	1	0.00100
Ethylbenzene		1,2,3,4,5	0.00130	mg/L	1	0.00100
Xylene		1,2,3,4,5	0.00940	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.0947	mg/L	1	0.100	95	70 - 130
4-Bromofluorobenzene (4-BFB)		5	0.0883	mg/L	1	0.100	88	70 - 130

Report Date: September 2, 2014
TNM-SPS-11

Work Order: 14082001
SPS 11

Page Number: 13 of 27
North of Hobbs, Lea Co., NM

Sample: 372253 - MW-9

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 114811

Prep Batch: 97091

Analytical Method: S 8021B

Date Analyzed: 2014-08-21

Sample Preparation: 2014-08-21

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1,2,3,4,5	0.0428	mg/L	1	0.00100
Toluene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Xylene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.106	mg/L	1	0.100	106	75.4 - 120
4-Bromofluorobenzene (4-BFB)		5	0.105	mg/L	1	0.100	105	74.6 - 120

Sample: 372254 - MW-28

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 114796

Prep Batch: 97080

Analytical Method: S 8021B

Date Analyzed: 2014-08-21

Sample Preparation: 2014-08-21

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1,2,3,4,5	0.243	mg/L	1	0.00100
Toluene	U	1,2,3,4,5	<0.00100	mg/L	1	0.00100
Ethylbenzene		1,2,3,4,5	0.0772	mg/L	1	0.00100
Xylene		1,2,3,4,5	0.00720	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.0997	mg/L	1	0.100	100	70 - 130
4-Bromofluorobenzene (4-BFB)		5	0.103	mg/L	1	0.100	103	70 - 130

Report Date: September 2, 2014
TNM-SPS-11

Work Order: 14082001
SPS 11

Page Number: 14 of 27
North of Hobbs, Lea Co., NM

Sample: 372255 - MW-26

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 114796

Prep Batch: 97080

Analytical Method: S 8021B

Date Analyzed: 2014-08-21

Sample Preparation: 2014-08-21

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1,2,3,4,5	0.262	mg/L	1	0.00100
Toluene		1,2,3,4,5	0.0499	mg/L	1	0.00100
Ethylbenzene		1,2,3,4,5	0.0852	mg/L	1	0.00100
Xylene		1,2,3,4,5	0.0392	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.102	mg/L	1	0.100	102	70 - 130
4-Bromofluorobenzene (4-BFB)		5	0.102	mg/L	1	0.100	102	70 - 130

Sample: 372256 - MW-29

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 114796

Prep Batch: 97080

Analytical Method: S 8021B

Date Analyzed: 2014-08-21

Sample Preparation: 2014-08-21

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1,2,3,4,5	0.272	mg/L	1	0.00100
Toluene		1,2,3,4,5	<0.00100	mg/L	1	0.00100
Ethylbenzene		1,2,3,4,5	0.00260	mg/L	1	0.00100
Xylene		1,2,3,4,5	0.00210	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.0988	mg/L	1	0.100	99	70 - 130
4-Bromofluorobenzene (4-BFB)		5	0.111	mg/L	1	0.100	111	70 - 130

Report Date: September 2, 2014
TNM-SPS-11

Work Order: 14082001
SPS 11

Page Number: 15 of 27
North of Hobbs, Lea Co., NM

Sample: 372257 - MW-32

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 114903

Prep Batch: 97170

Analytical Method: S 8021B

Date Analyzed: 2014-08-25

Sample Preparation: 2014-08-25

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1,2,3,4,5	1.01	mg/L	50	0.00100
Toluene		1,2,3,4,5	<0.0500	mg/L	50	0.00100
Ethylbenzene		1,2,3,4,5	0.0761	mg/L	50	0.00100
Xylene		1,2,3,4,5	<0.0500	mg/L	50	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	4.81	mg/L	50	5.00	96	70 - 130
4-Bromofluorobenzene (4-BFB)		5	4.42	mg/L	50	5.00	88	70 - 130

Sample: 372258 - MW-14

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 114796

Prep Batch: 97080

Analytical Method: S 8021B

Date Analyzed: 2014-08-21

Sample Preparation: 2014-08-21

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1,2,3,4,5	2.34	mg/L	50	0.00100
Toluene	U	1,2,3,4,5	<0.0500	mg/L	50	0.00100
Ethylbenzene	U	1,2,3,4,5	<0.0500	mg/L	50	0.00100
Xylene	U	1,2,3,4,5	<0.0500	mg/L	50	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	5.05	mg/L	50	5.00	101	70 - 130
4-Bromofluorobenzene (4-BFB)		5	4.68	mg/L	50	5.00	94	70 - 130

Method Blanks

Method Blank (1) QC Batch: 114796

QC Batch: 114796
Prep Batch: 97080

Date Analyzed: 2014-08-21
QC Preparation: 2014-08-21

Analyzed By: JS
Prepared By: JS

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.102	mg/L	1	0.100	102	70 - 130
4-Bromofluorobenzene (4-BFB)		5	0.0927	mg/L	1	0.100	93	70 - 130

Method Blank (1) QC Batch: 114811

QC Batch: 114811
Prep Batch: 97091

Date Analyzed: 2014-08-21
QC Preparation: 2014-08-21

Analyzed By: MT
Prepared By: MT

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1,2,3,4,5	<0.000188	mg/L	0.001
Toluene		1,2,3,4,5	<0.000160	mg/L	0.001
Ethylbenzene		1,2,3,4,5	<0.000119	mg/L	0.001
Xylene		1,2,3,4,5	<0.000142	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.109	mg/L	1	0.100	109	75.4 - 120
4-Bromofluorobenzene (4-BFB)		5	0.0952	mg/L	1	0.100	95	74.6 - 120

Method Blank (1) QC Batch: 114903

QC Batch: 114903
Prep Batch: 97170

Date Analyzed: 2014-08-25
QC Preparation: 2014-08-25

Analyzed By: JS
Prepared By: JS

Report Date: September 2, 2014
TNM-SPS-11

Work Order: 14082001
SPS 11

Page Number: 17 of 27
North of Hobbs, Lea Co., NM

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.0958	mg/L	1	0.100	96	70 - 130
4-Bromofluorobenzene (4-BFB)		5	0.0885	mg/L	1	0.100	88	70 - 130

Method Blank (1) QC Batch: 115101

QC Batch: 115101
Prep Batch: 97314

Date Analyzed: 2014-08-31
QC Preparation: 2014-08-31

Analyzed By: MT
Prepared By: MT

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.0903	mg/L	1	0.100	90	70 - 130
4-Bromofluorobenzene (4-BFB)		5	0.0853	mg/L	1	0.100	85	70 - 130

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 114796
Prep Batch: 97080

Date Analyzed: 2014-08-21
QC Preparation: 2014-08-21

Analyzed By: JS
Prepared By: JS

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1,2,3,4,5	0.101	mg/L	1	0.100	<0.000303	101	70 - 130
Toluene		1,2,3,4,5	0.103	mg/L	1	0.100	<0.000303	103	70 - 130
Ethylbenzene		1,2,3,4,5	0.0994	mg/L	1	0.100	<0.000266	99	70 - 130
Xylene		1,2,3,4,5	0.302	mg/L	1	0.300	<0.000265	101	70 - 130

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

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1,2,3,4,5	0.103	mg/L	1	0.100	<0.000303	103	70 - 130	2	20
Toluene		1,2,3,4,5	0.104	mg/L	1	0.100	<0.000303	104	70 - 130	1	20
Ethylbenzene		1,2,3,4,5	0.102	mg/L	1	0.100	<0.000266	102	70 - 130	3	20
Xylene		1,2,3,4,5	0.310	mg/L	1	0.300	<0.000265	103	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)	5	0.103	0.102	mg/L	1	0.100	103	102	70 - 130
4-Bromofluorobenzene (4-BFB)	5	0.0945	0.0961	mg/L	1	0.100	94	96	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 114811
Prep Batch: 97091

Date Analyzed: 2014-08-21
QC Preparation: 2014-08-21

Analyzed By: MT
Prepared By: MT

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1,2,3,4,5	0.100	mg/L	1	0.100	<0.000188	100	74.3 - 120
Toluene		1,2,3,4,5	0.101	mg/L	1	0.100	<0.000160	101	77.6 - 120
Ethylbenzene		1,2,3,4,5	0.101	mg/L	1	0.100	<0.000119	101	78.5 - 120
Xylene		1,2,3,4,5	0.287	mg/L	1	0.300	<0.000142	96	77.6 - 120

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

Report Date: September 2, 2014
TNM-SPS-11

Work Order: 14082001
SPS 11

Page Number: 19 of 27
North of Hobbs, Lea Co., NM

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1,2,3,4,5	0.102	mg/L	1	0.100	<0.000188	102	74.3 - 120	2	20
Toluene		1,2,3,4,5	0.103	mg/L	1	0.100	<0.000160	103	77.6 - 120	2	20
Ethylbenzene		1,2,3,4,5	0.103	mg/L	1	0.100	<0.000119	103	78.5 - 120	2	20
Xylene		1,2,3,4,5	0.294	mg/L	1	0.300	<0.000142	98	77.6 - 120	2	20

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

Surrogate			LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)		5	0.101	0.105	mg/L	1	0.100	101	105	75.4 - 120
4-Bromofluorobenzene (4-BFB)		5	0.105	0.109	mg/L	1	0.100	105	109	74.6 - 120

Laboratory Control Spike (LCS-1)

QC Batch: 114903
Prep Batch: 97170

Date Analyzed: 2014-08-25
QC Preparation: 2014-08-25

Analyzed By: JS
Prepared By: JS

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1,2,3,4,5	0.100	mg/L	1	0.100	<0.000303	100	70 - 130
Toluene		1,2,3,4,5	0.0993	mg/L	1	0.100	<0.000303	99	70 - 130
Ethylbenzene		1,2,3,4,5	0.0968	mg/L	1	0.100	<0.000266	97	70 - 130
Xylene		1,2,3,4,5	0.295	mg/L	1	0.300	<0.000265	98	70 - 130

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

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1,2,3,4,5	0.101	mg/L	1	0.100	<0.000303	101	70 - 130	1	20
Toluene		1,2,3,4,5	0.0993	mg/L	1	0.100	<0.000303	99	70 - 130	0	20
Ethylbenzene		1,2,3,4,5	0.0965	mg/L	1	0.100	<0.000266	96	70 - 130	0	20
Xylene		1,2,3,4,5	0.294	mg/L	1	0.300	<0.000265	98	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)		5	0.0968	0.0985	mg/L	1	0.100	97	98	70 - 130
4-Bromofluorobenzene (4-BFB)		5	0.0920	0.0907	mg/L	1	0.100	92	91	70 - 130

Report Date: September 2, 2014
TNM-SPS-11

Work Order: 14082001
SPS 11

Page Number: 20 of 27
North of Hobbs, Lea Co., NM

Laboratory Control Spike (LCS-1)

QC Batch: 115101
Prep Batch: 97314

Date Analyzed: 2014-08-31
QC Preparation: 2014-08-31

Analyzed By: MT
Prepared By: MT

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1,2,3,4,5	0.0951	mg/L	1	0.100	<0.000303	95	70 - 130
Toluene		1,2,3,4,5	0.0966	mg/L	1	0.100	<0.000303	97	70 - 130
Ethylbenzene		1,2,3,4,5	0.0938	mg/L	1	0.100	<0.000266	94	70 - 130
Xylene		1,2,3,4,5	0.285	mg/L	1	0.300	<0.000265	95	70 - 130

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

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1,2,3,4,5	0.0941	mg/L	1	0.100	<0.000303	94	70 - 130	1	20
Toluene		1,2,3,4,5	0.0963	mg/L	1	0.100	<0.000303	96	70 - 130	0	20
Ethylbenzene		1,2,3,4,5	0.0933	mg/L	1	0.100	<0.000266	93	70 - 130	0	20
Xylene		1,2,3,4,5	0.284	mg/L	1	0.300	<0.000265	95	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)	5	0.0922	0.0924	mg/L	1	0.100	92	92	70 - 130
4-Bromofluorobenzene (4-BFB)	5	0.0896	0.0884	mg/L	1	0.100	90	88	70 - 130

Matrix Spikes

Matrix Spike (MS-1) Spiked Sample: 372297

QC Batch: 114796
Prep Batch: 97080

Date Analyzed: 2014-08-21
QC Preparation: 2014-08-21

Analyzed By: JS
Prepared By: JS

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1,2,3,4,5	0.101	mg/L	1	0.100	<0.000303	101	70 - 130
Toluene		1,2,3,4,5	0.103	mg/L	1	0.100	<0.000303	103	70 - 130
Ethylbenzene		1,2,3,4,5	0.0997	mg/L	1	0.100	<0.000266	100	70 - 130
Xylene		1,2,3,4,5	0.303	mg/L	1	0.300	0.0007	101	70 - 130

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

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1,2,3,4,5	0.104	mg/L	1	0.100	<0.000303	104	70 - 130	3	20
Toluene		1,2,3,4,5	0.106	mg/L	1	0.100	<0.000303	106	70 - 130	3	20
Ethylbenzene		1,2,3,4,5	0.103	mg/L	1	0.100	<0.000266	103	70 - 130	3	20
Xylene		1,2,3,4,5	0.313	mg/L	1	0.300	0.0007	104	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)	5	0.100	0.100	mg/L	1	0.1	100	100	70 - 130
4-Bromofluorobenzene (4-BFB)	5	0.0946	0.0950	mg/L	1	0.1	95	95	70 - 130

Matrix Spike (MS-1) Spiked Sample: 372239

QC Batch: 114811
Prep Batch: 97091

Date Analyzed: 2014-08-21
QC Preparation: 2014-08-21

Analyzed By: MT
Prepared By: MT

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1,2,3,4,5	0.0885	mg/L	1	0.100	<0.000188	88	50.2 - 129
Toluene		1,2,3,4,5	0.0867	mg/L	1	0.100	<0.000160	87	58.1 - 129
Ethylbenzene		1,2,3,4,5	0.0877	mg/L	1	0.100	<0.000119	88	58.1 - 127
Xylene		1,2,3,4,5	0.247	mg/L	1	0.300	<0.000142	82	53.1 - 128

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

Report Date: September 2, 2014
TNM-SPS-11

Work Order: 14082001
SPS 11

Page Number: 22 of 27
North of Hobbs, Lea Co., NM

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1,2,3,4,5	0.0888	mg/L	1	0.100	<0.000188	89	50.2 - 129	0	20
Toluene		1,2,3,4,5	0.0870	mg/L	1	0.100	<0.000160	87	58.1 - 129	0	20
Ethylbenzene		1,2,3,4,5	0.0876	mg/L	1	0.100	<0.000119	88	58.1 - 127	0	20
Xylene		1,2,3,4,5	0.247	mg/L	1	0.300	<0.000142	82	53.1 - 128	0	20

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

Surrogate		MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	5	0.109	0.105	mg/L	1	0.1	109	105	75.4 - 120
4-Bromofluorobenzene (4-BFB)	5	0.111	0.106	mg/L	1	0.1	111	106	74.6 - 120

Matrix Spike (MS-1) Spiked Sample: 372257

QC Batch: 114903
Prep Batch: 97170

Date Analyzed: 2014-08-25
QC Preparation: 2014-08-25

Analyzed By: JS
Prepared By: JS

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1,2,3,4,5	6.03	mg/L	50	5.00	1.01	100	70 - 130
Toluene		1,2,3,4,5	4.94	mg/L	50	5.00	0.0263	98	70 - 130
Ethylbenzene		1,2,3,4,5	4.88	mg/L	50	5.00	0.0761	96	70 - 130
Xylene		1,2,3,4,5	14.7	mg/L	50	15.0	0.037	98	70 - 130

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

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1,2,3,4,5	5.91	mg/L	50	5.00	1.01	98	70 - 130	2	20
Toluene		1,2,3,4,5	4.92	mg/L	50	5.00	0.0263	98	70 - 130	0	20
Ethylbenzene		1,2,3,4,5	4.86	mg/L	50	5.00	0.0761	96	70 - 130	0	20
Xylene		1,2,3,4,5	14.6	mg/L	50	15.0	0.037	97	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)	5	4.88	4.85	mg/L	50	5	98	97	70 - 130
4-Bromofluorobenzene (4-BFB)	5	4.55	4.55	mg/L	50	5	91	91	70 - 130

Calibration Standards

Standard (CCV-1)

QC Batch: 114796

Date Analyzed: 2014-08-21

Analyzed By: JS

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,3,4,5	mg/L	0.100	0.102	102	80 - 120	2014-08-21
Toluene		1,2,3,4,5	mg/L	0.100	0.103	103	80 - 120	2014-08-21
Ethylbenzene		1,2,3,4,5	mg/L	0.100	0.101	101	80 - 120	2014-08-21
Xylene		1,2,3,4,5	mg/L	0.300	0.306	102	80 - 120	2014-08-21

Standard (CCV-2)

QC Batch: 114796

Date Analyzed: 2014-08-21

Analyzed By: JS

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,3,4,5	mg/L	0.100	0.101	101	80 - 120	2014-08-21
Toluene		1,2,3,4,5	mg/L	0.100	0.102	102	80 - 120	2014-08-21
Ethylbenzene		1,2,3,4,5	mg/L	0.100	0.0998	100	80 - 120	2014-08-21
Xylene		1,2,3,4,5	mg/L	0.300	0.303	101	80 - 120	2014-08-21

Standard (CCV-1)

QC Batch: 114811

Date Analyzed: 2014-08-21

Analyzed By: MT

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,3,4,5	mg/L	0.100	0.0995	100	80 - 120	2014-08-21
Toluene		1,2,3,4,5	mg/L	0.100	0.0998	100	80 - 120	2014-08-21
Ethylbenzene		1,2,3,4,5	mg/L	0.100	0.101	101	80 - 120	2014-08-21
Xylene		1,2,3,4,5	mg/L	0.300	0.285	95	80 - 120	2014-08-21

Report Date: September 2, 2014
TNM-SPS-11

Work Order: 14082001
SPS 11

Page Number: 24 of 27
North of Hobbs, Lea Co., NM

Standard (CCV-2)

QC Batch: 114811

Date Analyzed: 2014-08-21

Analyzed By: MT

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,3,4,5	mg/L	0.100	0.101	101	80 - 120	2014-08-21
Toluene		1,2,3,4,5	mg/L	0.100	0.102	102	80 - 120	2014-08-21
Ethylbenzene		1,2,3,4,5	mg/L	0.100	0.103	103	80 - 120	2014-08-21
Xylene		1,2,3,4,5	mg/L	0.300	0.292	97	80 - 120	2014-08-21

Standard (CCV-3)

QC Batch: 114811

Date Analyzed: 2014-08-21

Analyzed By: MT

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,3,4,5	mg/L	0.100	0.102	102	80 - 120	2014-08-21
Toluene		1,2,3,4,5	mg/L	0.100	0.102	102	80 - 120	2014-08-21
Ethylbenzene		1,2,3,4,5	mg/L	0.100	0.103	103	80 - 120	2014-08-21
Xylene		1,2,3,4,5	mg/L	0.300	0.292	97	80 - 120	2014-08-21

Standard (CCV-1)

QC Batch: 114903

Date Analyzed: 2014-08-25

Analyzed By: JS

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,3,4,5	mg/L	0.100	0.0990	99	80 - 120	2014-08-25
Toluene		1,2,3,4,5	mg/L	0.100	0.101	101	80 - 120	2014-08-25
Ethylbenzene		1,2,3,4,5	mg/L	0.100	0.0982	98	80 - 120	2014-08-25
Xylene		1,2,3,4,5	mg/L	0.300	0.299	100	80 - 120	2014-08-25

Standard (CCV-2)

QC Batch: 114903

Date Analyzed: 2014-08-25

Analyzed By: JS

Report Date: September 2, 2014
TNM-SPS-11

Work Order: 14082001
SPS 11

Page Number: 25 of 27
North of Hobbs, Lea Co., NM

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,3,4,5	mg/L	0.100	0.0986	99	80 - 120	2014-08-25
Toluene		1,2,3,4,5	mg/L	0.100	0.0978	98	80 - 120	2014-08-25
Ethylbenzene		1,2,3,4,5	mg/L	0.100	0.0952	95	80 - 120	2014-08-25
Xylene		1,2,3,4,5	mg/L	0.300	0.290	97	80 - 120	2014-08-25

Standard (CCV-1)

QC Batch: 115101

Date Analyzed: 2014-08-31

Analyzed By: MT

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,3,4,5	mg/L	0.100	0.0973	97	80 - 120	2014-08-31
Toluene		1,2,3,4,5	mg/L	0.100	0.0987	99	80 - 120	2014-08-31
Ethylbenzene		1,2,3,4,5	mg/L	0.100	0.0958	96	80 - 120	2014-08-31
Xylene		1,2,3,4,5	mg/L	0.300	0.294	98	80 - 120	2014-08-31

Standard (CCV-2)

QC Batch: 115101

Date Analyzed: 2014-08-31

Analyzed By: MT

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,3,4,5	mg/L	0.100	0.0970	97	80 - 120	2014-08-31
Toluene		1,2,3,4,5	mg/L	0.100	0.0974	97	80 - 120	2014-08-31
Ethylbenzene		1,2,3,4,5	mg/L	0.100	0.0929	93	80 - 120	2014-08-31
Xylene		1,2,3,4,5	mg/L	0.300	0.281	94	80 - 120	2014-08-31

Appendix

Report Definitions

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

Laboratory Certifications

C	Certifying Authority	Certification Number	Laboratory Location
-	NCTRCA	WFWB384444Y0909	TraceAnalysis
-	DBE	VN 20657	TraceAnalysis
-	HUB	1752439743100-86536	TraceAnalysis
-	WBE	237019	TraceAnalysis
1	PJLA	L14-93	Lubbock
2	Kansas	Kansas E-10317	Lubbock
3	LELAP	LELAP-02003	Lubbock
4	NELAP	T104704219-14-10	Lubbock
5		2013-083	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.

Report Date: September 2, 2014
TNM-SPS-11

Work Order: 14082001
SPS 11

Page Number: 27 of 27
North of Hobbs, Lea Co., NM

F	Description
---	-------------

U	The analyte is not detected above the SDL
---	---

Attachments

The scanned attachments will follow this page.

Please note, each attachment may consist of more than one page.

ORIGINAL COPY

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

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

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

Company Name:	Nova	Phone #:	(432) 520-7720
Address:	2057 Commerce	Fax #:	
Contact Person:	Curt Stanley	E-mail:	
Invoice to:			
(If different from above)	Plains		
Project #:	TNM	Project Name:	SPS-11
Project Location (including state):		Sampler Signature:	

ANALYSIS REQUEST

(Circle or Specify Method No.)

2057 Commerce Midland	Contact Person: Curt Stanley	E-mail:														
Invoice to: Plains	Project Name: SPS-11															
Project #: TMM SPS-11	Sampler Signature: Mand H...															
Project Location (including state):																
LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX			PRESERVATIVE METHOD					SAMPLING		TIME	DATE	Turn Around Time if different from standard
				WATER	SOIL	AIR	SLUDGE	HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE	NONE			
250	mw 16	3	VoA	X				X				X		8/16/14	1429	MTBE 8021 / 602 / 8260 / 624
251	mw 10	1												8/16/14	1455	BTX 8021 / 602 / 8260 / 624
252	mw 17	1												1510		TPH 418.1 / TX1005 / TX1005 Ext(C35)
253	mw 9	1												1530		TPH 8015 GRO / DRO / TVHC
254	mw 28	1												1550		PAH 8270 / 625
255	mw 26	1												1600		Total Metals Ag As Ba Cd Cr Pb Se Hg 6010/200.7
256	mw 29	1												1615		TCLP Metals Ag As Ba Cd Cr Pb Se Hg
257	mw 32	1												1635		TCLP Semi Volatiles
258	mw 14	1												00E1		TCLP Pesticides
																RCI
																GC/MS Vol. 8260 / 624
																GC/MS Semi. Vol. 8270 / 625
																PCB's 8082 / 608
																Pesticides 8081 / 608
																BOD, TSS, pH
																Moisture Content
																Cl, F, SO ₄ , NO ₃ -N, NO ₂ -N, PO ₄ -P, Alkalinity
																Na, Ca, Mg, K, TDS, EC
				</												

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST	LAB USE ONLY
<i>Madoff</i>	Nova	8/20/14	0800	<i>[Signature]</i>	TA	8/20/14	8:00	OBS 49°C COR 48°C	☒ Head ☐ N ☐ N/NA Log-In-Review <i>AD</i>
<i>[Signature]</i>	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST OBS COR	
<i>[Signature]</i>	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST OBS COR	

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



6701 Aberdeen Avenue, Suite 9
200 East Sunset Road, Suite E
5002 Basin Street, Suite A1
(BioAquatic) 2501 Mayes Rd., Suite 100

Lubbock, Texas 79424
El Paso, Texas 79922
Midland, Texas 79703
Carrollton, Texas 75006

800-378-1296

806-794-1296

FAX 806-794-1298

915-585-3443

FAX 915-585-4944

432-689-6301

FAX 432-689-6313

972-242-7750

E-Mail: lab@traceanalysis.com WEB: www.traceanalysis.com

Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

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

Report Date: September 3, 2014

Work Order: 14082909



Project Location: North of Hobbs, Lea Co., NM
Project Name: SPS 11
Project Number: TNM-SPS-11

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
373279	MW 18	water	2014-08-28	12:45	2014-08-29
373280	MW 24	water	2014-08-28	13:10	2014-08-29

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
James Taylor, Assistant Director
Brian Pellam, Operations Manager

Report Contents

Case Narrative	3
Analytical Report	4
Sample 373279 (MW 18)	4
Sample 373280 (MW 24)	4
Method Blanks	5
QC Batch 115112 - Method Blank (1)	5
Laboratory Control Spikes	6
QC Batch 115112 - LCS (1)	6
Matrix Spikes	7
QC Batch 115112 - MS (1)	7
Calibration Standards	8
QC Batch 115112 - CCV (2)	8
QC Batch 115112 - CCV (3)	8
Appendix	9
Report Definitions	9
Laboratory Certifications	9
Standard Flags	9
Attachments	10

Case Narrative

Samples for project SPS 11 were received by TraceAnalysis, Inc. on 2014-08-29 and assigned to work order 14082909. Samples for work order 14082909 were received intact without headspace and at a temperature of 5.5 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	97315	2014-08-31 at 13:15	115112	2014-08-31 at 13:15

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 14082909 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: 373279 - MW 18

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 115112
Prep Batch: 97315

Analytical Method: S 8021B
Date Analyzed: 2014-08-31
Sample Preparation: 2014-08-31

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

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.0905	mg/L	1	0.100	90	70 - 130
4-Bromofluorobenzene (4-BFB)		5	0.0833	mg/L	1	0.100	83	70 - 130

Sample: 373280 - MW 24

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 115112
Prep Batch: 97315

Analytical Method: S 8021B
Date Analyzed: 2014-08-31
Sample Preparation: 2014-08-31

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

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1,2,3,4,5	<0.00100	mg/L	1	0.00100
Toluene		1,2,3,4,5	0.00120	mg/L	1	0.00100
Ethylbenzene		1,2,3,4,5	0.00240	mg/L	1	0.00100
Xylene		1,2,3,4,5	0.00410	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.0925	mg/L	1	0.100	92	70 - 130
4-Bromofluorobenzene (4-BFB)		5	0.0840	mg/L	1	0.100	84	70 - 130

Method Blanks

Method Blank (1) QC Batch: 115112

QC Batch: 115112
Prep Batch: 97315

Date Analyzed: 2014-08-31
QC Preparation: 2014-08-31

Analyzed By: MT
Prepared By: MT

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.0914	mg/L	1	0.100	91	70 - 130
4-Bromofluorobenzene (4-BFB)		5	0.0823	mg/L	1	0.100	82	70 - 130

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 115112
Prep Batch: 97315

Date Analyzed: 2014-08-31
QC Preparation: 2014-08-31

Analyzed By: MT
Prepared By: MT

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1,2,3,4,5	0.0930	mg/L	1	0.100	<0.000303	93	70 - 130
Toluene		1,2,3,4,5	0.0936	mg/L	1	0.100	<0.000303	94	70 - 130
Ethylbenzene		1,2,3,4,5	0.0905	mg/L	1	0.100	<0.000266	90	70 - 130
Xylene		1,2,3,4,5	0.276	mg/L	1	0.300	<0.000265	92	70 - 130

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

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1,2,3,4,5	0.0968	mg/L	1	0.100	<0.000303	97	70 - 130	4	20
Toluene		1,2,3,4,5	0.0963	mg/L	1	0.100	<0.000303	96	70 - 130	3	20
Ethylbenzene		1,2,3,4,5	0.0927	mg/L	1	0.100	<0.000266	93	70 - 130	2	20
Xylene		1,2,3,4,5	0.282	mg/L	1	0.300	<0.000265	94	70 - 130	2	20

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

Surrogate		LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	5	0.0908	0.0932	mg/L	1	0.100	91	93	70 - 130
4-Bromofluorobenzene (4-BFB)	5	0.0862	0.0862	mg/L	1	0.100	86	86	70 - 130

Matrix Spikes

Matrix Spike (MS-1) Spiked Sample: 373280

QC Batch: 115112
Prep Batch: 97315

Date Analyzed: 2014-08-31
QC Preparation: 2014-08-31

Analyzed By: MT
Prepared By: MT

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1,2,3,4,5	0.0956	mg/L	1	0.100	0.0006	95	70 - 130
Toluene		1,2,3,4,5	0.0954	mg/L	1	0.100	0.0012	94	70 - 130
Ethylbenzene		1,2,3,4,5	0.0927	mg/L	1	0.100	0.0024	90	70 - 130
Xylene		1,2,3,4,5	0.279	mg/L	1	0.300	0.0041	92	70 - 130

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

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1,2,3,4,5	0.0896	mg/L	1	0.100	0.0006	89	70 - 130	6	20
Toluene		1,2,3,4,5	0.0893	mg/L	1	0.100	0.0012	88	70 - 130	7	20
Ethylbenzene		1,2,3,4,5	0.0868	mg/L	1	0.100	0.0024	84	70 - 130	7	20
Xylene		1,2,3,4,5	0.262	mg/L	1	0.300	0.0041	86	70 - 130	6	20

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

Surrogate		MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	5	0.0924	0.0929	mg/L	1	0.1	92	93	70 - 130
4-Bromofluorobenzene (4-BFB)	5	0.0873	0.0881	mg/L	1	0.1	87	88	70 - 130

Calibration Standards

Standard (CCV-2)

QC Batch: 115112

Date Analyzed: 2014-08-31

Analyzed By: MT

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,3,4,5	mg/L	0.100	0.0947	95	80 - 120	2014-08-31
Toluene		1,2,3,4,5	mg/L	0.100	0.0942	94	80 - 120	2014-08-31
Ethylbenzene		1,2,3,4,5	mg/L	0.100	0.0910	91	80 - 120	2014-08-31
Xylene		1,2,3,4,5	mg/L	0.300	0.278	93	80 - 120	2014-08-31

Standard (CCV-3)

QC Batch: 115112

Date Analyzed: 2014-08-31

Analyzed By: MT

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,3,4,5	mg/L	0.100	0.0944	94	80 - 120	2014-08-31
Toluene		1,2,3,4,5	mg/L	0.100	0.0954	95	80 - 120	2014-08-31
Ethylbenzene		1,2,3,4,5	mg/L	0.100	0.0918	92	80 - 120	2014-08-31
Xylene		1,2,3,4,5	mg/L	0.300	0.280	93	80 - 120	2014-08-31

Appendix

Report Definitions

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

Laboratory Certifications

C	Certifying Authority	Certification Number	Laboratory Location
-	NCTRCA	WFWB384444Y0909	TraceAnalysis
-	DBE	VN 20657	TraceAnalysis
-	HUB	1752439743100-86536	TraceAnalysis
-	WBE	237019	TraceAnalysis
1	PJLA	L14-93	Lubbock
2	Kansas	Kansas E-10317	Lubbock
3	LELAP	LELAP-02003	Lubbock
4	NELAP	T104704219-14-10	Lubbock
5		2013-083	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.

Report Date: September 3, 2014
TNM-SPS-11

Work Order: 14082909
SPS 11

Page Number: 10 of 10
North of Hobbs, Lea Co., NM

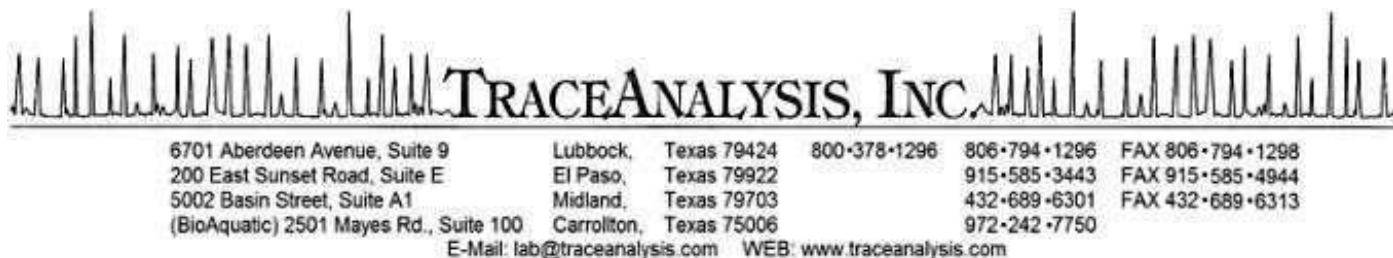
F	Description
---	-------------

U	The analyte is not detected above the SDL
---	---

Attachments

The scanned attachments will follow this page.

Please note, each attachment may consist of more than one page.



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: September 16, 2014

Work Order: 14091007



Project Location: West of Hobbs, NM
 Project Name: TNM SPS-11
 Project Number: NM-2016
 SRS #: TNM SPS-11

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
374078	MW-16	water	2014-09-09	13:30	2014-09-10

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

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

Dr. Blair Leftwich, Director
 James Taylor, Assistant Director
 Brian Pellam, Operations Manager

Report Contents

Case Narrative	3
Analytical Report	4
Sample 374078 (MW-16)	4
Method Blanks	5
QC Batch 115401 - Method Blank (1)	5
Laboratory Control Spikes	6
QC Batch 115401 - LCS (1)	6
Matrix Spikes	7
QC Batch 115401 - xMS (1)	7
Calibration Standards	8
QC Batch 115401 - CCV (1)	8
QC Batch 115401 - CCV (2)	8
Appendix	9
Report Definitions	9
Laboratory Certifications	9
Standard Flags	9
Attachments	10

Case Narrative

Samples for project TNM SPS-11 were received by TraceAnalysis, Inc. on 2014-09-10 and assigned to work order 14091007. Samples for work order 14091007 were received intact without headspace and at a temperature of 5.3 C.

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

Test	Method	Prep Batch	Prep Date	QC Batch	Analysis Date
BTEX	S 8021B	97591	2014-09-11 at 14:12	115401	2014-09-11 at 14:12

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 14091007 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 16, 2014
NM-2016

Work Order: 14091007
TNM SPS-11

Page Number: 4 of 10
West of Hobbs, NM

Analytical Report

Sample: 374078 - MW-16

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 115401
Prep Batch: 97591

Analytical Method: S 8021B
Date Analyzed: 2014-09-11
Sample Preparation: 2014-09-11

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

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1,2,3,4,5	0.0655	mg/L	1	0.00100
Toluene		1,2,3,4,5	0.0815	mg/L	1	0.00100
Ethylbenzene		1,2,3,4,5	0.0145	mg/L	1	0.00100
Xylene		1,2,3,4,5	0.0258	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.0885	mg/L	1	0.100	88	70 - 130
4-Bromofluorobenzene (4-BFB)		5	0.0928	mg/L	1	0.100	93	70 - 130

Method Blanks

Method Blank (1) QC Batch: 115401

QC Batch: 115401
Prep Batch: 97591

Date Analyzed: 2014-09-11
QC Preparation: 2014-09-11

Analyzed By: MT
Prepared By: MT

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5	0.0901	mg/L	1	0.100	90	70 - 130
4-Bromofluorobenzene (4-BFB)		5	0.0900	mg/L	1	0.100	90	70 - 130

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 115401
Prep Batch: 97591

Date Analyzed: 2014-09-11
QC Preparation: 2014-09-11

Analyzed By: MT
Prepared By: MT

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1,2,3,4,5	0.0931	mg/L	1	0.100	<0.000303	93	70 - 130
Toluene		1,2,3,4,5	0.0914	mg/L	1	0.100	<0.000303	91	70 - 130
Ethylbenzene		1,2,3,4,5	0.0906	mg/L	1	0.100	<0.000266	91	70 - 130
Xylene		1,2,3,4,5	0.275	mg/L	1	0.300	<0.000265	92	70 - 130

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

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1,2,3,4,5	0.0906	mg/L	1	0.100	<0.000303	91	70 - 130	3	20
Toluene		1,2,3,4,5	0.0923	mg/L	1	0.100	<0.000303	92	70 - 130	1	20
Ethylbenzene		1,2,3,4,5	0.0907	mg/L	1	0.100	<0.000266	91	70 - 130	0	20
Xylene		1,2,3,4,5	0.278	mg/L	1	0.300	<0.000265	92	70 - 130	1	20

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

Surrogate		LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	5	0.0894	0.0900	mg/L	1	0.100	89	90	70 - 130
4-Bromofluorobenzene (4-BFB)	5	0.0912	0.0917	mg/L	1	0.100	91	92	70 - 130

Matrix Spikes

Matrix Spike (xMS-1) Spiked Sample: 374191

QC Batch: 115401
Prep Batch: 97591

Date Analyzed: 2014-09-11
QC Preparation: 2014-09-11

Analyzed By: MT
Prepared By: MT

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1,2,3,4,5	0.0868	mg/L	1	0.100	<0.000303	87	70 - 130
Toluene		1,2,3,4,5	0.0857	mg/L	1	0.100	<0.000303	86	70 - 130
Ethylbenzene		1,2,3,4,5	0.0835	mg/L	1	0.100	<0.000266	84	70 - 130
Xylene		1,2,3,4,5	0.254	mg/L	1	0.300	<0.000265	85	70 - 130

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

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1,2,3,4,5	0.0949	mg/L	1	0.100	<0.000303	95	70 - 130	9	20
Toluene		1,2,3,4,5	0.0944	mg/L	1	0.100	<0.000303	94	70 - 130	10	20
Ethylbenzene		1,2,3,4,5	0.0922	mg/L	1	0.100	<0.000266	92	70 - 130	10	20
Xylene		1,2,3,4,5	0.281	mg/L	1	0.300	<0.000265	94	70 - 130	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)	5	0.0919	0.0919	mg/L	1	0.1	92	92	70 - 130
4-Bromofluorobenzene (4-BFB)	5	0.0945	0.0941	mg/L	1	0.1	94	94	70 - 130

Calibration Standards

Standard (CCV-1)

QC Batch: 115401

Date Analyzed: 2014-09-11

Analyzed By: MT

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,3,4,5	mg/L	0.100	0.0938	94	80 - 120	2014-09-11
Toluene		1,2,3,4,5	mg/L	0.100	0.0934	93	80 - 120	2014-09-11
Ethylbenzene		1,2,3,4,5	mg/L	0.100	0.0981	98	80 - 120	2014-09-11
Xylene		1,2,3,4,5	mg/L	0.300	0.280	93	80 - 120	2014-09-11

Standard (CCV-2)

QC Batch: 115401

Date Analyzed: 2014-09-11

Analyzed By: MT

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,3,4,5	mg/L	0.100	0.0934	93	80 - 120	2014-09-11
Toluene		1,2,3,4,5	mg/L	0.100	0.0915	92	80 - 120	2014-09-11
Ethylbenzene		1,2,3,4,5	mg/L	0.100	0.0896	90	80 - 120	2014-09-11
Xylene		1,2,3,4,5	mg/L	0.300	0.274	91	80 - 120	2014-09-11

Appendix

Report Definitions

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

Laboratory Certifications

C	Certifying Authority	Certification Number	Laboratory Location
-	NCTRCA	WFWB384444Y0909	TraceAnalysis
-	DBE	VN 20657	TraceAnalysis
-	HUB	1752439743100-86536	TraceAnalysis
-	WBE	237019	TraceAnalysis
1	PJLA	L14-93	Lubbock
2	Kansas	Kansas E-10317	Lubbock
3	LELAP	LELAP-02003	Lubbock
4	NELAP	T104704219-14-10	Lubbock
5		2014-018	Lubbock

Standard Flags

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

Report Date: September 16, 2014
NM-2016

Work Order: 14091007
TNM SPS-11

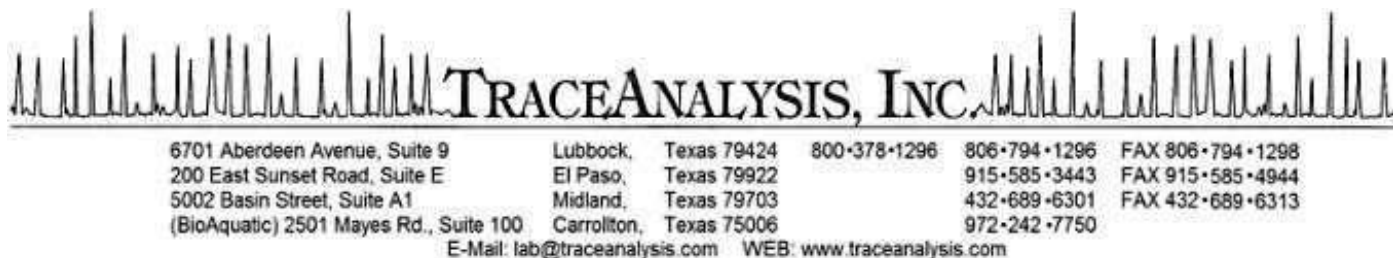
Page Number: 10 of 10
West of Hobbs, NM

F	Description
---	-------------

U	The analyte is not detected above the SDL
---	---

Attachments

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



Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

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

Report Date: December 8, 2014

Work Order: 14120103



Project Location: West of Hobbs, NM
 Project Name: TNM SPS-11
 Project Number: NM-2016
 SRS #: TNM SPS-11

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
380868	MW 13	water	2014-11-25	10:47	2014-12-01
380869	MW 18	water	2014-11-25	11:01	2014-12-01
380870	MW 19	water	2014-11-25	11:18	2014-12-01
380871	MW 2	water	2014-11-25	11:53	2014-12-01
380872	MW 21	water	2014-11-25	12:09	2014-12-01
380873	MW 23	water	2014-11-25	12:25	2014-12-01
380874	MW 25	water	2014-11-25	12:42	2014-12-01
380875	MW 3	water	2014-11-25	13:10	2014-12-01
380876	MW 30	water	2014-11-25	13:30	2014-12-01
380877	MW 31	water	2014-11-25	13:42	2014-12-01
380878	MW 33	water	2014-11-25	14:03	2014-12-01
380879	MW 34	water	2014-11-25	14:22	2014-12-01
380880	MW 36	water	2014-11-25	14:36	2014-12-01
380881	MW 37	water	2014-11-25	14:53	2014-12-01
380882	MW 38	water	2014-11-25	15:18	2014-12-01
380883	MW 39	water	2014-11-25	15:43	2014-12-01
380884	MW 40	water	2014-11-25	16:09	2014-12-01

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
380885	MW 6	water	2014-11-25	16:29	2014-12-01
380886	MW 24	water	2014-11-25	16:40	2014-12-01
380887	MW 12	water	2014-11-25	17:00	2014-12-01
380888	MW 15	water	2014-11-26	09:30	2014-12-01
380889	MW 35	water	2014-11-26	09:50	2014-12-01
380890	MW 10	water	2014-11-26	10:04	2014-12-01
380891	MW 17	water	2014-11-26	10:18	2014-12-01
380892	MW 9	water	2014-11-26	10:51	2014-12-01
380893	MW 16	water	2014-11-26	11:17	2014-12-01
380894	MW 28	water	2014-11-26	11:36	2014-12-01
380895	MW 26	water	2014-11-26	11:50	2014-12-01
380896	MW 29	water	2014-11-26	12:07	2014-12-01
380897	MW 32	water	2014-11-26	12:20	2014-12-01
380898	MW 14	water	2014-11-26	12:37	2014-12-01

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 34 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.



Dr. Blair Leftwich, Director
James Taylor, Assistant Director
Brian Pellam, Operations Manager

Report Contents

Case Narrative	5
Analytical Report	6
Sample 380868 (MW 13)	6
Sample 380869 (MW 18)	6
Sample 380870 (MW 19)	6
Sample 380871 (MW 2)	7
Sample 380872 (MW 21)	7
Sample 380873 (MW 23)	8
Sample 380874 (MW 25)	8
Sample 380875 (MW 3)	9
Sample 380876 (MW 30)	9
Sample 380877 (MW 31)	10
Sample 380878 (MW 33)	10
Sample 380879 (MW 34)	11
Sample 380880 (MW 36)	11
Sample 380881 (MW 37)	12
Sample 380882 (MW 38)	12
Sample 380883 (MW 39)	13
Sample 380884 (MW 40)	13
Sample 380885 (MW 6)	14
Sample 380886 (MW 24)	14
Sample 380887 (MW 12)	15
Sample 380888 (MW 15)	15
Sample 380889 (MW 35)	16
Sample 380890 (MW 10)	16
Sample 380891 (MW 17)	17
Sample 380892 (MW 9)	17
Sample 380893 (MW 16)	18
Sample 380894 (MW 28)	18
Sample 380895 (MW 26)	19
Sample 380896 (MW 29)	19
Sample 380897 (MW 32)	20
Sample 380898 (MW 14)	20
Method Blanks	22
QC Batch 117734 - Method Blank (1)	22
QC Batch 117779 - Method Blank (1)	22
QC Batch 117783 - Method Blank (1)	22
QC Batch 117785 - Method Blank (1)	23
Laboratory Control Spikes	24
QC Batch 117734 - LCS (1)	24
QC Batch 117779 - LCS (1)	24
QC Batch 117783 - LCS (1)	25
QC Batch 117785 - LCS (1)	25

Matrix Spikes	27
QC Batch 117734 - MS (1)	27
QC Batch 117779 - MS (1)	27
QC Batch 117783 - MS (1)	28
QC Batch 117785 - MS (1)	28
Calibration Standards	30
QC Batch 117734 - CCV (2)	30
QC Batch 117734 - CCV (3)	30
QC Batch 117779 - CCV (1)	30
QC Batch 117779 - CCV (2)	30
QC Batch 117779 - CCV (3)	31
QC Batch 117783 - CCV (1)	31
QC Batch 117783 - CCV (2)	31
QC Batch 117785 - CCV (2)	32
QC Batch 117785 - CCV (3)	32
Appendix	33
Report Definitions	33
Laboratory Certifications	33
Standard Flags	33
Result Comments	33
Attachments	34

Case Narrative

Samples for project TNM SPS-11 were received by TraceAnalysis, Inc. on 2014-12-01 and assigned to work order 14120103. Samples for work order 14120103 were received intact at a temperature of 1.5 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	99514	2014-12-03 at 16:10	117734	2014-12-04 at 15:00
BTEX	S 8021B	99554	2014-12-05 at 11:41	117779	2014-12-06 at 09:32
BTEX	S 8021B	99578	2014-12-06 at 09:51	117783	2014-12-07 at 08:36
BTEX	S 8021B	99587	2014-12-07 at 09:00	117785	2014-12-08 at 08:37

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 14120103 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: December 8, 2014
NM-2016

Work Order: 14120103
TNM SPS-11

Page Number: 6 of 34
West of Hobbs, NM

Analytical Report

Sample: 380868 - MW 13

Laboratory: Midland
Analysis: BTEX
QC Batch: 117734
Prep Batch: 99514

Analytical Method: S 8021B
Date Analyzed: 2014-12-04
Sample Preparation: 2014-12-03

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

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)			0.0906	mg/L	1	0.100	91	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0765	mg/L	1	0.100	76	70 - 130

Sample: 380869 - MW 18

Laboratory: Midland
Analysis: BTEX
QC Batch: 117734
Prep Batch: 99514

Analytical Method: S 8021B
Date Analyzed: 2014-12-04
Sample Preparation: 2014-12-03

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

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)			0.0893	mg/L	1	0.100	89	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0732	mg/L	1	0.100	73	70 - 130

Report Date: December 8, 2014
NM-2016

Work Order: 14120103
TNM SPS-11

Page Number: 7 of 34
West of Hobbs, NM

Sample: 380870 - MW 19

Laboratory: Midland

Analysis: BTEX

QC Batch: 117734

Prep Batch: 99514

Analytical Method: S 8021B

Date Analyzed: 2014-12-04

Sample Preparation: 2014-12-03

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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)			0.0895	mg/L	1	0.100	90	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0723	mg/L	1	0.100	72	70 - 130

Sample: 380871 - MW 2

Laboratory: Midland

Analysis: BTEX

QC Batch: 117734

Prep Batch: 99514

Analytical Method: S 8021B

Date Analyzed: 2014-12-04

Sample Preparation: 2014-12-03

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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)			0.0894	mg/L	1	0.100	89	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0739	mg/L	1	0.100	74	70 - 130

Report Date: December 8, 2014
NM-2016

Work Order: 14120103
TNM SPS-11

Page Number: 8 of 34
West of Hobbs, NM

Sample: 380872 - MW 21

Laboratory: Midland

Analysis: BTEX

QC Batch: 117734

Prep Batch: 99514

Analytical Method: S 8021B

Date Analyzed: 2014-12-04

Sample Preparation: 2014-12-03

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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)			0.0927	mg/L	1	0.100	93	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0742	mg/L	1	0.100	74	70 - 130

Sample: 380873 - MW 23

Laboratory: Midland

Analysis: BTEX

QC Batch: 117734

Prep Batch: 99514

Analytical Method: S 8021B

Date Analyzed: 2014-12-04

Sample Preparation: 2014-12-03

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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)			0.0897	mg/L	1	0.100	90	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0712	mg/L	1	0.100	71	70 - 130

Report Date: December 8, 2014
NM-2016

Work Order: 14120103
TNM SPS-11

Page Number: 9 of 34
West of Hobbs, NM

Sample: 380874 - MW 25

Laboratory: Midland

Analysis: BTEX

QC Batch: 117779

Prep Batch: 99554

Analytical Method: S 8021B

Date Analyzed: 2014-12-06

Sample Preparation: 2014-12-05

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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)			0.0890	mg/L	1	0.100	89	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0767	mg/L	1	0.100	77	70 - 130

Sample: 380875 - MW 3

Laboratory: Midland

Analysis: BTEX

QC Batch: 117779

Prep Batch: 99554

Analytical Method: S 8021B

Date Analyzed: 2014-12-06

Sample Preparation: 2014-12-05

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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)			0.0893	mg/L	1	0.100	89	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0736	mg/L	1	0.100	74	70 - 130

Report Date: December 8, 2014
NM-2016

Work Order: 14120103
TNM SPS-11

Page Number: 10 of 34
West of Hobbs, NM

Sample: 380876 - MW 30

Laboratory: Midland

Analysis: BTEX

QC Batch: 117779

Prep Batch: 99554

Analytical Method: S 8021B

Date Analyzed: 2014-12-06

Sample Preparation: 2014-12-05

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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)			0.0881	mg/L	1	0.100	88	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0725	mg/L	1	0.100	72	70 - 130

Sample: 380877 - MW 31

Laboratory: Midland

Analysis: BTEX

QC Batch: 117779

Prep Batch: 99554

Analytical Method: S 8021B

Date Analyzed: 2014-12-06

Sample Preparation: 2014-12-05

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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)			0.0915	mg/L	1	0.100	92	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0743	mg/L	1	0.100	74	70 - 130

Report Date: December 8, 2014
NM-2016

Work Order: 14120103
TNM SPS-11

Page Number: 11 of 34
West of Hobbs, NM

Sample: 380878 - MW 33

Laboratory: Midland

Analysis: BTEX

QC Batch: 117779

Prep Batch: 99554

Analytical Method: S 8021B

Date Analyzed: 2014-12-06

Sample Preparation: 2014-12-05

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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)			0.0901	mg/L	1	0.100	90	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0759	mg/L	1	0.100	76	70 - 130

Sample: 380879 - MW 34

Laboratory: Midland

Analysis: BTEX

QC Batch: 117779

Prep Batch: 99554

Analytical Method: S 8021B

Date Analyzed: 2014-12-06

Sample Preparation: 2014-12-05

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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)			0.0902	mg/L	1	0.100	90	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0721	mg/L	1	0.100	72	70 - 130

Report Date: December 8, 2014
NM-2016

Work Order: 14120103
TNM SPS-11

Page Number: 12 of 34
West of Hobbs, NM

Sample: 380880 - MW 36

Laboratory: Midland

Analysis: BTEX

QC Batch: 117779

Prep Batch: 99554

Analytical Method: S 8021B

Date Analyzed: 2014-12-06

Sample Preparation: 2014-12-05

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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)			0.0898	mg/L	1	0.100	90	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0758	mg/L	1	0.100	76	70 - 130

Sample: 380881 - MW 37

Laboratory: Midland

Analysis: BTEX

QC Batch: 117779

Prep Batch: 99554

Analytical Method: S 8021B

Date Analyzed: 2014-12-06

Sample Preparation: 2014-12-05

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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)			0.0877	mg/L	1	0.100	88	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0745	mg/L	1	0.100	74	70 - 130

Report Date: December 8, 2014
NM-2016

Work Order: 14120103
TNM SPS-11

Page Number: 13 of 34
West of Hobbs, NM

Sample: 380882 - MW 38

Laboratory: Midland

Analysis: BTEX

QC Batch: 117779

Prep Batch: 99554

Analytical Method: S 8021B

Date Analyzed: 2014-12-06

Sample Preparation: 2014-12-05

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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)			0.0884	mg/L	1	0.100	88	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0749	mg/L	1	0.100	75	70 - 130

Sample: 380883 - MW 39

Laboratory: Midland

Analysis: BTEX

QC Batch: 117779

Prep Batch: 99554

Analytical Method: S 8021B

Date Analyzed: 2014-12-06

Sample Preparation: 2014-12-05

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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)			0.0903	mg/L	1	0.100	90	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0756	mg/L	1	0.100	76	70 - 130

Report Date: December 8, 2014
NM-2016

Work Order: 14120103
TNM SPS-11

Page Number: 14 of 34
West of Hobbs, NM

Sample: 380884 - MW 40

Laboratory: Midland

Analysis: BTEX

QC Batch: 117779

Prep Batch: 99554

Analytical Method: S 8021B

Date Analyzed: 2014-12-06

Sample Preparation: 2014-12-05

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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)			0.0874	mg/L	1	0.100	87	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0702	mg/L	1	0.100	70	70 - 130

Sample: 380885 - MW 6

Laboratory: Midland

Analysis: BTEX

QC Batch: 117779

Prep Batch: 99554

Analytical Method: S 8021B

Date Analyzed: 2014-12-06

Sample Preparation: 2014-12-05

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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)			0.0898	mg/L	1	0.100	90	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0703	mg/L	1	0.100	70	70 - 130

Report Date: December 8, 2014
NM-2016

Work Order: 14120103
TNM SPS-11

Page Number: 15 of 34
West of Hobbs, NM

Sample: 380886 - MW 24

Laboratory: Midland

Analysis: BTEX

QC Batch: 117779

Prep Batch: 99554

Analytical Method: S 8021B

Date Analyzed: 2014-12-06

Sample Preparation: 2014-12-05

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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)			0.0889	mg/L	1	0.100	89	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0749	mg/L	1	0.100	75	70 - 130

Sample: 380887 - MW 12

Laboratory: Midland

Analysis: BTEX

QC Batch: 117779

Prep Batch: 99554

Analytical Method: S 8021B

Date Analyzed: 2014-12-06

Sample Preparation: 2014-12-05

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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)			0.0854	mg/L	1	0.100	85	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0730	mg/L	1	0.100	73	70 - 130

Report Date: December 8, 2014
NM-2016

Work Order: 14120103
TNM SPS-11

Page Number: 16 of 34
West of Hobbs, NM

Sample: 380888 - MW 15

Laboratory: Midland

Analysis: BTEX

QC Batch: 117779

Prep Batch: 99554

Analytical Method: S 8021B

Date Analyzed: 2014-12-06

Sample Preparation: 2014-12-05

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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)			0.0889	mg/L	1	0.100	89	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0733	mg/L	1	0.100	73	70 - 130

Sample: 380889 - MW 35

Laboratory: Midland

Analysis: BTEX

QC Batch: 117779

Prep Batch: 99554

Analytical Method: S 8021B

Date Analyzed: 2014-12-06

Sample Preparation: 2014-12-05

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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)			0.0924	mg/L	1	0.100	92	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0787	mg/L	1	0.100	79	70 - 130

Report Date: December 8, 2014
NM-2016

Work Order: 14120103
TNM SPS-11

Page Number: 17 of 34
West of Hobbs, NM

Sample: 380890 - MW 10

Laboratory: Midland

Analysis: BTEX

QC Batch: 117779

Prep Batch: 99554

Analytical Method: S 8021B

Date Analyzed: 2014-12-06

Sample Preparation: 2014-12-05

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.0140	mg/L	1	0.00100
Toluene	U	1	<0.00100	mg/L	1	0.00100
Ethylbenzene		1	0.0208	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)			0.0900	mg/L	1	0.100	90	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0959	mg/L	1	0.100	96	70 - 130

Sample: 380891 - MW 17

Laboratory: Midland

Analysis: BTEX

QC Batch: 117779

Prep Batch: 99554

Analytical Method: S 8021B

Date Analyzed: 2014-12-06

Sample Preparation: 2014-12-05

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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)			0.0896	mg/L	1	0.100	90	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0720	mg/L	1	0.100	72	70 - 130

Report Date: December 8, 2014
NM-2016

Work Order: 14120103
TNM SPS-11

Page Number: 18 of 34
West of Hobbs, NM

Sample: 380892 - MW 9

Laboratory: Midland

Analysis: BTEX

QC Batch: 117779

Prep Batch: 99554

Analytical Method: S 8021B

Date Analyzed: 2014-12-06

Sample Preparation: 2014-12-05

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.168	mg/L	1	0.00100
Toluene	U	1	<0.00100	mg/L	1	0.00100
Ethylbenzene		1	0.0368	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)			0.0899	mg/L	1	0.100	90	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0903	mg/L	1	0.100	90	70 - 130

Sample: 380893 - MW 16

Laboratory: Midland

Analysis: BTEX

QC Batch: 117779

Prep Batch: 99554

Analytical Method: S 8021B

Date Analyzed: 2014-12-06

Sample Preparation: 2014-12-05

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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)			0.0897	mg/L	1	0.100	90	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0711	mg/L	1	0.100	71	70 - 130

Report Date: December 8, 2014
NM-2016

Work Order: 14120103
TNM SPS-11

Page Number: 19 of 34
West of Hobbs, NM

Sample: 380894 - MW 28

Laboratory: Midland

Analysis: BTEX

QC Batch: 117783

Prep Batch: 99578

Analytical Method: S 8021B

Date Analyzed: 2014-12-07

Sample Preparation: 2014-12-06

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.126	mg/L	1	0.00100
Toluene	u	1	<0.00100	mg/L	1	0.00100
Ethylbenzene		1	0.0217	mg/L	1	0.00100
Xylene		1	0.0114	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0886	mg/L	1	0.100	89	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0893	mg/L	1	0.100	89	70 - 130

Sample: 380895 - MW 26

Laboratory: Midland

Analysis: BTEX

QC Batch: 117783

Prep Batch: 99578

Analytical Method: S 8021B

Date Analyzed: 2014-12-07

Sample Preparation: 2014-12-06

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.276	mg/L	1	0.00100
Toluene		1	0.0153	mg/L	1	0.00100
Ethylbenzene		1	0.0967	mg/L	1	0.00100
Xylene		1	0.0339	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0928	mg/L	1	0.100	93	70 - 130
4-Bromofluorobenzene (4-BFB)			0.102	mg/L	1	0.100	102	70 - 130

Report Date: December 8, 2014
NM-2016

Work Order: 14120103
TNM SPS-11

Page Number: 20 of 34
West of Hobbs, NM

Sample: 380896 - MW 29

Laboratory: Midland

Analysis: BTEX

QC Batch: 117783

Prep Batch: 99578

Analytical Method: S 8021B

Date Analyzed: 2014-12-07

Sample Preparation: 2014-12-06

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.534	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	U	1	<0.0500	mg/L	50	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			4.65	mg/L	50	5.00	93	70 - 130
4-Bromofluorobenzene (4-BFB)			3.79	mg/L	50	5.00	76	70 - 130

Sample: 380897 - MW 32

Laboratory: Midland

Analysis: BTEX

QC Batch: 117785

Prep Batch: 99587

Analytical Method: S 8021B

Date Analyzed: 2014-12-08

Sample Preparation: 2014-12-07

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.914	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	U	1	<0.0500	mg/L	50	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			4.56	mg/L	50	5.00	91	70 - 130
4-Bromofluorobenzene (4-BFB)	¹ Q _{sr}	Q _{sr}	3.00	mg/L	50	5.00	60	70 - 130

Report Date: December 8, 2014
NM-2016

Work Order: 14120103
TNM SPS-11

Page Number: 21 of 34
West of Hobbs, NM

Sample: 380898 - MW 14

Laboratory: Midland

Analysis: BTEX

QC Batch: 117785

Prep Batch: 99587

Analytical Method: S 8021B

Date Analyzed: 2014-12-08

Sample Preparation: 2014-12-07

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	2.37	mg/L	100	0.00100
Toluene	U	1	<0.100	mg/L	100	0.00100
Ethylbenzene	U	1	<0.100	mg/L	100	0.00100
Xylene	U	1	<0.100	mg/L	100	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			9.37	mg/L	100	10.0	94	70 - 130
4-Bromofluorobenzene (4-BFB)	² Q _{sr}	Q _{sr}	5.93	mg/L	100	10.0	59	70 - 130

Method Blanks

Method Blank (1) QC Batch: 117734

QC Batch: 117734 Date Analyzed: 2014-12-04 Analyzed By: AK
Prep Batch: 99514 QC Preparation: 2014-12-03 Prepared By: AK

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1	<0.000299	mg/L	0.001
Toluene		1	<0.000247	mg/L	0.001
Ethylbenzene		1	<0.000423	mg/L	0.001
Xylene		1	<0.000552	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0915	mg/L	1	0.100	92	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0778	mg/L	1	0.100	78	70 - 130

Method Blank (1) QC Batch: 117779

QC Batch: 117779 Date Analyzed: 2014-12-06 Analyzed By: AK
Prep Batch: 99554 QC Preparation: 2014-12-05 Prepared By: AK

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1	<0.000299	mg/L	0.001
Toluene		1	<0.000247	mg/L	0.001
Ethylbenzene		1	<0.000423	mg/L	0.001
Xylene		1	<0.000552	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0912	mg/L	1	0.100	91	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0797	mg/L	1	0.100	80	70 - 130

Method Blank (1) QC Batch: 117783

QC Batch: 117783 Date Analyzed: 2014-12-07 Analyzed By: AK
Prep Batch: 99578 QC Preparation: 2014-12-06 Prepared By: AK

Report Date: December 8, 2014
NM-2016

Work Order: 14120103
TNM SPS-11

Page Number: 23 of 34
West of Hobbs, NM

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1	<0.000299	mg/L	0.001
Toluene		1	<0.000247	mg/L	0.001
Ethylbenzene		1	<0.000423	mg/L	0.001
Xylene		1	<0.000552	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0887	mg/L	1	0.100	89	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0753	mg/L	1	0.100	75	70 - 130

Method Blank (1) QC Batch: 117785

QC Batch: 117785
Prep Batch: 99587

Date Analyzed: 2014-12-08
QC Preparation: 2014-12-07

Analyzed By: AK
Prepared By: AK

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1	<0.000299	mg/L	0.001
Toluene		1	<0.000247	mg/L	0.001
Ethylbenzene		1	<0.000423	mg/L	0.001
Xylene		1	<0.000552	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0816	mg/L	1	0.100	82	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0712	mg/L	1	0.100	71	70 - 130

Report Date: December 8, 2014
NM-2016

Work Order: 14120103
TNM SPS-11

Page Number: 24 of 34
West of Hobbs, NM

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 117734
Prep Batch: 99514

Date Analyzed: 2014-12-04
QC Preparation: 2014-12-03

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	<0.000299	101	70 - 130
Toluene		1	0.100	mg/L	1	0.100	<0.000247	100	70 - 130
Ethylbenzene		1	0.102	mg/L	1	0.100	<0.000423	102	70 - 130
Xylene		1	0.298	mg/L	1	0.300	<0.000552	99	70 - 130

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

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.0986	mg/L	1	0.100	<0.000299	99	70 - 130	2	20
Toluene		1	0.0984	mg/L	1	0.100	<0.000247	98	70 - 130	2	20
Ethylbenzene		1	0.0984	mg/L	1	0.100	<0.000423	98	70 - 130	4	20
Xylene		1	0.293	mg/L	1	0.300	<0.000552	98	70 - 130	2	20

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

Surrogate	LCS Result	LCS Result	Units	Dil.	Spike Amount	LCS Rec.	LCS Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0961	0.0965	mg/L	1	0.100	96	96	70 - 130
4-Bromofluorobenzene (4-BFB)	0.104	0.102	mg/L	1	0.100	104	102	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 117779
Prep Batch: 99554

Date Analyzed: 2014-12-06
QC Preparation: 2014-12-05

Analyzed By: AK
Prepared By: AK

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.0988	mg/L	1	0.100	<0.000299	99	70 - 130
Toluene		1	0.0990	mg/L	1	0.100	<0.000247	99	70 - 130
Ethylbenzene		1	0.0992	mg/L	1	0.100	<0.000423	99	70 - 130
Xylene		1	0.296	mg/L	1	0.300	<0.000552	99	70 - 130

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

Report Date: December 8, 2014
NM-2016

Work Order: 14120103
TNM SPS-11

Page Number: 25 of 34
West of Hobbs, NM

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.0985	mg/L	1	0.100	<0.000299	98	70 - 130	0	20
Toluene		1	0.0984	mg/L	1	0.100	<0.000247	98	70 - 130	1	20
Ethylbenzene		1	0.101	mg/L	1	0.100	<0.000423	101	70 - 130	2	20
Xylene		1	0.297	mg/L	1	0.300	<0.000552	99	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)	0.0928	0.0941	mg/L	1	0.100	93	94	70 - 130
4-Bromofluorobenzene (4-BFB)	0.104	0.103	mg/L	1	0.100	104	103	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 117783
Prep Batch: 99578

Date Analyzed: 2014-12-07
QC Preparation: 2014-12-06

Analyzed By: AK
Prepared By: AK

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.103	mg/L	1	0.100	<0.000299	103	70 - 130
Toluene		1	0.102	mg/L	1	0.100	<0.000247	102	70 - 130
Ethylbenzene		1	0.104	mg/L	1	0.100	<0.000423	104	70 - 130
Xylene		1	0.306	mg/L	1	0.300	<0.000552	102	70 - 130

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

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.100	mg/L	1	0.100	<0.000299	100	70 - 130	3	20
Toluene		1	0.100	mg/L	1	0.100	<0.000247	100	70 - 130	2	20
Ethylbenzene		1	0.102	mg/L	1	0.100	<0.000423	102	70 - 130	2	20
Xylene		1	0.302	mg/L	1	0.300	<0.000552	101	70 - 130	1	20

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

Surrogate	LCS Result	LCS Result	Units	Dil.	Spike Amount	LCS Rec.	LCS Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0857	0.0934	mg/L	1	0.100	86	93	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0995	0.0986	mg/L	1	0.100	100	99	70 - 130

Report Date: December 8, 2014
NM-2016

Work Order: 14120103
TNM SPS-11

Page Number: 26 of 34
West of Hobbs, NM

Laboratory Control Spike (LCS-1)

QC Batch: 117785
Prep Batch: 99587

Date Analyzed: 2014-12-08
QC Preparation: 2014-12-07

Analyzed By: AK
Prepared By: AK

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.100	mg/L	1	0.100	<0.000299	100	70 - 130
Toluene		1	0.100	mg/L	1	0.100	<0.000247	100	70 - 130
Ethylbenzene		1	0.103	mg/L	1	0.100	<0.000423	103	70 - 130
Xylene		1	0.300	mg/L	1	0.300	<0.000552	100	70 - 130

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

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.0975	mg/L	1	0.100	<0.000299	98	70 - 130	2	20
Toluene		1	0.0977	mg/L	1	0.100	<0.000247	98	70 - 130	2	20
Ethylbenzene		1	0.100	mg/L	1	0.100	<0.000423	100	70 - 130	3	20
Xylene		1	0.293	mg/L	1	0.300	<0.000552	98	70 - 130	2	20

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

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0904	0.0921	mg/L	1	0.100	90	92	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0984	0.0980	mg/L	1	0.100	98	98	70 - 130

Report Date: December 8, 2014
NM-2016

Work Order: 14120103
TNM SPS-11

Page Number: 27 of 34
West of Hobbs, NM

Matrix Spikes

Matrix Spike (MS-1) Spiked Sample: 380794

QC Batch: 117734
Prep Batch: 99514

Date Analyzed: 2014-12-04
QC Preparation: 2014-12-03

Analyzed By: AK
Prepared By: AK

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.101	mg/L	1	0.100	<0.000299	101	70 - 130
Toluene		1	0.0965	mg/L	1	0.100	<0.000247	96	70 - 130
Ethylbenzene		1	0.0910	mg/L	1	0.100	<0.000423	91	70 - 130
Xylene		1	0.263	mg/L	1	0.300	<0.000552	88	70 - 130

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

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.0986	mg/L	1	0.100	<0.000299	99	70 - 130	2	20
Toluene		1	0.0953	mg/L	1	0.100	<0.000247	95	70 - 130	1	20
Ethylbenzene		1	0.0895	mg/L	1	0.100	<0.000423	90	70 - 130	2	20
Xylene		1	0.264	mg/L	1	0.300	<0.000552	88	70 - 130	0	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)	0.0894	0.0909	mg/L	1	0.1	89	91	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0959	0.0978	mg/L	1	0.1	96	98	70 - 130

Matrix Spike (MS-1) Spiked Sample: 380874

QC Batch: 117779
Prep Batch: 99554

Date Analyzed: 2014-12-06
QC Preparation: 2014-12-05

Analyzed By: AK
Prepared By: AK

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.0987	mg/L	1	0.100	<0.000299	99	70 - 130
Toluene		1	0.0976	mg/L	1	0.100	<0.000247	98	70 - 130
Ethylbenzene		1	0.0995	mg/L	1	0.100	<0.000423	100	70 - 130
Xylene		1	0.292	mg/L	1	0.300	<0.000552	97	70 - 130

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

Report Date: December 8, 2014
NM-2016

Work Order: 14120103
TNM SPS-11

Page Number: 28 of 34
West of Hobbs, NM

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.101	mg/L	1	0.100	<0.000299	101	70 - 130	2	20
Toluene		1	0.101	mg/L	1	0.100	<0.000247	101	70 - 130	3	20
Ethylbenzene		1	0.104	mg/L	1	0.100	<0.000423	104	70 - 130	4	20
Xylene		1	0.304	mg/L	1	0.300	<0.000552	101	70 - 130	4	20

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

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0948	0.0916	mg/L	1	0.1	95	92	70 - 130
4-Bromofluorobenzene (4-BFB)	0.106	0.102	mg/L	1	0.1	106	102	70 - 130

Matrix Spike (MS-1) Spiked Sample: 380895

QC Batch: 117783
Prep Batch: 99578

Date Analyzed: 2014-12-07
QC Preparation: 2014-12-06

Analyzed By: AK
Prepared By: AK

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.392	mg/L	1	0.100	0.276	116	70 - 130
Toluene		1	0.111	mg/L	1	0.100	0.0153	96	70 - 130
Ethylbenzene		1	0.209	mg/L	1	0.100	0.0967	112	70 - 130
Xylene		1	0.337	mg/L	1	0.300	0.0339	101	70 - 130

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

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.381	mg/L	1	0.100	0.276	105	70 - 130	3	20
Toluene		1	0.112	mg/L	1	0.100	0.0153	97	70 - 130	1	20
Ethylbenzene		1	0.210	mg/L	1	0.100	0.0967	113	70 - 130	0	20
Xylene		1	0.342	mg/L	1	0.300	0.0339	103	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)	0.0927	0.0908	mg/L	1	0.1	93	91	70 - 130
4-Bromofluorobenzene (4-BFB)	0.120	0.122	mg/L	1	0.1	120	122	70 - 130

Report Date: December 8, 2014
NM-2016

Work Order: 14120103
TNM SPS-11

Page Number: 29 of 34
West of Hobbs, NM

Matrix Spike (MS-1) Spiked Sample: 381250

QC Batch: 117785
Prep Batch: 99587

Date Analyzed: 2014-12-08
QC Preparation: 2014-12-07

Analyzed By: AK
Prepared By: AK

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.108	mg/L	1	0.100	0.0128	95	70 - 130
Toluene		1	0.102	mg/L	1	0.100	0.008	94	70 - 130
Ethylbenzene		1	0.0967	mg/L	1	0.100	<0.000423	97	70 - 130
Xylene		1	0.287	mg/L	1	0.300	0.0098	92	70 - 130

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

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.108	mg/L	1	0.100	0.0128	95	70 - 130	0	20
Toluene		1	0.101	mg/L	1	0.100	0.008	93	70 - 130	1	20
Ethylbenzene		1	0.0983	mg/L	1	0.100	<0.000423	98	70 - 130	2	20
Xylene		1	0.292	mg/L	1	0.300	0.0098	94	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)	0.103	0.102	mg/L	1	0.1	103	102	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0980	0.0963	mg/L	1	0.1	98	96	70 - 130

Calibration Standards

Standard (CCV-2)

QC Batch: 117734

Date Analyzed: 2014-12-04

Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.103	103	80 - 120	2014-12-04
Toluene		1	mg/L	0.100	0.101	101	80 - 120	2014-12-04
Ethylbenzene		1	mg/L	0.100	0.102	102	80 - 120	2014-12-04
Xylene		1	mg/L	0.300	0.298	99	80 - 120	2014-12-04

Standard (CCV-3)

QC Batch: 117734

Date Analyzed: 2014-12-04

Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0997	100	80 - 120	2014-12-04
Toluene		1	mg/L	0.100	0.0972	97	80 - 120	2014-12-04
Ethylbenzene		1	mg/L	0.100	0.0964	96	80 - 120	2014-12-04
Xylene		1	mg/L	0.300	0.283	94	80 - 120	2014-12-04

Standard (CCV-1)

QC Batch: 117779

Date Analyzed: 2014-12-06

Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.102	102	80 - 120	2014-12-06
Toluene		1	mg/L	0.100	0.101	101	80 - 120	2014-12-06
Ethylbenzene		1	mg/L	0.100	0.101	101	80 - 120	2014-12-06
Xylene		1	mg/L	0.300	0.299	100	80 - 120	2014-12-06

Report Date: December 8, 2014
NM-2016

Work Order: 14120103
TNM SPS-11

Page Number: 31 of 34
West of Hobbs, NM

Standard (CCV-2)

QC Batch: 117779

Date Analyzed: 2014-12-06

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	2014-12-06
Toluene		1	mg/L	0.100	0.102	102	80 - 120	2014-12-06
Ethylbenzene		1	mg/L	0.100	0.102	102	80 - 120	2014-12-06
Xylene		1	mg/L	0.300	0.299	100	80 - 120	2014-12-06

Standard (CCV-3)

QC Batch: 117779

Date Analyzed: 2014-12-06

Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.101	101	80 - 120	2014-12-06
Toluene		1	mg/L	0.100	0.0998	100	80 - 120	2014-12-06
Ethylbenzene		1	mg/L	0.100	0.100	100	80 - 120	2014-12-06
Xylene		1	mg/L	0.300	0.294	98	80 - 120	2014-12-06

Standard (CCV-1)

QC Batch: 117783

Date Analyzed: 2014-12-07

Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.101	101	80 - 120	2014-12-07
Toluene		1	mg/L	0.100	0.0998	100	80 - 120	2014-12-07
Ethylbenzene		1	mg/L	0.100	0.100	100	80 - 120	2014-12-07
Xylene		1	mg/L	0.300	0.294	98	80 - 120	2014-12-07

Standard (CCV-2)

QC Batch: 117783

Date Analyzed: 2014-12-07

Analyzed By: AK

Report Date: December 8, 2014
NM-2016

Work Order: 14120103
TNM SPS-11

Page Number: 32 of 34
West of Hobbs, NM

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.102	102	80 - 120	2014-12-07
Toluene		1	mg/L	0.100	0.102	102	80 - 120	2014-12-07
Ethylbenzene		1	mg/L	0.100	0.103	103	80 - 120	2014-12-07
Xylene		1	mg/L	0.300	0.301	100	80 - 120	2014-12-07

Standard (CCV-2)

QC Batch: 117785

Date Analyzed: 2014-12-08

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	0.0996	100	80 - 120	2014-12-08
Toluene		1	mg/L	0.100	0.0989	99	80 - 120	2014-12-08
Ethylbenzene		1	mg/L	0.100	0.0965	96	80 - 120	2014-12-08
Xylene		1	mg/L	0.300	0.286	95	80 - 120	2014-12-08

Standard (CCV-3)

QC Batch: 117785

Date Analyzed: 2014-12-08

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	0.100	100	80 - 120	2014-12-08
Toluene		1	mg/L	0.100	0.0981	98	80 - 120	2014-12-08
Ethylbenzene		1	mg/L	0.100	0.0993	99	80 - 120	2014-12-08
Xylene		1	mg/L	0.300	0.287	96	80 - 120	2014-12-08

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	T104704392-14-8	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

Result Comments

- 1 Surrogate low due to matrix effect; confirmation analysis.
- 2 Surrogate low due to matrix effect; confirmation analysis.

Attachments

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

Carrier #

Release Notification and Corrective Action
NMOCD Form C-141

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

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

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

Release Notification and Corrective Action

OPERATOR

x Initial Report ☐ Final Report

Name of Company	Plains Pipeline, LP	Contact:	Camille Reynolds
Address:	3705 E. Hwy 158, Midland, TX 79706	Telephone No.	505-441-0965
Facility Name	SPS #11	Facility Type:	Pipeline

Surface Owner: New Mexico State Land Office	Mineral Owner	Lease No.
--	---------------	-----------

LOCATION OF RELEASE

Unit Letter F	Section 18	Township 18S	Range 36E	Feet from the	North/South Line	Feet from the	East/West Line	County Lea
------------------	---------------	-----------------	--------------	---------------	------------------	---------------	----------------	---------------

Latitude 32 degrees 44' 50.3" **Longitude** 103 degrees 23' 36.5"

NATURE OF RELEASE

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

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

Describe Area Affected and Cleanup Action Taken.*

NOTE: Texas-New Mexico Pipeline was the owner/operator of the pipeline system at the time of the release, initial response information is unavailable .

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

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

* Attach Additional Sheets If Necessary