



2057 Commerce Drive
Midland, TX 79703

432.520.7720 PHONE
432.520.7701 FAX

www.TRCSolutions.com

March 26, 2017

Dr. Tomas Oberding
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

RE: Plains Marketing, LP
TNM SPS-11
NMOCD Reference Number: GW-0140
NW ¼ SE ¼, Section 18, Township 18 South, Range 36 East
Lea County, New Mexico

Dear Dr. Oberding,

On behalf of Plains Marketing, L.P. (Plains), TRC Environmental Corporation (TRC) is pleased to submit this 2016 Annual Monitoring Report to the New Mexico Oil Conservation Division (NMOCD) for the TNM SPS-11 Release Site.

Based on a review groundwater sample analytical data collected from project inception through the 4th quarter of 2016, TRC on behalf on Plains, proposes the following modifications to 2017 Groundwater Sampling Schedule:

NMOCD approval to modify the following monitor wells from a quarterly sampling schedule to an annual sampling schedule:

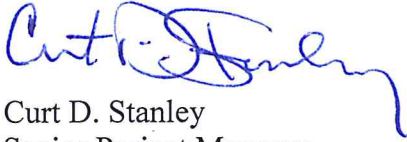
- MW-12 (below NMOCD regulatory guidelines since the 2nd quarter of 2012)
- MW-34 (below NMOCD regulatory guidelines since the 4th quarter of 2009)
- MW-37 (below NMOCD regulatory guidelines since the 4th quarter of 2006)
- MW-38 (below NMOCD regulatory guidelines since the 3rd quarter of 2006)
- MW-40 (below NMOCD regulatory guidelines since the 4th quarter of 2010)

NMOCD approval to modify the following monitor well from a semi-annual sampling schedule to an annual sampling schedule:

- MW-18 (below NMOCD regulatory guidelines since the 3rd quarter of 1999)

If you have any questions, or if additional information is required, please feel free to call me at 432-520-7720 (office) or 432-559-3296 (cell) or Camille Bryant (Plains) at 575-441-1099.

Respectfully submitted,



Curt D. Stanley
Senior Project Manager
TRC Environmental Corporation



**2016
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

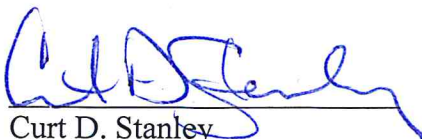
PREPARED FOR:

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

PREPARED BY:

TRC ENVIRONMENTAL CORPORATION
2057 Commerce
Midland, Texas 79703

March 2017


Curt D. Stanley
Senior Project Manager


Jeffrey Kindley, P.G.
Senior Project Manager

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ENCLOSED ON DATA DISK

2016 Annual Monitoring Report

2016 Tables 1, 2, and 3 – Groundwater Elevation, BTEX, and PAH Concentration Tables

2016 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 Environmental Corporation (TRC) is pleased to submit this 2016 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 2016 only. However, historical data tables as well as 2016 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 2016 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 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 indicated 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, 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 on approval of the NMOCD.

There are currently thirty-five (35) monitor wells (MW-1 through MW-4, MW-6, MW-7, MW-9 through MW-19, MW-21, MW-23 through MW-26, and MW-28 through MW-40) 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 4.10 feet as recorded in monitor well MW-4 on December 28, 2016. The average thickness of PSH in monitor wells exhibiting PSH was 1.11 feet. PSH data for the 2016 gauging events can be found in Table 1. PSH recovery is performed on a weekly schedule by manual recovery methods. Approximately 273.35 gallons (6.51 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 2-3, May 10-11, August 8-9, and November 14-16, 2016. 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 2016, are depicted on Figures 3A - 3D, the Inferred Groundwater Gradient Maps. Groundwater elevation data for 2016 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, indicated a general gradient of 0.0029 feet/foot to the southeast. The corrected groundwater elevations ranged between 3,792.34 and 3,803.01 feet above mean sea level, in monitor well MW-35 on December 14, 2016 and in monitor well MW-25 on February 2, 2016, respectively. PSH data for the 2016 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 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 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 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 2016.

Groundwater samples obtained during the quarterly sampling events of 2016 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 by EPA Method 8270, was conducted during the 2016 calendar year on monitor well MW-14. Based upon historic PAH analytical data, only this well exhibited elevated constituent concentrations above NMWQCC standards and therefore will be sampled, with the exclusion of those wells containing measurable PSH thicknesses. A listing of BTEX constituent concentrations for 2016 are summarized in Table 2 and the 2016 PAH constituent

concentrations are summarized in Table 3. Copies of the laboratory reports generated for 2016 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 Monitor Wells

Monitor well MW-6 is sampled on a quarterly schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable 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 indicated 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 the analytical results indicated benzene concentrations ranged from 0.00140 mg/L during the 2nd quarter to 0.112 mg/L during the 3rd quarter of 2016. Benzene concentrations were above NMOCD regulatory guidelines during the 1st, 3rd, and 4th quarters of the reporting period. Toluene concentrations were less than the applicable laboratory MDL and NMOCD regulatory standard during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from less than the applicable laboratory MDL during the 2nd quarter to 0.0207 mg/L during the 3rd quarter of 2016. Ethylbenzene concentrations were below the NMOCD regulatory guidelines all four (4) quarters of the reporting period. Xylene concentrations ranged from less than the applicable laboratory MDL during the 1st and 2nd quarters to 0.00870 mg/L during the 3rd quarter of 2016. Xylene 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 the analytical results indicated benzene concentrations ranged from less than the applicable laboratory MDL during the 1st, 2nd, and 3rd quarters to 0.00110 mg/L during the 4th quarter of the reporting period. Benzene concentrations were below the NMOCD regulatory guidelines all four (4) quarters of the reporting period. Toluene, ethylbenzene, and xylene concentrations were less than the applicable laboratory MDL and NMOCD regulatory guidelines for all four (4) quarters of the reporting period. The analytical results indicated BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 2nd quarter of 2012. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-13 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory MDL and the NMOCD regulatory guidelines for each BTEX constituent during the 4th quarter sampling event. The analytical results indicated 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 and the analytical results indicated benzene concentrations ranged from 1.23 mg/L during the 3rd quarter to 2.10 mg/L during the 2nd quarter of 2016. Benzene concentrations were above NMOCD regulatory guidelines during the

four (4) quarters of the reporting period. Toluene and xylene concentrations were less than the applicable laboratory MDL and NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from less than the applicable laboratory MDL during the 1st, 2nd, and 4th quarters to 0.0528 mg/L during the 3rd quarter of 2016. Ethylbenzene concentrations were below NMOCD regulatory guidelines during the four (4) quarters of the reporting period.

PAH analysis during the 4th quarter sampling event indicated all concentrations were below laboratory MDLs and NMWQCC Drinking Water Standards during the reporting period. Please note, the laboratory was required to dilute the sample, which consequently raised the constituent reporting limits (0.000200 mg/L) above the applicable NMWQCC Drinking Water Standards for benzo[a]anthracene (0.0001 mg/L).

Monitor well MW-15 is sampled on a quarterly schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory MDL and NMOCD regulatory guidelines for each BTEX constituent during the four (4) quarters of the reporting period. The analytical results indicated 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 the analytical results indicated benzene concentrations ranged from less than the applicable laboratory MDL during the 1st quarter to 0.0125 mg/L during the 4th quarter of 2016. Benzene concentrations were above NMOCD regulatory guidelines during the 4th quarter of the reporting period. Toluene concentrations ranged from less than the applicable laboratory MDL during the 1st quarter to 0.00620 mg/L during the 2nd quarter of 2016. Toluene concentrations were below NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from less than the applicable laboratory MDL during the 1st and 4th quarters to 0.00150 mg/L during the 2nd quarter of 2016. Ethylbenzene concentrations were below NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Xylene concentrations ranged from less than the applicable laboratory MDL during the 1st quarter to 0.00260 mg/L during the 4th quarter of 2016. 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-23 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory MDL and the NMOCD regulatory guidelines for each BTEX constituent during the 4th quarter sampling event. The analytical results indicated 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 and the analytical results indicated benzene concentrations ranged from less than the applicable laboratory MDL in the 1st and 2nd quarters to 0.0270 mg/L in the 4th quarter of the reporting period. Benzene concentrations were above the NMOCD regulatory guidelines during the 4th quarter of the reporting period. Toluene

concentrations ranged from less than the applicable laboratory MDL during the 1st, 3rd, and 4th quarters to 0.00530 mg/L during the 2nd quarter of 2016. Toluene concentrations were below NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from less than the applicable laboratory MDL during the 1st and 3rd quarters to 0.0226 mg/L during the 4th quarter of 2016. Ethylbenzene concentrations were below NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Xylene concentrations ranged from less than the applicable laboratory MDL during the 1st, 3rd, and 4th quarters to 0.0111 mg/L during the 2nd quarter of 2016. 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-25 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory MDL and the NMOCD regulatory standard for each BTEX constituent during the 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below NMOCD regulatory guidelines since 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 0.39 feet, 1.78 feet, 1.04 feet, and 1.42 feet were reported during the 1st, 2nd, 3rd, and 4th quarters of 2016, 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 the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory MDL and the NMOCD regulatory guidelines for each BTEX constituent during the 4th quarter sampling event. The analytical results indicated 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 the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory MDL and the NMOCD regulatory standard for each BTEX constituent during the 4th quarter sampling event. The analytical results indicated 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 0.88 feet, 0.28 feet, 1.01 feet, and 3.73 feet were reported during the 1st, 2nd, 3rd, and 4th quarters of 2016, 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 0.29 feet, 0.27 feet, 0.37 feet, and 0.44 feet were reported during the 1st, 2nd, 3rd, and 4th quarters of 2016, 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 and the analytical results indicated benzene concentrations ranged from less than the applicable laboratory MDL during the 1st, 2nd, and 4th quarters to 0.00110 mg/L during the 3rd quarter of 2016. Benzene concentrations were below than NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene and xylene concentrations were less than the applicable laboratory MDL and NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.00200 mg/L during the 4th quarter to 0.0720 mg/L during the 2nd quarter of 2016. 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 2.77 feet, 2.84 feet, 3.10 feet, and 3.76 feet were reported during the 1st, 2nd, 3rd, and 4th quarters of 2016, 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 the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory MDL and the NMOCD regulatory standard for each BTEX constituent during the 2nd and 4th quarter sampling events. The analytical results indicated BTEX constituent concentrations have been below NMOCD regulatory guidelines since 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 the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory MDL and the NMOCD regulatory standard for each BTEX constituent during the 4th quarter of the reporting period. The analytical results indicated 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 the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory MDL and the NMOCD regulatory standard for each BTEX constituent during the 4th quarter sampling event. The analytical results indicated 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 the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory MDL and the NMOCD regulatory standard for each BTEX constituent during the four (4) quarters of the reporting period. The analytical results indicated 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 the analytical results indicated benzene concentrations ranged from 0.00100 mg/L during the 2nd quarter to 0.00450 mg/L during the 3rd quarter of 2016. Benzene concentrations were below NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from less than the applicable laboratory MDL during the 1st and 2nd quarters to 0.00100 mg/L during the 3rd and 4th quarters of 2016. Toluene concentrations were below NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations were less than the applicable laboratory MDL and NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Xylene concentrations ranged from 0.00140 mg/L during the 2nd quarter to 0.00270 mg/L during the 4th quarter of 2016. 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 the analytical results indicated benzene concentrations ranged from 0.147 mg/L during the 1st and 2nd quarters to 0.311 mg/L during the 4th quarter of 2016. Benzene concentrations were above NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from 0.00330 mg/L during the 3rd quarter to 0.0241 mg/L during the 4th quarter of 2016. Toluene concentrations were below NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0509 mg/L during the 2nd quarter to 0.125 mg/L during the 4th quarter of 2016. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Xylene concentrations ranged from 0.0240 mg/L during the 2nd quarter to 0.0541 mg/L during the 4th quarter of 2016. 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 and the analytical results indicated benzene concentrations ranged from 0.0313 mg/L during the 3rd quarter to 0.0977 mg/L during the 4th quarter of 2016. Benzene concentrations were above NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Toluene concentrations were less than the applicable laboratory MDL and NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0108 mg/L during the 3rd quarter to 0.0507 mg/L during the 4th quarter of 2016. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Xylene concentrations ranged from 0.00140 during the 3rd quarter to 0.0100 mg/L during the 4th quarter of 2016. 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 and the analytical results indicated benzene concentrations ranged from less than the applicable laboratory MDL during the 4th quarter to 0.0148 mg/L during the 1st quarter. Benzene concentrations were above NMOCD regulatory guidelines during the 1st quarter of the reporting period. Toluene and xylene concentrations were less than the applicable laboratory MDL and NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from less than the applicable laboratory MDL during the 2nd and 4th quarters to 0.00170 mg/L during the 1st quarter of 2016. Ethylbenzene 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 the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory MDL and the NMOCD regulatory standard for each BTEX constituent during the 4th quarter sampling event. The analytical results indicated 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-31 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory MDL and the NMOCD regulatory standard for each BTEX constituent during the 4th quarter sampling event. The analytical results indicated 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-32 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.170 mg/L during the 2nd quarter to 0.535 mg/L during the 1st quarter of 2016. Benzene concentrations were above NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Toluene concentrations ranged from less than the applicable laboratory MDL during the 1st quarter to 0.00910 mg/L during the 4th quarter of 2016. Toluene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from less than the applicable laboratory MDL during the 1st quarter to 0.0273 mg/L during the 4th quarter of 2016. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Xylene concentrations ranged from less than the applicable laboratory MDL during the 1st quarter to 0.0199 mg/L during the 4th quarter of 2016. Xylene 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 the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory MDL and the NMOCD regulatory standard for each BTEX constituent during the four (4) quarters of the reporting period. The analytical results indicated BTEX constituent concentrations have been below NMOCD regulatory guidelines since 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 the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory MDL and the NMOCD regulatory standard for each BTEX constituent during the four (4) quarters of the reporting period. The analytical results indicated 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 the analytical results indicated benzene concentrations ranged from less than the applicable laboratory MDL during the 2nd and 3rd quarters to 0.00140 mg/L during the 1st quarter of 2016. Benzene concentrations were below NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Toluene concentrations were less than the applicable laboratory MDL and NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from less than the applicable laboratory MDL during the 2nd quarter to 0.00560 mg/L during the 1st quarter of 2016. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Xylene concentrations ranged from less than the applicable laboratory MDL during the 2nd quarter to 0.00570 mg/L during the 1st quarter of 2016. Xylene concentrations were below NMOCD regulatory guidelines during the four (4) quarters of the reporting period. The analytical results indicated BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 3rd quarter of 2012. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-36 is sampled on a quarterly schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory MDL and the NMOCD regulatory standard for each BTEX constituent during the four (4) quarters of the reporting period. The analytical results indicated 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 the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory MDL and the NMOCD regulatory standard for each BTEX constituent during the four (4) quarters of the reporting period. The analytical results indicated BTEX constituent concentrations have been below NMOCD regulatory guidelines since 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 the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory MDL and the NMOCD regulatory standard for each BTEX constituent during the four (4) quarters of the reporting period. The analytical results indicated BTEX constituent concentrations have been below NMOCD regulatory guidelines since 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 the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory MDL and the NMOCD regulatory standard for each BTEX constituent during the four (4) quarters of the

reporting period. The analytical results indicated 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.

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 2016. There are currently thirty-five (35) monitor wells (MW-1 through MW-4, MW-6, MW-7, MW-9 through MW-19, MW-21, MW-23 through MW-26, MW-28 through MW-40), in three (3) separate plumes on site. The most recent Inferred Groundwater Gradient Map, Figure 3D, indicated 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 2016. The maximum thickness of PSH in the monitor wells was 4.10 feet as recorded in monitor well MW-4 on December 28, 2016. The average thickness of PSH in monitor wells exhibiting PSH is 1.11 feet. Approximately 273.35 gallons (6.51 barrels) of PSH was recovered manually from the site during this reporting period.

Review of laboratory analytical results from samples collected from monitor wells within Area 1 indicated BTEX constituent concentrations are below NMOCD regulatory guidelines in six (6) of the ten (10) monitor wells within Area 1, in the 4th quarter of the reporting period. Review of PAH analysis indicated, monitor well MW-14 exhibits PAH concentrations less than the applicable laboratory MDL. Please note, the laboratory was required to dilute the sample, which consequently raised the constituent reporting limits (0.000200 mg/L) above the applicable NMWQCC Drinking Water Standards for benzo[a]anthracene (0.0001 mg/L).

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

Review of laboratory analytical results from samples collected from monitor wells within Area 3 indicated BTEX constituent concentrations are below NMOCD regulatory guidelines in eleven (11) of the fourteen (14) monitor wells within Area 3, in the 4th quarter of the reporting period. PAH analysis was not required on groundwater samples collected from Area 3 monitor wells.

ANTICIPATED ACTIONS

Groundwater monitoring and weekly PSH recovery will continue in 2017.

Plains requests NMOCD approval to modify the following monitor wells from a quarterly sampling schedule to an annual sampling schedule:

- MW-12 (below NMOCD regulatory guidelines since the 2nd quarter of 2012)
- MW-34 (below NMOCD regulatory guidelines since the 4th quarter of 2009)
- MW-37 (below NMOCD regulatory guidelines since the 4th quarter of 2006)
- MW-38 (below NMOCD regulatory guidelines since the 3rd quarter of 2006)
- MW-40 (below NMOCD regulatory guidelines since the 4th quarter of 2010)

In addition, Plains request NMOCD approval to modify the following monitor well from a semi-annual sampling schedule to an annual sampling schedule:

- MW-18 (below NMOCD regulatory guidelines since the 3rd quarter of 1999)

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, 2018.

Future PAH analysis will be conducted in monitor wells MW-1, MW-4, MW-7, MW-11, and MW-14, when measurable PSH is not observed.

LIMITATIONS

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

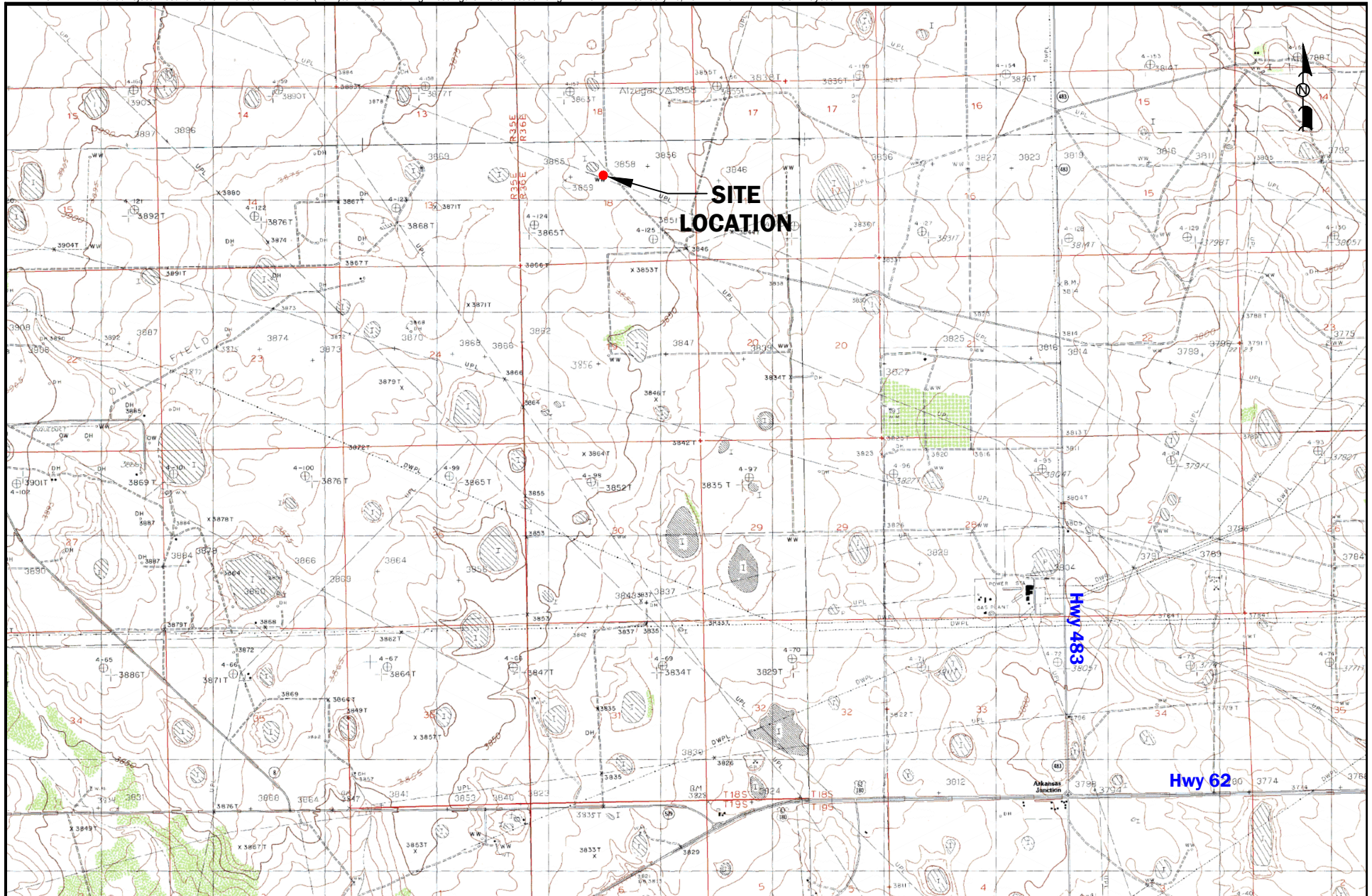
TRC has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. TRC has not conducted an independent examination of the facts contained in referenced materials and statements. We have presumed the genuineness of the documents and that 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 Dr. Tomas Oberding
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505
- Copy 2: 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.
577 US Hwy 385 N
Seminole, TX 79360
cjbryant@paalp.com
- Copy 4: Jeff Dann
Plains Marketing, L.P.
333 Clay Street
Suite 1600
Houston, TX 77002
jpdann@paalp.com
- Copy 5: TRC Environmental Corporation
2057 Commerce Street
Midland, TX 79703
cdstanley@trcsolutions.com

Figures



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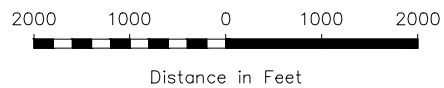


Figure 1
Site Location Map
Plains Marketing, L.P.
TNM SPS-11
NMOCD Reference # GW-0140-0
Lea County, NM

Scale: 1" = 2000'

CAD By: TA Checked By: CS

Draft: February 9, 2016

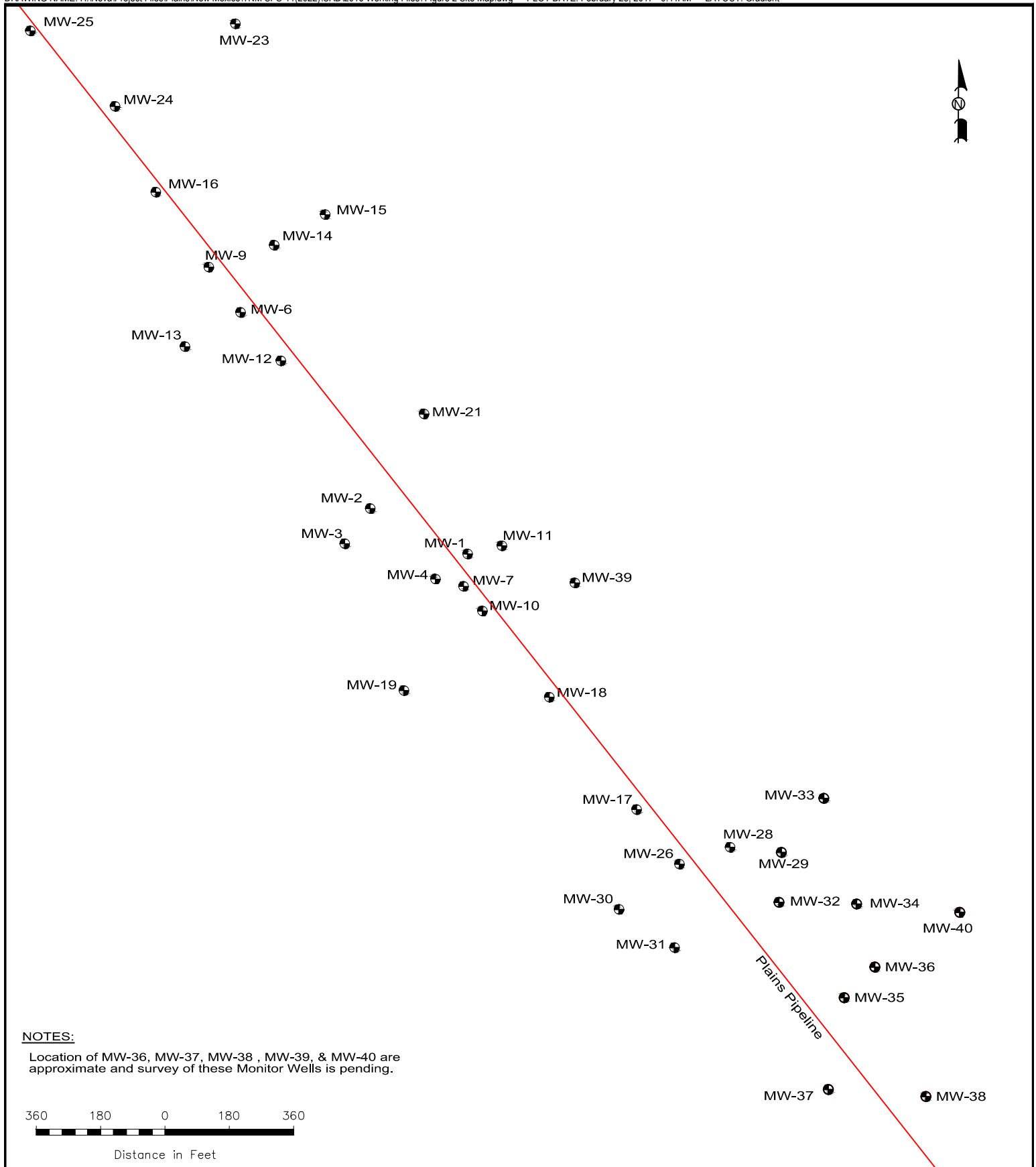
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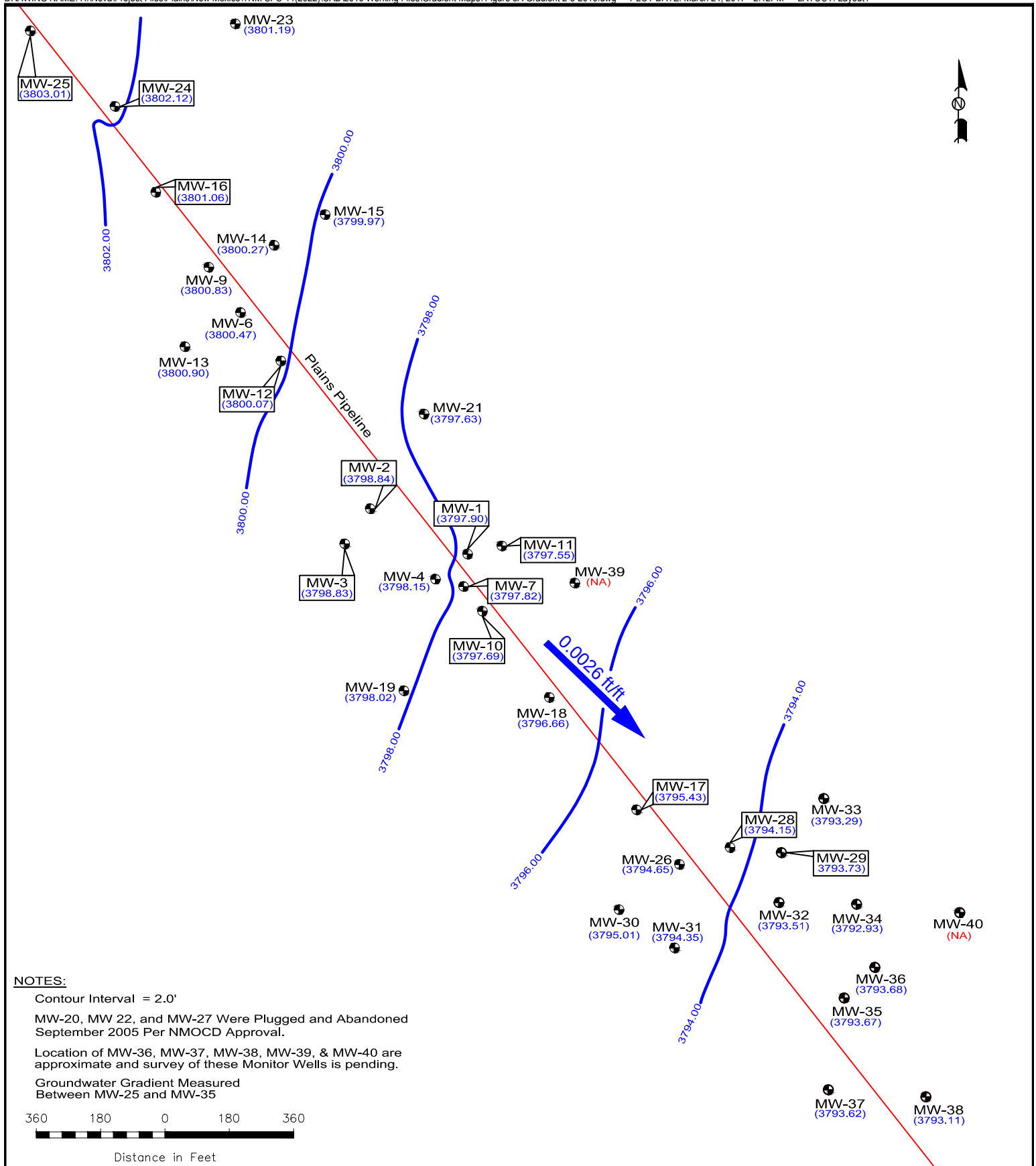
NW1/4 SE1/4 Sec 18 T18S R36E

TRC Proj. No.: 014174



2057 Commerce Drive
Midland, Texas 79703
432.520.7720





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 and survey of these Monitor Wells is pending.

Groundwater Gradient Measured Between MW-25 and MW-35

360 180 0 180 360

Distance in Feet

LEGEND:

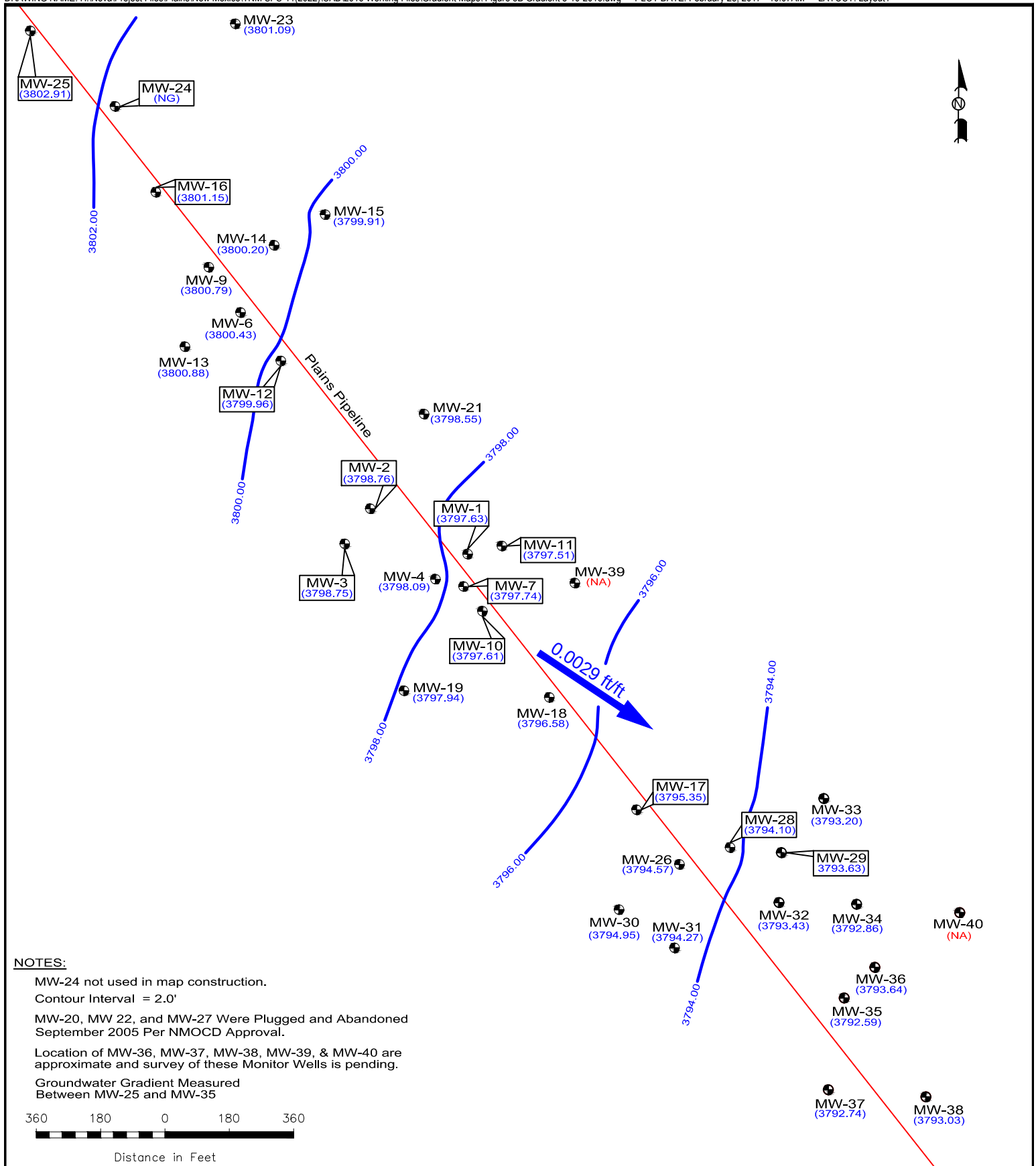
- Groundwater Gradient Contour Line
- 0.001 ft/ft Groundwater Gradient and Magnitude
- (3796.13) Groundwater Elevation (feet)
- Monitoring Well Location
- Soil Boring Location
- Producing Well Location
- (N/A) Not Available Survey pending

Figure 3A
Inferred Groundwater
Gradient Map
(2/2/2016 - 2/3/2016)
Plains Marketing, L.P.
TNM SPS-11
NMOCD Reference # GW-0140-0
Lea County, NM

Scale: 1" = 360'

CAD By: TA	Checked By: CS
Draft: February 16, 2016	
Lat. N 32.747305°, Long. W 103.393472°	
NW1/4 SE1/4 Sec 18 T18S R36E	
TRC Proj. No.: 014174	

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NOTES:

MW-24 not used in map construction.

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 and survey of these Monitor Wells is pending.

Groundwater Gradient Measured Between MW-25 and MW-35

360 180 0 180 360



Distance in Feet

LEGEND:

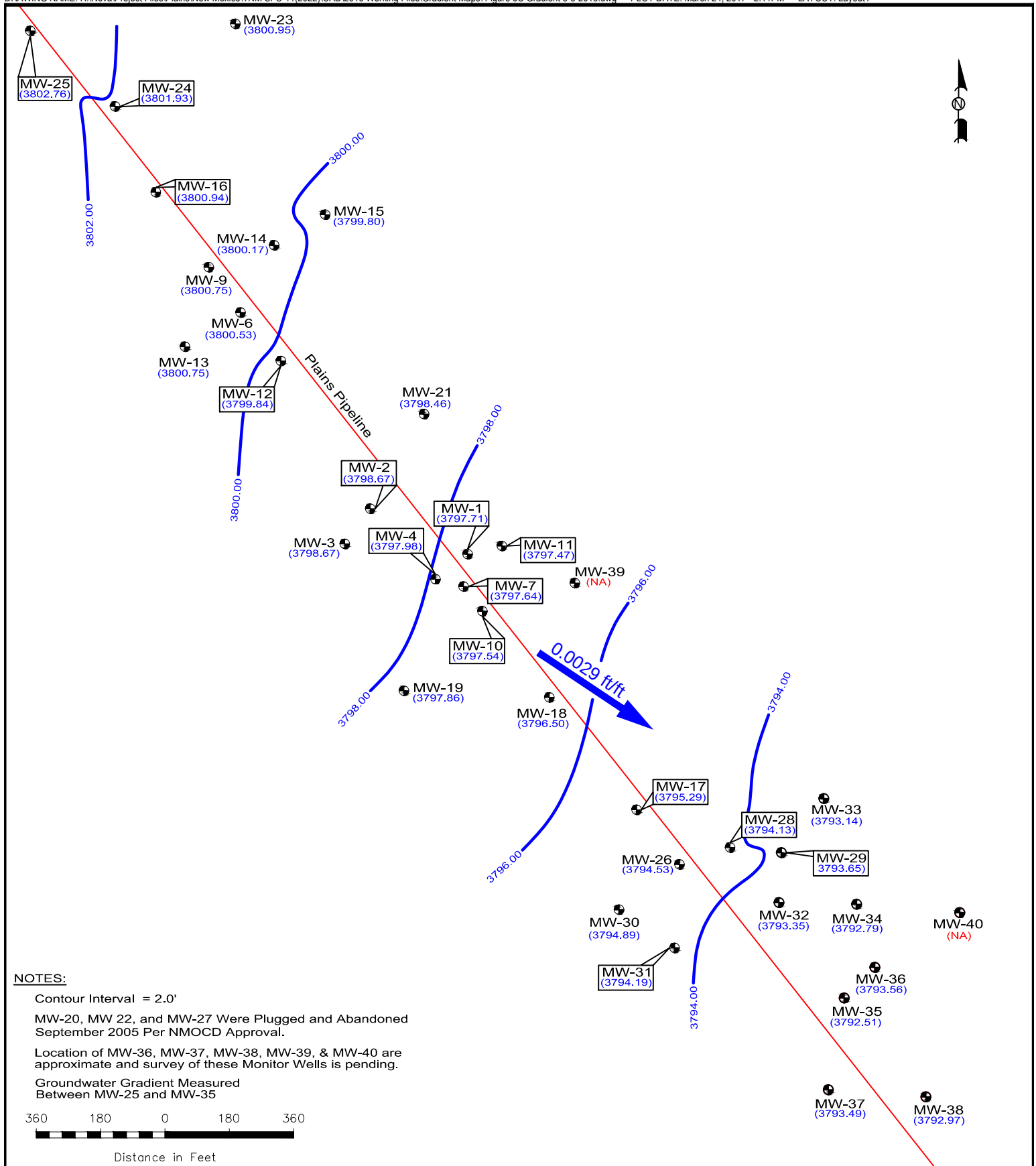
- Groundwater Gradient Contour Line (N/G) Not Gauged
- 0.001 ft/ft Groundwater Gradient and Magnitude
- (3796.13) Groundwater Elevation (feet)
- Monitoring Well Location
- Soil Boring Location
- Producing Well Location
- (N/A) Not Available Survey pending

Figure 3B
Inferred Groundwater
Gradient Map
(5/10/2016 - 5/11/2016)
Plains Marketing, L.P.
TNM SPS-11
NMOCD Reference # GW-0140-0
Lea County, NM

Scale: 1" = 360'

CAD By: TA	Checked By: CS
Draft: May 18, 2016	
Lat. N 32.747305°, Long. W 103.393472°	
NW1/4 SE1/4 Sec 18 T18S R36E	
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Groundwater Gradient Contour Line	(N/G)	Not Gauged
Groundwater Gradient and Magnitude	0.001 ft/ft	
Groundwater Elevation (feet)	(3796.13)	
Monitoring Well Location		
Soil Boring Location		
Producing Well Location		
Not Available Survey pending	(N/A)	

Figure 3C
Inferred Groundwater
Gradient Map
(8/8/2016 - 8/9/2016)
Plains Marketing, L.P.
TNM SPS-11
NMOCD Reference # GW-0140-0
Lea County, NM

Scale: 1" = 360'	
CAD By: TA	Checked By: CS
Draft: August 15, 2016	
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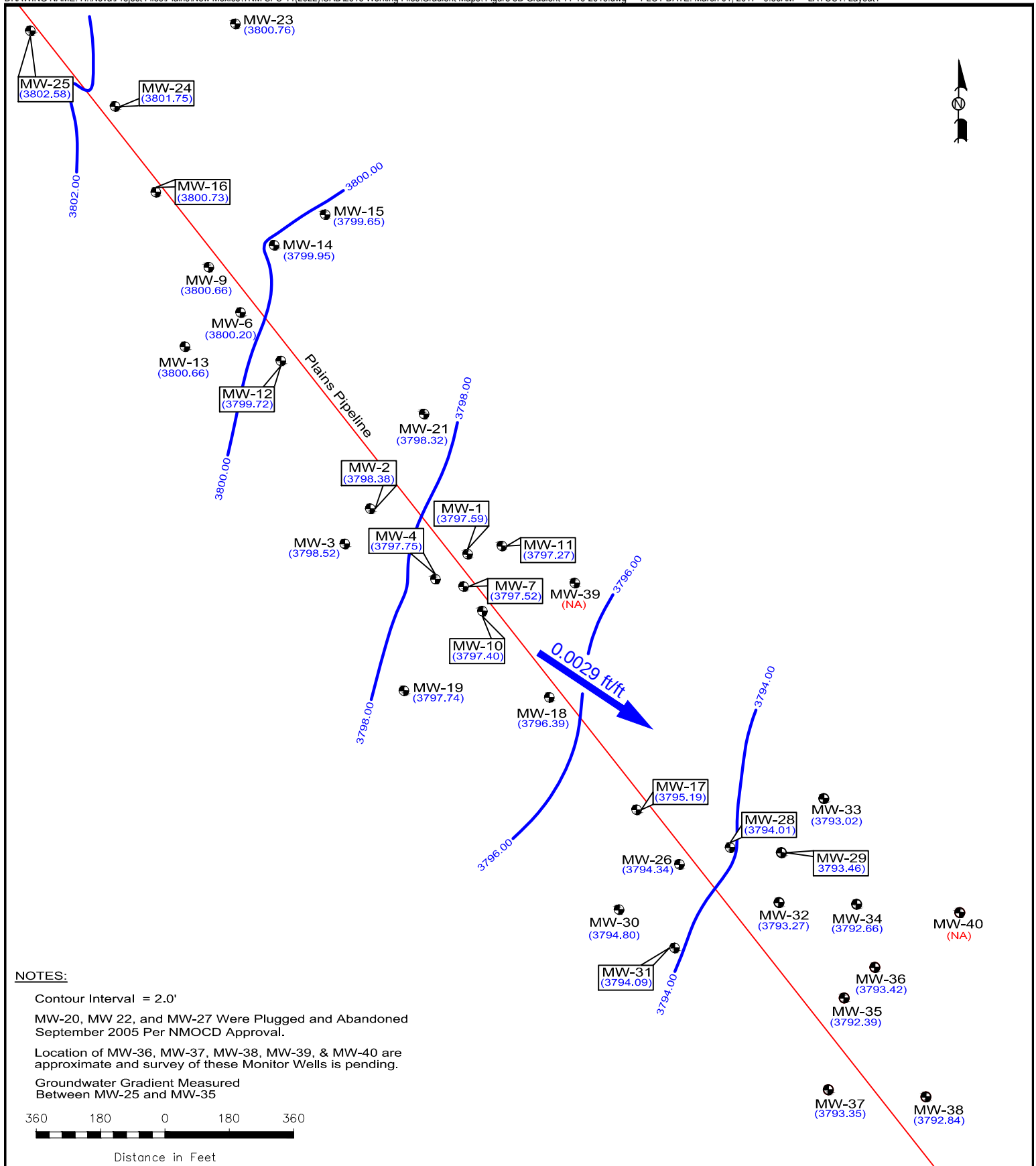


Figure 3D
Inferred Groundwater
Gradient Map
(11/14/2016 - 11/16/2016)
Plains Marketing, L.P.
TNM SPS-11
NMOCD Reference # GW-0140-0
Lea County, NM

Scale: 1" = 360'	
CAD By: TA	Checked By: CS
Draft: December 1, 2016	
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TRC Proj. No.: 014174	



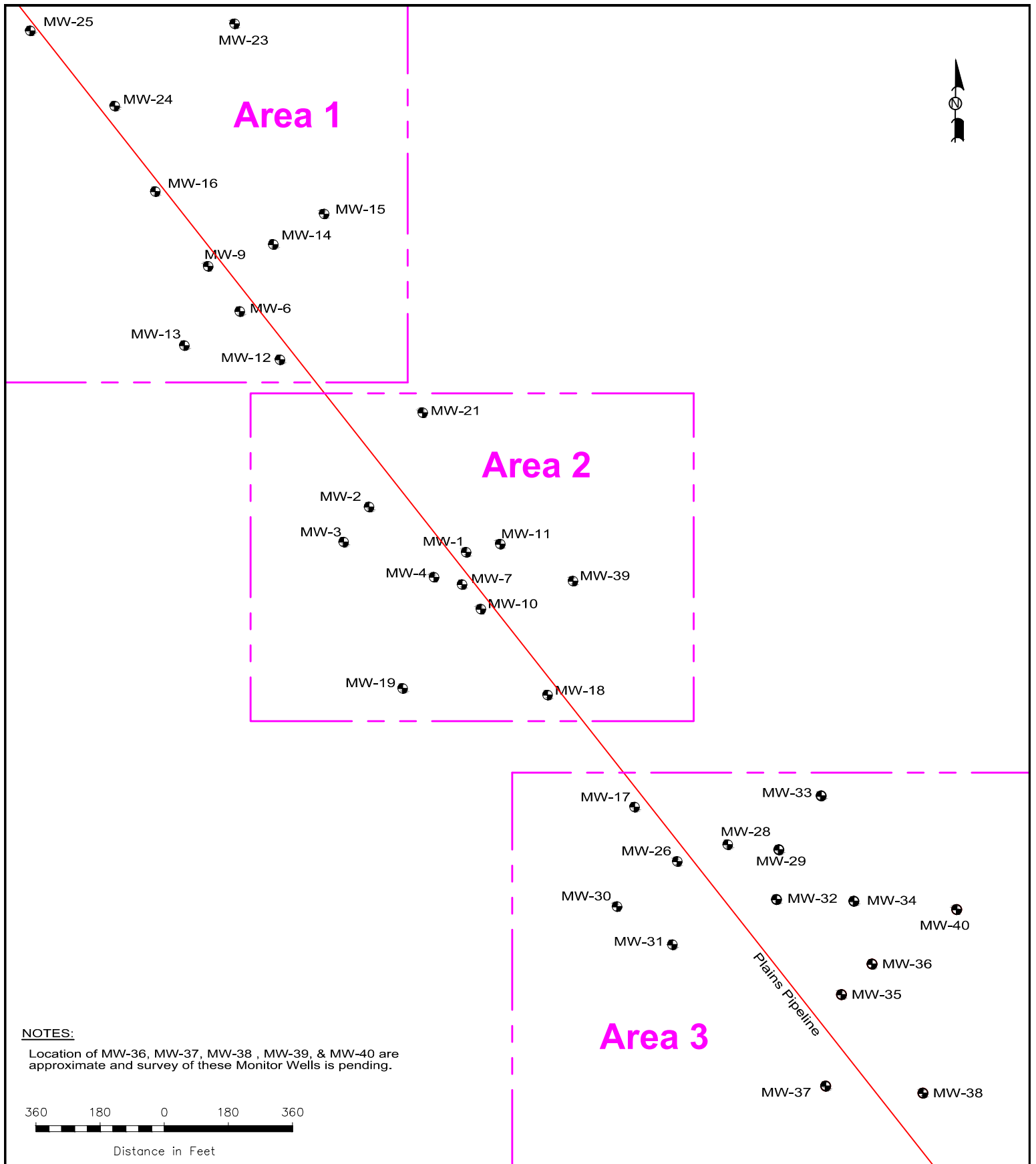
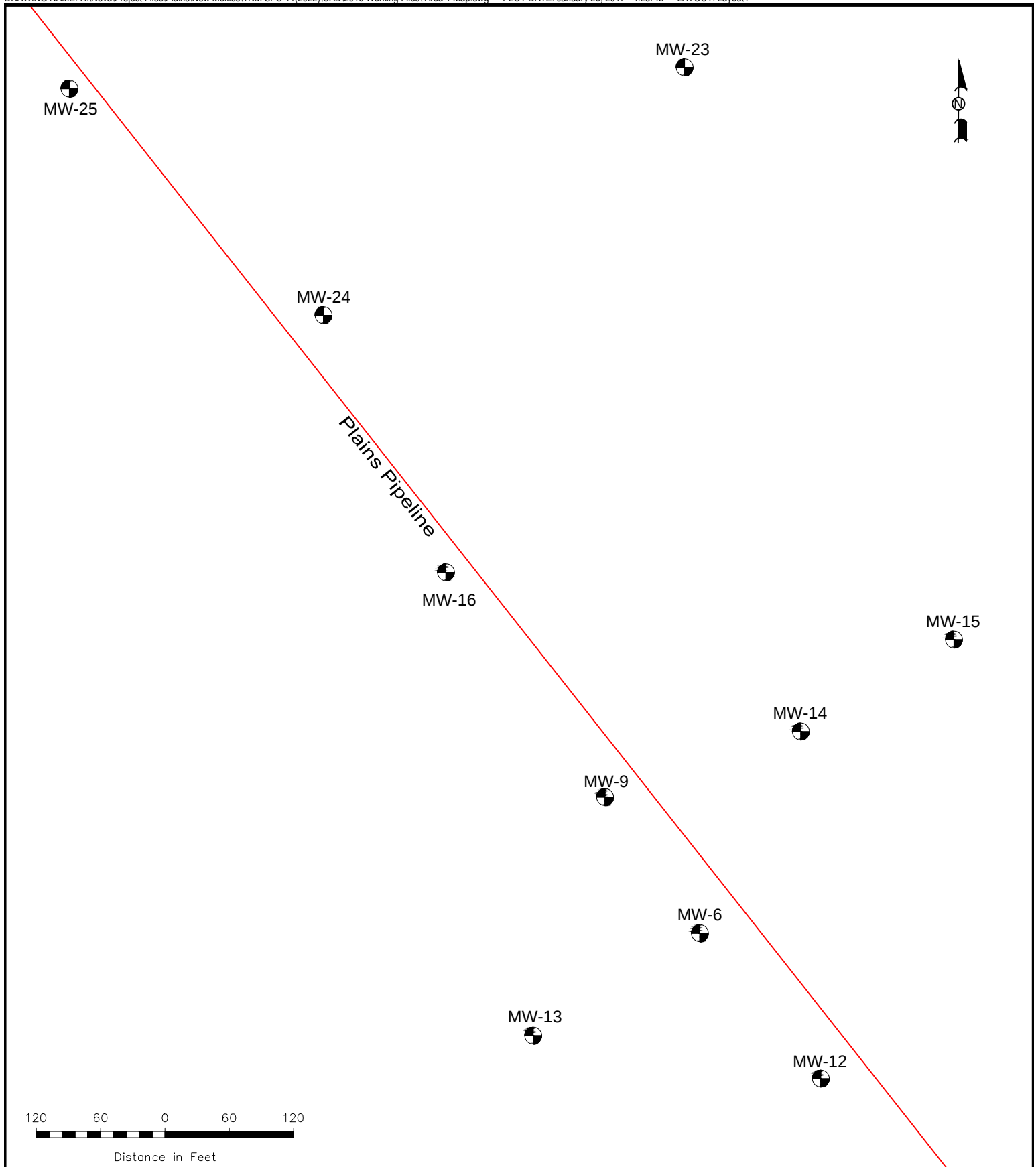


Figure 4
 Differentiated Site Map
 Plains Marketing, L.P.
 TNM SPS-11
 NMOCD Reference # GW-140-0
 Lea County, NM

Scale: 1" = 360'	
CAD By: TA	Checked By: CS
Draft: February 9, 2016	
Lat. N 32.747305°, Long. W 103.393472°	
NW1/4 SE1/4 Sec 18 T18S R36E	
TRC Proj. No.: 014174	



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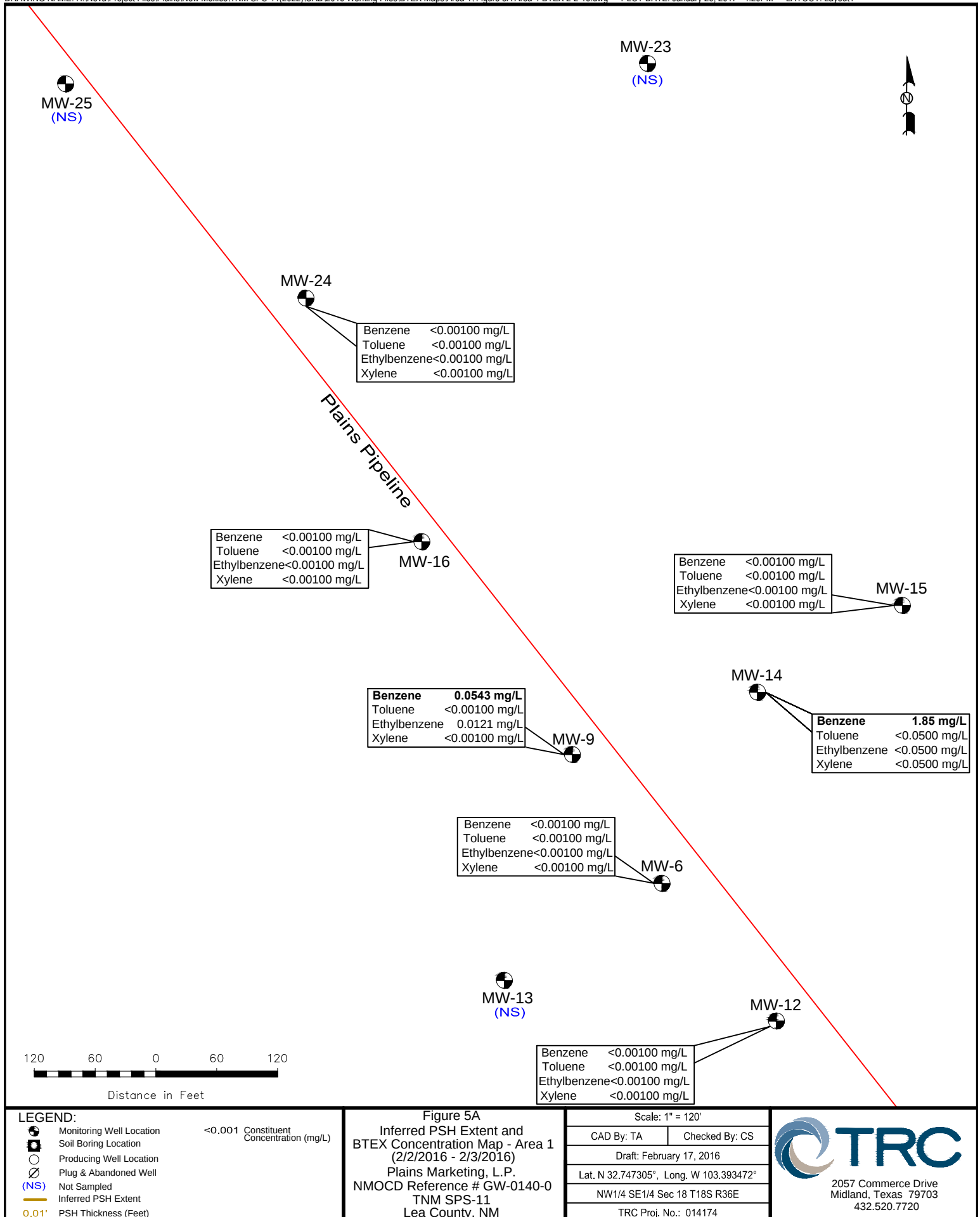
- Pipeline
- Monitor Well Location
- Producing Well Location
- Soil Boring Location
- Proposed Monitoring Well Location

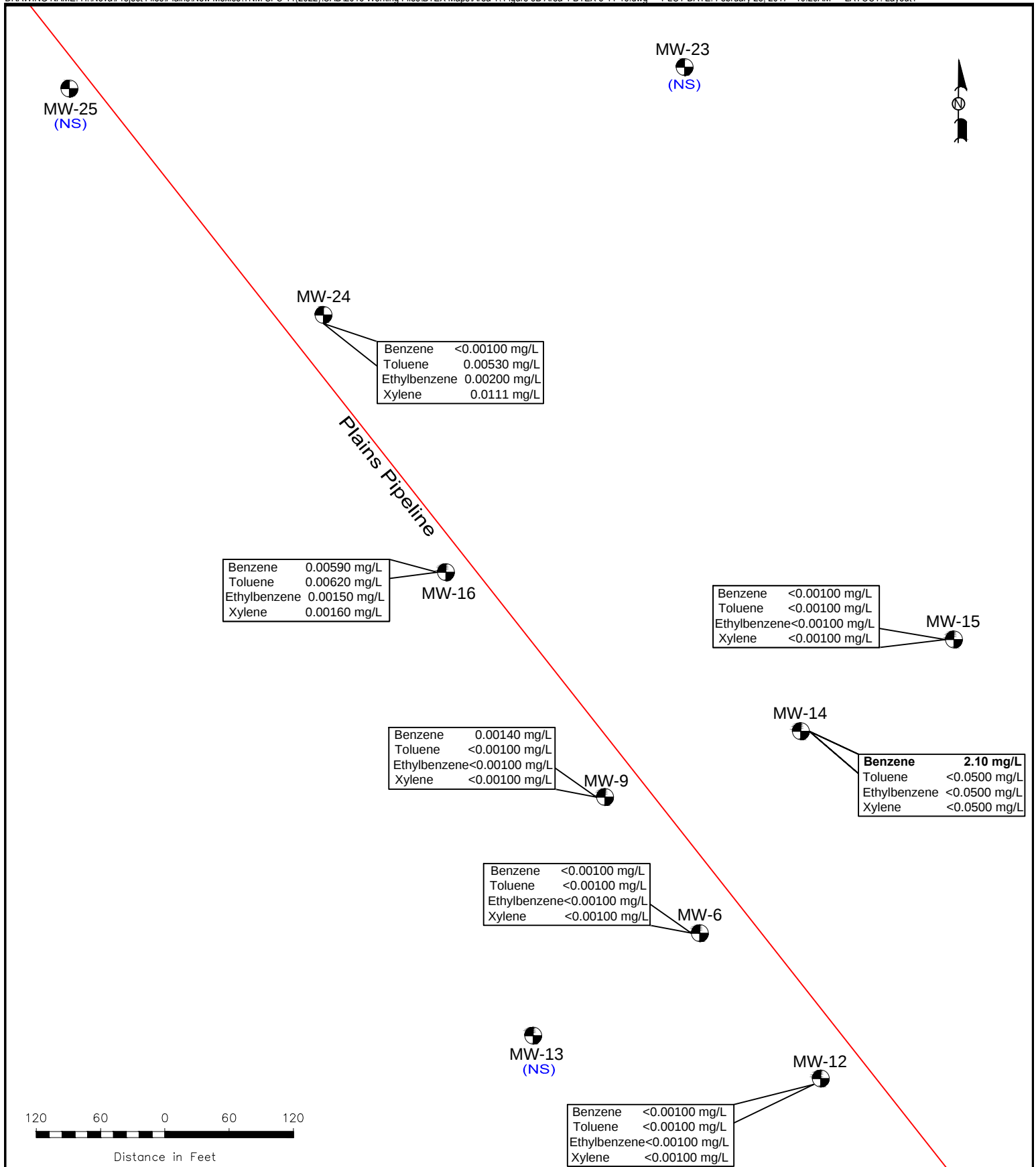
Figure 5
Area 1
Site Map
Plains Marketing, L.P.
TNM SPS-11
NMOCD Reference # GW-140-0
Lea County, NM

Scale: 1" = 120'

CAD By: TA	Checked By: CS
Draft: February 9, 2016	
Lat. N 32.747305°, Long. W 103.393472°	
NW1/4 SE1/4 Sec 18 T18S R36E	
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LEGEND:

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

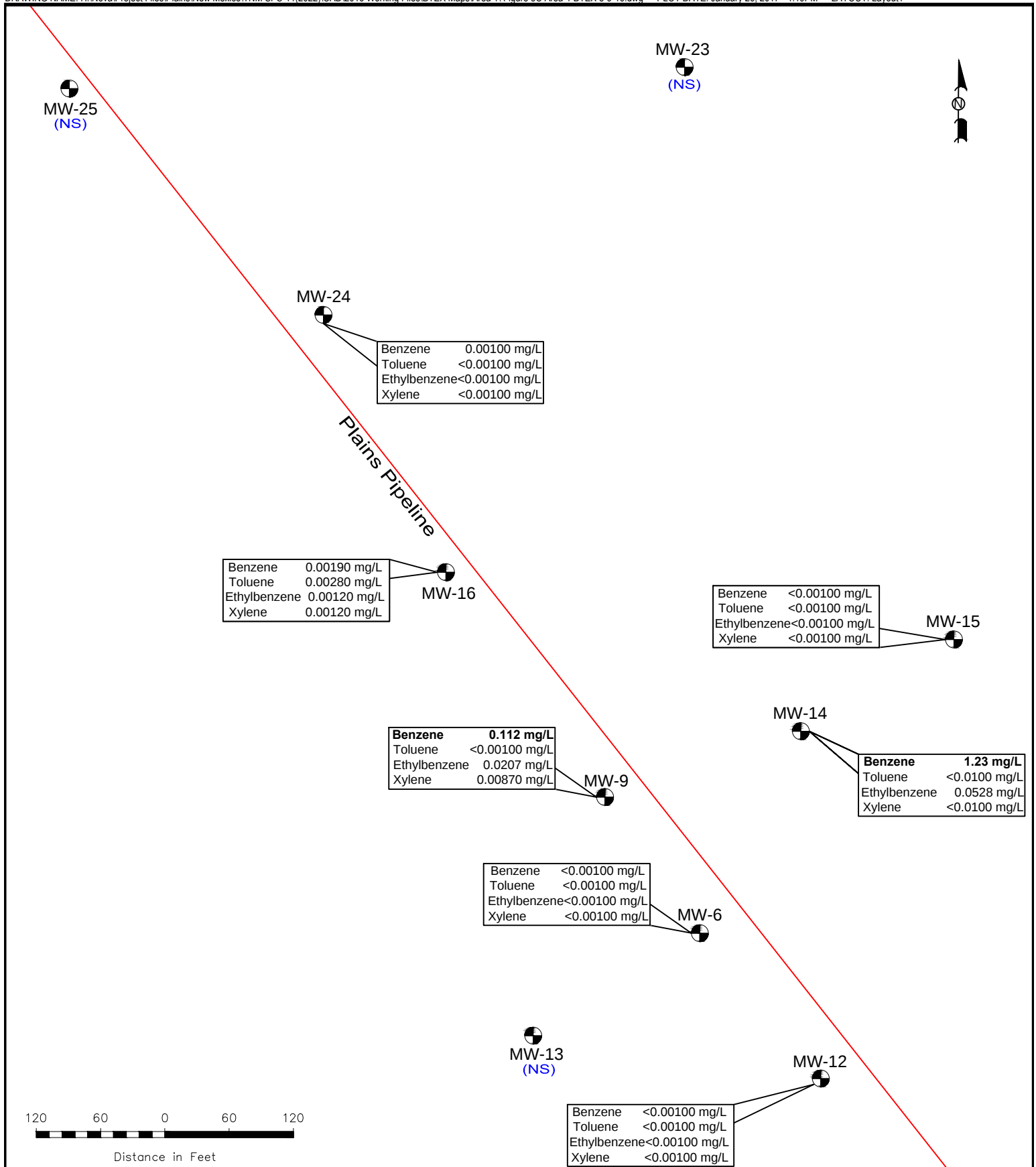
<0.001 Constituent Concentration (mg/L)

Figure 5B
Inferred PSH Extent and
BTEX Concentration Map - Area 1
(5/10/2016 - 5/11/2016)
Plains Marketing, L.P.
NMOCD Reference # GW-0140-0
TNM SPS-11
Lea County, NM

Scale: 1" = 120'

CAD By: TA	Checked By: CS
Draft: May 18, 2016	
Lat. N 32.747305°, Long. W 103.393472°	
NW1/4 SE1/4 Sec 18 T18S R36E	
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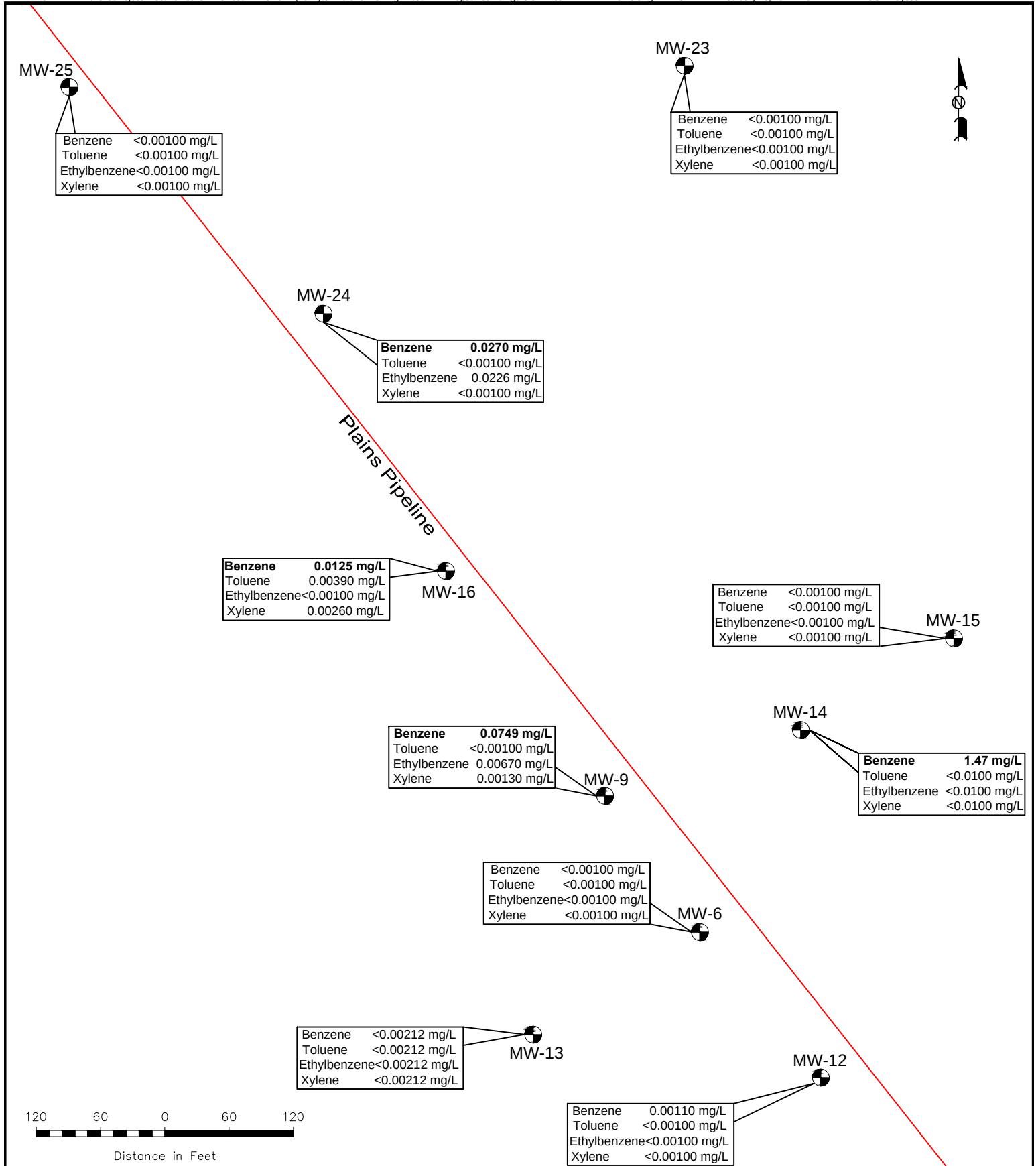
LEGEND:

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

Figure 5C
Inferred PSH Extent and
BTEX Concentration Map - Area 1
(8/8/2016 - 8/9/2016)
Plains Marketing, L.P.
NMOCD Reference # GW-0140-0
TNM SPS-11
Lea County, NM

Scale: 1" = 120'	
CAD By: TA	Checked By: CS
Draft: August 24, 2016	
Lat. N 32.747305°, Long. W 103.393472°	
NW1/4 SE1/4 Sec 18 T18S R36E	
TRC Proj. No.: 014174	





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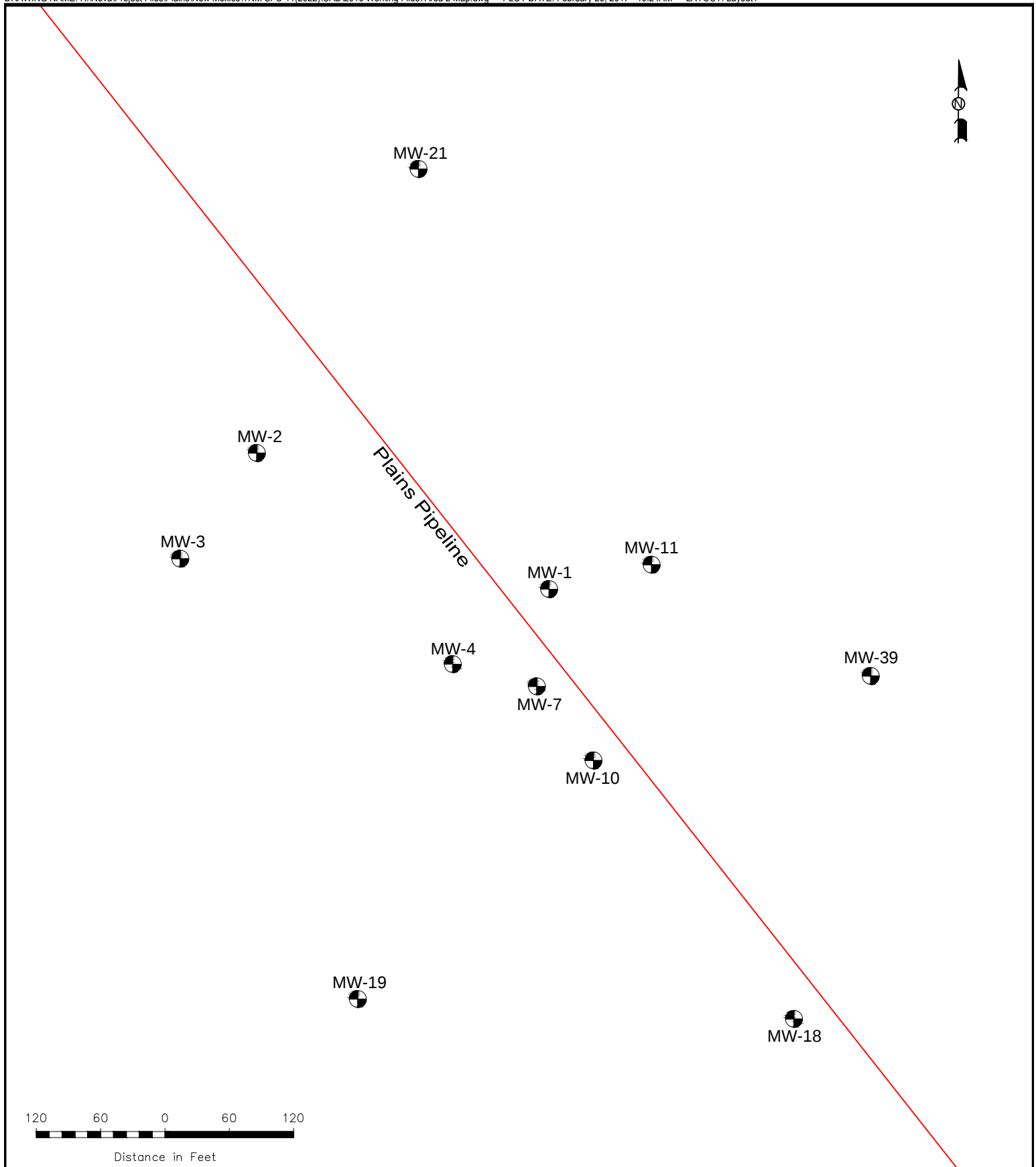
- Monitoring Well Location
 - Soil Boring Location
 - Producing Well Location
 - Plug & Abandoned Well
 - Not Sampled
 - Inferred PSH Extent
 - 0.01' PSH Thickness (Feet)
- <0.001 Constituent Concentration (mg/L)

Figure 5D
 Inferred PSH Extent and
 BTEX Concentration Map - Area 1
 (11/14/2016 - 11/16/2016)
 Plains Marketing, L.P.
 NMOCD Reference # GW-0140-0
 TNM SPS-11
 Lea County, NM

Scale: 1" = 120'

CAD By: TA	Checked By: CS
Draft: December 1, 2016	
Lat. N 32.747305°, Long. W 103.393472°	
NW1/4 SE1/4 Sec 18 T18S R36E	
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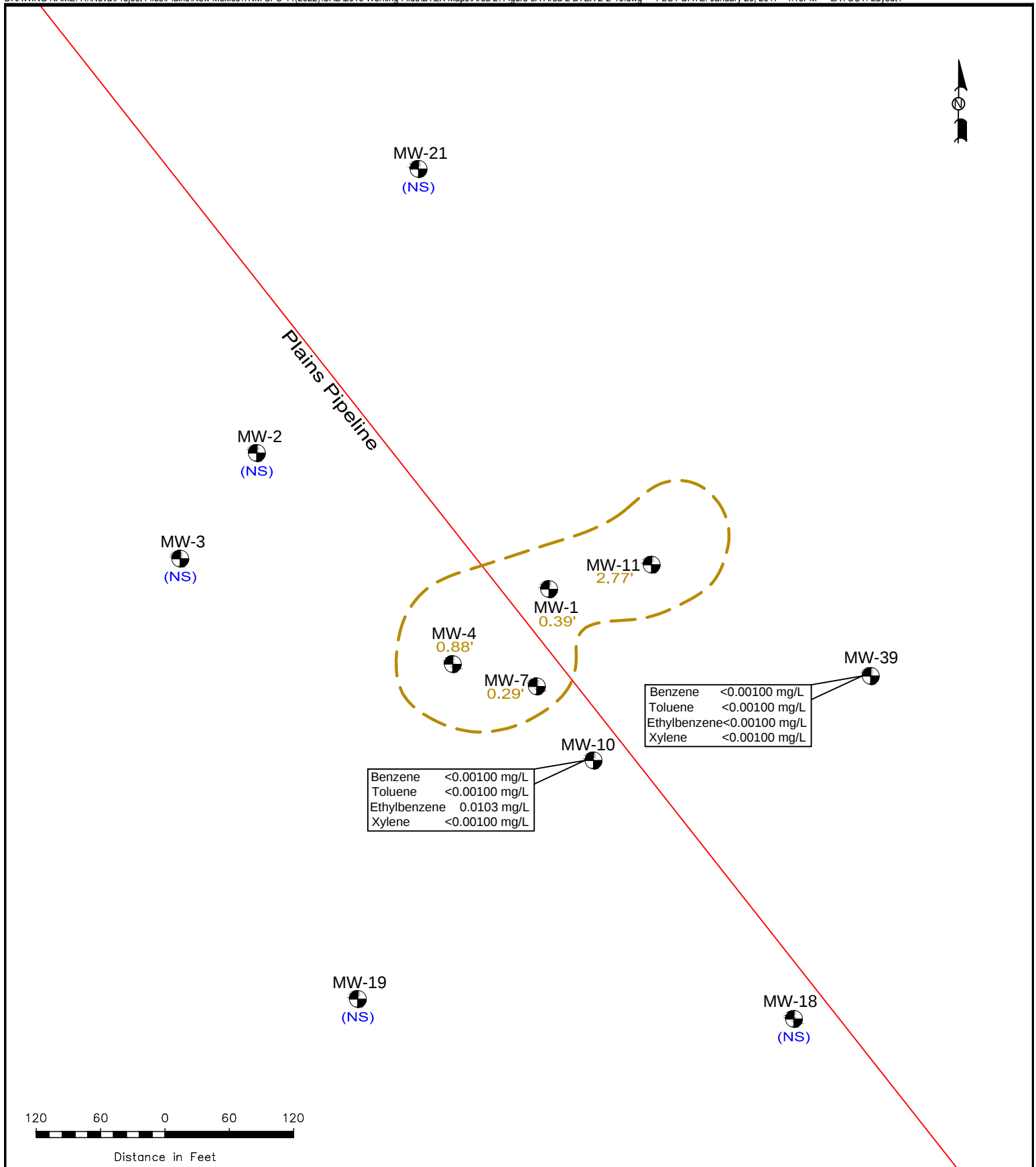
- Pipeline
- Monitor Well Location
- Producing Well Location
- Soil Boring Location
- Proposed Monitoring Well Location

Figure 6
Area 2
Site Map
Plains Marketing, L.P.
TNM SPS-11
NMOCD Reference # GW-140-0
Lea County, NM

Scale: 1" = 120'

CAD By: TA	Checked By: CS
Draft: February 9, 2016	
Lat. N 32.747305°, Long. W 103.393472°	
NW1/4 SE1/4 Sec 18 T18S R36E	
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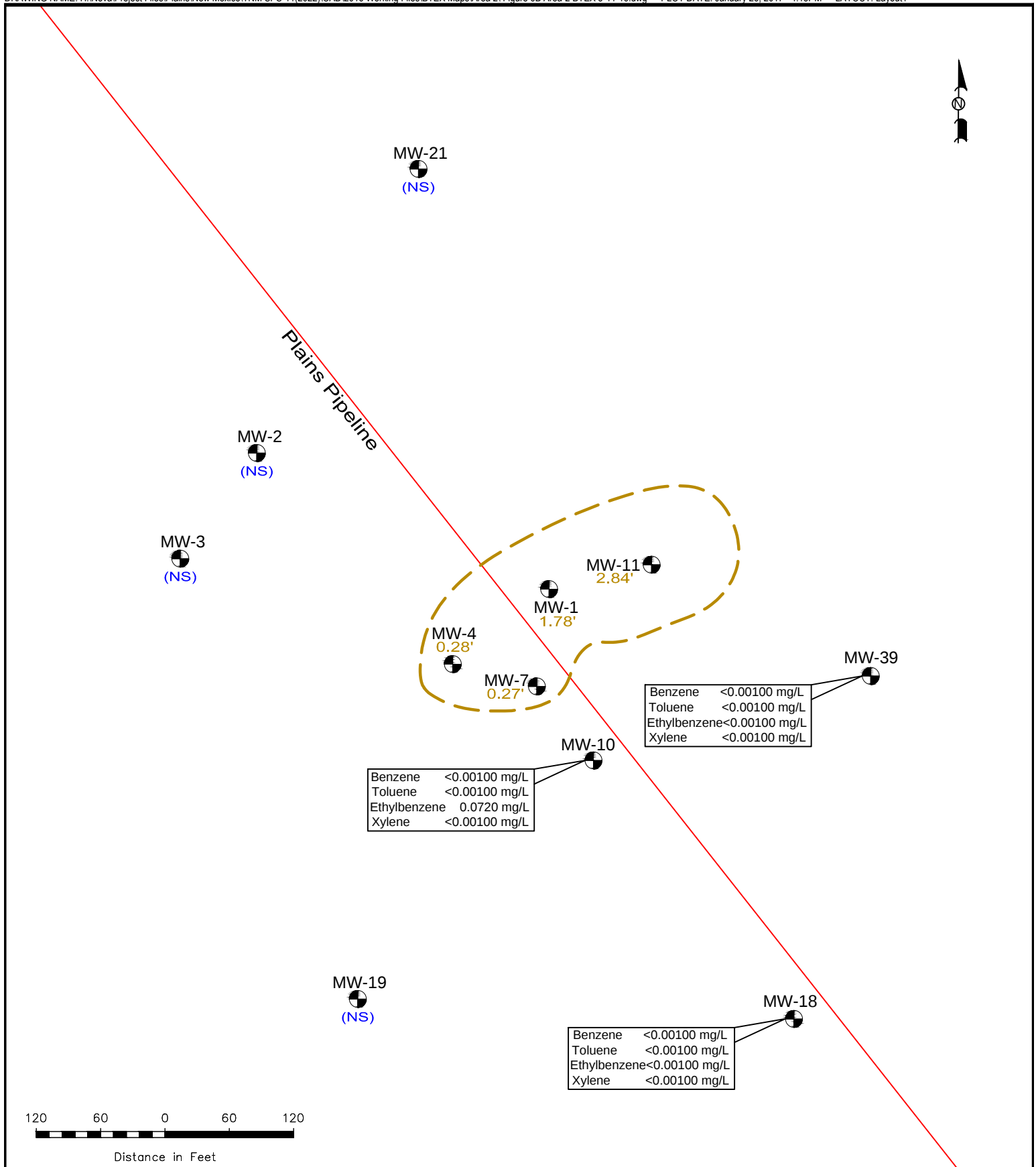
- Monitoring Well Location
 - Soil Boring Location
 - Producing Well Location
 - Plug & Abandoned Well
 - Not Sampled
 - Inferred PSH Extent
 - PSH Thickness (Feet)
- <0.001 Constituent Concentration (mg/L)

Figure 6A
Inferred PSH Extent and
BTEX Concentration Map - Area 2
(2/2/2016 - 2/3/2016)
Plains Marketing, L.P.
NMOCD Reference # GW-0140-0
TNM SPS-11
Lea County, NM

Scale: 1" = 120'

CAD By: TA	Checked By: CS
Draft: February 17, 2016	
Lat. N 32.747305°, Long. W 103.393472°	
NW1/4 SE1/4 Sec 18 T18S R36E	
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LEGEND:

Monitoring Well Location (Black circle with crosshair)

Soil Boring Location (Black circle)

Producing Well Location (White circle)

Plug & Abandoned Well (Circle with slash)

Not Sampled (NS)

Inferred PSH Extent (Dashed Yellow Line)

PSH Thickness (Feet) (0.01')

<0.001 Constituent Concentration (mg/L)

Figure 6B

Inferred PSH Extent and BTEX Concentration Map - Area 2

(5/10/2016 - 5/11/2016)

Plains Marketing, L.P.

NMOCD Reference # GW-0140-0

TNM SPS-11

Lea County, NM

Scale: 1" = 120'

CAD By: TA **Checked By: CS**

Draft: May 18, 2016

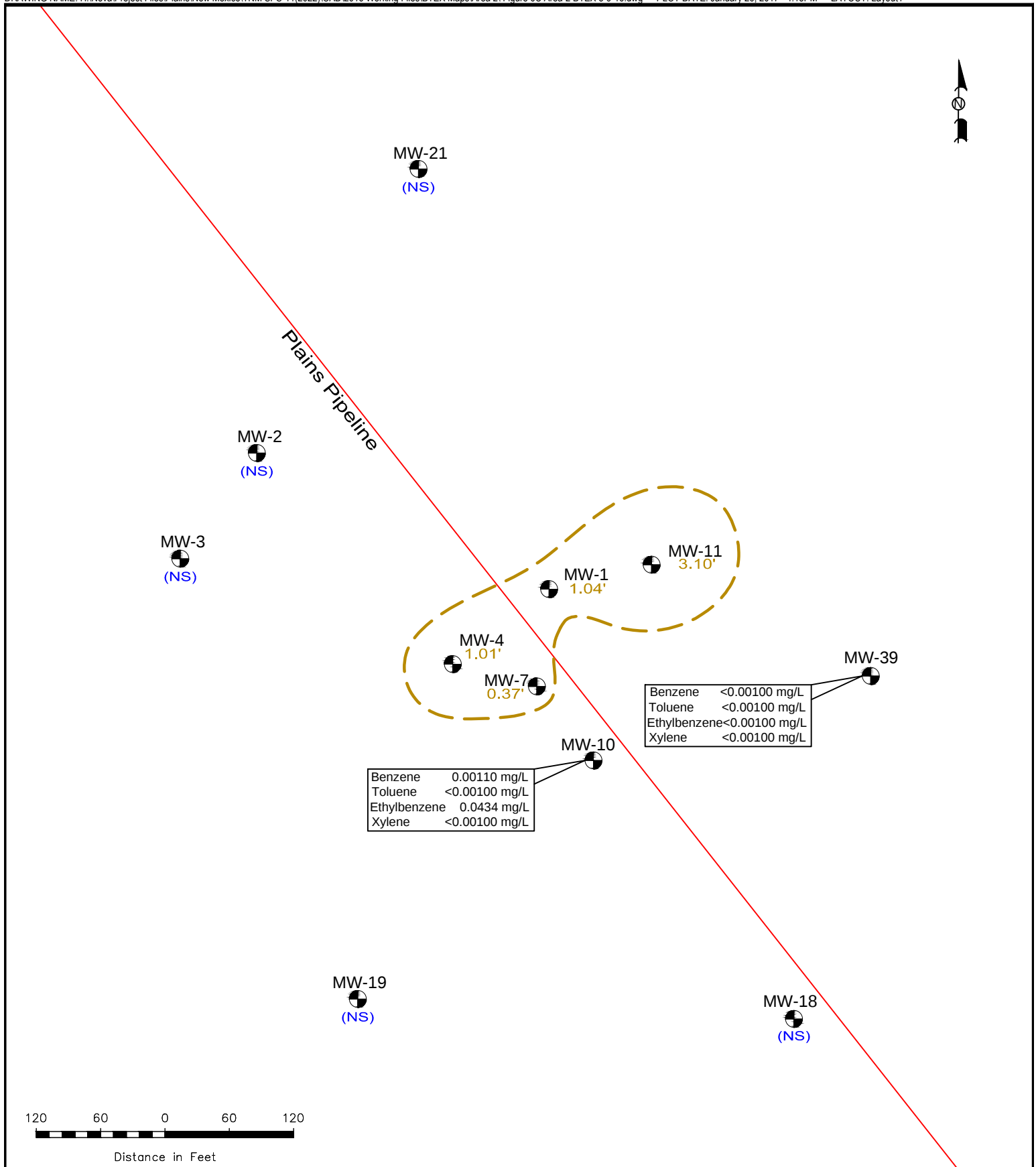
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NW1/4 SE1/4 Sec 18 T18S R36E

TRC Proj. No.: 014174

TRC

2057 Commerce Drive
Midland, Texas 79703
432.520.7720



LEGEND:

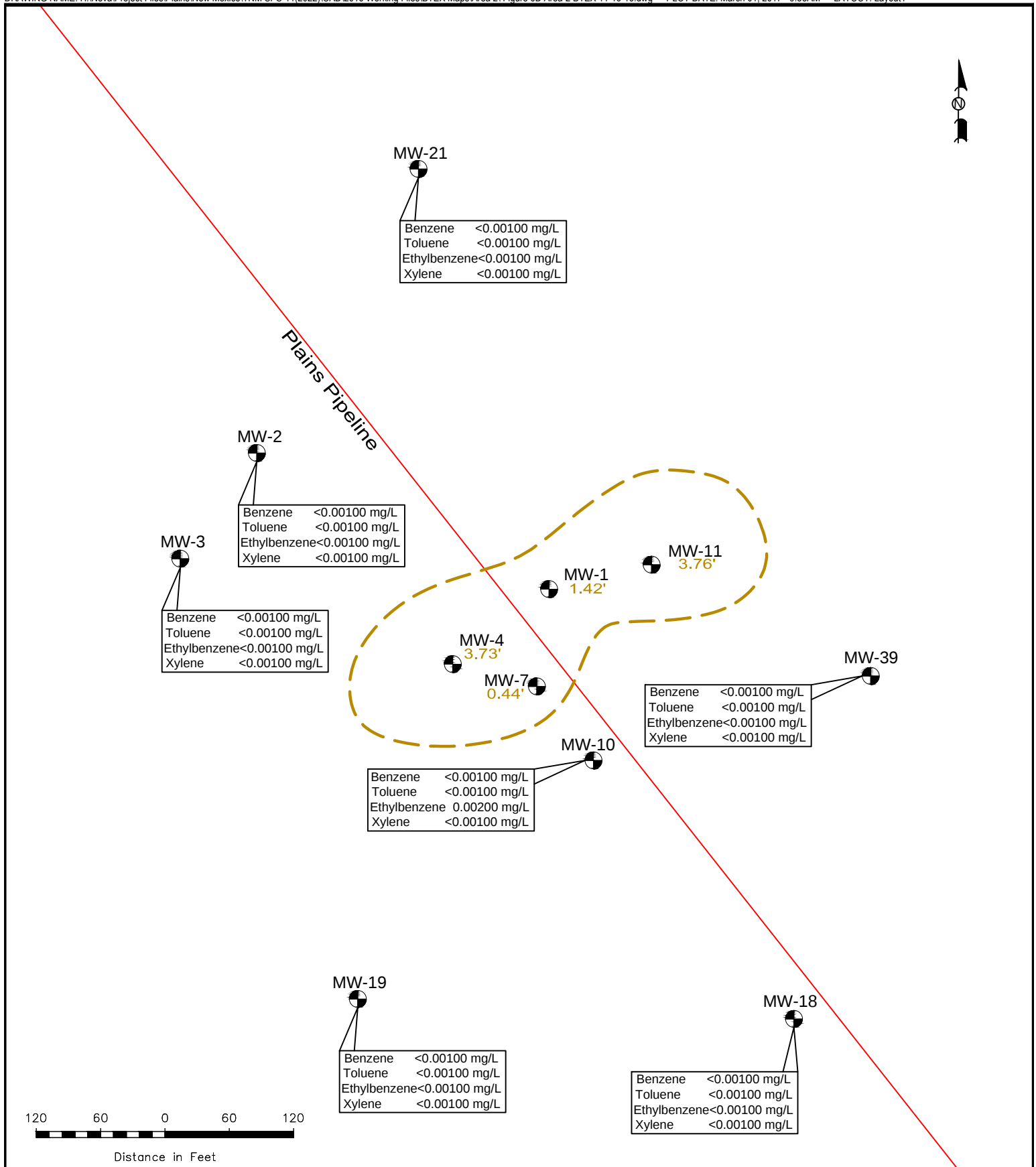
- Monitoring Well Location
 - Soil Boring Location
 - Producing Well Location
 - Plug & Abandoned Well
 - Not Sampled
 - Inferred PSH Extent
 - 0.01' PSH Thickness (Feet)
- <0.001 Constituent Concentration (mg/L)

Figure 6C
Inferred PSH Extent and
BTEX Concentration Map - Area 2
(8/8/2016 - 8/9/2016)
Plains Marketing, L.P.
NMOCD Reference # GW-0140-0
TNM SPS-11
Lea County, NM

Scale: 1" = 120'

CAD By: TA	Checked By: CS
Draft: August 24, 2016	
Lat. N 32.747305°, Long. W 103.393472°	
NW1/4 SE1/4 Sec 18 T18S R36E	
TRC Proj. No.: 014174	





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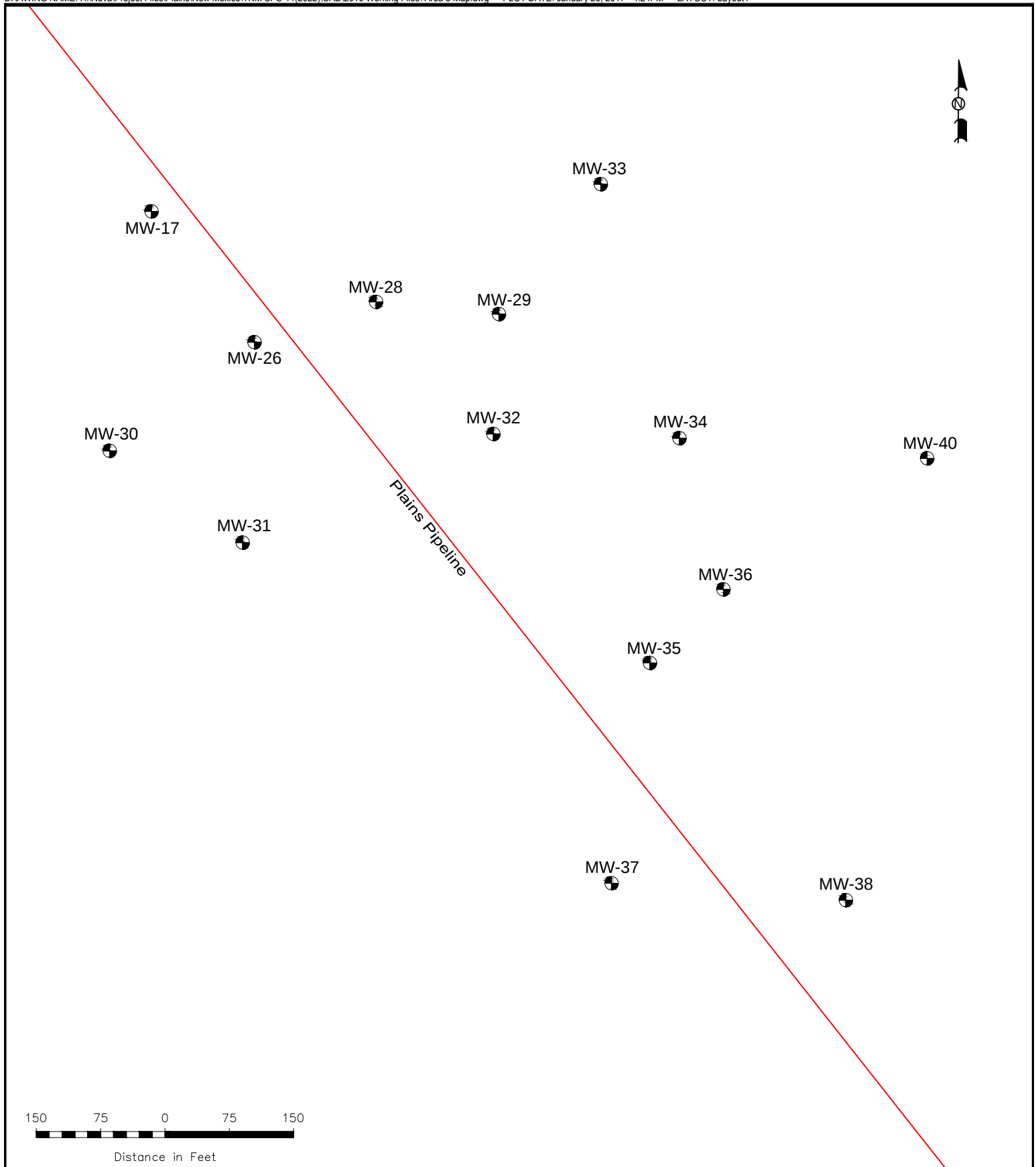
- Monitoring Well Location
 - Soil Boring Location
 - Producing Well Location
 - Plug & Abandoned Well
 - Not Sampled
 - Inferred PSH Extent
 - 0.01' PSH Thickness (Feet)
- <0.001 Constituent Concentration (mg/L)

Figure 6D
Inferred PSH Extent and
BTEX Concentration Map - Area 2
(11/14/2016 - 11/16/2016)
Plains Marketing, L.P.
NMOCD Reference # GW-0140-0
TNM SPS-11
Lea County, NM

Scale: 1" = 120'

CAD By: TA	Checked By: CS
Draft: December 1, 2016	
Lat. N 32.747305°, Long. W 103.393472°	
NW1/4 SE1/4 Sec 18 T18S R36E	
TRC Proj. No.: 014174	

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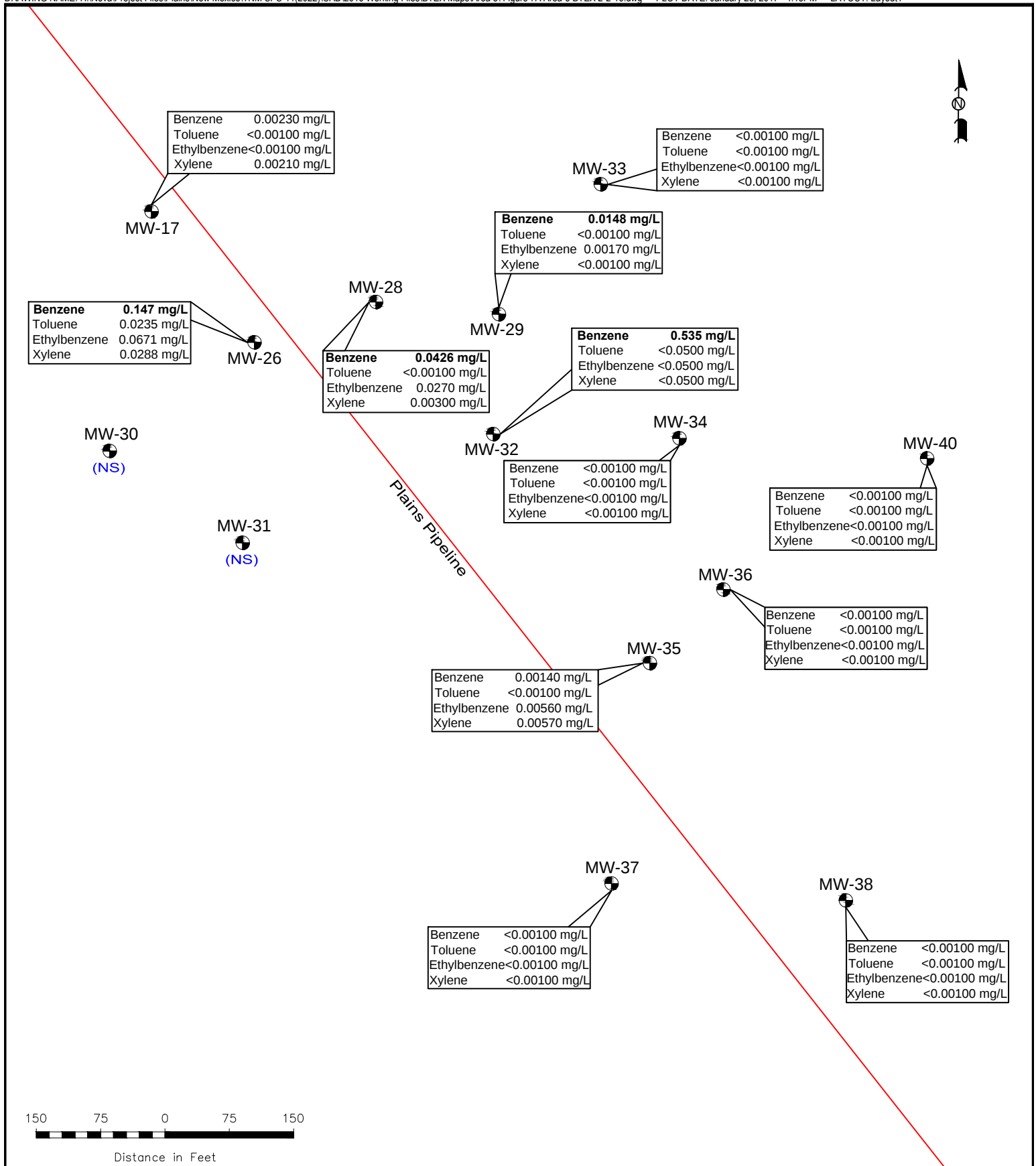
- Pipeline
- Monitor Well Location
- Producing Well Location
- Soil Boring Location
- Proposed Monitoring Well Location

Figure 7
Area 3
Site Map
Plains Marketing, L.P.
TNM SPS-11
NMOCD Reference # GW-140-0
Lea County, NM

Scale: 1" = 150'

CAD By: TA	Checked By: CS
Draft: February 9, 2016	
Lat. N 32.747305°, Long. W 103.393472°	
NW1/4 SE1/4 Sec 18 T18S R36E	
TRC Proj. No.: 014174	

TRC
2057 Commerce Drive
Midland, Texas 79703
432.520.7720



LEGEND:

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

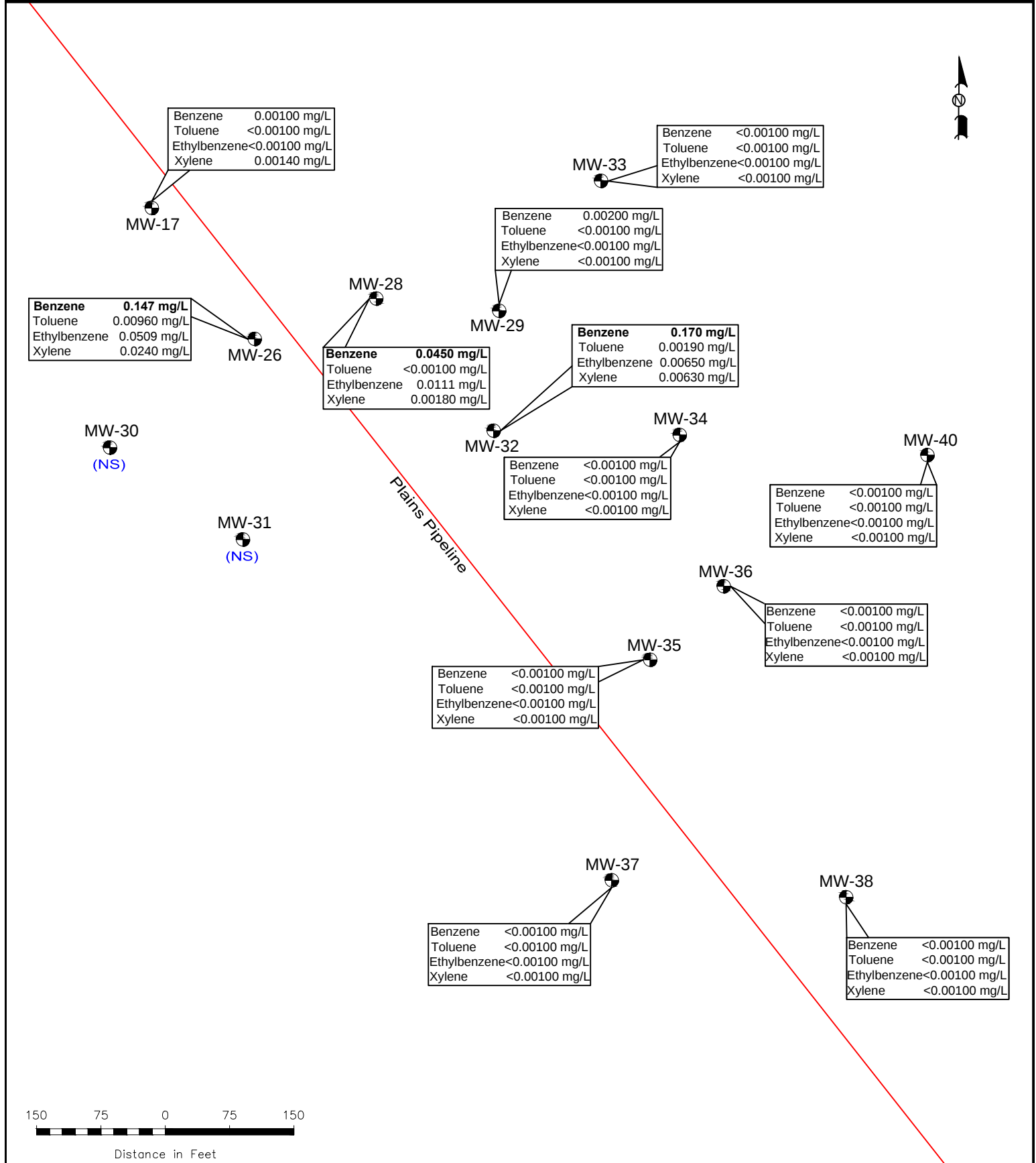
Figure 7A
Inferred PSH Extent and
BTEX Concentration Map - Area 3
(2/2/2016 - 2/3/2016)
Plains Marketing, L.P.
NMOCD Reference # GW-0140-0
TNM SPS-11
Lea County, NM

Scale: 1" = 150'

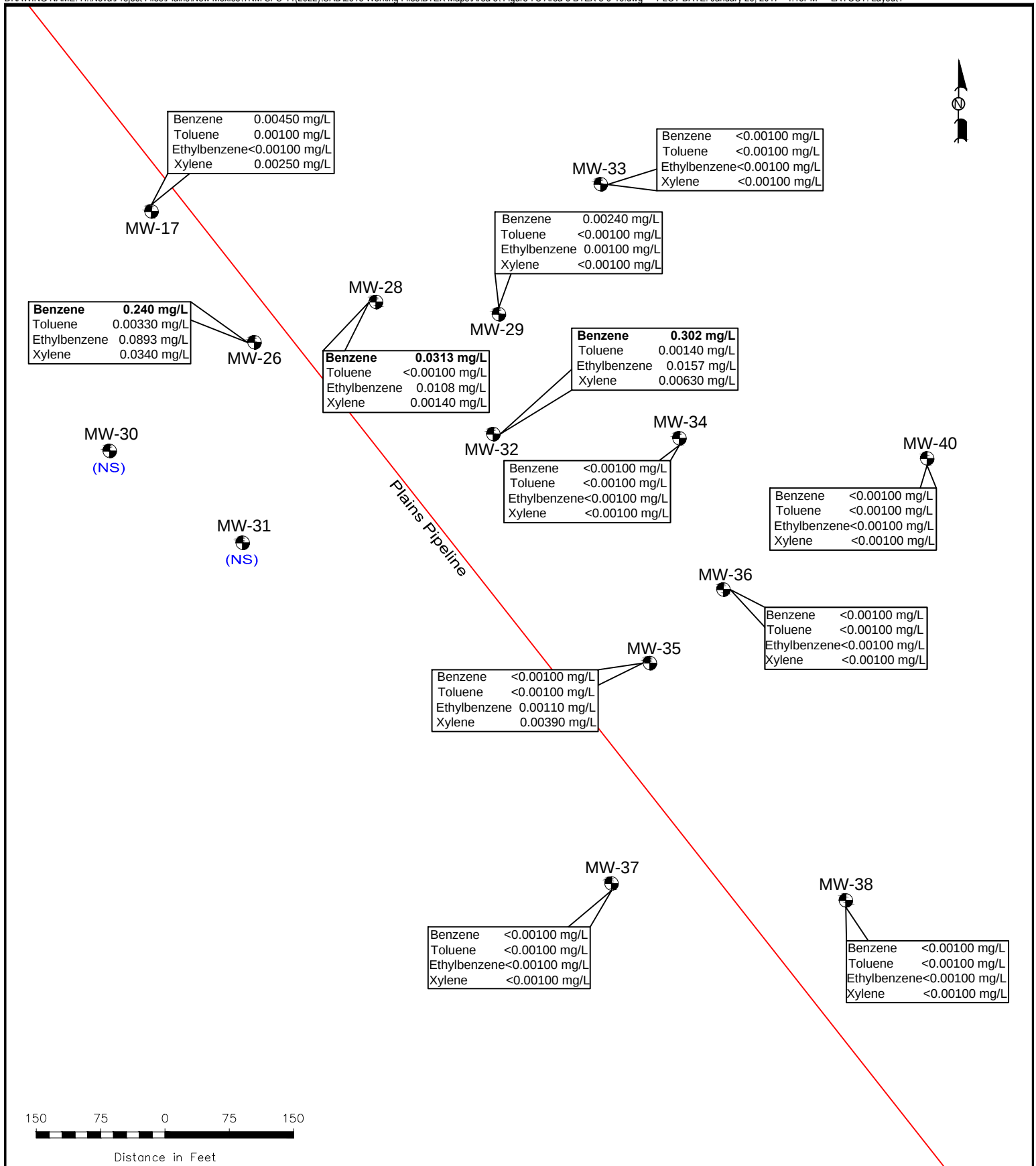
CAD By: TA	Checked By: CS
Draft: February 9, 2016	
Lat. N 32.747305°, Long. W 103.393472°	
NW1/4 SE1/4 Sec 18 T18S R36E	
TRC Proj. No.: 014174	

TRC

2057 Commerce Drive
 Midland, Texas 79703
 432.520.7720



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 7B Inferred PSH Extent and BTEX Concentration Map - Area 3 (5/10/2016 - 5/11/2016) Plains Marketing, L.P. NMOCD Reference # GW-0140-0 TNM SPS-11 Lea County, NM	Scale: 1" = 150' <table border="1"> <tr> <td>CAD By: TA</td> <td>Checked By: CS</td> </tr> <tr> <td colspan="2">Draft: May 18, 2016</td> </tr> <tr> <td colspan="2">Lat. N 32.747305°, Long. W 103.393472°</td> </tr> <tr> <td colspan="2">NW1/4 SE1/4 Sec 18 T18S R36E</td> </tr> <tr> <td colspan="2">TRC Proj. No.: 014174</td> </tr> </table>	CAD By: TA	Checked By: CS	Draft: May 18, 2016		Lat. N 32.747305°, Long. W 103.393472°		NW1/4 SE1/4 Sec 18 T18S R36E		TRC Proj. No.: 014174		TRC 2057 Commerce Drive Midland, Texas 79703 432.520.7720
CAD By: TA	Checked By: CS												
Draft: May 18, 2016													
Lat. N 32.747305°, Long. W 103.393472°													
NW1/4 SE1/4 Sec 18 T18S R36E													
TRC Proj. No.: 014174													



LEGEND:

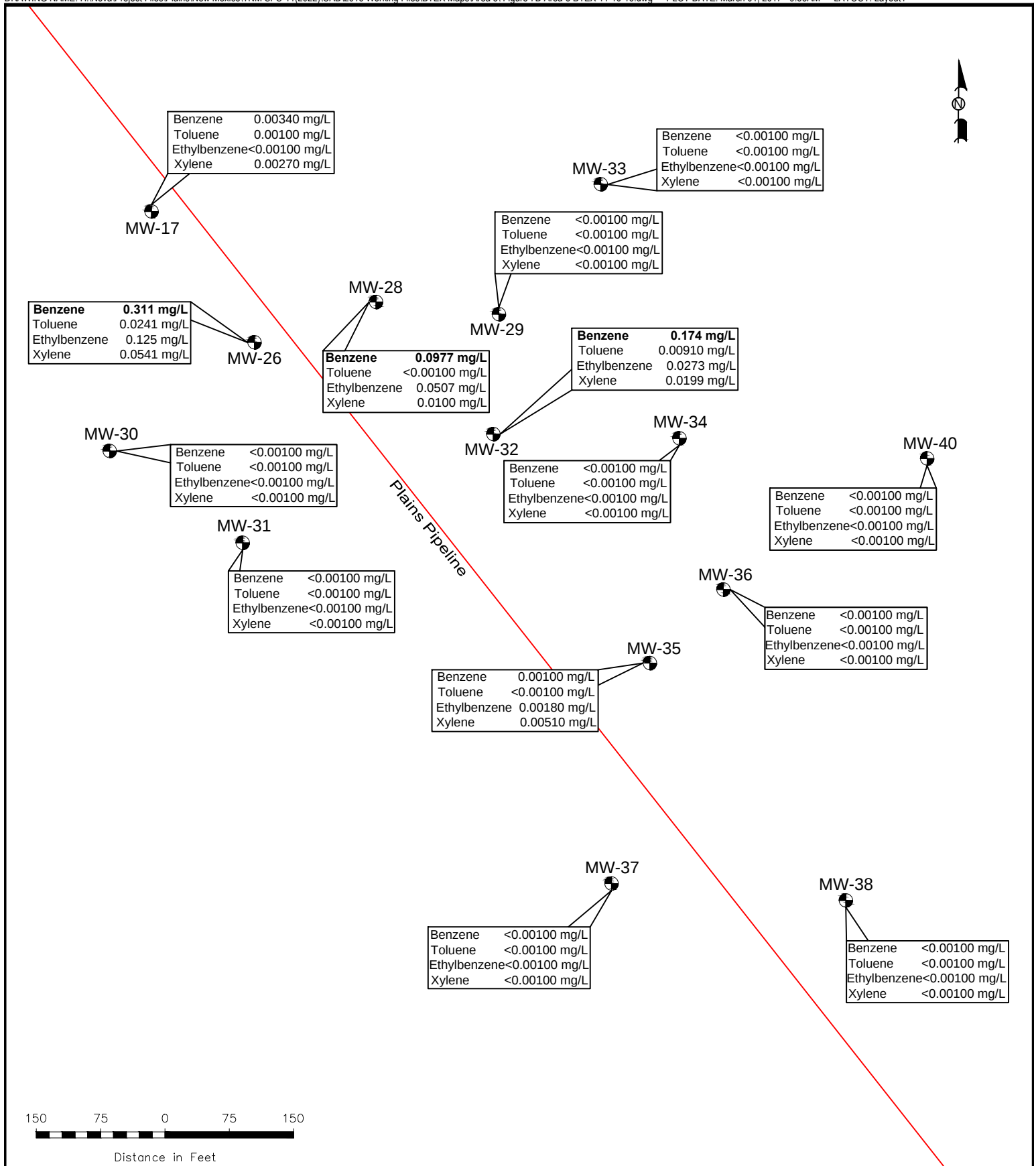
- Monitoring Well Location
- Soil Boring Location
- Producing Well Location
- Plug & Abandoned Well
- Not Sampled
- Inferred PSH Extent
- 0.01' PSH Thickness (Feet)
- <0.001 Constituent Concentration (mg/L)

Figure 7C
Inferred PSH Extent and
BTEX Concentration Map - Area 3
(8/8/2016 - 8/9/2016)
Plains Marketing, L.P.
NMOCD Reference # GW-0140-0
TNM SPS-11
Lea County, NM

Scale: 1" = 150'

CAD By: TA	Checked By: CS
Draft: August 24, 2016	
Lat. N 32.747305°, Long. W 103.393472°	
NW1/4 SE1/4 Sec 18 T18S R36E	
TRC Proj. No.: 014174	

TRC
 2057 Commerce Drive
 Midland, Texas 79703
 432.520.7720



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 7D
 Inferred PSH Extent and
 BTEX Concentration Map - Area 3
 (11/14/2016 - 11/16/2016)
 Plains Marketing, L.P.
 NMOCD Reference # GW-0140-0
 TNM SPS-11
 Lea County, NM

Scale: 1" = 150'

CAD By: TA	Checked By: CS
Draft: December 1, 2016	
Lat. N 32.747305°, Long. W 103.393472°	
NW1/4 SE1/4 Sec 18 T18S R36E	
TRC Proj. No.: 014174	

TRC

2057 Commerce Drive
 Midland, Texas 79703
 432.520.7720

Tables

TABLE 1

2016 GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	01/08/16	3859.08	60.96	62.38	1.42	3797.91
MW - 1	01/14/16	3859.08	60.93	62.43	1.50	3797.93
MW - 1	01/28/16	3859.08	60.91	62.63	1.72	3797.91
MW - 1	02/02/16	3859.08	61.12	61.51	0.39	3797.90
MW - 1	02/09/16	3859.08	61.08	61.79	0.71	3797.89
MW - 1	03/02/16	3859.08	60.95	62.60	1.65	3797.88
MW - 1	03/09/16	3859.08	61.08	61.98	0.90	3797.87
MW - 1	03/17/16	3859.08	61.04	62.30	1.26	3797.85
MW - 1	04/06/16	3859.08	61.06	62.17	1.11	3797.85
MW - 1	04/13/16	3859.08	61.15	61.67	0.52	3797.85
MW - 1	04/20/16	3859.08	61.07	61.96	0.89	3797.88
MW - 1	04/27/16	3859.08	61.17	61.66	0.49	3797.84
MW - 1	04/28/16	3859.08	61.17	61.66	0.49	3797.84
MW - 1	05/05/16	3859.08	61.18	61.70	0.52	3797.82
MW - 1	05/10/16	3859.08	61.18	62.96	1.78	3797.63
MW - 1	06/08/16	3859.08	61.03	63.33	2.30	3797.71
MW - 1	06/15/16	3859.08	61.22	61.70	0.48	3797.79
MW - 1	06/21/16	3859.08	61.20	61.82	0.62	3797.79
MW - 1	06/30/16	3859.08	61.18	62.04	0.86	3797.77
MW - 1	07/01/16	3859.08	61.18	62.04	0.86	3797.77
MW - 1	07/07/16	3859.08	61.24	61.86	0.62	3797.75
MW - 1	07/15/16	3859.08	61.23	61.93	0.70	3797.75
MW - 1	07/21/16	3859.08	61.23	61.99	0.76	3797.74
MW - 1	07/28/16	3859.08	61.25	61.91	0.66	3797.73
MW - 1	08/09/16	3859.08	61.21	62.25	1.04	3797.71
MW - 1	08/12/16	3859.08	61.19	62.35	1.16	3797.72
MW - 1	08/16/16	3859.08	61.24	62.04	0.80	3797.72
MW - 1	08/25/16	3859.08	61.25	62.06	0.81	3797.71
MW - 1	09/01/16	3859.08	61.28	61.95	0.67	3797.70
MW - 1	09/08/16	3859.08	61.23	62.27	1.04	3797.69
MW - 1	09/22/16	3859.08	61.27	62.19	0.92	3797.67
MW - 1	09/29/16	3859.08	61.30	62.17	0.87	3797.65
MW - 1	10/06/16	3859.08	61.31	62.12	0.81	3797.65
MW - 1	10/13/16	3859.08	61.33	62.17	0.84	3797.62
MW - 1	10/20/16	3859.08	61.36	62.03	0.67	3797.62
MW - 1	10/27/16	3859.08	61.35	62.04	0.69	3797.63
MW - 1	11/10/16	3859.08	61.32	62.44	1.12	3797.59
MW - 1	11/16/16	3859.08	61.28	62.70	1.42	3797.59
MW - 1	11/23/16	3859.08	61.25	62.95	1.70	3797.58
MW - 1	12/09/16	3859.08	61.23	63.13	1.90	3797.57
MW - 1	12/14/16	3859.08	61.23	63.33	2.10	3797.54
MW - 1	12/28/16	3859.08	61.16	63.78	2.62	3797.53

TABLE 1

2016 GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2	02/02/16	3860.76	-	61.92	0.00	3798.84
MW - 2	04/28/16	3860.76	-	62.20	0.00	3798.56
MW - 2	05/10/16	3860.76	-	62.00	0.00	3798.76
MW - 2	07/01/16	3860.76	-	62.07	0.00	3798.69
MW - 2	07/29/16	3860.76	-	62.10	0.00	3798.66
MW - 2	08/08/16	3860.76	-	62.09	0.00	3798.67
MW - 2	09/15/16	3860.76	-	62.29	0.00	3798.47
MW - 2	11/15/16	3860.76	-	62.38	0.00	3798.38
MW - 2	12/14/16	3860.76	-	62.44	0.00	3798.32
MW - 3	02/02/16	3861.15	-	62.32	0.00	3798.83
MW - 3	04/28/16	3861.15	-	62.39	0.00	3798.76
MW - 3	05/10/16	3861.15	-	62.40	0.00	3798.75
MW - 3	07/01/16	3861.15	-	62.48	0.00	3798.67
MW - 3	07/29/16	3861.15	-	62.50	0.00	3798.65
MW - 3	08/08/16	3861.15	-	62.48	0.00	3798.67
MW - 3	09/15/16	3861.15	-	62.53	0.00	3798.62
MW - 3	11/15/16	3861.15	-	62.63	0.00	3798.52
MW - 3	12/14/16	3861.15	-	62.68	0.00	3798.47
MW - 4	01/08/16	3859.62	61.20	62.43	1.23	3798.24
MW - 4	01/14/16	3859.62	61.17	62.77	1.60	3798.21
MW - 4	01/28/16	3859.62	61.26	62.49	1.23	3798.18
MW - 4	02/02/16	3859.62	61.34	62.22	0.88	3798.15
MW - 4	02/09/16	3859.62	61.27	62.67	1.40	3798.14
MW - 4	03/02/16	3859.62	61.14	63.38	2.24	3798.14
MW - 4	03/09/16	3859.62	61.31	62.50	1.19	3798.13
MW - 4	03/17/16	3859.62	61.26	62.87	1.61	3798.12
MW - 4	04/06/16	3859.62	61.25	63.07	1.82	3798.10
MW - 4	04/13/16	3859.62	61.45	61.78	0.33	3798.12
MW - 4	04/20/16	3859.62	61.44	61.98	0.54	3798.10
MW - 4	04/27/16	3859.62	61.42	62.17	0.75	3798.09
MW - 4	04/28/16	3859.62	61.42	62.17	0.75	3798.09
MW - 4	05/05/16	3859.62	61.46	61.88	0.42	3798.10
MW - 4	05/10/16	3859.62	61.49	61.77	0.28	3798.09
MW - 4	06/08/16	3859.62	61.31	62.77	1.46	3798.09
MW - 4	06/15/16	3859.62	61.39	63.04	1.65	3797.98
MW - 4	06/21/16	3859.62	61.28	63.28	2.00	3798.04
MW - 4	06/30/16	3859.62	61.34	63.10	1.76	3798.02
MW - 4	07/01/16	3859.62	61.34	63.10	1.76	3798.02
MW - 4	07/07/16	3859.62	61.51	62.25	0.74	3798.00

TABLE 1

2016 GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	07/15/16	3859.62	61.50	62.21	0.71	3798.01
MW - 4	07/21/16	3859.62	61.52	62.20	0.68	3798.00
MW - 4	07/28/16	3859.62	61.51	62.30	0.79	3797.99
MW - 4	08/02/16	3859.62	61.51	62.20	0.69	3798.01
MW - 4	08/09/16	3859.62	61.49	62.50	1.01	3797.98
MW - 4	08/16/16	3859.62	61.54	62.84	1.30	3797.89
MW - 4	08/25/16	3859.62	61.49	63.18	1.69	3797.88
MW - 4	09/01/16	3859.62	61.46	61.63	0.17	3798.13
MW - 4	09/08/16	3859.62	61.41	63.74	2.33	3797.86
MW - 4	09/22/16	3859.62	61.38	64.08	2.70	3797.84
MW - 4	09/29/16	3859.62	61.38	64.22	2.84	3797.81
MW - 4	10/06/16	3859.62	61.36	64.38	3.02	3797.81
MW - 4	10/13/16	3859.62	61.37	64.49	3.12	3797.78
MW - 4	10/20/16	3859.62	61.36	64.60	3.24	3797.77
MW - 4	10/27/16	3859.62	61.34	64.72	3.38	3797.77
MW - 4	11/10/16	3859.62	61.32	64.91	3.59	3797.76
MW - 4	11/16/16	3859.62	61.31	65.04	3.73	3797.75
MW - 4	11/23/16	3859.62	61.32	65.08	3.76	3797.74
MW - 4	12/09/16	3859.62	61.24	65.11	3.87	3797.80
MW - 4	12/14/16	3859.62	61.32	65.32	4.00	3797.70
MW - 4	12/28/16	3859.62	61.24	65.34	4.10	3797.77
MW - 6	02/02/16	3862.47	-	62.00	0.00	3800.47
MW - 6	04/28/16	3862.47	-	62.01	0.00	3800.46
MW - 6	05/10/16	3862.47	-	62.04	0.00	3800.43
MW - 6	07/01/16	3862.47	-	62.12	0.00	3800.35
MW - 6	07/29/16	3862.47	-	62.15	0.00	3800.32
MW - 6	08/09/16	3862.47	-	61.94	0.00	3800.53
MW - 6	09/15/16	3862.47	-	62.18	0.00	3800.29
MW - 6	11/15/16	3862.47	-	62.27	0.00	3800.20
MW - 6	12/14/16	3862.47	-	62.32	0.00	3800.15
MW - 7	01/08/16	3859.31	61.37	62.06	0.69	3797.84
MW - 7	01/14/16	3859.31	61.35	62.15	0.80	3797.84
MW - 7	01/28/16	3859.31	61.40	61.88	0.48	3797.84
MW - 7	02/02/16	3859.31	61.45	61.74	0.29	3797.82
MW - 7	02/09/16	3859.31	61.43	61.89	0.46	3797.81
MW - 7	03/02/16	3859.31	61.40	62.05	0.65	3797.81
MW - 7	03/09/16	3859.31	61.48	61.72	0.24	3797.79
MW - 7	03/17/16	3859.31	61.47	61.78	0.31	3797.79
MW - 7	04/06/16	3859.31	61.44	61.96	0.52	3797.79
MW - 7	04/13/16	3859.31	61.48	61.90	0.42	3797.77

TABLE 1

2016 GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	04/20/16	3859.31	61.48	61.98	0.50	3797.76
MW - 7	04/27/16	3859.31	61.46	62.07	0.61	3797.76
MW - 7	04/28/16	3859.31	61.46	62.07	0.61	3797.76
MW - 7	05/05/16	3859.31	61.52	61.92	0.40	3797.73
MW - 7	05/10/16	3859.31	61.53	61.80	0.27	3797.74
MW - 7	06/08/16	3859.31	61.52	62.17	0.65	3797.69
MW - 7	06/15/16	3859.31	61.60	62.23	0.63	3797.62
MW - 7	06/21/16	3859.31	61.49	62.29	0.80	3797.70
MW - 7	06/30/16	3859.31	61.49	62.40	0.91	3797.68
MW - 7	07/01/16	3859.31	61.49	62.40	0.91	3797.68
MW - 7	07/07/16	3859.31	61.59	61.93	0.34	3797.67
MW - 7	07/15/16	3859.31	61.60	61.84	0.24	3797.67
MW - 7	07/21/16	3859.31	61.62	61.79	0.17	3797.66
MW - 7	07/28/16	3859.31	61.62	61.80	0.18	3797.66
MW - 7	08/02/16	3859.31	61.60	61.80	0.20	3797.68
MW - 7	08/09/16	3859.31	61.61	61.98	0.37	3797.64
MW - 7	08/12/16	3859.31	61.59	61.99	0.40	3797.66
MW - 7	08/16/16	3859.31	61.61	61.74	0.13	3797.68
MW - 7	08/25/16	3859.31	61.63	61.90	0.27	3797.64
MW - 7	09/01/16	3859.31	61.64	61.97	0.33	3797.62
MW - 7	09/08/16	3859.31	61.63	62.01	0.38	3797.62
MW - 7	09/22/16	3859.31	61.66	61.99	0.33	3797.60
MW - 7	09/29/16	3859.31	61.68	62.02	0.34	3797.58
MW - 7	10/06/16	3859.31	61.69	62.02	0.33	3797.57
MW - 7	10/13/16	3859.31	61.70	61.99	0.29	3797.57
MW - 7	10/20/16	3859.31	61.72	61.95	0.23	3797.56
MW - 7	10/27/16	3859.31	61.72	61.98	0.26	3797.55
MW - 7	11/10/16	3859.31	61.73	62.07	0.34	3797.53
MW - 7	11/16/16	3859.31	61.72	62.16	0.44	3797.52
MW - 7	11/23/16	3859.31	61.71	62.26	0.55	3797.52
MW - 7	12/09/16	3859.31	61.71	62.40	0.69	3797.50
MW - 7	12/14/16	3859.31	61.72	62.49	0.77	3797.47
MW - 7	12/28/16	3859.31	61.70	62.69	0.99	3797.46
MW - 9	01/08/16	3861.88	-	60.93	0.00	3800.95
MW - 9	01/14/16	3861.88	-	60.80	0.00	3801.08
MW - 9	01/28/16	3861.88	-	60.93	0.00	3800.95
MW - 9	02/02/16	3861.88	-	61.05	0.00	3800.83
MW - 9	02/09/16	3861.88	-	60.88	0.00	3801.00
MW - 9	03/02/16	3861.88	-	60.97	0.00	3800.91
MW - 9	03/09/16	3861.88	-	60.98	0.00	3800.90
MW - 9	03/17/16	3861.88	-	60.94	0.00	3800.94

TABLE 1

2016 GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 9	04/06/16	3861.88	-	61.01	0.00	3800.87
MW - 9	04/13/16	3861.88	-	61.01	0.00	3800.87
MW - 9	04/20/16	3861.88	-	64.48	0.00	3797.40
MW - 9	04/27/16	3861.88	-	60.94	0.00	3800.94
MW - 9	04/28/16	3861.88	-	60.94	0.00	3800.94
MW - 9	05/05/16	3861.88	-	61.06	0.00	3800.82
MW - 9	05/10/16	3861.88	-	61.09	0.00	3800.79
MW - 9	06/08/16	3861.88	-	61.06	0.00	3800.82
MW - 9	06/15/16	3861.88	-	61.04	0.00	3800.84
MW - 9	06/21/16	3861.88	-	61.08	0.00	3800.80
MW - 9	06/30/16	3861.88	-	61.14	0.00	3800.74
MW - 9	07/01/16	3861.88	-	61.14	0.00	3800.74
MW - 9	07/15/16	3861.88	-	61.18	0.00	3800.70
MW - 9	07/21/16	3861.88	-	61.21	0.00	3800.67
MW - 9	07/28/16	3861.88	-	61.15	0.00	3800.73
MW - 9	08/02/16	3861.88	-	61.23	0.00	3800.65
MW - 9	08/09/16	3861.88	-	61.13	0.00	3800.75
MW - 9	08/16/16	3861.88	-	61.12	0.00	3800.76
MW - 9	08/25/16	3861.88	-	61.14	0.00	3800.74
MW - 9	09/08/16	3861.88	-	61.14	0.00	3800.74
MW - 9	09/22/16	3861.88	-	61.18	0.00	3800.70
MW - 9	09/29/16	3861.88	-	61.20	0.00	3800.68
MW - 9	10/13/16	3861.88	-	61.24	0.00	3800.64
MW - 9	10/20/16	3861.88	-	61.21	0.00	3800.67
MW - 9	10/27/16	3861.88	-	61.21	0.00	3800.67
MW - 9	11/10/16	3861.88	-	61.27	0.00	3800.61
MW - 9	11/16/16	3861.88	-	61.22	0.00	3800.66
MW - 9	12/09/16	3861.88	-	61.29	0.00	3800.59
MW - 9	12/14/16	3861.88	-	61.34	0.00	3800.54
MW - 10	02/02/16	3860.58	-	62.89	0.00	3797.69
MW - 10	04/28/16	3860.58	-	62.96	0.00	3797.62
MW - 10	05/10/16	3860.58	-	62.97	0.00	3797.61
MW - 10	07/01/16	3860.58	-	63.04	0.00	3797.54
MW - 10	07/29/16	3860.58	-	63.06	0.00	3797.52
MW - 10	08/09/16	3860.58	-	63.04	0.00	3797.54
MW - 10	09/15/16	3860.58	-	63.09	0.00	3797.49
MW - 10	11/16/16	3860.58	-	63.18	0.00	3797.40
MW - 10	12/14/16	3860.58	-	63.25	0.00	3797.33
MW - 11	01/08/16	3860.00	61.83	65.65	3.82	3797.60
MW - 11	01/14/16	3860.00	61.80	65.71	3.91	3797.61

TABLE 1

2016 GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 11	01/28/16	3860.00	61.85	65.67	3.82	3797.58
MW - 11	02/02/16	3860.00	62.03	64.80	2.77	3797.55
MW - 11	02/09/16	3860.00	61.83	65.63	3.80	3797.60
MW - 11	03/02/16	3860.00	61.87	65.74	3.87	3797.55
MW - 11	03/09/16	3860.00	61.96	65.30	3.34	3797.54
MW - 11	03/17/16	3860.00	61.90	65.69	3.79	3797.53
MW - 11	04/06/16	3860.00	61.92	65.79	3.87	3797.50
MW - 11	04/13/16	3860.00	62.02	65.09	3.07	3797.52
MW - 11	04/20/16	3860.00	62.01	65.28	3.27	3797.50
MW - 11	04/27/16	3860.00	61.95	65.66	3.71	3797.49
MW - 11	04/28/16	3860.00	61.95	65.66	3.71	3797.49
MW - 11	05/05/16	3860.00	62.02	65.25	3.23	3797.50
MW - 11	05/10/16	3860.00	62.06	64.90	2.84	3797.51
MW - 11	06/08/16	3860.00	61.94	65.91	3.97	3797.46
MW - 11	06/15/16	3860.00	61.94	65.90	3.96	3797.47
MW - 11	06/21/16	3860.00	61.96	65.96	4.00	3797.44
MW - 11	06/30/16	3860.00	62.01	64.22	2.21	3797.66
MW - 11	07/01/16	3860.00	62.01	64.22	2.21	3797.66
MW - 11	07/07/16	3860.00	62.09	65.35	3.26	3797.42
MW - 11	07/15/16	3860.00	62.11	65.45	3.34	3797.39
MW - 11	07/21/16	3860.00	62.11	65.21	3.10	3797.43
MW - 11	07/28/16	3860.00	62.11	65.30	3.19	3797.41
MW - 11	08/02/16	3860.00	62.15	65.02	2.87	3797.42
MW - 11	08/09/16	3860.00	62.07	65.17	3.10	3797.47
MW - 11	08/12/16	3860.00	62.05	65.75	3.70	3797.40
MW - 11	08/16/16	3860.00	62.21	64.88	2.67	3797.39
MW - 11	08/25/16	3860.00	62.11	65.51	3.40	3797.38
MW - 11	09/01/16	3860.00	62.13	65.31	3.18	3797.39
MW - 11	09/08/16	3860.00	62.07	65.76	3.69	3797.38
MW - 11	09/22/16	3860.00	62.16	65.49	3.33	3797.34
MW - 11	09/29/16	3860.00	62.21	65.34	3.13	3797.32
MW - 11	10/06/16	3860.00	62.19	65.40	3.21	3797.33
MW - 11	10/13/16	3860.00	62.19	65.45	3.26	3797.32
MW - 11	10/20/16	3860.00	62.22	65.35	3.13	3797.31
MW-11	10/27/16	3860.00	62.23	65.35	3.12	3797.30
MW-11	11/10/16	3860.00	62.20	65.74	3.54	3797.27
MW-11	11/16/16	3860.00	62.17	65.93	3.76	3797.27
MW-11	11/23/16	3860.00	62.17	65.98	3.81	3797.26
MW-11	12/09/16	3860.00	62.21	65.85	3.64	3797.24
MW-11	12/14/16	3860.00	62.22	65.99	3.77	3797.21
MW-11	12/28/16	3860.00	62.21	66.17	3.96	3797.20

TABLE 1

2016 GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 12	02/02/16	3863.10	-	63.03	0.00	3800.07
MW - 12	04/28/16	3863.10	-	63.12	0.00	3799.98
MW - 12	05/10/16	3863.10	-	63.14	0.00	3799.96
MW - 12	07/01/16	3863.10	-	63.22	0.00	3799.88
MW - 12	07/29/16	3863.10	-	63.26	0.00	3799.84
MW - 12	08/09/16	3863.10	-	63.26	0.00	3799.84
MW - 12	09/15/16	3863.10	-	63.29	0.00	3799.81
MW - 12	11/15/16	3863.10	-	63.38	0.00	3799.72
MW - 12	12/14/16	3863.10	-	63.46	0.00	3799.64
MW - 13	02/02/16	3862.44	-	61.54	0.00	3800.90
MW - 13	04/28/16	3862.44	-	61.55	0.00	3800.89
MW - 13	05/10/16	3862.44	-	61.56	0.00	3800.88
MW - 13	07/01/16	3862.44	-	61.64	0.00	3800.80
MW - 13	07/29/16	3862.44	-	61.68	0.00	3800.76
MW - 13	08/08/16	3862.44	-	61.69	0.00	3800.75
MW - 13	11/15/16	3862.44	-	61.78	0.00	3800.66
MW - 13	12/14/16	3862.44	-	61.86	0.00	3800.58
MW - 14	01/08/16	3862.95	-	62.65	0.00	3800.30
MW - 14	01/14/16	3862.95	-	62.65	0.00	3800.30
MW - 14	01/28/16	3862.95	-	62.61	0.00	3800.34
MW - 14	02/02/16	3862.95	-	62.68	0.00	3800.27
MW - 14	02/09/16	3862.95	-	62.58	0.00	3800.37
MW - 14	03/02/16	3862.95	-	62.64	0.00	3800.31
MW - 14	03/09/16	3862.95	-	62.70	0.00	3800.25
MW - 14	03/17/16	3862.95	-	62.65	0.00	3800.30
MW - 14	04/06/16	3862.95	-	62.67	0.00	3800.28
MW - 14	04/13/16	3862.95	-	62.69	0.00	3800.26
MW - 14	04/20/16	3862.95	-	62.68	0.00	3800.27
MW - 14	04/27/16	3862.95	-	62.71	0.00	3800.24
MW - 14	04/28/16	3862.95	-	62.71	0.00	3800.24
MW - 14	05/05/16	3862.95	-	62.72	0.00	3800.23
MW - 14	05/10/16	3862.95	-	62.75	0.00	3800.20
MW - 14	06/08/16	3862.95	-	62.77	0.00	3800.18
MW - 14	06/15/16	3862.95	-	62.81	0.00	3800.14
MW - 14	06/21/16	3862.95	-	62.79	0.00	3800.16
MW - 14	06/30/16	3862.95	-	62.79	0.00	3800.16
MW - 14	07/01/16	3862.95	-	62.79	0.00	3800.16
MW - 14	07/15/16	3862.95	-	62.81	0.00	3800.14
MW - 14	07/21/16	3862.95	-	62.85	0.00	3800.10
MW - 14	07/28/16	3862.95	-	62.78	0.00	3800.17

TABLE 1

2016 GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 14	08/02/16	3862.95	-	62.86	0.00	3800.09
MW - 14	08/09/16	3862.95	-	62.78	0.00	3800.17
MW - 14	08/16/16	3862.95	-	62.78	0.00	3800.17
MW - 14	08/25/16	3862.95	-	62.86	0.00	3800.09
MW - 14	09/08/16	3862.95	-	62.87	0.00	3800.08
MW - 14	09/22/16	3862.95	-	62.92	0.00	3800.03
MW - 14	09/29/16	3862.95	-	62.92	0.00	3800.03
MW - 14	10/13/16	3862.95	-	62.97	0.00	3799.98
MW - 14	10/20/16	3862.95	-	62.97	0.00	3799.98
MW - 14	10/27/16	3862.95	-	62.96	0.00	3799.99
MW - 14	11/10/16	3862.95	-	62.95	0.00	3800.00
MW - 14	11/16/16	3862.95	-	63.00	0.00	3799.95
MW - 14	12/09/16	3862.95	-	63.05	0.00	3799.90
MW - 14	12/14/16	3862.95	-	63.10	0.00	3799.85
MW - 15	02/02/16	3861.70	-	61.73	0.00	3799.97
MW - 15	04/28/16	3861.70	-	61.71	0.00	3799.99
MW - 15	05/10/16	3861.70	-	61.79	0.00	3799.91
MW - 15	07/01/16	3861.70	-	61.85	0.00	3799.85
MW - 15	07/29/16	3861.70	-	61.90	0.00	3799.80
MW - 15	08/09/16	3861.70	-	61.90	0.00	3799.80
MW - 15	09/15/16	3861.70	-	61.96	0.00	3799.74
MW - 15	11/16/16	3861.70	-	62.05	0.00	3799.65
MW - 15	12/14/16	3861.70	-	62.08	0.00	3799.62
MW - 16	02/02/16	3863.15	-	62.09	0.00	3801.06
MW - 16	04/28/16	3863.15	-	62.12	0.00	3801.03
MW - 16	05/10/16	3863.15	-	62.00	0.00	3801.15
MW - 16	07/01/16	3863.15	-	62.25	0.00	3800.90
MW - 16	07/29/16	3863.15	-	62.21	0.00	3800.94
MW - 16	08/09/16	3863.15	-	62.21	0.00	3800.94
MW - 16	09/15/16	3863.15	-	62.32	0.00	3800.83
MW - 16	11/16/16	3863.15	-	62.42	0.00	3800.73
MW - 16	12/14/16	3863.15	-	62.41	0.00	3800.74
MW - 17	02/02/16	3859.17	-	63.74	0.00	3795.43
MW - 17	04/28/16	3859.17	-	63.80	0.00	3795.37
MW - 17	05/10/16	3859.17	-	63.82	0.00	3795.35
MW - 17	07/01/16	3859.17	-	63.87	0.00	3795.30
MW - 17	07/29/16	3859.17	-	63.86	0.00	3795.31
MW - 17	08/09/16	3859.17	-	63.88	0.00	3795.29
MW - 17	09/15/16	3859.17	-	63.90	0.00	3795.27

TABLE 1

2016 GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 17	11/16/16	3859.17	-	63.98	0.00	3795.19
MW - 17	12/14/16	3859.17	-	64.01	0.00	3795.16
MW - 18	02/02/16	3859.98	-	63.32	0.00	3796.66
MW - 18	04/28/16	3859.98	-	63.38	0.00	3796.60
MW - 18	05/10/16	3859.98	-	63.40	0.00	3796.58
MW - 18	07/01/16	3859.98	-	63.46	0.00	3796.52
MW - 18	07/29/16	3859.98	-	63.06	0.00	3796.92
MW - 18	08/08/16	3859.98	-	63.48	0.00	3796.50
MW - 18	09/15/16	3859.98	-	63.50	0.00	3796.48
MW - 18	11/15/16	3859.98	-	63.59	0.00	3796.39
MW - 18	12/14/16	3859.98	-	63.66	0.00	3796.32
MW - 19	02/02/16	3862.30	-	64.28	0.00	3798.02
MW - 19	04/28/16	3862.30	-	64.35	0.00	3797.95
MW - 19	05/10/16	3862.30	-	64.36	0.00	3797.94
MW - 19	07/01/16	3862.30	-	64.43	0.00	3797.87
MW - 19	07/29/16	3862.30	-	63.48	0.00	3798.82
MW - 19	08/08/16	3862.30	-	64.44	0.00	3797.86
MW - 19	09/15/16	3862.30	-	64.49	0.00	3797.81
MW - 19	11/15/16	3862.30	-	64.56	0.00	3797.74
MW - 19	12/14/16	3862.30	-	64.63	0.00	3797.67
MW - 21	02/02/16	3862.30	-	64.67	0.00	3797.63
MW - 21	04/28/16	3862.30	-	63.73	0.00	3798.57
MW - 21	05/10/16	3862.30	-	63.75	0.00	3798.55
MW - 21	07/01/16	3862.30	-	63.81	0.00	3798.49
MW - 21	07/29/16	3862.30	-	63.85	0.00	3798.45
MW - 21	08/08/16	3862.30	-	63.84	0.00	3798.46
MW - 21	09/15/16	3862.30	-	63.89	0.00	3798.41
MW - 21	11/15/16	3862.30	-	63.98	0.00	3798.32
MW - 21	12/14/16	3862.30	-	64.05	0.00	3798.25
MW - 23	02/02/16	3862.44	-	61.25	0.00	3801.19
MW - 23	04/28/16	3862.44	-	61.31	0.00	3801.13
MW - 23	05/10/16	3862.44	-	61.35	0.00	3801.09
MW - 23	07/01/16	3862.44	-	61.43	0.00	3801.01
MW - 23	07/29/16	3862.44	-	61.49	0.00	3800.95
MW - 23	08/08/16	3862.44	-	61.49	0.00	3800.95
MW - 23	11/15/16	3862.44	-	61.68	0.00	3800.76
MW - 23	12/14/16	3862.44	-	61.72	0.00	3800.72

TABLE 1

2016 GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 24	02/02/16	3864.36	-	62.24	0.00	3802.12
MW - 24	04/28/16	3864.36	-	62.26	0.00	3802.10
MW - 24	06/02/16	3864.36	-	62.33	0.00	3802.03
MW - 24	07/01/16	3864.36	-	62.40	0.00	3801.96
MW - 24	07/29/16	3864.36	-	62.41	0.00	3801.95
MW - 24	08/09/16	3864.36	-	62.43	0.00	3801.93
MW - 24	09/15/16	3864.36	-	62.47	0.00	3801.89
MW - 24	11/16/16	3864.36	-	62.61	0.00	3801.75
MW - 24	12/14/16	3864.36	-	62.62	0.00	3801.74
MW-25	02/02/16	3864.16	-	61.15	0.00	3803.01
MW-25	04/28/16	3864.16	-	61.21	0.00	3802.95
MW-25	05/10/16	3864.16	-	61.25	0.00	3802.91
MW-25	07/01/16	3864.16	-	61.35	0.00	3802.81
MW-25	07/29/16	3864.16	-	61.42	0.00	3802.74
MW-25	08/08/16	3864.16	-	61.40	0.00	3802.76
MW-25	09/15/16	3864.16	-	61.47	0.00	3802.69
MW-25	11/15/16	3864.16	-	61.58	0.00	3802.58
MW-25	12/14/16	3864.16	-	61.61	0.00	3802.55
MW - 26	01/08/16	3858.79	-	64.15	0.00	3794.64
MW - 26	01/14/16	3858.79	-	64.09	0.00	3794.70
MW - 26	01/28/16	3858.79	-	64.17	0.00	3794.62
MW - 26	02/02/16	3858.79	-	64.14	0.00	3794.65
MW - 26	02/09/16	3858.79	-	64.10	0.00	3794.69
MW - 26	03/02/16	3858.79	-	64.16	0.00	3794.63
MW - 26	03/09/16	3858.79	-	64.22	0.00	3794.57
MW - 26	03/17/16	3858.79	-	64.18	0.00	3794.61
MW - 26	04/06/16	3858.79	-	64.21	0.00	3794.58
MW - 26	04/13/16	3858.79	-	64.20	0.00	3794.59
MW - 26	04/20/16	3858.79	-	64.22	0.00	3794.57
MW - 26	04/27/16	3858.79	-	64.24	0.00	3794.55
MW - 26	04/28/16	3858.79	-	64.24	0.00	3794.55
MW - 26	05/05/16	3858.79	-	64.23	0.00	3794.56
MW - 26	05/10/16	3858.79	-	64.22	0.00	3794.57
MW - 26	06/08/16	3858.79	-	64.22	0.00	3794.57
MW - 26	06/15/16	3858.79	-	64.20	0.00	3794.59
MW - 26	06/21/16	3858.79	-	64.28	0.00	3794.51
MW - 26	06/30/16	3858.79	-	64.29	0.00	3794.50
MW - 26	07/01/16	3858.79	-	64.29	0.00	3794.50
MW - 26	07/15/16	3858.79	-	64.30	0.00	3794.49
MW - 26	07/21/16	3858.79	-	64.31	0.00	3794.48

TABLE 1

2016 GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 26	07/28/16	3858.79	-	64.28	0.00	3794.51
MW - 26	08/02/16	3858.79	-	64.32	0.00	3794.47
MW - 26	08/09/16	3858.79	-	64.26	0.00	3794.53
MW - 26	08/16/16	3858.79	-	64.26	0.00	3794.53
MW - 26	08/25/16	3858.79	-	64.32	0.00	3794.47
MW - 26	09/08/16	3858.79	-	64.33	0.00	3794.46
MW - 26	09/22/16	3858.79	-	64.32	0.00	3794.47
MW - 26	09/29/16	3858.79	-	64.39	0.00	3794.40
MW - 26	10/13/16	3858.79	-	64.41	0.00	3794.38
MW - 26	10/20/16	3858.79	-	64.43	0.00	3794.36
MW - 26	10/27/16	3858.79	-	64.39	0.00	3794.40
MW - 26	11/10/16	3858.79	-	64.42	0.00	3794.37
MW - 26	11/16/16	3858.79	-	64.45	0.00	3794.34
MW - 26	12/09/16	3858.79	-	64.44	0.00	3794.35
MW - 26	12/14/16	3858.79	-	64.47	0.00	3794.32
MW - 28	01/08/16	3858.60	-	64.47	0.00	3794.13
MW - 28	01/14/16	3858.60	-	64.28	0.00	3794.32
MW - 28	01/28/16	3858.60	-	64.38	0.00	3794.22
MW - 28	02/02/16	3858.60	-	64.45	0.00	3794.15
MW - 28	02/09/16	3858.60	-	64.33	0.00	3794.27
MW - 28	03/02/16	3858.60	-	64.47	0.00	3794.13
MW - 28	03/09/16	3858.60	-	64.52	0.00	3794.08
MW - 28	03/17/16	3858.60	-	64.46	0.00	3794.14
MW - 28	04/06/16	3858.60	-	64.46	0.00	3794.14
MW - 28	04/13/16	3858.60	-	64.48	0.00	3794.12
MW - 28	04/20/16	3858.60	-	64.48	0.00	3794.12
MW - 28	04/27/16	3858.60	-	64.51	0.00	3794.09
MW - 28	04/28/16	3858.60	-	64.51	0.00	3794.09
MW - 28	05/05/16	3858.60	-	64.50	0.00	3794.10
MW - 28	05/10/16	3858.60	-	64.50	0.00	3794.10
MW - 28	06/08/16	3858.60	-	64.63	0.00	3793.97
MW - 28	06/15/16	3858.60	-	64.61	0.00	3793.99
MW - 28	06/21/16	3858.60	-	64.55	0.00	3794.05
MW - 28	06/30/16	3858.60	-	64.57	0.00	3794.03
MW - 28	07/01/16	3858.60	-	64.57	0.00	3794.03
MW - 28	07/15/16	3858.60	-	64.59	0.00	3794.01
MW - 28	07/21/16	3858.60	-	64.59	0.00	3794.01
MW - 28	07/28/16	3858.60	-	64.53	0.00	3794.07
MW - 28	08/02/16	3858.60	-	64.60	0.00	3794.00
MW - 28	08/09/16	3858.60	-	64.47	0.00	3794.13
MW - 28	08/16/16	3858.60	-	64.49	0.00	3794.11

TABLE 1

2016 GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 28	08/25/16	3858.60	-	64.60	0.00	3794.00
MW - 28	09/08/16	3858.60	-	64.61	0.00	3793.99
MW - 28	09/22/16	3858.60	-	64.65	0.00	3793.95
MW - 28	09/29/16	3858.60	-	64.67	0.00	3793.93
MW - 28	10/13/16	3858.60	-	64.67	0.00	3793.93
MW - 28	10/20/16	3858.60	-	64.68	0.00	3793.92
MW - 28	10/27/16	3858.60	-	64.58	0.00	3794.02
MW - 28	11/10/16	3858.60	-	64.61	0.00	3793.99
MW - 28	11/16/16	3858.60	-	64.59	0.00	3794.01
MW - 28	12/09/16	3858.60	-	64.63	0.00	3793.97
MW - 28	12/14/16	3858.60	-	64.66	0.00	3793.94
MW - 29	01/08/16	3858.54	-	64.84	0.00	3793.70
MW - 29	01/14/16	3858.54	-	64.66	0.00	3793.88
MW - 29	01/28/16	3858.54	-	64.81	0.00	3793.73
MW - 29	02/02/16	3858.54	-	64.81	0.00	3793.73
MW - 29	02/09/16	3858.54	-	64.74	0.00	3793.80
MW - 29	03/02/16	3858.54	-	64.85	0.00	3793.69
MW - 29	03/09/16	3858.54	-	64.84	0.00	3793.70
MW - 29	03/17/16	3858.54	-	64.79	0.00	3793.75
MW - 29	04/06/16	3858.54	-	64.85	0.00	3793.69
MW - 29	04/13/16	3858.54	-	64.87	0.00	3793.67
MW - 29	04/20/16	3858.54	-	64.77	0.00	3793.77
MW - 29	04/27/16	3858.54	-	64.88	0.00	3793.66
MW - 29	04/28/16	3858.54	-	64.88	0.00	3793.66
MW - 29	05/05/16	3858.54	-	64.88	0.00	3793.66
MW - 29	05/10/16	3858.54	-	64.91	0.00	3793.63
MW - 29	06/08/16	3858.54	-	64.95	0.00	3793.59
MW - 29	06/21/16	3858.54	-	64.94	0.00	3793.60
MW - 29	06/30/16	3858.54	-	64.94	0.00	3793.60
MW - 29	07/01/16	3858.54	-	64.94	0.00	3793.60
MW - 29	07/15/16	3858.54	-	64.93	0.00	3793.61
MW - 29	07/21/16	3858.54	-	64.97	0.00	3793.57
MW - 29	07/28/16	3858.54	-	64.93	0.00	3793.61
MW - 29	08/02/16	3858.54	-	65.01	0.00	3793.53
MW - 29	08/09/16	3858.54	-	64.89	0.00	3793.65
MW - 29	08/16/16	3858.54	-	64.89	0.00	3793.65
MW - 29	08/25/16	3858.54	-	64.96	0.00	3793.58
MW - 29	09/01/16	3858.54	-	65.00	0.00	3793.54
MW - 29	09/08/16	3858.54	-	65.00	0.00	3793.54
MW - 29	09/22/16	3858.54	-	65.00	0.00	3793.54
MW - 29	09/29/16	3858.54	-	65.04	0.00	3793.50

TABLE 1

2016 GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 29	10/13/16	3858.54	-	65.05	0.00	3793.49
MW - 29	10/20/16	3858.54	-	65.08	0.00	3793.46
MW - 29	10/27/16	3858.54	-	65.05	0.00	3793.49
MW - 29	11/10/16	3858.54	-	65.03	0.00	3793.51
MW - 29	11/16/16	3858.54	-	65.08	0.00	3793.46
MW - 29	12/09/16	3858.54	-	65.07	0.00	3793.47
MW - 29	12/14/16	3858.54	-	65.12	0.00	3793.42
MW - 30	02/02/16	3858.35	-	63.34	0.00	3795.01
MW - 30	04/28/16	3858.35	-	63.38	0.00	3794.97
MW - 30	05/10/16	3858.35	-	63.40	0.00	3794.95
MW - 30	07/01/16	3858.35	-	63.42	0.00	3794.93
MW - 30	07/29/16	3858.35	-	63.46	0.00	3794.89
MW - 30	08/08/16	3858.35	-	63.46	0.00	3794.89
MW - 30	09/15/16	3858.35	-	63.45	0.00	3794.90
MW - 30	11/15/16	3858.35	-	63.55	0.00	3794.80
MW - 30	12/14/16	3858.35	-	63.62	0.00	3794.73
MW - 31	02/02/16	3858.52	-	64.17	0.00	3794.35
MW - 31	04/28/16	3858.52	-	64.24	0.00	3794.28
MW - 31	05/10/16	3858.52	-	64.25	0.00	3794.27
MW - 31	07/01/16	3858.52	-	64.30	0.00	3794.22
MW - 31	07/29/16	3858.52	-	64.31	0.00	3794.21
MW - 31	08/08/16	3858.52	-	64.33	0.00	3794.19
MW - 31	09/15/16	3858.52	-	64.35	0.00	3794.17
MW - 31	11/15/16	3858.52	-	64.43	0.00	3794.09
MW - 31	12/14/16	3858.52	-	64.49	0.00	3794.03
MW-32	01/08/16	3858.07	-	64.60	0.00	3793.47
MW-32	01/14/16	3858.07	-	64.41	0.00	3793.66
MW-32	01/28/16	3858.07	-	64.49	0.00	3793.58
MW-32	02/02/16	3858.07	-	64.56	0.00	3793.51
MW-32	02/09/16	3858.07	-	64.47	0.00	3793.60
MW-32	03/02/16	3858.07	-	64.57	0.00	3793.50
MW-32	03/09/16	3858.07	-	64.57	0.00	3793.50
MW-32	03/17/16	3858.07	-	64.52	0.00	3793.55
MW-32	04/06/16	3858.07	-	64.55	0.00	3793.52
MW-32	04/13/16	3858.07	-	64.61	0.00	3793.46
MW-32	04/20/16	3858.07	-	64.50	0.00	3793.57
MW-32	04/27/16	3858.07	-	64.64	0.00	3793.43
MW-32	04/28/16	3858.07	-	64.64	0.00	3793.43
MW-32	05/05/16	3858.07	-	64.63	0.00	3793.44

TABLE 1

2016 GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-32	05/10/16	3858.07	-	64.64	0.00	3793.43
MW-32	06/15/16	3858.07	-	64.64	0.00	3793.43
MW-32	06/21/16	3858.07	-	64.69	0.00	3793.38
MW-32	06/30/16	3858.07	-	64.66	0.00	3793.41
MW-32	07/01/16	3858.07	-	64.66	0.00	3793.41
MW-32	07/15/16	3858.07	-	64.65	0.00	3793.42
MW-32	07/21/16	3858.07	-	64.74	0.00	3793.33
MW-32	07/28/16	3858.07	-	64.63	0.00	3793.44
MW-32	08/02/16	3858.07	-	64.71	0.00	3793.36
MW-32	08/09/16	3858.07	-	64.72	0.00	3793.35
MW-32	08/16/16	3858.07	-	64.62	0.00	3793.45
MW-32	08/25/16	3858.07	-	64.67	0.00	3793.40
MW-32	09/01/16	3858.07	-	64.75	0.00	3793.32
MW-32	09/08/16	3858.07	-	64.77	0.00	3793.30
MW-32	09/22/16	3858.07	-	64.78	0.00	3793.29
MW-32	09/29/16	3858.07	-	64.81	0.00	3793.26
MW-32	10/13/16	3858.07	-	64.82	0.00	3793.25
MW-32	10/20/16	3858.07	-	64.82	0.00	3793.25
MW-32	10/27/16	3858.07	-	64.84	0.00	3793.23
MW-32	11/10/16	3858.07	-	64.77	0.00	3793.30
MW-32	11/16/16	3858.07	-	64.80	0.00	3793.27
MW-32	12/09/16	3858.07	-	64.83	0.00	3793.24
MW-32	12/14/16	3858.07	-	64.92	0.00	3793.15
MW-33	02/02/16	3858.36	-	65.07	0.00	3793.29
MW-33	04/28/16	3858.36	-	65.13	0.00	3793.23
MW-33	05/10/16	3858.36	-	65.16	0.00	3793.20
MW-33	07/01/16	3858.36	-	65.18	0.00	3793.18
MW-33	07/29/16	3858.36	-	65.22	0.00	3793.14
MW-33	08/08/16	3858.36	-	65.22	0.00	3793.14
MW-33	09/15/16	3858.36	-	65.25	0.00	3793.11
MW-33	11/15/16	3858.36	-	65.34	0.00	3793.02
MW-33	12/14/16	3858.36	-	65.40	0.00	3792.96
MW-34	02/02/16	3857.91	-	64.98	0.00	3792.93
MW-34	04/28/16	3857.91	-	65.03	0.00	3792.88
MW-34	05/10/16	3857.91	-	65.05	0.00	3792.86
MW-34	07/01/16	3857.91	-	65.09	0.00	3792.82
MW-34	07/29/16	3857.91	-	65.14	0.00	3792.77
MW-34	08/08/16	3857.91	-	65.12	0.00	3792.79
MW-34	09/15/16	3857.91	-	65.16	0.00	3792.75
MW-34	11/15/16	3857.91	-	65.25	0.00	3792.66

TABLE 1

2016 GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-34	12/14/16	3857.91	-	65.31	0.00	3792.60
MW-35	02/02/16	3857.16	-	64.49	0.00	3792.67
MW-35	04/28/16	3857.16	-	64.55	0.00	3792.61
MW-35	05/10/16	3857.16	-	64.57	0.00	3792.59
MW-35	07/01/16	3857.16	-	64.63	0.00	3792.53
MW-35	07/29/16	3857.16	-	64.65	0.00	3792.51
MW-35	08/09/16	3857.16	-	64.65	0.00	3792.51
MW-35	09/15/16	3857.16	-	64.68	0.00	3792.48
MW-35	11/16/16	3857.16	-	64.77	0.00	3792.39
MW-35	12/14/16	3857.16	-	64.82	0.00	3792.34
MW-36	02/02/16	3858.80	-	65.12	0.00	3793.68
MW-36	04/28/16	3858.80	-	65.16	0.00	3793.64
MW-36	05/10/16	3858.80	-	65.16	0.00	3793.64
MW-36	07/01/16	3858.80	-	65.22	0.00	3793.58
MW-36	07/29/16	3858.80	-	65.26	0.00	3793.54
MW-36	08/08/16	3858.80	-	65.24	0.00	3793.56
MW-36	09/15/16	3858.80	-	65.29	0.00	3793.51
MW-36	11/15/16	3858.80	-	65.38	0.00	3793.42
MW-36	12/14/16	3858.80	-	65.42	0.00	3793.38
MW-37	02/02/16	3857.69	-	64.07	0.00	3793.62
MW-37	04/28/16	3857.69	-	64.14	0.00	3793.55
MW-37	05/10/16	3857.69	-	64.95	0.00	3792.74
MW-37	07/01/16	3857.69	-	64.19	0.00	3793.50
MW-37	07/29/16	3857.69	-	64.22	0.00	3793.47
MW-37	08/09/16	3857.69	-	64.20	0.00	3793.49
MW-37	09/15/16	3857.69	-	64.25	0.00	3793.44
MW-37	11/15/16	3857.69	-	64.34	0.00	3793.35
MW-37	12/14/16	3857.69	-	64.37	0.00	3793.32
MW-38	02/02/16	3855.95	-	62.84	0.00	3793.11
MW-38	04/28/16	3855.95	-	62.89	0.00	3793.06
MW-38	05/10/16	3855.95	-	62.92	0.00	3793.03
MW-38	07/01/16	3855.95	-	62.97	0.00	3792.98
MW-38	07/29/16	3855.95	-	63.00	0.00	3792.95
MW-38	08/09/16	3855.95	-	62.98	0.00	3792.97
MW-38	09/15/16	3855.95	-	63.03	0.00	3792.92
MW-38	11/15/16	3855.95	-	63.11	0.00	3792.84
MW-38	12/14/16	3855.95	-	63.16	0.00	3792.79

TABLE 1

2016 GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-39	02/02/16	-	-	63.87	0.00	-
MW-39	04/28/16	-	-	63.92	0.00	-
MW-39	05/10/16	-	-	63.94	0.00	-
MW-39	07/01/16	-	-	63.99	0.00	-
MW-39	07/29/16	-	-	64.04	0.00	-
MW-39	08/09/16	-	-	64.03	0.00	-
MW-39	11/15/16	-	-	64.16	0.00	-
MW-39	12/14/16	-	-	64.23	0.00	-
MW-40	02/02/16	-	-	65.70	0.00	-
MW-40	04/28/16	-	-	65.75	0.00	-
MW-40	05/10/16	-	-	65.76	0.00	-
MW-40	07/01/16	-	-	65.81	0.00	-
MW-40	07/29/16	-	-	65.86	0.00	-
MW-40	08/09/16	-	-	65.84	0.00	-
MW-40	09/15/16	-	-	65.87	0.00	-
MW-40	11/15/16	-	-	65.98	0.00	-
MW-40	12/14/16	-	-	66.01	0.00	-

TABLE 2
2016 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	02/02/16	Not Sampled Due to PSH in Well				
MW - 1	05/11/16	Not Sampled Due to PSH in Well				
MW - 1	08/09/16	Not Sampled Due to PSH in Well				
MW - 1	11/15/16	Not Sampled Due to PSH in Well				
MW - 2	02/02/16	Not Sampled on Current Sample Schedule				
MW - 2	05/11/16	Not Sampled on Current Sample Schedule				
MW - 2	08/09/16	Not Sampled on Current Sample Schedule				
MW - 2	11/15/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 3	02/02/16	Not Sampled on Current Sample Schedule				
MW - 3	05/11/16	Not Sampled on Current Sample Schedule				
MW - 3	08/09/16	Not Sampled on Current Sample Schedule				
MW - 3	11/15/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 4	02/02/16	Not Sampled Due to PSH in Well				
MW - 4	05/11/16	Not Sampled Due to PSH in Well				
MW - 4	08/09/16	Not Sampled Due to PSH in Well				
MW - 4	11/15/16	Not Sampled Due to PSH in Well				
MW - 6	02/03/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	05/11/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	08/09/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	11/15/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 7	02/02/16	Not Sampled Due to PSH in Well				
MW - 7	05/11/16	Not Sampled Due to PSH in Well				
MW - 7	08/09/16	Not Sampled Due to PSH in Well				
MW - 7	11/15/16	Not Sampled Due to PSH in Well				
MW - 9	02/03/16	0.0543	<0.00100	0.0121	<0.00100	
MW - 9	05/11/16	0.00140	<0.00100	<0.00100	<0.00100	
MW - 9	08/09/16	0.112	<0.00100	0.0207	0.00870	
MW - 9	11/16/16	0.0749	<0.00100	0.00670	0.00130	
MW - 10	02/03/16	<0.00100	<0.00100	0.0103	<0.00100	
MW - 10	05/11/16	<0.00100	<0.00100	0.0720	<0.00100	
MW - 10	08/09/16	0.00110	<0.00100	0.0434	<0.00100	
MW - 10	11/16/16	<0.00100	<0.00100	0.00200	<0.00100	

TABLE 2
2016 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
MW - 11	02/02/16	Not Sampled Due to PSH in Well				
MW - 11	05/11/16	Not Sampled Due to PSH in Well				
MW - 11	08/09/16	Not Sampled Due to PSH in Well				
MW - 11	11/15/16	Not Sampled Due to PSH in Well				
MW - 12	02/03/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	05/11/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	08/09/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	11/15/16	0.00110	<0.00100	<0.00100	<0.00100	
MW - 13	02/02/16	Not Sampled on Current Sample Schedule				
MW - 13	05/11/16	Not Sampled on Current Sample Schedule				
MW - 13	08/09/16	Not Sampled on Current Sample Schedule				
MW - 13	11/15/16	<0.00212	<0.00212	<0.00212	<0.00212	
MW - 14	02/03/16	1.85	<0.0500	<0.0500	<0.0500	
MW - 14	05/11/16	2.10	<0.0500	<0.0500	<0.0500	
MW - 14	08/09/16	1.23	<0.0100	0.0528	<0.0100	
MW - 14	11/16/16	1.47	<0.0100	<0.0100	<0.0100	
MW - 15	02/03/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 15	05/11/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 15	08/09/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 15	11/16/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 16	02/03/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 16	05/11/16	0.00590	0.00620	0.00150	0.00160	
MW - 16	08/09/16	0.00190	0.00280	0.00120	0.00120	
MW - 16	11/16/16	0.0125	0.00390	<0.00100	0.00260	
MW - 17	02/03/16	0.00230	<0.00100	<0.00100	0.00210	
MW - 17	05/11/16	0.00100	<0.00100	<0.00100	0.00140	
MW - 17	08/09/16	0.00450	0.00100	<0.00100	0.00250	
MW - 17	11/16/16	0.00340	0.00100	<0.00100	0.00270	
MW - 18	02/02/16	Not Sampled on Current Sample Schedule				
MW - 18	05/10/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 18	08/09/16	Not Sampled on Current Sample Schedule				
MW - 18	11/15/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 19	02/02/16	Not Sampled on Current Sample Schedule				
MW - 19	05/11/16	Not Sampled on Current Sample Schedule				
MW - 19	08/09/16	Not Sampled on Current Sample Schedule				

TABLE 2
2016 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
MW - 19	11/15/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 21	02/02/16	Not Sampled on Current Sample Schedule				
MW - 21	05/11/16	Not Sampled on Current Sample Schedule				
MW - 21	08/09/16	Not Sampled on Current Sample Schedule				
MW - 21	11/15/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 23	02/02/16	Not Sampled on Current Sample Schedule				
MW - 23	05/11/16	Not Sampled on Current Sample Schedule				
MW - 23	08/09/16	Not Sampled on Current Sample Schedule				
MW - 23	11/15/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 24	02/03/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 24	06/02/16	<0.00100	0.00530	0.00200	0.0111	
MW - 24	08/09/16	0.00100	<0.00100	<0.00100	<0.00100	
MW - 24	11/16/16	0.0270	<0.00100	0.0226	<0.00100	
MW - 25	02/02/16	Not Sampled on Current Sample Schedule				
MW - 25	06/02/16	Not Sampled on Current Sample Schedule				
MW - 25	08/09/16	Not Sampled on Current Sample Schedule				
MW - 25	11/15/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 26	02/03/16	0.147	0.0235	0.0671	0.0288	
MW - 26	05/11/16	0.147	0.00960	0.0509	0.024	
MW - 26	08/09/16	0.240	0.00330	0.0893	0.0340	
MW - 26	11/16/16	0.311	0.0241	0.125	0.0541	
MW - 28	02/03/16	0.0426	<0.00100	0.0270	0.00300	
MW - 28	05/11/16	0.0450	<0.00100	0.0111	0.00180	
MW - 28	08/09/16	0.0313	<0.00100	0.0108	0.00140	
MW - 28	11/16/16	0.0977	<0.00100	0.0507	0.0100	
MW - 29	02/03/16	0.0148	<0.00100	0.00170	<0.00100	
MW - 29	05/11/16	0.00200	<0.00100	<0.00100	<0.00100	
MW - 29	08/09/16	0.00240	<0.00100	0.00100	<0.00100	
MW - 29	11/16/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 30	02/02/16	Not Sampled on Current Sample Schedule				
MW - 30	05/11/16	Not Sampled on Current Sample Schedule				
MW - 30	08/09/16	Not Sampled on Current Sample Schedule				
MW - 30	11/15/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 31	02/02/16	Not Sampled on Current Sample Schedule				

TABLE 2
2016 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
MW - 31	05/11/16	Not Sampled on Current Sample Schedule				
MW - 31	08/09/16	Not Sampled on Current Sample Schedule				
MW - 31	11/15/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 32	02/03/16	0.535	<0.0500	<0.0500	<0.0500	
MW - 32	05/11/16	0.170	0.00190	0.00650	0.00630	
MW - 32	08/09/16	0.302	0.00140	0.0157	0.00630	
MW - 32	11/16/16	0.174	0.00910	0.0273	0.0199	
MW - 33	02/02/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 33	05/10/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 33	08/08/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 33	11/15/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 34	02/02/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 34	05/10/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 34	08/08/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 34	11/15/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 35	02/03/16	0.00140	<0.00100	0.00560	0.00570	
MW - 35	05/11/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 35	08/09/16	<0.00100	<0.00100	0.00110	0.00390	
MW - 35	11/16/16	0.00100	<0.00100	0.00180	0.00510	
MW - 36	02/02/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 36	05/11/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 36	08/08/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 36	11/15/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 37	02/03/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 37	05/11/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 37	08/09/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 37	11/15/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 38	02/03/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 38	05/11/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 38	08/09/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 38	11/15/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 39	02/03/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 39	05/11/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 39	08/09/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 39	11/15/16	<0.00100	<0.00100	<0.00100	<0.00100	

TABLE 2
2016 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
MW - 40	02/03/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 40	05/11/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 40	08/09/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 40	11/15/16	<0.00100	<0.00100	<0.00100	<0.00100	

TABLE 3

2016 POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS 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	11/15/16	Not Sampled due to the presence of PSH.																		
MW-2	11/15/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-3	11/15/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4	11/15/16	Not Sampled due to the presence of PSH.																		
MW-6	11/15/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-7	11/15/16	Not Sampled due to the presence of PSH.																		
MW-9	11/16/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	11/16/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-11	11/15/16	Not Sampled due to the presence of PSH.																		
MW-12	11/15/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-13	11/15/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-14	11/16/16	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	
MW-15	11/16/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	11/16/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-17	11/16/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-18	11/15/16	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 3

2016 POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS 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	11/15/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-21	11/15/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-23	11/15/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-24	11/16/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-25	11/16/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-26	11/16/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-28	11/16/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-29	11/16/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-30	11/15/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-31	11/15/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-32	11/16/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-33	11/15/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-34	11/15/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-35	11/16/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-36	11/15/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-37	11/15/16	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 3

2016 POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS 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-38	11/15/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-39	11/15/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-40	11/15/16	Not Sampled as part of Quarterly Monitoring Event.																		

Laboratory Reports



TRACEANALYSIS, INC.

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

Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

Curt Stanley
TRC Solutions
2057 Commerce
Midland, Tx, 79703

Report Date: February 11, 2016

Work Order: 16020403



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
413577	MW 33	water	2016-02-02	16:44	2016-02-04
413578	MW 34	water	2016-02-02	17:13	2016-02-04
413579	MW 36	water	2016-02-02	17:31	2016-02-04
413580	MW 37	water	2016-02-03	10:30	2016-02-04
413581	MW 38	water	2016-02-03	10:48	2016-02-04
413582	MW 39	water	2016-02-03	11:08	2016-02-04
413583	MW 40	water	2016-02-03	11:24	2016-02-04
413584	MW 6	water	2016-02-03	12:06	2016-02-04
413585	MW 24	water	2016-02-03	12:22	2016-02-04
413586	MW 12	water	2016-02-03	12:39	2016-02-04
413587	MW 15	water	2016-02-03	13:02	2016-02-04
413588	MW 10	water	2016-02-03	13:20	2016-02-04
413589	MW 35	water	2016-02-03	13:43	2016-02-04
413590	MW 16	water	2016-02-03	14:01	2016-02-04
413591	MW 17	water	2016-02-03	14:27	2016-02-04
413592	MW 29	water	2016-02-03	15:00	2016-02-04
413593	MW 9	water	2016-02-03	15:47	2016-02-04
413594	MW 28	water	2016-02-03	16:10	2016-02-04
413595	MW 26	water	2016-02-03	16:30	2016-02-04
413596	MW 32	water	2016-02-03	16:58	2016-02-04
413597	MW 14	water	2016-02-03	17:20	2016-02-04

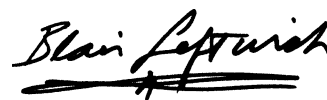
These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

TraceAnalysis, Inc. uses the attached chain of custody (COC) as the laboratory check-in documentation which includes sample receipt, temperature, sample preservation method and condition, collection date and time, testing requested, company, sampler, contacts and any special remarks.

This report consists of a total of 26 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Notes:

For inorganic analyses, the term MQL should actually read PQL.

A handwritten signature in black ink, reading "Blair Leftwich". The signature is written in a cursive style with a horizontal line underneath.

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

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Case Narrative

Samples for project SPS-11 were received by TraceAnalysis, Inc. on 2016-02-04 and assigned to work order 16020403. Samples for work order 16020403 were received intact at a temperature of 4.6 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	108381	2016-02-05 at 11:54	128025	2016-02-05 at 17:30
BTEX	S 8021B	108403	2016-02-08 at 10:38	128077	2016-02-10 at 07:21
BTEX	S 8021B	108440	2016-02-09 at 13:10	128078	2016-02-10 at 07:25

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 16020403 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: 413577 - MW 33

Laboratory: Midland
Analysis: BTEX
QC Batch: 128077
Prep Batch: 108403

Analytical Method: S 8021B
Date Analyzed: 2016-02-10
Sample Preparation: 2016-02-08

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

Parameter	F	C	SDL Based Result	MQL Based Result	Method Blank Result	Units	Dilution	SDL	MQL (Unadjusted)	MDL (Unadjusted)
Benzene	u	1	<0.000504	<0.00100	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	u	1	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	u	1	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	u	1	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	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)			0.0924	mg/L	1	0.100	92	70 - 130

Sample: 413578 - MW 34

Laboratory: Midland
Analysis: BTEX
QC Batch: 128025
Prep Batch: 108381

Analytical Method: S 8021B
Date Analyzed: 2016-02-05
Sample Preparation: 2016-02-05

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

Parameter	F	C	SDL Based Result	MQL Based Result	Method Blank Result	Units	Dilution	SDL	MQL (Unadjusted)	MDL (Unadjusted)
Benzene	u	1	<0.000504	<0.00100	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	u	1	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	u	1	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	u	1	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0850	mg/L	1	0.100	85	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0752	mg/L	1	0.100	75	70 - 130

Sample: 413579 - MW 36

Laboratory: Midland
Analysis: BTEX Analytical Method: S 8021B Prep Method: S 5030B
QC Batch: 128025 Date Analyzed: 2016-02-05 Analyzed By: AK
Prep Batch: 108381 Sample Preparation: 2016-02-05 Prepared By: AK

Parameter	F	C	SDL Based Result	MQL Based Result	Method Blank Result	Units	Dilution	SDL	MQL (Unadjusted)	MDL (Unadjusted)
Benzene	u	1	<0.000504	<0.00100	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	u	1	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	u	1	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	u	1	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0904	mg/L	1	0.100	90	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0723	mg/L	1	0.100	72	70 - 130

Sample: 413580 - MW 37

Laboratory: Midland
Analysis: BTEX Analytical Method: S 8021B Prep Method: S 5030B
QC Batch: 128077 Date Analyzed: 2016-02-10 Analyzed By: AK
Prep Batch: 108403 Sample Preparation: 2016-02-08 Prepared By: AK

Parameter	F	C	SDL Based Result	MQL Based Result	Method Blank Result	Units	Dilution	SDL	MQL (Unadjusted)	MDL (Unadjusted)
Benzene	u	1	<0.000504	<0.00100	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	u	1	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	u	1	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	u	1	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0996	mg/L	1	0.100	100	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0892	mg/L	1	0.100	89	70 - 130

Sample: 413581 - MW 38

Laboratory: Midland
Analysis: BTEX Analytical Method: S 8021B Prep Method: S 5030B
QC Batch: 128077 Date Analyzed: 2016-02-10 Analyzed By: AK

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Prep Batch: 108403

Sample Preparation: 2016-02-08

Prepared By: AK

Parameter	F	C	SDL Based Result	MQL Based Result	Method Blank Result	Units	Dilution	SDL	MQL (Unadjusted)	MDL (Unadjusted)
Benzene	u	1	<0.000504	<0.00100	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	u	1	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	u	1	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	u	1	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.106	mg/L	1	0.100	106	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0944	mg/L	1	0.100	94	70 - 130

Sample: 413582 - MW 39

Laboratory: Midland

Analysis: BTEX

QC Batch: 128077

Prep Batch: 108403

Analytical Method: S 8021B

Date Analyzed: 2016-02-10

Sample Preparation: 2016-02-08

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	F	C	SDL Based Result	MQL Based Result	Method Blank Result	Units	Dilution	SDL	MQL (Unadjusted)	MDL (Unadjusted)
Benzene	u	1	<0.000504	<0.00100	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	u	1	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	u	1	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	u	1	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0983	mg/L	1	0.100	98	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0912	mg/L	1	0.100	91	70 - 130

Sample: 413583 - MW 40

Laboratory: Midland

Analysis: BTEX

QC Batch: 128077

Prep Batch: 108403

Analytical Method: S 8021B

Date Analyzed: 2016-02-10

Sample Preparation: 2016-02-08

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene	u	1	<0.000504	<0.00100	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	u	1	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	u	1	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	u	1	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	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)			0.0830	mg/L	1	0.100	83	70 - 130

Sample: 413584 - MW 6

Laboratory: Midland
Analysis: BTEX
QC Batch: 128077
Prep Batch: 108403

Analytical Method: S 8021B
Date Analyzed: 2016-02-10
Sample Preparation: 2016-02-08

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

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene	u	1	<0.000504	<0.00100	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	u	1	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	u	1	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	u	1	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0948	mg/L	1	0.100	95	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0921	mg/L	1	0.100	92	70 - 130

Sample: 413585 - MW 24

Laboratory: Midland
Analysis: BTEX
QC Batch: 128077
Prep Batch: 108403

Analytical Method: S 8021B
Date Analyzed: 2016-02-10
Sample Preparation: 2016-02-08

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

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene	u	1	<0.000504	<0.00100	<0.000504	mg/L	1	0.000504	0.001	0.000504

continued ...

sample 413585 continued ...

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Toluene	U	1	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	U	1	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	U	1	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	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)			0.0962	mg/L	1	0.100	96	70 - 130

Sample: 413586 - MW 12

Laboratory: Midland
Analysis: BTEX
QC Batch: 128077
Prep Batch: 108403

Analytical Method: S 8021B
Date Analyzed: 2016-02-10
Sample Preparation: 2016-02-08

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

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene	U	1	<0.000504	<0.00100	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	U	1	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	U	1	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	U	1	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0997	mg/L	1	0.100	100	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0886	mg/L	1	0.100	89	70 - 130

Sample: 413587 - MW 15

Laboratory: Midland
Analysis: BTEX
QC Batch: 128077
Prep Batch: 108403

Analytical Method: S 8021B
Date Analyzed: 2016-02-10
Sample Preparation: 2016-02-08

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

continued ...

sample 413587 continued ...

Parameter	F	C	SDL Based Result	MQL Based Result	Method Blank Result	Units	Dilution	SDL	MQL (Unadjusted)	MDL (Unadjusted)
Benzene	u	1	<0.000504	<0.00100	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	u	1	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	u	1	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	u	1	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.106	mg/L	1	0.100	106	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0937	mg/L	1	0.100	94	70 - 130

Sample: 413588 - MW 10

Laboratory: Midland

Analysis: BTEX

QC Batch: 128077

Prep Batch: 108403

Analytical Method: S 8021B

Date Analyzed: 2016-02-10

Sample Preparation: 2016-02-08

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	F	C	SDL Based Result	MQL Based Result	Method Blank Result	Units	Dilution	SDL	MQL (Unadjusted)	MDL (Unadjusted)
Benzene	u	1	<0.000504	<0.00100	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	u	1	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene		1	0.0103	0.0103	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	u	1	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.108	mg/L	1	0.100	108	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0982	mg/L	1	0.100	98	70 - 130

Sample: 413589 - MW 35

Laboratory: Midland

Analysis: BTEX

QC Batch: 128077

Prep Batch: 108403

Analytical Method: S 8021B

Date Analyzed: 2016-02-10

Sample Preparation: 2016-02-08

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene		1	0.00140	0.00140	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	u	1	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene		1	0.00560	0.00560	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene		1	0.00570	0.00570	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.104	mg/L	1	0.100	104	70 - 130
4-Bromofluorobenzene (4-BFB)			0.100	mg/L	1	0.100	100	70 - 130

Sample: 413590 - MW 16

Laboratory: Midland
Analysis: BTEX
QC Batch: 128077
Prep Batch: 108403

Analytical Method: S 8021B
Date Analyzed: 2016-02-10
Sample Preparation: 2016-02-08

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

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene	u	1	<0.000504	<0.00100	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	u	1	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	u	1	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	u	1	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	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)			0.0879	mg/L	1	0.100	88	70 - 130

Sample: 413591 - MW 17

Laboratory: Midland
Analysis: BTEX
QC Batch: 128077
Prep Batch: 108403

Analytical Method: S 8021B
Date Analyzed: 2016-02-10
Sample Preparation: 2016-02-08

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

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene		1	0.00230	0.00230	<0.000504	mg/L	1	0.000504	0.001	0.000504

continued ...

sample 413591 continued ...

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Toluene	U	1	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	U	1	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene		1	0.00210	0.00210	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	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)			0.0896	mg/L	1	0.100	90	70 - 130

Sample: 413592 - MW 29

Laboratory: Midland
Analysis: BTEX
QC Batch: 128077
Prep Batch: 108403

Analytical Method: S 8021B
Date Analyzed: 2016-02-10
Sample Preparation: 2016-02-08

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

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene		1	0.0148	0.0148	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	U	1	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene		1	0.00170	0.00170	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	U	1	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	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)			0.111	mg/L	1	0.100	111	70 - 130

Sample: 413593 - MW 9

Laboratory: Midland
Analysis: BTEX
QC Batch: 128078
Prep Batch: 108440

Analytical Method: S 8021B
Date Analyzed: 2016-02-10
Sample Preparation: 2016-02-09

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

continued ...

sample 413593 continued ...

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene		1	0.0543	0.0543	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	u	1	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene		1	0.0121	0.0121	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	u	1	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.107	mg/L	1	0.100	107	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0927	mg/L	1	0.100	93	70 - 130

Sample: 413594 - MW 28

Laboratory: Midland
Analysis: BTEX
QC Batch: 128078
Prep Batch: 108440

Analytical Method: S 8021B
Date Analyzed: 2016-02-10
Sample Preparation: 2016-02-09

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

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene		1	0.0426	0.0426	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	u	1	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene		1	0.0270	0.0270	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene		1	0.00300	0.00300	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0998	mg/L	1	0.100	100	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0932	mg/L	1	0.100	93	70 - 130

Sample: 413595 - MW 26

Laboratory: Midland
Analysis: BTEX
QC Batch: 128078
Prep Batch: 108440

Analytical Method: S 8021B
Date Analyzed: 2016-02-10
Sample Preparation: 2016-02-09

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

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene		1	0.147	0.147	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene		1	0.0235	0.0235	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene		1	0.0671	0.0671	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene		1	0.0288	0.0288	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0914	mg/L	1	0.100	91	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0956	mg/L	1	0.100	96	70 - 130

Sample: 413596 - MW 32

Laboratory: Midland
Analysis: BTEX
QC Batch: 128078
Prep Batch: 108440

Analytical Method: S 8021B
Date Analyzed: 2016-02-10
Sample Preparation: 2016-02-09

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

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene		1	0.535	0.535	<0.0252	mg/L	50	0.0252	0.001	0.000504
Toluene	u	1	<0.0310	<0.0500	<0.0310	mg/L	50	0.0310	0.001	0.000621
Ethylbenzene	u	1	<0.0382	<0.0500	<0.0382	mg/L	50	0.0382	0.001	0.000763
Xylene	u	1	<0.0128	<0.0500	<0.0128	mg/L	50	0.0128	0.001	0.000256

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			5.50	mg/L	50	5.00	110	70 - 130
4-Bromofluorobenzene (4-BFB)			4.69	mg/L	50	5.00	94	70 - 130

Sample: 413597 - MW 14

Laboratory: Midland
Analysis: BTEX
QC Batch: 128078
Prep Batch: 108440

Analytical Method: S 8021B
Date Analyzed: 2016-02-10
Sample Preparation: 2016-02-09

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

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene		1	1.85	1.85	<0.0252	mg/L	50	0.0252	0.001	0.000504

continued ...

sample 413597 continued ...

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Toluene	U	1	<0.0310	<0.0500	<0.0310	mg/L	50	0.0310	0.001	0.000621
Ethylbenzene	U	1	<0.0382	<0.0500	<0.0382	mg/L	50	0.0382	0.001	0.000763
Xylene	U	1	<0.0128	<0.0500	<0.0128	mg/L	50	0.0128	0.001	0.000256

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			5.21	mg/L	50	5.00	104	70 - 130
4-Bromofluorobenzene (4-BFB)			4.44	mg/L	50	5.00	89	70 - 130

Method Blanks

Method Blank (1)

QC Batch: 128025
Prep Batch: 108381

Date Analyzed: 2016-02-05
QC Preparation: 2016-02-05

Analyzed By: AK
Prepared By: AK

Parameter	F	C	Result	Units	Reporting Limits
Benzene		1	<0.000504	mg/L	0.000504
Toluene		1	<0.000621	mg/L	0.000621
Ethylbenzene		1	<0.000763	mg/L	0.000763
Xylene		1	<0.000256	mg/L	0.000256

Surrogate	F	C	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)			0.0763	mg/L	1	0.100	76	70 - 130

Method Blank (1)

QC Batch: 128077
Prep Batch: 108403

Date Analyzed: 2016-02-10
QC Preparation: 2016-02-08

Analyzed By: AK
Prepared By: AK

Parameter	F	C	Result	Units	Reporting Limits
Benzene		1	<0.000504	mg/L	0.000504
Toluene		1	<0.000621	mg/L	0.000621
Ethylbenzene		1	<0.000763	mg/L	0.000763
Xylene		1	<0.000256	mg/L	0.000256

Surrogate	F	C	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)			0.0905	mg/L	1	0.100	90	70 - 130

Method Blank (1)

QC Batch: 128078
Prep Batch: 108440

Date Analyzed: 2016-02-10
QC Preparation: 2016-02-09

Analyzed By: AK
Prepared By: AK

Parameter	F	C	Result	Units	Reporting Limits
Benzene		1	<0.000504	mg/L	0.000504
Toluene		1	<0.000621	mg/L	0.000621
Ethylbenzene		1	<0.000763	mg/L	0.000763
Xylene		1	<0.000256	mg/L	0.000256

Surrogate	F	C	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)			0.0865	mg/L	1	0.100	86	70 - 130

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 128025
Prep Batch: 108381

Date Analyzed: 2016-02-05
QC Preparation: 2016-02-05

Analyzed By: AK
Prepared By: AK

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.0903	mg/L	1	0.100	<0.000504	90	70 - 130
Toluene		1	0.0814	mg/L	1	0.100	<0.000621	81	70 - 130
Ethylbenzene		1	0.0773	mg/L	1	0.100	<0.000763	77	70 - 130
Xylene		1	0.233	mg/L	1	0.300	<0.000256	78	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	0.0866	mg/L	1	0.100	<0.000504	87	70 - 130	4	20
Toluene		1	0.0792	mg/L	1	0.100	<0.000621	79	70 - 130	3	20
Ethylbenzene		1	0.0788	mg/L	1	0.100	<0.000763	79	70 - 130	2	20
Xylene		1	0.234	mg/L	1	0.300	<0.000256	78	70 - 130	0	20

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

Surrogate	F	C	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)			0.0814	0.0771	mg/L	1	0.100	81	77	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0712	0.0709	mg/L	1	0.100	71	71	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 128077
Prep Batch: 108403

Date Analyzed: 2016-02-10
QC Preparation: 2016-02-08

Analyzed By: AK
Prepared By: AK

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.104	mg/L	1	0.100	<0.000504	104	70 - 130
Toluene		1	0.0924	mg/L	1	0.100	<0.000621	92	70 - 130
Ethylbenzene		1	0.112	mg/L	1	0.100	<0.000763	112	70 - 130
Xylene		1	0.278	mg/L	1	0.300	<0.000256	93	70 - 130

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

continued ...

control spikes continued ...

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.0995	mg/L	1	0.100	<0.000504	100	70 - 130	4	20
Toluene		1	0.0867	mg/L	1	0.100	<0.000621	87	70 - 130	6	20
Ethylbenzene		1	0.106	mg/L	1	0.100	<0.000763	106	70 - 130	6	20
Xylene		1	0.268	mg/L	1	0.300	<0.000256	89	70 - 130	4	20

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

Surrogate	F	C	LCS Result	LCS Result	Units	Dil.	Spike Amount	LCS Rec.	LCS Rec.	Rec. Limit
Trifluorotoluene (TFT)			0.0898	0.0984	mg/L	1	0.100	90	98	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0869	0.0915	mg/L	1	0.100	87	92	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 128078
Prep Batch: 108440

Date Analyzed: 2016-02-10
QC Preparation: 2016-02-09

Analyzed By: AK
Prepared By: AK

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.104	mg/L	1	0.100	<0.000504	104	70 - 130
Toluene		1	0.0897	mg/L	1	0.100	<0.000621	90	70 - 130
Ethylbenzene		1	0.107	mg/L	1	0.100	<0.000763	107	70 - 130
Xylene		1	0.267	mg/L	1	0.300	<0.000256	89	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	<0.000504	103	70 - 130	1	20
Toluene		1	0.0895	mg/L	1	0.100	<0.000621	90	70 - 130	0	20
Ethylbenzene		1	0.106	mg/L	1	0.100	<0.000763	106	70 - 130	1	20
Xylene		1	0.264	mg/L	1	0.300	<0.000256	88	70 - 130	1	20

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

Surrogate	F	C	LCS Result	LCS Result	Units	Dil.	Spike Amount	LCS Rec.	LCS Rec.	Rec. Limit
Trifluorotoluene (TFT)			0.0933	0.0895	mg/L	1	0.100	93	90	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0937	0.0927	mg/L	1	0.100	94	93	70 - 130

Matrix Spikes

Matrix Spike (MS-1) Spiked Sample: 413212

QC Batch: 128025
Prep Batch: 108381

Date Analyzed: 2016-02-05
QC Preparation: 2016-02-05

Analyzed By: AK
Prepared By: AK

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.0914	mg/L	1	0.100	<0.000504	91	70 - 130
Toluene		1	0.0828	mg/L	1	0.100	<0.000621	83	70 - 130
Ethylbenzene		1	0.0806	mg/L	1	0.100	<0.000763	81	70 - 130
Xylene		1	0.239	mg/L	1	0.300	<0.000256	80	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	0.0933	mg/L	1	0.100	<0.000504	93	70 - 130	2	20
Toluene		1	0.0903	mg/L	1	0.100	<0.000621	90	70 - 130	9	20
Ethylbenzene		1	0.0860	mg/L	1	0.100	<0.000763	86	70 - 130	6	20
Xylene		1	0.252	mg/L	1	0.300	<0.000256	84	70 - 130	5	20

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

Surrogate	F	C	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)			0.0896	0.0834	mg/L	1	0.1	90	83	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0780	0.0713	mg/L	1	0.1	78	71	70 - 130

Matrix Spike (MS-1) Spiked Sample: 413580

QC Batch: 128077
Prep Batch: 108403

Date Analyzed: 2016-02-10
QC Preparation: 2016-02-08

Analyzed By: AK
Prepared By: AK

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.0962	mg/L	1	0.100	<0.000504	96	70 - 130
Toluene		1	0.0818	mg/L	1	0.100	<0.000621	82	70 - 130
Ethylbenzene		1	0.100	mg/L	1	0.100	<0.000763	100	70 - 130
Xylene		1	0.252	mg/L	1	0.300	<0.000256	84	70 - 130

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

continued ...

matrix spikes continued ...

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.102	mg/L	1	0.100	<0.000504	102	70 - 130	6	20
Toluene		1	0.0926	mg/L	1	0.100	<0.000621	93	70 - 130	12	20
Ethylbenzene		1	0.114	mg/L	1	0.100	<0.000763	114	70 - 130	13	20
Xylene		1	0.282	mg/L	1	0.300	<0.000256	94	70 - 130	11	20

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

Surrogate	F	C	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)			0.0924	0.0951	mg/L	1	0.1	92	95	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0929	0.0899	mg/L	1	0.1	93	90	70 - 130

Matrix Spike (MS-1) Spiked Sample: 413619

QC Batch: 128078
Prep Batch: 108440

Date Analyzed: 2016-02-10
QC Preparation: 2016-02-09

Analyzed By: AK
Prepared By: AK

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.105	mg/L	1	0.100	<0.000504	105	70 - 130
Toluene		1	0.0876	mg/L	1	0.100	<0.000621	88	70 - 130
Ethylbenzene		1	0.105	mg/L	1	0.100	<0.000763	105	70 - 130
Xylene		1	0.261	mg/L	1	0.300	<0.000256	87	70 - 130

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

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.107	mg/L	1	0.100	<0.000504	107	70 - 130	2	20
Toluene		1	0.0911	mg/L	1	0.100	<0.000621	91	70 - 130	4	20
Ethylbenzene		1	0.108	mg/L	1	0.100	<0.000763	108	70 - 130	3	20
Xylene		1	0.270	mg/L	1	0.300	<0.000256	90	70 - 130	3	20

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

Surrogate	F	C	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)			0.0928	0.102	mg/L	1	0.1	93	102	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0907	0.0966	mg/L	1	0.1	91	97	70 - 130

Calibration Standards

Standard (CCV-1)

QC Batch: 128025

Date Analyzed: 2016-02-05

Analyzed By: AK

Param	F	C	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	2016-02-05
Toluene		1	mg/L	0.100	0.0902	90	80 - 120	2016-02-05
Ethylbenzene		1	mg/L	0.100	0.0884	88	80 - 120	2016-02-05
Xylene		1	mg/L	0.300	0.265	88	80 - 120	2016-02-05

Standard (CCV-2)

QC Batch: 128025

Date Analyzed: 2016-02-05

Analyzed By: AK

Param	F	C	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0917	92	80 - 120	2016-02-05
Toluene		1	mg/L	0.100	0.0835	84	80 - 120	2016-02-05
Ethylbenzene		1	mg/L	0.100	0.0835	84	80 - 120	2016-02-05
Xylene		1	mg/L	0.300	0.246	82	80 - 120	2016-02-05

Standard (CCV-1)

QC Batch: 128077

Date Analyzed: 2016-02-10

Analyzed By: AK

Param	F	C	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	2016-02-10
Toluene		1	mg/L	0.100	0.0915	92	80 - 120	2016-02-10
Ethylbenzene		1	mg/L	0.100	0.111	111	80 - 120	2016-02-10
Xylene		1	mg/L	0.300	0.274	91	80 - 120	2016-02-10

Standard (CCV-2)

QC Batch: 128077

Date Analyzed: 2016-02-10

Analyzed By: AK

Param	F	C	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	2016-02-10
Toluene		1	mg/L	0.100	0.0911	91	80 - 120	2016-02-10
Ethylbenzene		1	mg/L	0.100	0.110	110	80 - 120	2016-02-10
Xylene		1	mg/L	0.300	0.270	90	80 - 120	2016-02-10

Standard (CCV-3)

QC Batch: 128077

Date Analyzed: 2016-02-10

Analyzed By: AK

Param	F	C	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.106	106	80 - 120	2016-02-10
Toluene		1	mg/L	0.100	0.0910	91	80 - 120	2016-02-10
Ethylbenzene		1	mg/L	0.100	0.108	108	80 - 120	2016-02-10
Xylene		1	mg/L	0.300	0.268	89	80 - 120	2016-02-10

Standard (CCV-1)

QC Batch: 128078

Date Analyzed: 2016-02-10

Analyzed By: AK

Param	F	C	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.106	106	80 - 120	2016-02-10
Toluene		1	mg/L	0.100	0.0910	91	80 - 120	2016-02-10
Ethylbenzene		1	mg/L	0.100	0.108	108	80 - 120	2016-02-10
Xylene		1	mg/L	0.300	0.268	89	80 - 120	2016-02-10

Standard (CCV-2)

QC Batch: 128078

Date Analyzed: 2016-02-10

Analyzed By: AK

Param	F	C	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	2016-02-10
Toluene		1	mg/L	0.100	0.0871	87	80 - 120	2016-02-10
Ethylbenzene		1	mg/L	0.100	0.106	106	80 - 120	2016-02-10
Xylene		1	mg/L	0.300	0.258	86	80 - 120	2016-02-10

Limits of Detection (LOD)

Test	Method	Matrix	Instrument	Analyte	Spike	Pass
					Amount	
BTEX	S 8021B	water	BTEX-2	Benzene	0.000500	Pass
BTEX	S 8021B	water	BTEX-2	Toluene	0.000500	Pass
BTEX	S 8021B	water	BTEX-2	Ethylbenzene	0.000500	Pass
BTEX	S 8021B	water	BTEX-2	Xylene	0.000500	Pass

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

Attachments

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

Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

Curt Stanley
TRC Solutions
2057 Commerce
Midland, Tx, 79703

Report Date: May 17, 2016

Work Order: 16051205



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
418901	MW 18	water	2016-05-10	16:49	2016-05-12
418902	MW 33	water	2016-05-10	17:16	2016-05-12
418903	MW 34	water	2016-05-10	17:42	2016-05-12
418904	MW 36	water	2016-05-11	10:41	2016-05-12
418905	MW 37	water	2016-05-11	11:06	2016-05-12
418906	MW 38	water	2016-05-11	11:22	2016-05-12
418907	MW 39	water	2016-05-11	11:43	2016-05-12
418908	MW 40	water	2016-05-11	12:02	2016-05-12
418909	MW 6	water	2016-05-11	12:34	2016-05-12
418910	MW 12	water	2016-05-11	12:52	2016-05-12
418911	MW 15	water	2016-05-11	13:14	2016-05-12
418912	MW 10	water	2016-05-11	13:32	2016-05-12
418913	MW 16	water	2016-05-11	13:54	2016-05-12
418914	MW 35	water	2016-05-11	14:17	2016-05-12
418915	MW 17	water	2016-05-11	14:34	2016-05-12
418916	MW 29	water	2016-05-11	14:57	2016-05-12
418917	MW 28	water	2016-05-11	15:19	2016-05-12
418918	MW 9	water	2016-05-11	15:56	2016-05-12
418919	MW 26	water	2016-05-11	16:22	2016-05-12
418920	MW 32	water	2016-05-11	16:49	2016-05-12
418921	MW 14	water	2016-05-11	17:10	2016-05-12

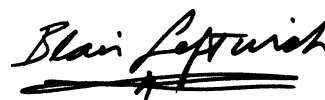
These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

TraceAnalysis, Inc. uses the attached chain of custody (COC) as the laboratory check-in documentation which includes sample receipt, temperature, sample preservation method and condition, collection date and time, testing requested, company, sampler, contacts and any special remarks.

This report consists of a total of 26 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Notes:

For inorganic analyses, the term MQL should actually read PQL.

A handwritten signature in black ink, reading "Blair Leftwich". The signature is written in a cursive style and is positioned above a horizontal line.

Dr. Blair Leftwich, Director
James Taylor, Assistant Director
Johnny Grindstaff, Operations Manager

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Case Narrative

Samples for project SPS-11 were received by TraceAnalysis, Inc. on 2016-05-12 and assigned to work order 16051205. Samples for work order 16051205 were received intact at a temperature of 5.8 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	110193	2016-05-12 at 14:50	130068	2016-05-13 at 07:04
BTEX	S 8021B	110194	2016-05-12 at 16:30	130095	2016-05-16 at 08:40

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 16051205 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: 418901 - MW 18

Laboratory: Midland
Analysis: BTEX
QC Batch: 130068
Prep Batch: 110193

Analytical Method: S 8021B
Date Analyzed: 2016-05-13
Sample Preparation: 2016-05-12

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

Parameter	F	C	SDL Based Result	MQL Based Result	Method Blank Result	Units	Dilution	SDL	MQL (Unadjusted)	MDL (Unadjusted)
Benzene	U	5	<0.000504	<0.00100	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	U	5	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	U	5	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	U	5	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0939	mg/L	1	0.100	94	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0819	mg/L	1	0.100	82	70 - 130

Sample: 418902 - MW 33

Laboratory: Midland
Analysis: BTEX
QC Batch: 130068
Prep Batch: 110193

Analytical Method: S 8021B
Date Analyzed: 2016-05-13
Sample Preparation: 2016-05-12

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

Parameter	F	C	SDL Based Result	MQL Based Result	Method Blank Result	Units	Dilution	SDL	MQL (Unadjusted)	MDL (Unadjusted)
Benzene	U	5	<0.000504	<0.00100	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	U	5	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	U	5	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	U	5	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	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)			0.0776	mg/L	1	0.100	78	70 - 130

Sample: 418903 - MW 34

Laboratory: Midland
Analysis: BTEX Analytical Method: S 8021B Prep Method: S 5030B
QC Batch: 130068 Date Analyzed: 2016-05-13 Analyzed By: AK
Prep Batch: 110193 Sample Preparation: 2016-05-12 Prepared By: AK

Parameter	F	C	SDL Based Result	MQL Based Result	Method Blank Result	Units	Dilution	SDL	MQL (Unadjusted)	MDL (Unadjusted)
Benzene	u	5	<0.000504	<0.00100	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	u	5	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	u	5	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	u	5	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	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)			0.0782	mg/L	1	0.100	78	70 - 130

Sample: 418904 - MW 36

Laboratory: Midland
Analysis: BTEX Analytical Method: S 8021B Prep Method: S 5030B
QC Batch: 130068 Date Analyzed: 2016-05-13 Analyzed By: AK
Prep Batch: 110193 Sample Preparation: 2016-05-12 Prepared By: AK

Parameter	F	C	SDL Based Result	MQL Based Result	Method Blank Result	Units	Dilution	SDL	MQL (Unadjusted)	MDL (Unadjusted)
Benzene	u	5	<0.000504	<0.00100	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	u	5	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	u	5	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	u	5	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	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)			0.0771	mg/L	1	0.100	77	70 - 130

Sample: 418905 - MW 37

Laboratory: Midland
Analysis: BTEX Analytical Method: S 8021B Prep Method: S 5030B
QC Batch: 130068 Date Analyzed: 2016-05-13 Analyzed By: AK

Report Date: May 17, 2016
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Prep Batch: 110193

Sample Preparation: 2016-05-12

Prepared By: AK

Parameter	F	C	SDL Based Result	MQL Based Result	Method Blank Result	Units	Dilution	SDL	MQL (Unadjusted)	MDL (Unadjusted)
Benzene	u	5	<0.000504	<0.00100	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	u	5	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	u	5	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	u	5	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	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)			0.0759	mg/L	1	0.100	76	70 - 130

Sample: 418906 - MW 38

Laboratory: Midland

Analysis: BTEX

QC Batch: 130068

Prep Batch: 110193

Analytical Method: S 8021B

Date Analyzed: 2016-05-13

Sample Preparation: 2016-05-12

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	F	C	SDL Based Result	MQL Based Result	Method Blank Result	Units	Dilution	SDL	MQL (Unadjusted)	MDL (Unadjusted)
Benzene	u	5	<0.000504	<0.00100	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	u	5	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	u	5	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	u	5	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0878	mg/L	1	0.100	88	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0737	mg/L	1	0.100	74	70 - 130

Sample: 418907 - MW 39

Laboratory: Midland

Analysis: BTEX

QC Batch: 130095

Prep Batch: 110194

Analytical Method: S 8021B

Date Analyzed: 2016-05-16

Sample Preparation: 2016-05-12

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	F	C	SDL Based Result	ML Based Result	Method Blank Result	Units	Dilution	SDL	ML (Unadjusted)	MDL (Unadjusted)
Benzene	U	5	<0.000504	<0.00100	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	U	5	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	U	5	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	U	5	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	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)			0.0797	mg/L	1	0.100	80	70 - 130

Sample: 418908 - MW 40

Laboratory: Midland
Analysis: BTEX
QC Batch: 130095
Prep Batch: 110194

Analytical Method: S 8021B
Date Analyzed: 2016-05-16
Sample Preparation: 2016-05-12

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

Parameter	F	C	SDL Based Result	ML Based Result	Method Blank Result	Units	Dilution	SDL	ML (Unadjusted)	MDL (Unadjusted)
Benzene	U	5	<0.000504	<0.00100	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	U	5	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	U	5	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	U	5	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0904	mg/L	1	0.100	90	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0733	mg/L	1	0.100	73	70 - 130

Sample: 418909 - MW 6

Laboratory: Midland
Analysis: BTEX
QC Batch: 130095
Prep Batch: 110194

Analytical Method: S 8021B
Date Analyzed: 2016-05-16
Sample Preparation: 2016-05-12

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

Parameter	F	C	SDL Based Result	ML Based Result	Method Blank Result	Units	Dilution	SDL	ML (Unadjusted)	MDL (Unadjusted)
Benzene	U	5	<0.000504	<0.00100	<0.000504	mg/L	1	0.000504	0.001	0.000504

continued ...

sample 418909 continued ...

Parameter	F	C	SDL Based Result	MQL Based Result	Method Blank Result	Units	Dilution	SDL	MQL (Unadjusted)	MDL (Unadjusted)
Toluene	U	5	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	U	5	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	U	5	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0918	mg/L	1	0.100	92	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0743	mg/L	1	0.100	74	70 - 130

Sample: 418910 - MW 12

Laboratory: Midland
Analysis: BTEX
QC Batch: 130095
Prep Batch: 110194

Analytical Method: S 8021B
Date Analyzed: 2016-05-16
Sample Preparation: 2016-05-12

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

Parameter	F	C	SDL Based Result	MQL Based Result	Method Blank Result	Units	Dilution	SDL	MQL (Unadjusted)	MDL (Unadjusted)
Benzene	U	5	<0.000504	<0.00100	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	U	5	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	U	5	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	U	5	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0875	mg/L	1	0.100	88	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0714	mg/L	1	0.100	71	70 - 130

Sample: 418911 - MW 15

Laboratory: Midland
Analysis: BTEX
QC Batch: 130095
Prep Batch: 110194

Analytical Method: S 8021B
Date Analyzed: 2016-05-16
Sample Preparation: 2016-05-12

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

continued ...

sample 418911 continued ...

Parameter	F	C	SDL Based Result	MQL Based Result	Method Blank Result	Units	Dilution	SDL	MQL (Unadjusted)	MDL (Unadjusted)
Benzene	u	5	<0.000504	<0.00100	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	u	5	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	u	5	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	u	5	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0888	mg/L	1	0.100	89	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0735	mg/L	1	0.100	74	70 - 130

Sample: 418912 - MW 10

Laboratory: Midland
Analysis: BTEX
QC Batch: 130095
Prep Batch: 110194

Analytical Method: S 8021B
Date Analyzed: 2016-05-16
Sample Preparation: 2016-05-12

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

Parameter	F	C	SDL Based Result	MQL Based Result	Method Blank Result	Units	Dilution	SDL	MQL (Unadjusted)	MDL (Unadjusted)
Benzene	J	5	0.000900	<0.00100	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	u	5	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene		5	0.0720	0.0720	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	u	5	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	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)			0.107	mg/L	1	0.100	107	70 - 130

Sample: 418913 - MW 16

Laboratory: Midland
Analysis: BTEX
QC Batch: 130095
Prep Batch: 110194

Analytical Method: S 8021B
Date Analyzed: 2016-05-16
Sample Preparation: 2016-05-12

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

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene		5	0.00590	0.00590	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene		5	0.00620	0.00620	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene		5	0.00150	0.00150	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene		5	0.00160	0.00160	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	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)			0.0763	mg/L	1	0.100	76	70 - 130

Sample: 418914 - MW 35

Laboratory: Midland
Analysis: BTEX
QC Batch: 130095
Prep Batch: 110194

Analytical Method: S 8021B
Date Analyzed: 2016-05-16
Sample Preparation: 2016-05-12

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

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene	u	5	<0.000504	<0.00100	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	u	5	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	u	5	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	u	5	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0930	mg/L	1	0.100	93	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0850	mg/L	1	0.100	85	70 - 130

Sample: 418915 - MW 17

Laboratory: Midland
Analysis: BTEX
QC Batch: 130095
Prep Batch: 110194

Analytical Method: S 8021B
Date Analyzed: 2016-05-16
Sample Preparation: 2016-05-12

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

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene		5	0.00100	0.00100	<0.000504	mg/L	1	0.000504	0.001	0.000504

continued ...

sample 418915 continued ...

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Toluene	U	5	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	U	5	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene		5	0.00140	0.00140	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0885	mg/L	1	0.100	88	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0777	mg/L	1	0.100	78	70 - 130

Sample: 418916 - MW 29

Laboratory: Midland
Analysis: BTEX
QC Batch: 130095
Prep Batch: 110194

Analytical Method: S 8021B
Date Analyzed: 2016-05-16
Sample Preparation: 2016-05-12

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

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene		5	0.00200	0.00200	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	U	5	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	J	5	0.000800	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	U	5	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	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)			0.0982	mg/L	1	0.100	98	70 - 130

Sample: 418917 - MW 28

Laboratory: Midland
Analysis: BTEX
QC Batch: 130095
Prep Batch: 110194

Analytical Method: S 8021B
Date Analyzed: 2016-05-16
Sample Preparation: 2016-05-12

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

continued ...

sample 418917 continued ...

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene		5	0.0450	0.0450	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	u	5	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene		5	0.0111	0.0111	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene		5	0.00180	0.00180	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0904	mg/L	1	0.100	90	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0872	mg/L	1	0.100	87	70 - 130

Sample: 418918 - MW 9

Laboratory: Midland
Analysis: BTEX
QC Batch: 130095
Prep Batch: 110194

Analytical Method: S 8021B
Date Analyzed: 2016-05-16
Sample Preparation: 2016-05-12

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

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene		5	0.00140	0.00140	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	u	5	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	u	5	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	u	5	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0995	mg/L	1	0.100	100	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0813	mg/L	1	0.100	81	70 - 130

Sample: 418919 - MW 26

Laboratory: Midland
Analysis: BTEX
QC Batch: 130095
Prep Batch: 110194

Analytical Method: S 8021B
Date Analyzed: 2016-05-16
Sample Preparation: 2016-05-12

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

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene		5	0.147	0.147	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene		5	0.00960	0.00960	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene		5	0.0509	0.0509	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene		5	0.0240	0.0240	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	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)			0.0936	mg/L	1	0.100	94	70 - 130

Sample: 418920 - MW 32

Laboratory: Midland
Analysis: BTEX
QC Batch: 130095
Prep Batch: 110194

Analytical Method: S 8021B
Date Analyzed: 2016-05-16
Sample Preparation: 2016-05-12

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

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene		5	0.170	0.170	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene		5	0.00190	0.00190	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene		5	0.00650	0.00650	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene		5	0.00630	0.00630	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0892	mg/L	1	0.100	89	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0918	mg/L	1	0.100	92	70 - 130

Sample: 418921 - MW 14

Laboratory: Midland
Analysis: BTEX
QC Batch: 130095
Prep Batch: 110194

Analytical Method: S 8021B
Date Analyzed: 2016-05-16
Sample Preparation: 2016-05-12

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

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene		5	2.10	2.10	<0.0252	mg/L	50	0.0252	0.001	0.000504

continued ...

sample 418921 continued ...

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Toluene	U	5	<0.0310	<0.0500	<0.0310	mg/L	50	0.0310	0.001	0.000621
Ethylbenzene	U	5	<0.0382	<0.0500	<0.0382	mg/L	50	0.0382	0.001	0.000763
Xylene	U	5	<0.0128	<0.0500	<0.0128	mg/L	50	0.0128	0.001	0.000256

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			4.54	mg/L	50	5.00	91	70 - 130
4-Bromofluorobenzene (4-BFB)			3.98	mg/L	50	5.00	80	70 - 130

Method Blanks

Method Blank (1)

QC Batch: 130068
Prep Batch: 110193

Date Analyzed: 2016-05-13
QC Preparation: 2016-05-12

Analyzed By: AK
Prepared By: AK

Parameter	F	C	Result	Units	Reporting Limits
Benzene		5	<0.000504	mg/L	0.000504
Toluene		5	<0.000621	mg/L	0.000621
Ethylbenzene		5	<0.000763	mg/L	0.000763
Xylene		5	<0.000256	mg/L	0.000256

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0946	mg/L	1	0.100	95	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0817	mg/L	1	0.100	82	70 - 130

Method Blank (1)

QC Batch: 130095
Prep Batch: 110194

Date Analyzed: 2016-05-16
QC Preparation: 2016-05-12

Analyzed By: AK
Prepared By: AK

Parameter	F	C	Result	Units	Reporting Limits
Benzene		5	<0.000504	mg/L	0.000504
Toluene		5	<0.000621	mg/L	0.000621
Ethylbenzene		5	<0.000763	mg/L	0.000763
Xylene		5	<0.000256	mg/L	0.000256

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0904	mg/L	1	0.100	90	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0769	mg/L	1	0.100	77	70 - 130

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 130068
Prep Batch: 110193

Date Analyzed: 2016-05-13
QC Preparation: 2016-05-12

Analyzed By: AK
Prepared By: AK

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		5	0.0981	mg/L	1	0.100	<0.000504	98	70 - 130
Toluene		5	0.0983	mg/L	1	0.100	<0.000621	98	70 - 130
Ethylbenzene		5	0.103	mg/L	1	0.100	<0.000763	103	70 - 130
Xylene		5	0.322	mg/L	1	0.300	<0.000256	107	70 - 130

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

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		5	0.0949	mg/L	1	0.100	<0.000504	95	70 - 130	3	20
Toluene		5	0.0950	mg/L	1	0.100	<0.000621	95	70 - 130	3	20
Ethylbenzene		5	0.0990	mg/L	1	0.100	<0.000763	99	70 - 130	4	20
Xylene		5	0.310	mg/L	1	0.300	<0.000256	103	70 - 130	4	20

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

Surrogate	F	C	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)			0.0932	0.0914	mg/L	1	0.100	93	91	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0993	0.0975	mg/L	1	0.100	99	98	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 130095
Prep Batch: 110194

Date Analyzed: 2016-05-16
QC Preparation: 2016-05-12

Analyzed By: AK
Prepared By: AK

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		5	0.0982	mg/L	1	0.100	<0.000504	98	70 - 130
Toluene		5	0.0983	mg/L	1	0.100	<0.000621	98	70 - 130
Ethylbenzene		5	0.102	mg/L	1	0.100	<0.000763	102	70 - 130
Xylene		5	0.318	mg/L	1	0.300	<0.000256	106	70 - 130

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

continued ...

control spikes continued ...

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		5	0.0968	mg/L	1	0.100	<0.000504	97	70 - 130	1	20
Toluene		5	0.0971	mg/L	1	0.100	<0.000621	97	70 - 130	1	20
Ethylbenzene		5	0.101	mg/L	1	0.100	<0.000763	101	70 - 130	1	20
Xylene		5	0.316	mg/L	1	0.300	<0.000256	105	70 - 130	1	20

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

Surrogate	F	C	LCS Result	LCS Result	Units	Dil.	Spike Amount	LCS Rec.	LCS Rec.	Rec. Limit
Trifluorotoluene (TFT)			0.0909	0.0922	mg/L	1	0.100	91	92	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0937	0.0952	mg/L	1	0.100	94	95	70 - 130

Matrix Spikes

Matrix Spike (MS-1) Spiked Sample: 418887

QC Batch: 130068
Prep Batch: 110193

Date Analyzed: 2016-05-13
QC Preparation: 2016-05-12

Analyzed By: AK
Prepared By: AK

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		5	10.5	mg/L	50	5.00	5.6446	97	70 - 130
Toluene		5	4.90	mg/L	50	5.00	0.0314	97	70 - 130
Ethylbenzene		5	5.95	mg/L	50	5.00	0.7554	104	70 - 130
Xylene		5	15.9	mg/L	50	15.0	0.1189	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		5	10.7	mg/L	50	5.00	5.6446	101	70 - 130	2	20
Toluene		5	4.68	mg/L	50	5.00	0.0314	93	70 - 130	5	20
Ethylbenzene		5	5.83	mg/L	50	5.00	0.7554	101	70 - 130	2	20
Xylene		5	15.6	mg/L	50	15.0	0.1189	103	70 - 130	2	20

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

Surrogate	F	C	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)			4.68	4.55	mg/L	50	5	94	91	70 - 130
4-Bromofluorobenzene (4-BFB)			5.20	5.00	mg/L	50	5	104	100	70 - 130

Matrix Spike (MS-1) Spiked Sample: 418907

QC Batch: 130095
Prep Batch: 110194

Date Analyzed: 2016-05-16
QC Preparation: 2016-05-12

Analyzed By: AK
Prepared By: AK

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		5	0.0972	mg/L	1	0.100	<0.000504	97	70 - 130
Toluene		5	0.0969	mg/L	1	0.100	<0.000621	97	70 - 130
Ethylbenzene		5	0.100	mg/L	1	0.100	<0.000763	100	70 - 130
Xylene		5	0.315	mg/L	1	0.300	<0.000256	105	70 - 130

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

continued ...

matrix spikes continued ...

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		5	0.102	mg/L	1	0.100	<0.000504	102	70 - 130	5	20
Toluene		5	0.102	mg/L	1	0.100	<0.000621	102	70 - 130	5	20
Ethylbenzene		5	0.107	mg/L	1	0.100	<0.000763	107	70 - 130	7	20
Xylene		5	0.333	mg/L	1	0.300	<0.000256	111	70 - 130	6	20

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

Surrogate	F	C	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)			0.0898	0.0910	mg/L	1	0.1	90	91	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0939	0.0934	mg/L	1	0.1	94	93	70 - 130

Calibration Standards

Standard (CCV-2)

QC Batch: 130068

Date Analyzed: 2016-05-13

Analyzed By: AK

Param	F	C	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		5	mg/L	0.100	0.0949	95	80 - 120	2016-05-13
Toluene		5	mg/L	0.100	0.0948	95	80 - 120	2016-05-13
Ethylbenzene		5	mg/L	0.100	0.0981	98	80 - 120	2016-05-13
Xylene		5	mg/L	0.300	0.308	103	80 - 120	2016-05-13

Standard (CCV-3)

QC Batch: 130068

Date Analyzed: 2016-05-13

Analyzed By: AK

Param	F	C	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		5	mg/L	0.100	0.0947	95	80 - 120	2016-05-13
Toluene		5	mg/L	0.100	0.0943	94	80 - 120	2016-05-13
Ethylbenzene		5	mg/L	0.100	0.0969	97	80 - 120	2016-05-13
Xylene		5	mg/L	0.300	0.304	101	80 - 120	2016-05-13

Standard (CCV-1)

QC Batch: 130095

Date Analyzed: 2016-05-16

Analyzed By: AK

Param	F	C	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		5	mg/L	0.100	0.0947	95	80 - 120	2016-05-16
Toluene		5	mg/L	0.100	0.0943	94	80 - 120	2016-05-16
Ethylbenzene		5	mg/L	0.100	0.0969	97	80 - 120	2016-05-16
Xylene		5	mg/L	0.300	0.304	101	80 - 120	2016-05-16

Standard (CCV-2)

QC Batch: 130095

Date Analyzed: 2016-05-16

Analyzed By: AK

Report Date: May 17, 2016
TNM-SPS-11

Work Order: 16051205
SPS-11

Page Number: 23 of 26

Param	F	C	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		5	mg/L	0.100	0.0969	97	80 - 120	2016-05-16
Toluene		5	mg/L	0.100	0.0963	96	80 - 120	2016-05-16
Ethylbenzene		5	mg/L	0.100	0.0990	99	80 - 120	2016-05-16
Xylene		5	mg/L	0.300	0.309	103	80 - 120	2016-05-16

Standard (CCV-3)

QC Batch: 130095

Date Analyzed: 2016-05-16

Analyzed By: AK

Param	F	C	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		5	mg/L	0.100	0.0986	99	80 - 120	2016-05-16
Toluene		5	mg/L	0.100	0.0983	98	80 - 120	2016-05-16
Ethylbenzene		5	mg/L	0.100	0.101	101	80 - 120	2016-05-16
Xylene		5	mg/L	0.300	0.316	105	80 - 120	2016-05-16

Limits of Detection (LOD)

Test	Method	Matrix	Instrument	Analyte	Spike Amount	Pass
BTEX	S 8021B	water	BTEX-2	Benzene	0.000768	Pass
BTEX	S 8021B	water	BTEX-2	Toluene	0.000768	Pass
BTEX	S 8021B	water	BTEX-2	Ethylbenzene	0.000768	Pass
BTEX	S 8021B	water	BTEX-2	Xylene	0.000768	Pass

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	L-A-B	L2418	Lubbock
2	Kansas	Kansas E-10317	Lubbock
3	LELAP	LELAP-02003	Lubbock
4	NELAP	T104704219-16-12	Lubbock
5	NELAP	T104704392-14-8	Midland
6		2015-066	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 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

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

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

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

email: lab@traceanalysis.com

Company Name: TRC Solutions Phone #: (432) 520-7720
Address: (Street, City, Zip) 2057 Commerce Dr Midland TX 79703
Contact Person: Curt Stanley E-mail:
Invoice to: (if different from above) Plains
Project #: TNM-SPS-11 Project Name: SPS-11
Project Location (including state): Sampler Signature:

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX	PRESERVATIVE METHOD	SAMPLING DATE	TIME	Turn Around Time if different from standard
418901	MW 18	3	V0A	X	X	5/10/16	1649	
902	MW 33						1716	
903	MW 34						1742	
904	MW 36					5/11/16	1041	
905	MW 37						1106	
906	MW 38						1122	
907	MW 39						1143	
908	MW 40						1202	
909	MW 6						1234	
910	MW 12						1252	
911	MW 15						1314	

MTBE 8021 / 602 / 8260 / 624	
BTEX 6021 / 602 / 8260 / 624	
TPH 418.1 / TX1005 / TX1005 Ext(C35)	
TPH 8015 GRO / DRO / TVHC	
PAH 8270 / 625	
Total Metals Ag As Ba Cd Cr Pb Se Hg 6010/200.7	
TCLP Metals Ag As Ba Cd Cr Pb Se Hg	
TCLP Volatiles	
TCLP Semi Volatiles	
TCLP Pesticides	
RCI	
GC/MS Vol. 8260 / 624	
GC/MS Semi. Vol. 8270 / 625	
PCBs 8082 / 608	
Pesticides 8081 / 608	
BOD, TSS, pH	
Moisture Content	
Cl, F, SO ₄ , NO ₃ -N, NO ₂ -N, PO ₄ -P, Alkalinity	
Na, Ca, Mg, K, TDS, EC	

REMARKS:

LAB USE ONLY

Relinquished by: [Signature] Company: TRC Date: 5/12/16 Time: 0855
Relinquished by: [Signature] Company: TA Date: 5/12/16 Time: 8:55
Relinquished by: [Signature] Company: [Signature] Date: [Signature] Time: [Signature]

INST 12-1 OBS 4.2°C COR 5.8°C
INST OBS COR
INST OBS COR

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.

Carrier # carry - w

ORIGINAL COPY



TRACEANALYSIS, INC.

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

Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

Curt Stanley
TRC Solutions
2057 Commerce
Midland, Tx, 79703

Report Date: June 8, 2016

Work Order: 16060302



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
420611	MW 24	water	2016-06-02	17:20	2016-06-03

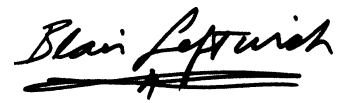
These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

TraceAnalysis, Inc. uses the attached chain of custody (COC) as the laboratory check-in documentation which includes sample receipt, temperature, sample preservation method and condition, collection date and time, testing requested, company, sampler, contacts and any special remarks.

This report consists of a total of 12 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Notes:

For inorganic analyses, the term MQL should actually read PQL.

A handwritten signature in black ink, reading "Blair Leftwich". The signature is written in a cursive style with a prominent flourish at the end of the last name.

Dr. Blair Leftwich, Director
James Taylor, Assistant Director
Johnny Grindstaff, Operations Manager

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Case Narrative

Samples for project SPS-11 were received by TraceAnalysis, Inc. on 2016-06-03 and assigned to work order 16060302. Samples for work order 16060302 were received intact at a temperature of 3.4 C.

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

Test	Method	Prep Batch	Prep Date	QC Batch	Analysis Date
BTEX	S 8021B	110612	2016-06-06 at 11:31	130604	2016-06-08 at 08:07

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 16060302 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: 420611 - MW 24

Laboratory: Midland

Analysis: BTEX

QC Batch: 130604

Prep Batch: 110612

Analytical Method: S 8021B

Date Analyzed: 2016-06-08

Sample Preparation: 2016-06-06

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene	Qr,U	5	<0.000504	<0.00100	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	Qr	5	0.00530	0.00530	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	Qr	5	0.00200	0.00200	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	Qr	5	0.0111	0.0111	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	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)			0.0743	mg/L	1	0.100	74	70 - 130

Method Blanks

Method Blank (1)

QC Batch:	130604	Date Analyzed:	2016-06-08	Analyzed By:	AK
Prep Batch:	110612	QC Preparation:	2016-06-06	Prepared By:	AK

Parameter	F	C	Result	Units	Reporting Limits
Benzene		5	<0.000504	mg/L	0.000504
Toluene		5	<0.000621	mg/L	0.000621
Ethylbenzene		5	<0.000763	mg/L	0.000763
Xylene		5	<0.000256	mg/L	0.000256

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0929	mg/L	1	0.100	93	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0696	mg/L	1	0.100	70	70 - 130

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 130604
Prep Batch: 110612

Date Analyzed: 2016-06-08
QC Preparation: 2016-06-06

Analyzed By: AK
Prepared By: AK

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		5	0.0995	mg/L	1	0.100	<0.000504	100	70 - 130
Toluene		5	0.102	mg/L	1	0.100	<0.000621	102	70 - 130
Ethylbenzene		5	0.102	mg/L	1	0.100	<0.000763	102	70 - 130
Xylene		5	0.305	mg/L	1	0.300	<0.000256	102	70 - 130

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

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		5	0.0989	mg/L	1	0.100	<0.000504	99	70 - 130	1	20
Toluene		5	0.101	mg/L	1	0.100	<0.000621	101	70 - 130	1	20
Ethylbenzene		5	0.102	mg/L	1	0.100	<0.000763	102	70 - 130	0	20
Xylene		5	0.303	mg/L	1	0.300	<0.000256	101	70 - 130	1	20

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

Surrogate	F	C	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)			0.0936	0.0930	mg/L	1	0.100	94	93	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0970	0.0967	mg/L	1	0.100	97	97	70 - 130

Matrix Spikes

Matrix Spike (MS-1) Spiked Sample: 420611

QC Batch: 130604
Prep Batch: 110612

Date Analyzed: 2016-06-08
QC Preparation: 2016-06-06

Analyzed By: AK
Prepared By: AK

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		5	0.0723	mg/L	1	0.100	<0.000504	72	70 - 130
Toluene		5	0.0776	mg/L	1	0.100	0.0053	72	70 - 130
Ethylbenzene		5	0.0723	mg/L	1	0.100	0.002	70	70 - 130
Xylene	Qs	5	0.219	mg/L	1	0.300	0.0111	69	70 - 130

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

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	Qr	5	0.102	mg/L	1	0.100	<0.000504	102	70 - 130	34	20
Toluene	Qr	5	0.106	mg/L	1	0.100	0.0053	101	70 - 130	31	20
Ethylbenzene	Qr	5	0.104	mg/L	1	0.100	0.002	102	70 - 130	36	20
Xylene	Qr	5	0.314	mg/L	1	0.300	0.0111	101	70 - 130	36	20

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

Surrogate	F	C	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)			0.0948	0.0942	mg/L	1	0.1	95	94	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0932	0.0963	mg/L	1	0.1	93	96	70 - 130

Calibration Standards

Standard (CCV-1)

QC Batch: 130604

Date Analyzed: 2016-06-08

Analyzed By: AK

Param	F	C	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		5	mg/L	0.100	0.101	101	80 - 120	2016-06-08
Toluene		5	mg/L	0.100	0.103	103	80 - 120	2016-06-08
Ethylbenzene		5	mg/L	0.100	0.103	103	80 - 120	2016-06-08
Xylene		5	mg/L	0.300	0.302	101	80 - 120	2016-06-08

Standard (CCV-2)

QC Batch: 130604

Date Analyzed: 2016-06-08

Analyzed By: AK

Param	F	C	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		5	mg/L	0.100	0.0993	99	80 - 120	2016-06-08
Toluene		5	mg/L	0.100	0.102	102	80 - 120	2016-06-08
Ethylbenzene		5	mg/L	0.100	0.100	100	80 - 120	2016-06-08
Xylene		5	mg/L	0.300	0.300	100	80 - 120	2016-06-08

Limits of Detection (LOD)

Test	Method	Matrix	Instrument	Analyte	Spike Amount	Pass
BTEX	S 8021B	water	BTEX-2	Benzene	0.000768	Pass
BTEX	S 8021B	water	BTEX-2	Toluene	0.000768	Pass
BTEX	S 8021B	water	BTEX-2	Ethylbenzene	0.000768	Pass
BTEX	S 8021B	water	BTEX-2	Xylene	0.000768	Pass

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	L-A-B	L2418	Lubbock
2	Kansas	Kansas E-10317	Lubbock
3	LELAP	LELAP-02003	Lubbock
4	NELAP	T104704219-16-12	Lubbock
5	NELAP	T104704392-14-8	Midland
6		2015-066	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 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

The scanned attachments will follow this page.

Please note, each attachment may consist of more than one page.

TraceAnalysis, Inc.

email: lab@traceanalysis.com

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

5002 Basin Street, Suite A1
Midland, Texas 79703
Tel (432) 689-6301
Fax (432) 689-6313

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

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

Company Name:

TRC Solution,

Phone #:

Address: (Street, City, Zip)

(Street, City, Zip)

Fax #:

Contact Person:

Cult Stanley

E-mail:

Invoice to:

Invoice to:
(If different from above)

Project #:

Project Name:

Project Location (including state):

Sampler Signature:

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX	PRESERVATIVE METHOD						SAMPLING	
					WATER	SOIL	AIR	SLUDGE	HCl	HNO ₃	H ₂ SO ₄	NaOH

120611	mw 24	3	U0AX	X	X	6-2-16	1720
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ANALYSIS REQUEST

(Circle or Specify Method No.)

[illegible]

REMARKS:

LAB USE ONLY

Infect Y / N

Headspace Y / N / NA

1997

- ☐ 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

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TRACEANALYSIS, INC.

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

Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

Curt Stanley
TRC Solutions
2057 Commerce
Midland, Tx, 79703

Report Date: August 23, 2016

Work Order: 16081002



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
426120	MW 33	water	2016-08-08	15:31	2016-08-10
426121	MW 34	water	2016-08-08	15:49	2016-08-10
426122	MW 36	water	2016-08-08	16:11	2016-08-10
426123	MW 37	water	2016-08-09	12:02	2016-08-10
426124	MW 38	water	2016-08-09	12:18	2016-08-10
426125	MW 39	water	2016-08-09	12:41	2016-08-10
426126	MW 40	water	2016-08-09	13:06	2016-08-10
426127	MW 6	water	2016-08-09	13:43	2016-08-10
426128	MW 24	water	2016-08-09	14:14	2016-08-10
426129	MW 12	water	2016-08-09	14:31	2016-08-10
426130	MW 15	water	2016-08-09	14:53	2016-08-10
426131	MW 10	water	2016-08-09	15:23	2016-08-10
426132	MW 35	water	2016-08-09	15:42	2016-08-10
426133	MW 17	water	2016-08-09	15:56	2016-08-10
426134	MW 9	water	2016-08-09	16:30	2016-08-10
426135	MW 29	water	2016-08-09	16:51	2016-08-10
426136	MW 16	water	2016-08-09	17:03	2016-08-10
426137	MW 28	water	2016-08-09	17:17	2016-08-10
426138	MW 26	water	2016-08-09	17:25	2016-08-10
426139	MW 32	water	2016-08-09	17:39	2016-08-10
426140	MW 14	water	2016-08-09	17:57	2016-08-10

Notes

- **Work Order 16081002:** received on ice

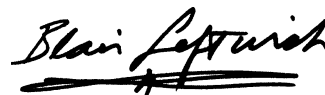
These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

TraceAnalysis, Inc. uses the attached chain of custody (COC) as the laboratory check-in documentation which includes sample receipt, temperature, sample preservation method and condition, collection date and time, testing requested, company, sampler, contacts and any special remarks.

This report consists of a total of 34 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Notes:

For inorganic analyses, the term MQL should actually read PQL.



Dr. Blair Leftwich, Director
James Taylor, Assistant Director
Johnny Grindstaff, Operations Manager

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Case Narrative

Samples for project SPS-11 were received by TraceAnalysis, Inc. on 2016-08-10 and assigned to work order 16081002. Samples for work order 16081002 were received intact at a temperature of 10.7 C.

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

Test	Method	Prep Batch	Prep Date	QC Batch	Analysis Date
BTEX	S 8021B	111946	2016-08-12 at 16:04	132099	2016-08-12 at 16:04
BTEX	S 8021B	111999	2016-08-16 at 14:00	132158	2016-08-16 at 14:00
BTEX	S 8021B	112060	2016-08-19 at 13:05	132221	2016-08-19 at 13:00
BTEX	S 8021B	112073	2016-08-20 at 11:17	132240	2016-08-20 at 11:17
BTEX	S 8021B	112097	2016-08-22 at 17:18	132263	2016-08-22 at 17:18

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 16081002 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: 426120 - MW 33

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 132240

Prep Batch: 112073

Analytical Method: S 8021B

Date Analyzed: 2016-08-20

Sample Preparation: 2016-08-20

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene	U	1,2,3,4	<0.000223	<0.00100	<0.000223	mg/L	1	0.000223	0.001	0.000223
Toluene	U	1,2,3,4	<0.000238	<0.00100	<0.000238	mg/L	1	0.000238	0.001	0.000238
Ethylbenzene	U	1,2,3,4	<0.000238	<0.00100	<0.000238	mg/L	1	0.000238	0.001	0.000238
Xylene	U	1,2,3,4	<0.000243	<0.00100	<0.000243	mg/L	1	0.000243	0.001	0.000243

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.0975	mg/L	1	0.100	98	71.6 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0960	mg/L	1	0.100	96	70 - 120

Sample: 426121 - MW 34

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 132221

Prep Batch: 112060

Analytical Method: S 8021B

Date Analyzed: 2016-08-19

Sample Preparation:

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene	U	1,2,3,4	<0.000480	<0.00100	<0.000480	mg/L	1	0.000480	0.001	0.00048
Toluene	U	1,2,3,4	<0.000512	<0.00100	<0.000512	mg/L	1	0.000512	0.001	0.000512
Ethylbenzene	U	1,2,3,4	<0.000616	<0.00100	<0.000616	mg/L	1	0.000616	0.001	0.000616
Xylene	U	1,2,3,4	<0.000358	<0.00100	<0.000358	mg/L	1	0.000358	0.001	0.000358

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.0774	mg/L	1	0.100	77	66.3 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0774	mg/L	1	0.100	77	67.5 - 120

Sample: 426122 - MW 36

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 132221
Prep Batch: 112060

Analytical Method: S 8021B
Date Analyzed: 2016-08-19
Sample Preparation:

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

Parameter	F	C	SDL Based Result	MQL Based Result	Method Blank Result	Units	Dilution	SDL	MQL (Unadjusted)	MDL (Unadjusted)
Benzene	U	1,2,3,4	<0.000480	<0.00100	<0.000480	mg/L	1	0.000480	0.001	0.00048
Toluene	U	1,2,3,4	<0.000512	<0.00100	<0.000512	mg/L	1	0.000512	0.001	0.000512
Ethylbenzene	U	1,2,3,4	<0.000616	<0.00100	<0.000616	mg/L	1	0.000616	0.001	0.000616
Xylene	U	1,2,3,4	<0.000358	<0.00100	<0.000358	mg/L	1	0.000358	0.001	0.000358

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.0790	mg/L	1	0.100	79	66.3 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0780	mg/L	1	0.100	78	67.5 - 120

Sample: 426123 - MW 37

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 132221
Prep Batch: 112060

Analytical Method: S 8021B
Date Analyzed: 2016-08-19
Sample Preparation:

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

Parameter	F	C	SDL Based Result	MQL Based Result	Method Blank Result	Units	Dilution	SDL	MQL (Unadjusted)	MDL (Unadjusted)
Benzene	U	1,2,3,4	<0.000480	<0.00100	<0.000480	mg/L	1	0.000480	0.001	0.00048
Toluene	U	1,2,3,4	<0.000512	<0.00100	<0.000512	mg/L	1	0.000512	0.001	0.000512
Ethylbenzene	U	1,2,3,4	<0.000616	<0.00100	<0.000616	mg/L	1	0.000616	0.001	0.000616
Xylene	U	1,2,3,4	<0.000358	<0.00100	<0.000358	mg/L	1	0.000358	0.001	0.000358

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.0765	mg/L	1	0.100	76	66.3 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0780	mg/L	1	0.100	78	67.5 - 120

Sample: 426124 - MW 38

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 132221

Analytical Method: S 8021B
Date Analyzed: 2016-08-19

Prep Method: S 5030B
Analyzed By: MT

Report Date: August 23, 2016
TNM-SPS-11

Work Order: 16081002
SPS-11

Page Number: 8 of 34

Prep Batch: 112060

Sample Preparation:

Prepared By: MT

Parameter	F	C	SDL Based Result	MQL Based Result	Method Blank Result	Units	Dilution	SDL	MQL (Unadjusted)	MDL (Unadjusted)
Benzene	U	1,2,3,4	<0.000480	<0.00100	<0.000480	mg/L	1	0.000480	0.001	0.00048
Toluene	U	1,2,3,4	<0.000512	<0.00100	<0.000512	mg/L	1	0.000512	0.001	0.000512
Ethylbenzene	U	1,2,3,4	<0.000616	<0.00100	<0.000616	mg/L	1	0.000616	0.001	0.000616
Xylene	U	1,2,3,4	<0.000358	<0.00100	<0.000358	mg/L	1	0.000358	0.001	0.000358

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.0815	mg/L	1	0.100	82	66.3 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0811	mg/L	1	0.100	81	67.5 - 120

Sample: 426125 - MW 39

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 132221

Prep Batch: 112060

Analytical Method: S 8021B

Date Analyzed: 2016-08-19

Sample Preparation:

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

Parameter	F	C	SDL Based Result	MQL Based Result	Method Blank Result	Units	Dilution	SDL	MQL (Unadjusted)	MDL (Unadjusted)
Benzene	U	1,2,3,4	<0.000480	<0.00100	<0.000480	mg/L	1	0.000480	0.001	0.00048
Toluene	U	1,2,3,4	<0.000512	<0.00100	<0.000512	mg/L	1	0.000512	0.001	0.000512
Ethylbenzene	U	1,2,3,4	<0.000616	<0.00100	<0.000616	mg/L	1	0.000616	0.001	0.000616
Xylene	U	1,2,3,4	<0.000358	<0.00100	<0.000358	mg/L	1	0.000358	0.001	0.000358

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.0836	mg/L	1	0.100	84	66.3 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0833	mg/L	1	0.100	83	67.5 - 120

Sample: 426126 - MW 40

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 132221

Prep Batch: 112060

Analytical Method: S 8021B

Date Analyzed: 2016-08-19

Sample Preparation:

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

Parameter	F	C	SDL Based Result	MQL Based Result	Method Blank Result	Units	Dilution	SDL	MQL (Unadjusted)	MDL (Unadjusted)
Benzene	U	1,2,3,4	<0.000480	<0.00100	<0.000480	mg/L	1	0.000480	0.001	0.00048
Toluene	U	1,2,3,4	<0.000512	<0.00100	<0.000512	mg/L	1	0.000512	0.001	0.000512
Ethylbenzene	U	1,2,3,4	<0.000616	<0.00100	<0.000616	mg/L	1	0.000616	0.001	0.000616
Xylene	U	1,2,3,4	<0.000358	<0.00100	<0.000358	mg/L	1	0.000358	0.001	0.000358

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.0821	mg/L	1	0.100	82	66.3 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0814	mg/L	1	0.100	81	67.5 - 120

Sample: 426127 - MW 6

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 132221
Prep Batch: 112060

Analytical Method: S 8021B
Date Analyzed: 2016-08-19
Sample Preparation:

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

Parameter	F	C	SDL Based Result	MQL Based Result	Method Blank Result	Units	Dilution	SDL	MQL (Unadjusted)	MDL (Unadjusted)
Benzene	U	1,2,3,4	<0.000480	<0.00100	<0.000480	mg/L	1	0.000480	0.001	0.00048
Toluene	U	1,2,3,4	<0.000512	<0.00100	<0.000512	mg/L	1	0.000512	0.001	0.000512
Ethylbenzene	U	1,2,3,4	<0.000616	<0.00100	<0.000616	mg/L	1	0.000616	0.001	0.000616
Xylene	U	1,2,3,4	<0.000358	<0.00100	<0.000358	mg/L	1	0.000358	0.001	0.000358

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.0782	mg/L	1	0.100	78	66.3 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0784	mg/L	1	0.100	78	67.5 - 120

Sample: 426128 - MW 24

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 132221
Prep Batch: 112060

Analytical Method: S 8021B
Date Analyzed: 2016-08-19
Sample Preparation:

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

Parameter	F	C	SDL Based Result	MQL Based Result	Method Blank Result	Units	Dilution	SDL	MQL (Unadjusted)	MDL (Unadjusted)
Benzene		1,2,3,4	0.00100	0.00100	<0.000480	mg/L	1	0.000480	0.001	0.00048

continued ...

sample 426128 continued ...

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Toluene	U	1,2,3,4	<0.000512	<0.00100	<0.000512	mg/L	1	0.000512	0.001	0.000512
Ethylbenzene	J	1,2,3,4	0.000800	<0.00100	<0.000616	mg/L	1	0.000616	0.001	0.000616
Xylene	J	1,2,3,4	0.000400	<0.00100	<0.000358	mg/L	1	0.000358	0.001	0.000358

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.0787	mg/L	1	0.100	79	66.3 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0776	mg/L	1	0.100	78	67.5 - 120

Sample: 426129 - MW 12

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 132221
Prep Batch: 112060

Analytical Method: S 8021B
Date Analyzed: 2016-08-19
Sample Preparation:

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

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene	U	1,2,3,4	<0.000480	<0.00100	<0.000480	mg/L	1	0.000480	0.001	0.00048
Toluene	U	1,2,3,4	<0.000512	<0.00100	<0.000512	mg/L	1	0.000512	0.001	0.000512
Ethylbenzene	U	1,2,3,4	<0.000616	<0.00100	<0.000616	mg/L	1	0.000616	0.001	0.000616
Xylene	U	1,2,3,4	<0.000358	<0.00100	<0.000358	mg/L	1	0.000358	0.001	0.000358

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.0785	mg/L	1	0.100	78	66.3 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0768	mg/L	1	0.100	77	67.5 - 120

Sample: 426130 - MW 15

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 132221
Prep Batch: 112060

Analytical Method: S 8021B
Date Analyzed: 2016-08-19
Sample Preparation:

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

continued ...

sample 426130 continued ...

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene	U	1,2,3,4	<0.000480	<0.00100	<0.000480	mg/L	1	0.000480	0.001	0.00048
Toluene	U	1,2,3,4	<0.000512	<0.00100	<0.000512	mg/L	1	0.000512	0.001	0.000512
Ethylbenzene	U	1,2,3,4	<0.000616	<0.00100	<0.000616	mg/L	1	0.000616	0.001	0.000616
Xylene	U	1,2,3,4	<0.000358	<0.00100	<0.000358	mg/L	1	0.000358	0.001	0.000358

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.0748	mg/L	1	0.100	75	66.3 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0759	mg/L	1	0.100	76	67.5 - 120

Sample: 426131 - MW 10

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 132240
Prep Batch: 112073

Analytical Method: S 8021B
Date Analyzed: 2016-08-20
Sample Preparation: 2016-08-20

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

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene		1,2,3,4	0.00110	0.00110	<0.000223	mg/L	1	0.000223	0.001	0.000223
Toluene	U	1,2,3,4	<0.000238	<0.00100	<0.000238	mg/L	1	0.000238	0.001	0.000238
Ethylbenzene		1,2,3,4	0.0434	0.0434	<0.000238	mg/L	1	0.000238	0.001	0.000238
Xylene	U	1,2,3,4	<0.000243	<0.00100	<0.000243	mg/L	1	0.000243	0.001	0.000243

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.0978	mg/L	1	0.100	98	71.6 - 120
4-Bromofluorobenzene (4-BFB)		4	0.129	mg/L	1	0.100	129	70 - 120

Sample: 426132 - MW 35

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 132221
Prep Batch: 112060

Analytical Method: S 8021B
Date Analyzed: 2016-08-19
Sample Preparation:

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

Parameter	F	C	SDL Based Result	MQL Based Result	Method Blank Result	Units	Dilution	SDL	MQL (Unadjusted)	MDL (Unadjusted)
Benzene	J	1,2,3,4	0.000900	<0.00100	<0.000480	mg/L	1	0.000480	0.001	0.00048
Toluene	U	1,2,3,4	<0.000512	<0.00100	<0.000512	mg/L	1	0.000512	0.001	0.000512
Ethylbenzene		1,2,3,4	0.00110	0.00110	<0.000616	mg/L	1	0.000616	0.001	0.000616
Xylene		1,2,3,4	0.00390	0.00390	<0.000358	mg/L	1	0.000358	0.001	0.000358

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.0756	mg/L	1	0.100	76	66.3 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0725	mg/L	1	0.100	72	67.5 - 120

Sample: 426133 - MW 17

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 132221
Prep Batch: 112060

Analytical Method: S 8021B
Date Analyzed: 2016-08-19
Sample Preparation:

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

Parameter	F	C	SDL Based Result	MQL Based Result	Method Blank Result	Units	Dilution	SDL	MQL (Unadjusted)	MDL (Unadjusted)
Benzene		1,2,3,4	0.00450	0.00450	<0.000480	mg/L	1	0.000480	0.001	0.00048
Toluene		1,2,3,4	0.00100	0.00100	<0.000512	mg/L	1	0.000512	0.001	0.000512
Ethylbenzene	U	1,2,3,4	<0.000616	<0.00100	<0.000616	mg/L	1	0.000616	0.001	0.000616
Xylene		1,2,3,4	0.00250	0.00250	<0.000358	mg/L	1	0.000358	0.001	0.000358

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.0788	mg/L	1	0.100	79	66.3 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0775	mg/L	1	0.100	78	67.5 - 120

Sample: 426134 - MW 9

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 132221
Prep Batch: 112060

Analytical Method: S 8021B
Date Analyzed: 2016-08-19
Sample Preparation:

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

Parameter	F	C	SDL Based Result	MQL Based Result	Method Blank Result	Units	Dilution	SDL	MQL (Unadjusted)	MDL (Unadjusted)
Benzene		1,2,3,4	0.112	0.112	<0.000480	mg/L	1	0.000480	0.001	0.00048

continued ...

sample 426134 continued ...

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Toluene	U	1,2,3,4	<0.000512	<0.00100	<0.000512	mg/L	1	0.000512	0.001	0.000512
Ethylbenzene		1,2,3,4	0.0207	0.0207	<0.000616	mg/L	1	0.000616	0.001	0.000616
Xylene		1,2,3,4	0.00870	0.00870	<0.000358	mg/L	1	0.000358	0.001	0.000358

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.0802	mg/L	1	0.100	80	66.3 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0763	mg/L	1	0.100	76	67.5 - 120

Sample: 426135 - MW 29

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 132263
Prep Batch: 112097

Analytical Method: S 8021B
Date Analyzed: 2016-08-22
Sample Preparation: 2016-08-22

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

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene		1,2,3,4	0.00240	0.00240	<0.000223	mg/L	1	0.000223	0.001	0.000223
Toluene	U	1,2,3,4	<0.000238	<0.00100	<0.000238	mg/L	1	0.000238	0.001	0.000238
Ethylbenzene		1,2,3,4	0.00100	0.00100	<0.000238	mg/L	1	0.000238	0.001	0.000238
Xylene	U	1,2,3,4	<0.000243	<0.00100	<0.000243	mg/L	1	0.000243	0.001	0.000243

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.0982	mg/L	1	0.100	98	71.6 - 120
4-Bromofluorobenzene (4-BFB)	Q _{ST}	4	0.126	mg/L	1	0.100	126	70 - 120

Sample: 426136 - MW 16

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 132240
Prep Batch: 112073

Analytical Method: S 8021B
Date Analyzed: 2016-08-20
Sample Preparation: 2016-08-20

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

continued ...

sample 426136 continued ...

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene		1,2,3,4	0.00190	0.00190	<0.000223	mg/L	1	0.000223	0.001	0.000223
Toluene		1,2,3,4	0.00280	0.00280	<0.000238	mg/L	1	0.000238	0.001	0.000238
Ethylbenzene		1,2,3,4	0.00120	0.00120	<0.000238	mg/L	1	0.000238	0.001	0.000238
Xylene		1,2,3,4	0.00120	0.00120	<0.000243	mg/L	1	0.000243	0.001	0.000243

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.0964	mg/L	1	0.100	96	71.6 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0964	mg/L	1	0.100	96	70 - 120

Sample: 426137 - MW 28

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 132221
Prep Batch: 112060

Analytical Method: S 8021B
Date Analyzed: 2016-08-19
Sample Preparation:

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

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene		1,2,3,4	0.0313	0.0313	<0.000480	mg/L	1	0.000480	0.001	0.00048
Toluene	U	1,2,3,4	<0.000512	<0.00100	<0.000512	mg/L	1	0.000512	0.001	0.000512
Ethylbenzene		1,2,3,4	0.0108	0.0108	<0.000616	mg/L	1	0.000616	0.001	0.000616
Xylene		1,2,3,4	0.00140	0.00140	<0.000358	mg/L	1	0.000358	0.001	0.000358

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.0799	mg/L	1	0.100	80	66.3 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0783	mg/L	1	0.100	78	67.5 - 120

Sample: 426138 - MW 26

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 132099
Prep Batch: 111946

Analytical Method: S 8021B
Date Analyzed: 2016-08-12
Sample Preparation: 2016-08-12

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

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene		1,2,3,4	0.240	0.240	<0.000223	mg/L	1	0.000223	0.001	0.000223
Toluene		1,2,3,4	0.00330	0.00330	<0.000238	mg/L	1	0.000238	0.001	0.000238
Ethylbenzene		1,2,3,4	0.0893	0.0893	<0.000238	mg/L	1	0.000238	0.001	0.000238
Xylene		1,2,3,4	0.0340	0.0340	<0.000243	mg/L	1	0.000243	0.001	0.000243

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.0855	mg/L	1	0.100	86	71.6 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0961	mg/L	1	0.100	96	70 - 120

Sample: 426139 - MW 32

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 132099
Prep Batch: 111946

Analytical Method: S 8021B
Date Analyzed: 2016-08-12
Sample Preparation: 2016-08-12

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

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene		1,2,3,4	0.302	0.302	<0.000223	mg/L	1	0.000223	0.001	0.000223
Toluene		1,2,3,4	0.00140	0.00140	<0.000238	mg/L	1	0.000238	0.001	0.000238
Ethylbenzene		1,2,3,4	0.0157	0.0157	<0.000238	mg/L	1	0.000238	0.001	0.000238
Xylene		1,2,3,4	0.00630	0.00630	<0.000243	mg/L	1	0.000243	0.001	0.000243

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.0849	mg/L	1	0.100	85	71.6 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0986	mg/L	1	0.100	99	70 - 120

Sample: 426140 - MW 14

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 132158
Prep Batch: 111999

Analytical Method: S 8021B
Date Analyzed: 2016-08-16
Sample Preparation: 2016-08-16

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

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene		1,2,3,4	1.23	1.23	<0.00223	mg/L	10	0.00223	0.001	0.000223

continued ...

sample 426140 continued ...

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Toluene	U	1,2,3,4	<0.00238	<0.0100	<0.00238	mg/L	10	0.00238	0.001	0.000238
Ethylbenzene		1,2,3,4	0.0528	0.0528	<0.00238	mg/L	10	0.00238	0.001	0.000238
Xylene	U	1,2,3,4	<0.00243	<0.0100	<0.00243	mg/L	10	0.00243	0.001	0.000243

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.917	mg/L	10	1.00	92	71.6 - 120
4-Bromofluorobenzene (4-BFB)		4	0.906	mg/L	10	1.00	91	70 - 120

Method Blanks

Method Blank (1)

QC Batch: 132099
Prep Batch: 111946

Date Analyzed: 2016-08-12
QC Preparation: 2016-08-12

Analyzed By: MT
Prepared By: MT

Parameter	F	C	Result	Units	Reporting Limits
Benzene		1,2,3,4	<0.000223	mg/L	0.000223
Toluene		1,2,3,4	<0.000238	mg/L	0.000238
Ethylbenzene		1,2,3,4	<0.000238	mg/L	0.000238
Xylene		1,2,3,4	<0.000243	mg/L	0.000243

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.0898	mg/L	1	0.100	90	71.6 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0882	mg/L	1	0.100	88	70 - 120

Method Blank (1)

QC Batch: 132158
Prep Batch: 111999

Date Analyzed: 2016-08-16
QC Preparation: 2016-08-16

Analyzed By: MT
Prepared By: MT

Parameter	F	C	Result	Units	Reporting Limits
Benzene		1,2,3,4	<0.000223	mg/L	0.000223
Toluene		1,2,3,4	<0.000238	mg/L	0.000238
Ethylbenzene		1,2,3,4	<0.000238	mg/L	0.000238
Xylene		1,2,3,4	<0.000243	mg/L	0.000243

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.0901	mg/L	1	0.100	90	71.6 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0872	mg/L	1	0.100	87	70 - 120

Method Blank (1)

QC Batch: 132221
Prep Batch: 112060

Date Analyzed: 2016-08-19
QC Preparation: 2016-08-19

Analyzed By: MT
Prepared By: MT

Parameter	F	C	Result	Units	Reporting Limits
Benzene		1,2,3,4	<0.000480	mg/L	0.00048
Toluene		1,2,3,4	<0.000512	mg/L	0.000512
Ethylbenzene		1,2,3,4	<0.000616	mg/L	0.000616
Xylene		1,2,3,4	<0.000358	mg/L	0.000358

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.0824	mg/L	1	0.100	82	66.3 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0816	mg/L	1	0.100	82	67.5 - 120

Method Blank (1)

QC Batch: 132240
Prep Batch: 112073

Date Analyzed: 2016-08-20
QC Preparation: 2016-08-20

Analyzed By: MT
Prepared By: MT

Parameter	F	C	Result	Units	Reporting Limits
Benzene		1,2,3,4	<0.000223	mg/L	0.000223
Toluene		1,2,3,4	<0.000238	mg/L	0.000238
Ethylbenzene		1,2,3,4	<0.000238	mg/L	0.000238
Xylene		1,2,3,4	<0.000243	mg/L	0.000243

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.104	mg/L	1	0.100	104	71.6 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0994	mg/L	1	0.100	99	70 - 120

Method Blank (1)

QC Batch: 132263
Prep Batch: 112097

Date Analyzed: 2016-08-22
QC Preparation: 2016-08-22

Analyzed By: MT
Prepared By: MT

Parameter	F	C	Result	Units	Reporting Limits
Benzene		1,2,3,4	<0.000223	mg/L	0.000223
Toluene		1,2,3,4	<0.000238	mg/L	0.000238
Ethylbenzene		1,2,3,4	<0.000238	mg/L	0.000238
Xylene		1,2,3,4	<0.000243	mg/L	0.000243

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.106	mg/L	1	0.100	106	71.6 - 120

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method blank continued ...

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
4-Bromofluorobenzene (4-BFB)		4	0.100	mg/L	1	0.100	100	70 - 120

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 132099
Prep Batch: 111946

Date Analyzed: 2016-08-12
QC Preparation: 2016-08-12

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	0.0891	mg/L	1	0.100	<0.000223	89	78.9 - 120
Toluene		1,2,3,4	0.0851	mg/L	1	0.100	<0.000238	85	79.8 - 120
Ethylbenzene		1,2,3,4	0.0941	mg/L	1	0.100	<0.000238	94	79.7 - 120
Xylene		1,2,3,4	0.284	mg/L	1	0.300	<0.000243	95	78.2 - 120

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		1,2,3,4	0.0893	mg/L	1	0.100	<0.000223	89	78.9 - 120	0	20
Toluene		1,2,3,4	0.0853	mg/L	1	0.100	<0.000238	85	79.8 - 120	0	20
Ethylbenzene		1,2,3,4	0.0940	mg/L	1	0.100	<0.000238	94	79.7 - 120	0	20
Xylene		1,2,3,4	0.283	mg/L	1	0.300	<0.000243	94	78.2 - 120	0	20

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

Surrogate	F	C	LCS Result	LCS Result	Units	Dil.	Spike Amount	LCS Rec.	LCS Rec.	Rec. Limit
Trifluorotoluene (TFT)		4	0.0913	0.0911	mg/L	1	0.100	91	91	71.6 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0936	0.0920	mg/L	1	0.100	94	92	70 - 120

Laboratory Control Spike (LCS-1)

QC Batch: 132158
Prep Batch: 111999

Date Analyzed: 2016-08-16
QC Preparation: 2016-08-16

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	0.0867	mg/L	1	0.100	<0.000223	87	78.9 - 120
Toluene		1,2,3,4	0.0822	mg/L	1	0.100	<0.000238	82	79.8 - 120
Ethylbenzene		1,2,3,4	0.0893	mg/L	1	0.100	<0.000238	89	79.7 - 120
Xylene		1,2,3,4	0.268	mg/L	1	0.300	<0.000243	89	78.2 - 120

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

continued ...

control spikes continued ...

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1,2,3,4	0.0875	mg/L	1	0.100	<0.000223	88	78.9 - 120	1	20
Toluene		1,2,3,4	0.0835	mg/L	1	0.100	<0.000238	84	79.8 - 120	2	20
Ethylbenzene		1,2,3,4	0.0925	mg/L	1	0.100	<0.000238	92	79.7 - 120	4	20
Xylene		1,2,3,4	0.278	mg/L	1	0.300	<0.000243	93	78.2 - 120	4	20

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

Surrogate	F	C	LCS Result	LCS Result	Units	Dil.	Spike Amount	LCS Rec.	LCS Rec.	Rec. Limit
Trifluorotoluene (TFT)		4	0.0910	0.0899	mg/L	1	0.100	91	90	71.6 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0895	0.0904	mg/L	1	0.100	90	90	70 - 120

Laboratory Control Spike (LCS-1)

QC Batch: 132221
Prep Batch: 112060

Date Analyzed: 2016-08-19
QC Preparation: 2016-08-19

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	0.0892	mg/L	1	0.100	<0.000480	89	74.5 - 120
Toluene		1,2,3,4	0.0863	mg/L	1	0.100	<0.000512	86	74.3 - 120
Ethylbenzene		1,2,3,4	0.0843	mg/L	1	0.100	<0.000616	84	73.6 - 120
Xylene		1,2,3,4	0.253	mg/L	1	0.300	<0.000358	84	73.4 - 120

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		1,2,3,4	0.0898	mg/L	1	0.100	<0.000480	90	74.5 - 120	1	20
Toluene		1,2,3,4	0.0865	mg/L	1	0.100	<0.000512	86	74.3 - 120	0	20
Ethylbenzene		1,2,3,4	0.0842	mg/L	1	0.100	<0.000616	84	73.6 - 120	0	20
Xylene		1,2,3,4	0.253	mg/L	1	0.300	<0.000358	84	73.4 - 120	0	20

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

Surrogate	F	C	LCS Result	LCS Result	Units	Dil.	Spike Amount	LCS Rec.	LCS Rec.	Rec. Limit
Trifluorotoluene (TFT)		4	0.0829	0.0844	mg/L	1	0.100	83	84	66.3 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0830	0.0836	mg/L	1	0.100	83	84	67.5 - 120

Laboratory Control Spike (LCS-1)

QC Batch: 132240
Prep Batch: 112073

Date Analyzed: 2016-08-20
QC Preparation: 2016-08-20

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	0.0995	mg/L	1	0.100	<0.000223	100	78.9 - 120
Toluene		1,2,3,4	0.0945	mg/L	1	0.100	<0.000238	94	79.8 - 120
Ethylbenzene		1,2,3,4	0.104	mg/L	1	0.100	<0.000238	104	79.7 - 120
Xylene		1,2,3,4	0.316	mg/L	1	0.300	<0.000243	105	78.2 - 120

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

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1,2,3,4	0.0979	mg/L	1	0.100	<0.000223	98	78.9 - 120	2	20
Toluene		1,2,3,4	0.0933	mg/L	1	0.100	<0.000238	93	79.8 - 120	1	20
Ethylbenzene		1,2,3,4	0.102	mg/L	1	0.100	<0.000238	102	79.7 - 120	2	20
Xylene		1,2,3,4	0.307	mg/L	1	0.300	<0.000243	102	78.2 - 120	3	20

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

Surrogate	F	C	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)		4	0.104	0.103	mg/L	1	0.100	104	103	71.6 - 120
4-Bromofluorobenzene (4-BFB)		4	0.106	0.104	mg/L	1	0.100	106	104	70 - 120

Laboratory Control Spike (LCS-1)

QC Batch: 132263
Prep Batch: 112097

Date Analyzed: 2016-08-22
QC Preparation: 2016-08-22

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	0.0994	mg/L	1	0.100	<0.000223	99	78.9 - 120
Toluene		1,2,3,4	0.0951	mg/L	1	0.100	<0.000238	95	79.8 - 120
Ethylbenzene		1,2,3,4	0.104	mg/L	1	0.100	<0.000238	104	79.7 - 120
Xylene		1,2,3,4	0.314	mg/L	1	0.300	<0.000243	105	78.2 - 120

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

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1,2,3,4	0.0921	mg/L	1	0.100	<0.000223	92	78.9 - 120	8	20
Toluene		1,2,3,4	0.0879	mg/L	1	0.100	<0.000238	88	79.8 - 120	8	20
Ethylbenzene		1,2,3,4	0.0977	mg/L	1	0.100	<0.000238	98	79.7 - 120	6	20
Xylene		1,2,3,4	0.296	mg/L	1	0.300	<0.000243	99	78.2 - 120	6	20

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

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Surrogate	F	C	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)		4	0.105	0.106	mg/L	1	0.100	105	106	71.6 - 120
4-Bromofluorobenzene (4-BFB)		4	0.103	0.109	mg/L	1	0.100	103	109	70 - 120

Matrix Spikes

Matrix Spike (MS-1) Spiked Sample: 426138

QC Batch: 132099
Prep Batch: 111946

Date Analyzed: 2016-08-12
QC Preparation: 2016-08-12

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	0.286	mg/L	1	0.100	0.2404	46	18.2 - 149
Toluene		1,2,3,4	0.0864	mg/L	1	0.100	0.0033	83	13 - 157
Ethylbenzene		1,2,3,4	0.178	mg/L	1	0.100	0.0893	89	12.9 - 156
Xylene		1,2,3,4	0.305	mg/L	1	0.300	0.034	90	22 - 150

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	0.292	mg/L	1	0.100	0.2404	52	18.2 - 149	2	20
Toluene		1,2,3,4	0.0853	mg/L	1	0.100	0.0033	82	13 - 157	1	20
Ethylbenzene		1,2,3,4	0.177	mg/L	1	0.100	0.0893	88	12.9 - 156	1	20
Xylene		1,2,3,4	0.300	mg/L	1	0.300	0.034	89	22 - 150	2	20

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

Surrogate	F	C	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)		4	0.0867	0.0863	mg/L	1	0.1	87	86	71.6 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0990	0.0972	mg/L	1	0.1	99	97	70 - 120

Matrix Spike (MS-1) Spiked Sample: 426302

QC Batch: 132158
Prep Batch: 111999

Date Analyzed: 2016-08-16
QC Preparation: 2016-08-16

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	0.0821	mg/L	1	0.100	<0.000223	82	18.2 - 149
Toluene		1,2,3,4	0.0785	mg/L	1	0.100	<0.000238	78	13 - 157
Ethylbenzene		1,2,3,4	0.0866	mg/L	1	0.100	<0.000238	87	12.9 - 156
Xylene		1,2,3,4	0.261	mg/L	1	0.300	<0.000243	87	22 - 150

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

continued ...

matrix spikes continued ...

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1,2,3,4	0.0832	mg/L	1	0.100	<0.000223	83	18.2 - 149	1	20
Toluene		1,2,3,4	0.0793	mg/L	1	0.100	<0.000238	79	13 - 157	1	20
Ethylbenzene		1,2,3,4	0.0878	mg/L	1	0.100	<0.000238	88	12.9 - 156	1	20
Xylene		1,2,3,4	0.266	mg/L	1	0.300	<0.000243	89	22 - 150	2	20

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

Surrogate	F	C	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)		4	0.0848	0.0851	mg/L	1	0.1	85	85	71.6 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0867	0.0878	mg/L	1	0.1	87	88	70 - 120

Matrix Spike (MS-1) Spiked Sample: 426129

QC Batch: 132221
Prep Batch: 112060

Date Analyzed: 2016-08-19
QC Preparation: 2016-08-19

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	0.0784	mg/L	1	0.100	<0.000480	78	15.1 - 147
Toluene		1,2,3,4	0.0749	mg/L	1	0.100	<0.000512	75	11.8 - 147
Ethylbenzene		1,2,3,4	0.0717	mg/L	1	0.100	<0.000616	72	10 - 149
Xylene		1,2,3,4	0.214	mg/L	1	0.300	<0.000358	71	10 - 149

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	0.0816	mg/L	1	0.100	<0.000480	82	15.1 - 147	4	20
Toluene		1,2,3,4	0.0785	mg/L	1	0.100	<0.000512	78	11.8 - 147	5	20
Ethylbenzene		1,2,3,4	0.0761	mg/L	1	0.100	<0.000616	76	10 - 149	6	20
Xylene		1,2,3,4	0.228	mg/L	1	0.300	<0.000358	76	10 - 149	6	20

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

Surrogate	F	C	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)		4	0.0761	0.0782	mg/L	1	0.1	76	78	66.3 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0776	0.0796	mg/L	1	0.1	78	80	67.5 - 120

Matrix Spike (MS-1) Spiked Sample: 426721

QC Batch: 132240
Prep Batch: 112073

Date Analyzed: 2016-08-20
QC Preparation: 2016-08-20

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	0.152	mg/L	1	0.100	0.0584	94	18.2 - 149
Toluene		1,2,3,4	0.0885	mg/L	1	0.100	<0.000238	88	13 - 157
Ethylbenzene		1,2,3,4	0.113	mg/L	1	0.100	0.0142	99	12.9 - 156
Xylene		1,2,3,4	0.294	mg/L	1	0.300	<0.000243	98	22 - 150

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	0.151	mg/L	1	0.100	0.0584	93	18.2 - 149	1	20
Toluene		1,2,3,4	0.0876	mg/L	1	0.100	<0.000238	88	13 - 157	1	20
Ethylbenzene		1,2,3,4	0.112	mg/L	1	0.100	0.0142	98	12.9 - 156	1	20
Xylene		1,2,3,4	0.290	mg/L	1	0.300	<0.000243	97	22 - 150	1	20

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

Surrogate	F	C	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)		4	0.0982	0.0976	mg/L	1	0.1	98	98	71.6 - 120
4-Bromofluorobenzene (4-BFB)		4	0.104	0.103	mg/L	1	0.1	104	103	70 - 120

Matrix Spike (MS-1) Spiked Sample: 426812

QC Batch: 132263
Prep Batch: 112097

Date Analyzed: 2016-08-22
QC Preparation: 2016-08-22

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	0.0940	mg/L	1	0.100	<0.000223	94	18.2 - 149
Toluene		1,2,3,4	0.0899	mg/L	1	0.100	<0.000238	90	13 - 157
Ethylbenzene		1,2,3,4	0.0992	mg/L	1	0.100	<0.000238	99	12.9 - 156
Xylene		1,2,3,4	0.299	mg/L	1	0.300	<0.000243	100	22 - 150

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	0.0957	mg/L	1	0.100	<0.000223	96	18.2 - 149	2	20
Toluene		1,2,3,4	0.0912	mg/L	1	0.100	<0.000238	91	13 - 157	1	20
Ethylbenzene		1,2,3,4	0.101	mg/L	1	0.100	<0.000238	101	12.9 - 156	2	20
Xylene		1,2,3,4	0.305	mg/L	1	0.300	<0.000243	102	22 - 150	2	20

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

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Surrogate	F	C	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)		4	0.0981	0.0990	mg/L	1	0.1	98	99	71.6 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0994	0.100	mg/L	1	0.1	99	100	70 - 120

Calibration Standards

Standard (CCV-1)

QC Batch: 132099

Date Analyzed: 2016-08-12

Analyzed By: MT

Param	F	C	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,3,4	mg/L	0.100	0.0875	88	80 - 120	2016-08-12
Toluene		1,2,3,4	mg/L	0.100	0.0835	84	80 - 120	2016-08-12
Ethylbenzene		1,2,3,4	mg/L	0.100	0.0916	92	80 - 120	2016-08-12
Xylene		1,2,3,4	mg/L	0.300	0.275	92	80 - 120	2016-08-12

Standard (CCV-2)

QC Batch: 132099

Date Analyzed: 2016-08-12

Analyzed By: MT

Param	F	C	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,3,4	mg/L	0.100	0.0886	89	80 - 120	2016-08-12
Toluene		1,2,3,4	mg/L	0.100	0.0838	84	80 - 120	2016-08-12
Ethylbenzene		1,2,3,4	mg/L	0.100	0.0921	92	80 - 120	2016-08-12
Xylene		1,2,3,4	mg/L	0.300	0.278	93	80 - 120	2016-08-12

Standard (CCV-2)

QC Batch: 132158

Date Analyzed: 2016-08-16

Analyzed By: MT

Param	F	C	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,3,4	mg/L	0.100	0.0879	88	80 - 120	2016-08-16
Toluene		1,2,3,4	mg/L	0.100	0.0835	84	80 - 120	2016-08-16
Ethylbenzene		1,2,3,4	mg/L	0.100	0.0925	92	80 - 120	2016-08-16
Xylene		1,2,3,4	mg/L	0.300	0.278	93	80 - 120	2016-08-16

Standard (CCV-3)

QC Batch: 132158

Date Analyzed: 2016-08-16

Analyzed By: MT

Param	F	C	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,3,4	mg/L	0.100	0.0901	90	80 - 120	2016-08-16
Toluene		1,2,3,4	mg/L	0.100	0.0851	85	80 - 120	2016-08-16
Ethylbenzene		1,2,3,4	mg/L	0.100	0.0941	94	80 - 120	2016-08-16
Xylene		1,2,3,4	mg/L	0.300	0.284	95	80 - 120	2016-08-16

Standard (CCV-1)

QC Batch: 132221

Date Analyzed: 2016-08-19

Analyzed By: MT

Param	F	C	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,3,4	mg/L	0.100	0.0892	89	80 - 120	2016-08-19
Toluene		1,2,3,4	mg/L	0.100	0.0855	86	80 - 120	2016-08-19
Ethylbenzene		1,2,3,4	mg/L	0.100	0.0827	83	80 - 120	2016-08-19
Xylene		1,2,3,4	mg/L	0.300	0.248	83	80 - 120	2016-08-19

Standard (CCV-2)

QC Batch: 132221

Date Analyzed: 2016-08-19

Analyzed By: MT

Param	F	C	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,3,4	mg/L	0.100	0.0871	87	80 - 120	2016-08-19
Toluene		1,2,3,4	mg/L	0.100	0.0844	84	80 - 120	2016-08-19
Ethylbenzene		1,2,3,4	mg/L	0.100	0.0819	82	80 - 120	2016-08-19
Xylene		1,2,3,4	mg/L	0.300	0.246	82	80 - 120	2016-08-19

Standard (CCV-3)

QC Batch: 132221

Date Analyzed: 2016-08-19

Analyzed By: MT

Param	F	C	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,3,4	mg/L	0.100	0.0880	88	80 - 120	2016-08-19
Toluene		1,2,3,4	mg/L	0.100	0.0856	86	80 - 120	2016-08-19
Ethylbenzene		1,2,3,4	mg/L	0.100	0.0822	82	80 - 120	2016-08-19
Xylene		1,2,3,4	mg/L	0.300	0.246	82	80 - 120	2016-08-19

Standard (CCV-1)

QC Batch: 132240

Date Analyzed: 2016-08-20

Analyzed By: MT

Param	F	C	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,3,4	mg/L	0.100	0.0972	97	80 - 120	2016-08-20
Toluene		1,2,3,4	mg/L	0.100	0.0928	93	80 - 120	2016-08-20
Ethylbenzene		1,2,3,4	mg/L	0.100	0.102	102	80 - 120	2016-08-20
Xylene		1,2,3,4	mg/L	0.300	0.304	102	80 - 120	2016-08-20

Standard (CCV-2)

QC Batch: 132240

Date Analyzed: 2016-08-20

Analyzed By: MT

Param	F	C	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,3,4	mg/L	0.100	0.0979	98	80 - 120	2016-08-20
Toluene		1,2,3,4	mg/L	0.100	0.0936	94	80 - 120	2016-08-20
Ethylbenzene		1,2,3,4	mg/L	0.100	0.105	105	80 - 120	2016-08-20
Xylene		1,2,3,4	mg/L	0.300	0.315	105	80 - 120	2016-08-20

Standard (CCV-1)

QC Batch: 132263

Date Analyzed: 2016-08-22

Analyzed By: MT

Param	F	C	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,3,4	mg/L	0.100	0.101	101	80 - 120	2016-08-22
Toluene		1,2,3,4	mg/L	0.100	0.0962	96	80 - 120	2016-08-22
Ethylbenzene		1,2,3,4	mg/L	0.100	0.107	107	80 - 120	2016-08-22
Xylene		1,2,3,4	mg/L	0.300	0.323	108	80 - 120	2016-08-22

Standard (CCV-2)

QC Batch: 132263

Date Analyzed: 2016-08-22

Analyzed By: MT

Param	F	C	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,3,4	mg/L	0.100	0.101	101	80 - 120	2016-08-22

continued ...

standard continued ...

Param	F	C	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Toluene		1,2,3,4	mg/L	0.100	0.0965	96	80 - 120	2016-08-22
Ethylbenzene		1,2,3,4	mg/L	0.100	0.106	106	80 - 120	2016-08-22
Xylene		1,2,3,4	mg/L	0.300	0.322	107	80 - 120	2016-08-22

Limits of Detection (LOD)

Test	Method	Matrix	Instrument	Analyte	Spike Amount	Pass
BTEX	S 8021B	water	BTEX-2	Benzene	0.00105	Pass
BTEX	S 8021B	water	BTEX-2	Toluene	0.00105	Pass
BTEX	S 8021B	water	BTEX-2	Ethylbenzene	0.00105	Pass
BTEX	S 8021B	water	BTEX-2	Xylene	0.00105	Pass
BTEX	S 8021B	water	GC-9	Benzene	0.000650	Pass
BTEX	S 8021B	water	GC-9	Toluene	0.000650	Pass
BTEX	S 8021B	water	GC-9	Ethylbenzene	0.000650	Pass
BTEX	S 8021B	water	GC-9	Xylene	0.000650	Pass

Appendix

Report Definitions

Name	Definition
MDL	Method Detection Limit
MLQ	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	L-A-B	L2418	Lubbock
2	Kansas	Kansas E-10317	Lubbock
3	NELAP	T104704219-16-12	Lubbock
4		2015-066	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 MLQ. 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

The scanned attachments will follow this page.

Please note, each attachment may consist of more than one page.

201800

200 East Sunset Rd., Suite E
El Paso, Texas 79922
Tel (915) 585-3443

Fax (432) 689-6313

200 East Sunset Rd., Suite E
El Paso, Texas 79922

2301 Mayes Rd., Ste 100
Carrollton, Texas 75006

Fax (915) 585-4944
1 (888) 588-3443

027720

0011

703

Project Name:

Sampler Signature:

82 / 826 / T / RO / d C / Ba

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9:16

Time:

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Time:

III.

2018-11-11

Carry in

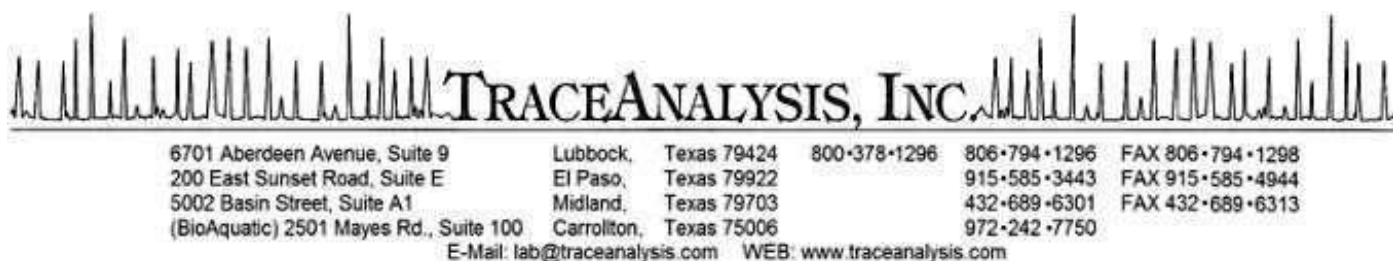
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LAB USE ONLY

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

Carrier # _____



Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

Curt Stanley
 TRC Solutions
 2057 Commerce
 Midland, Tx, 79703

Report Date: August 19, 2016

Work Order: 16081204



Project Name: Bob Durham
 Project Number: TNM-LF-2000-7

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
426299	MW 1	water	2016-08-10	14:10	2016-08-12
426300	MW 13	water	2016-08-10	14:45	2016-08-12
426301	MW 2	water	2016-08-10	15:23	2016-08-12
426302	MW 32	water	2016-08-10	15:50	2016-08-12
426303	MW 38	water	2016-08-10	16:13	2016-08-12
426304	MW 4	water	2016-08-11	11:35	2016-08-12
426305	MW 56	water	2016-08-11	12:08	2016-08-12
426306	MW 5	water	2016-08-11	12:39	2016-08-12
426307	MW 12	water	2016-08-11	13:12	2016-08-12

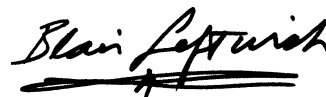
Notes

- **Work Order 16081204:** Received on ice

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.

TraceAnalysis, Inc. uses the attached chain of custody (COC) as the laboratory check-in documentation which includes sample receipt, temperature, sample preservation method and condition, collection date and time, testing requested, company, sampler, contacts and any special remarks.

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

A handwritten signature in black ink, reading "Blair Leftwich". The signature is written in a cursive style with a prominent horizontal line underneath.

Dr. Blair Leftwich, Director
James Taylor, Assistant Director
Johnny Grindstaff, Operations Manager

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Case Narrative

Samples for project Bob Durham were received by TraceAnalysis, Inc. on 2016-08-12 and assigned to work order 16081204. Samples for work order 16081204 were received intact at a temperature of 9.1 C.

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

Test	Method	Prep Batch	Prep Date	QC Batch	Analysis Date
BTEX	S 8021B	111999	2016-08-16 at 14:00	132158	2016-08-16 at 14:00
BTEX	S 8021B	112000	2016-08-16 at 14:00	132159	2016-08-16 at 14:00
BTEX	S 8021B	112046	2016-08-18 at 09:25	132208	2016-08-18 at 09:25

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 16081204 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: 426299 - MW 1

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 132208
Prep Batch: 112046

Analytical Method: S 8021B
Date Analyzed: 2016-08-18
Sample Preparation: 2016-08-18

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

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.0974	mg/L	1	0.100	97	71.6 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0982	mg/L	1	0.100	98	70 - 120

Sample: 426300 - MW 13

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 132208
Prep Batch: 112046

Analytical Method: S 8021B
Date Analyzed: 2016-08-18
Sample Preparation: 2016-08-18

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

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.0994	mg/L	1	0.100	99	71.6 - 120
4-Bromofluorobenzene (4-BFB)		4	0.102	mg/L	1	0.100	102	70 - 120

Report Date: August 19, 2016
TNM-LF-2000-7

Work Order: 16081204
Bob Durham

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Sample: 426301 - MW 2

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 132208

Prep Batch: 112046

Analytical Method: S 8021B

Date Analyzed: 2016-08-18

Sample Preparation: 2016-08-18

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.0973	mg/L	1	0.100	97	71.6 - 120
4-Bromofluorobenzene (4-BFB)		4	0.100	mg/L	1	0.100	100	70 - 120

Sample: 426302 - MW 32

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 132158

Prep Batch: 111999

Analytical Method: S 8021B

Date Analyzed: 2016-08-16

Sample Preparation: 2016-08-16

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.0845	mg/L	1	0.100	84	71.6 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0839	mg/L	1	0.100	84	70 - 120

Report Date: August 19, 2016
TNM-LF-2000-7

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Bob Durham

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Sample: 426303 - MW 38

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 132159

Prep Batch: 112000

Analytical Method: S 8021B

Date Analyzed: 2016-08-16

Sample Preparation: 2016-08-16

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.0846	mg/L	1	0.100	85	71.6 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0829	mg/L	1	0.100	83	70 - 120

Sample: 426304 - MW 4

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 132208

Prep Batch: 112046

Analytical Method: S 8021B

Date Analyzed: 2016-08-18

Sample Preparation: 2016-08-18

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.0975	mg/L	1	0.100	98	71.6 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0948	mg/L	1	0.100	95	70 - 120

Report Date: August 19, 2016
TNM-LF-2000-7

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Bob Durham

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Sample: 426305 - MW 56

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 132159

Prep Batch: 112000

Analytical Method: S 8021B

Date Analyzed: 2016-08-16

Sample Preparation: 2016-08-16

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.0853	mg/L	1	0.100	85	71.6 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0841	mg/L	1	0.100	84	70 - 120

Sample: 426306 - MW 5

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 132208

Prep Batch: 112046

Analytical Method: S 8021B

Date Analyzed: 2016-08-18

Sample Preparation: 2016-08-18

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.0983	mg/L	1	0.100	98	71.6 - 120
4-Bromofluorobenzene (4-BFB)		4	0.100	mg/L	1	0.100	100	70 - 120

Report Date: August 19, 2016
TNM-LF-2000-7

Work Order: 16081204
Bob Durham

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Sample: 426307 - MW 12

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 132208

Prep Batch: 112046

Analytical Method: S 8021B

Date Analyzed: 2016-08-18

Sample Preparation: 2016-08-18

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1,2,3,4	0.00130	mg/L	1	0.00100
Toluene	U	1,2,3,4	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	1,2,3,4	<0.00100	mg/L	1	0.00100
Xylene	U	1,2,3,4	<0.00100	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.0982	mg/L	1	0.100	98	71.6 - 120
4-Bromofluorobenzene (4-BFB)		4	0.115	mg/L	1	0.100	115	70 - 120

Method Blanks

Method Blank (1) QC Batch: 132158

QC Batch: 132158 Date Analyzed: 2016-08-16 Analyzed By: MT
Prep Batch: 111999 QC Preparation: 2016-08-16 Prepared By: MT

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1,2,3,4	<0.000223	mg/L	0.001
Toluene		1,2,3,4	<0.000238	mg/L	0.001
Ethylbenzene		1,2,3,4	<0.000238	mg/L	0.001
Xylene		1,2,3,4	<0.000243	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.0901	mg/L	1	0.100	90	71.6 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0872	mg/L	1	0.100	87	70 - 120

Method Blank (1) QC Batch: 132159

QC Batch: 132159 Date Analyzed: 2016-08-16 Analyzed By: MT
Prep Batch: 112000 QC Preparation: 2016-08-16 Prepared By: MT

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1,2,3,4	<0.000223	mg/L	0.001
Toluene		1,2,3,4	<0.000238	mg/L	0.001
Ethylbenzene		1,2,3,4	<0.000238	mg/L	0.001
Xylene		1,2,3,4	<0.000243	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.0912	mg/L	1	0.100	91	71.6 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0882	mg/L	1	0.100	88	70 - 120

Method Blank (1) QC Batch: 132208

QC Batch: 132208 Date Analyzed: 2016-08-18 Analyzed By: MT
Prep Batch: 112046 QC Preparation: 2016-08-18 Prepared By: MT

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Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1,2,3,4	<0.000223	mg/L	0.001
Toluene		1,2,3,4	<0.000238	mg/L	0.001
Ethylbenzene		1,2,3,4	<0.000238	mg/L	0.001
Xylene		1,2,3,4	<0.000243	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.103	mg/L	1	0.100	103	71.6 - 120
4-Bromofluorobenzene (4-BFB)		4	0.101	mg/L	1	0.100	101	70 - 120

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 132158
Prep Batch: 111999

Date Analyzed: 2016-08-16
QC Preparation: 2016-08-16

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	0.0867	mg/L	1	0.100	<0.000223	87	78.9 - 120
Toluene		1,2,3,4	0.0822	mg/L	1	0.100	<0.000238	82	79.8 - 120
Ethylbenzene		1,2,3,4	0.0893	mg/L	1	0.100	<0.000238	89	79.7 - 120
Xylene		1,2,3,4	0.268	mg/L	1	0.300	<0.000243	89	78.2 - 120

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

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1,2,3,4	0.0875	mg/L	1	0.100	<0.000223	88	78.9 - 120	1	20
Toluene		1,2,3,4	0.0835	mg/L	1	0.100	<0.000238	84	79.8 - 120	2	20
Ethylbenzene		1,2,3,4	0.0925	mg/L	1	0.100	<0.000238	92	79.7 - 120	4	20
Xylene		1,2,3,4	0.278	mg/L	1	0.300	<0.000243	93	78.2 - 120	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)	4	0.0910	0.0899	mg/L	1	0.100	91	90	71.6 - 120
4-Bromofluorobenzene (4-BFB)	4	0.0895	0.0904	mg/L	1	0.100	90	90	70 - 120

Laboratory Control Spike (LCS-1)

QC Batch: 132159
Prep Batch: 112000

Date Analyzed: 2016-08-16
QC Preparation: 2016-08-16

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	0.0899	mg/L	1	0.100	<0.000223	90	78.9 - 120
Toluene		1,2,3,4	0.0853	mg/L	1	0.100	<0.000238	85	79.8 - 120
Ethylbenzene		1,2,3,4	0.0932	mg/L	1	0.100	<0.000238	93	79.7 - 120
Xylene		1,2,3,4	0.280	mg/L	1	0.300	<0.000243	93	78.2 - 120

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

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Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1,2,3,4	0.0876	mg/L	1	0.100	<0.000223	88	78.9 - 120	3	20
Toluene		1,2,3,4	0.0832	mg/L	1	0.100	<0.000238	83	79.8 - 120	2	20
Ethylbenzene		1,2,3,4	0.0917	mg/L	1	0.100	<0.000238	92	79.7 - 120	2	20
Xylene		1,2,3,4	0.277	mg/L	1	0.300	<0.000243	92	78.2 - 120	1	20

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

Surrogate		LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	4	0.0916	0.0917	mg/L	1	0.100	92	92	71.6 - 120
4-Bromofluorobenzene (4-BFB)	4	0.0912	0.0924	mg/L	1	0.100	91	92	70 - 120

Laboratory Control Spike (LCS-1)

QC Batch: 132208
Prep Batch: 112046

Date Analyzed: 2016-08-18
QC Preparation: 2016-08-18

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	0.0981	mg/L	1	0.100	<0.000223	98	78.9 - 120
Toluene		1,2,3,4	0.0939	mg/L	1	0.100	<0.000238	94	79.8 - 120
Ethylbenzene		1,2,3,4	0.104	mg/L	1	0.100	<0.000238	104	79.7 - 120
Xylene		1,2,3,4	0.316	mg/L	1	0.300	<0.000243	105	78.2 - 120

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

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1,2,3,4	0.101	mg/L	1	0.100	<0.000223	101	78.9 - 120	3	20
Toluene		1,2,3,4	0.0963	mg/L	1	0.100	<0.000238	96	79.8 - 120	2	20
Ethylbenzene		1,2,3,4	0.106	mg/L	1	0.100	<0.000238	106	79.7 - 120	2	20
Xylene		1,2,3,4	0.320	mg/L	1	0.300	<0.000243	107	78.2 - 120	1	20

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

Surrogate		LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	4	0.104	0.104	mg/L	1	0.100	104	104	71.6 - 120
4-Bromofluorobenzene (4-BFB)	4	0.107	0.106	mg/L	1	0.100	107	106	70 - 120

Matrix Spikes

Matrix Spike (MS-1) Spiked Sample: 426302

QC Batch: 132158
Prep Batch: 111999

Date Analyzed: 2016-08-16
QC Preparation: 2016-08-16

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	0.0821	mg/L	1	0.100	<0.000223	82	18.2 - 149
Toluene		1,2,3,4	0.0785	mg/L	1	0.100	<0.000238	78	13 - 157
Ethylbenzene		1,2,3,4	0.0866	mg/L	1	0.100	<0.000238	87	12.9 - 156
Xylene		1,2,3,4	0.261	mg/L	1	0.300	<0.000243	87	22 - 150

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	0.0832	mg/L	1	0.100	<0.000223	83	18.2 - 149	1	20
Toluene		1,2,3,4	0.0793	mg/L	1	0.100	<0.000238	79	13 - 157	1	20
Ethylbenzene		1,2,3,4	0.0878	mg/L	1	0.100	<0.000238	88	12.9 - 156	1	20
Xylene		1,2,3,4	0.266	mg/L	1	0.300	<0.000243	89	22 - 150	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)	4	0.0848	0.0851	mg/L	1	0.1	85	85	71.6 - 120
4-Bromofluorobenzene (4-BFB)	4	0.0867	0.0878	mg/L	1	0.1	87	88	70 - 120

Matrix Spike (MS-1) Spiked Sample: 426305

QC Batch: 132159
Prep Batch: 112000

Date Analyzed: 2016-08-16
QC Preparation: 2016-08-16

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	0.0815	mg/L	1	0.100	<0.000223	82	18.2 - 149
Toluene		1,2,3,4	0.0773	mg/L	1	0.100	<0.000238	77	13 - 157
Ethylbenzene		1,2,3,4	0.0846	mg/L	1	0.100	<0.000238	85	12.9 - 156
Xylene		1,2,3,4	0.254	mg/L	1	0.300	<0.000243	85	22 - 150

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

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Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1,2,3,4	0.0854	mg/L	1	0.100	<0.000223	85	18.2 - 149	5	20
Toluene		1,2,3,4	0.0814	mg/L	1	0.100	<0.000238	81	13 - 157	5	20
Ethylbenzene		1,2,3,4	0.0897	mg/L	1	0.100	<0.000238	90	12.9 - 156	6	20
Xylene		1,2,3,4	0.270	mg/L	1	0.300	<0.000243	90	22 - 150	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)	4	0.0855	0.0856	mg/L	1	0.1	86	86	71.6 - 120
4-Bromofluorobenzene (4-BFB)	4	0.0867	0.0867	mg/L	1	0.1	87	87	70 - 120

Matrix Spike (MS-1) Spiked Sample: 426569

QC Batch: 132208
Prep Batch: 112046

Date Analyzed: 2016-08-18
QC Preparation: 2016-08-18

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	0.508	mg/L	5	0.500	<0.00112	102	18.2 - 149
Toluene		1,2,3,4	0.491	mg/L	5	0.500	<0.00119	98	13 - 157
Ethylbenzene		1,2,3,4	0.587	mg/L	5	0.500	0.0475	108	12.9 - 156
Xylene		1,2,3,4	1.67	mg/L	5	1.50	0.0092	111	22 - 150

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	0.514	mg/L	5	0.500	<0.00112	103	18.2 - 149	1	20
Toluene		1,2,3,4	0.498	mg/L	5	0.500	<0.00119	100	13 - 157	1	20
Ethylbenzene		1,2,3,4	0.583	mg/L	5	0.500	0.0475	107	12.9 - 156	1	20
Xylene		1,2,3,4	1.62	mg/L	5	1.50	0.0092	107	22 - 150	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)	4	0.549	0.553	mg/L	5	0.5	110	111	71.6 - 120
4-Bromofluorobenzene (4-BFB)	4	0.558	0.543	mg/L	5	0.5	112	109	70 - 120

Calibration Standards

Standard (CCV-2)

QC Batch: 132158

Date Analyzed: 2016-08-16

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	mg/L	0.100	0.0879	88	80 - 120	2016-08-16
Toluene		1,2,3,4	mg/L	0.100	0.0835	84	80 - 120	2016-08-16
Ethylbenzene		1,2,3,4	mg/L	0.100	0.0925	92	80 - 120	2016-08-16
Xylene		1,2,3,4	mg/L	0.300	0.278	93	80 - 120	2016-08-16

Standard (CCV-3)

QC Batch: 132158

Date Analyzed: 2016-08-16

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	mg/L	0.100	0.0901	90	80 - 120	2016-08-16
Toluene		1,2,3,4	mg/L	0.100	0.0851	85	80 - 120	2016-08-16
Ethylbenzene		1,2,3,4	mg/L	0.100	0.0941	94	80 - 120	2016-08-16
Xylene		1,2,3,4	mg/L	0.300	0.284	95	80 - 120	2016-08-16

Standard (CCV-1)

QC Batch: 132159

Date Analyzed: 2016-08-16

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	mg/L	0.100	0.0896	90	80 - 120	2016-08-16
Toluene		1,2,3,4	mg/L	0.100	0.0846	85	80 - 120	2016-08-16
Ethylbenzene		1,2,3,4	mg/L	0.100	0.0934	93	80 - 120	2016-08-16
Xylene		1,2,3,4	mg/L	0.300	0.282	94	80 - 120	2016-08-16

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Standard (CCV-2)

QC Batch: 132159

Date Analyzed: 2016-08-16

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	mg/L	0.100	0.0882	88	80 - 120	2016-08-16
Toluene		1,2,3,4	mg/L	0.100	0.0834	83	80 - 120	2016-08-16
Ethylbenzene		1,2,3,4	mg/L	0.100	0.0922	92	80 - 120	2016-08-16
Xylene		1,2,3,4	mg/L	0.300	0.279	93	80 - 120	2016-08-16

Standard (CCV-1)

QC Batch: 132208

Date Analyzed: 2016-08-18

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	mg/L	0.100	0.102	102	80 - 120	2016-08-18
Toluene		1,2,3,4	mg/L	0.100	0.0968	97	80 - 120	2016-08-18
Ethylbenzene		1,2,3,4	mg/L	0.100	0.107	107	80 - 120	2016-08-18
Xylene		1,2,3,4	mg/L	0.300	0.321	107	80 - 120	2016-08-18

Standard (CCV-2)

QC Batch: 132208

Date Analyzed: 2016-08-18

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	mg/L	0.100	0.0998	100	80 - 120	2016-08-18
Toluene		1,2,3,4	mg/L	0.100	0.0947	95	80 - 120	2016-08-18
Ethylbenzene		1,2,3,4	mg/L	0.100	0.104	104	80 - 120	2016-08-18
Xylene		1,2,3,4	mg/L	0.300	0.312	104	80 - 120	2016-08-18

Appendix

Report Definitions

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

Laboratory Certifications

C	Certifying Authority	Certification Number	Laboratory Location
-	NCTRCA	WFWB384444Y0909	TraceAnalysis
-	DBE	VN 20657	TraceAnalysis
-	HUB	1752439743100-86536	TraceAnalysis
-	WBE	237019	TraceAnalysis
1	L-A-B	L2418	Lubbock
2	Kansas	Kansas E-10317	Lubbock
3	NELAP	T104704219-16-12	Lubbock
4		2015-066	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 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

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

TraceAnalysis, Inc.
email: lab@traceanalysis.com

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

5002 Basin Street, Suite A1
Midland, Texas 79703
Tel (432) 689-6301
Fax (432) 689-6313

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

BioAquatic Testing
2501 Mayes Rd., Ste 100
Carrollton, Texas 75006
Tel (972) 242-7750
Fax (575) 392-7561
Fax (575) 392-4508

Company Name: TPC Solutions		Phone #: 432 520-7720											
Address: (Street, City, Zip) 2057 Commerce Dr Midland Tx 79703		Fax #:											
Contact Person: Carl Stanley		E-mail:											
Invoice to: (if different from above) Plains													
Project #:		Project Name: Bob Durham											
Project Location (including state): TNM-LF-2000-7		Sampler Signature: <i>Manuel</i>											
LAB # (LAB USE ONLY)	FIELD CODE *	# CONTAINERS	Volume / Amount	MATRIX			PRESERVATIVE METHOD				SAMPLING		TIME
				WATER	SOIL	AIR	SLUDGE	HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE	
426299	mw1	3	VOA X				X			X		8-10-16	1910
200	mw13												1445
301	mw 2												1523
302	mw 32												1550
303	mw 38												1613
304	mw 4											8-11-16	1135
305	mw 56												1208
306	mw 5												1239
307	mw12												1312
Turn Around Time if different from standard													
Na, Ca, Mg, K, TDS, EC													
Cl, F, SO ₄ , NO ₃ -, N, NO ₂ -, PO ₄ -, P, Alkalinity													
Moisture Content													
BOD, TSS, pH													
Pesticides 8081 / 608													
PCB's 8082 / 608													
GC/MS Semi. Vol. 8270 / 625													
GC/MS Vol. 8260 / 624													
RCI													
TCLP Pesticides													
TCLP Semi Volatiles													
TCLP Volatiles													
TCLP Metals Ag As Ba Cd Cr Pb Se Hg													
Total Metals Ag As Ba Cd Cr Pb Se Hg 6010/200.7													
PAH 8270 / 625													
TPH 8015 GRO / DRO / TVHC													
TPH 418.1 / TX1005 / TX1005 Ext(C35)													
BTX (8021 / 602 / 8260 / 624													
MTBE 8021 / 602 / 8260 / 624													

Relinquished by: <i>Manuel</i>	Company: TPC	Date: 8-12-16	Time: 0911	Received by: <i>Manuel</i>	Company: TA	Date: 8-12-16	Time: 9:11	INST: IR-3	LAB USE ONLY	REMARKS: on ice
Relinquished by: <i>Manuel</i>	Company: TPC	Date: 8-12-16	Time: 0911	Received by: <i>Manuel</i>	Company: TA	Date: 8-12-16	Time: 9:11	INST: IR-3	LAB USE ONLY	REMARKS: on ice
Relinquished by: <i>Manuel</i>	Company: TPC	Date: 8-12-16	Time: 0911	Received by: <i>Manuel</i>	Company: TA	Date: 8-12-16	Time: 9:11	INST: IR-3	LAB USE ONLY	REMARKS: on ice

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

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Carrier #

Carry-n 25209464



TRACEANALYSIS, INC.

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

Certifications

WBE HUB NCTRCA DBE NELAP Kansas Oklahoma

Analytical and Quality Control Report

Curt Stanley
TRC Solutions
2057 Commerce
Midland, Tx, 79703

Report Date: November 30, 2016

Work Order: 16111701



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
432204	MW 13	water	2016-11-15	11:00	2016-11-17
432205	MW 19	water	2016-11-15	11:17	2016-11-17
432206	MW 2	water	2016-11-15	12:00	2016-11-17
432207	MW 21	water	2016-11-15	12:16	2016-11-17
432208	MW 23	water	2016-11-15	12:39	2016-11-17
432209	MW 25	water	2016-11-15	13:05	2016-11-17
432210	MW 3	water	2016-11-15	13:41	2016-11-17
432211	MW 30	water	2016-11-15	14:01	2016-11-17
432212	MW 31	water	2016-11-15	14:16	2016-11-17
432213	MW 18	water	2016-11-15	14:31	2016-11-17
432214	MW 33	water	2016-11-15	14:52	2016-11-17
432215	MW 34	water	2016-11-15	15:10	2016-11-17
432216	MW 36	water	2016-11-15	15:27	2016-11-17
432217	MW 37	water	2016-11-15	16:00	2016-11-17
432218	MW 38	water	2016-11-15	16:19	2016-11-17
432219	MW 39	water	2016-11-15	16:46	2016-11-17
432220	MW 40	water	2016-11-15	17:07	2016-11-17
432221	MW 6	water	2016-11-15	17:48	2016-11-17
432222	MW 12	water	2016-11-15	18:04	2016-11-17
432223	MW 15	water	2016-11-16	10:39	2016-11-17
432224	MW 35	water	2016-11-16	11:08	2016-11-17

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
432225	MW 24	water	2016-11-16	11:26	2016-11-17
432226	MW 10	water	2016-11-16	11:49	2016-11-17
432227	MW 16	water	2016-11-16	12:17	2016-11-17
432228	MW 29	water	2016-11-16	12:42	2016-11-17
432229	MW 17	water	2016-11-16	13:00	2016-11-17
432230	MW 28	water	2016-11-16	13:21	2016-11-17
432231	MW 9	water	2016-11-16	14:06	2016-11-17
432232	MW 26	water	2016-11-16	14:40	2016-11-17
432233	MW 32	water	2016-11-16	15:07	2016-11-17
432234	MW 14	water	2016-11-16	15:40	2016-11-17

Notes

- **Work Order 16111701:** shipping 11/17

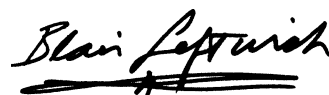
These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

TraceAnalysis, Inc. uses the attached chain of custody (COC) as the laboratory check-in documentation which includes sample receipt, temperature, sample preservation method and condition, collection date and time, testing requested, company, sampler, contacts and any special remarks.

This report consists of a total of 38 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Notes:

For inorganic analyses, the term MQL should actually read PQL.



Dr. Blair Leftwich, Director
James Taylor, Assistant Director
Johnny Grindstaff, Operations Manager

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Case Narrative

Samples for project SPS-11 were received by TraceAnalysis, Inc. on 2016-11-17 and assigned to work order 16111701. Samples for work order 16111701 were received intact 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	113528	2016-11-18 at 09:50	133957	2016-11-21 at 11:27
BTEX	S 8021B	113573	2016-11-21 at 14:35	133969	2016-11-21 at 14:36
BTEX	S 8021B	113604	2016-11-22 at 16:33	134006	2016-11-22 at 16:33
BTEX	S 8021B	113673	2016-11-29 at 09:12	134086	2016-11-29 at 09:12
PAH	S 8270D	113644	2016-11-23 at 15:00	134053	2016-11-28 at 09:07

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 16111701 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: 432204 - MW 13

Laboratory: Midland

Analysis: BTEX

QC Batch: 133957

Prep Batch: 113528

Analytical Method: S 8021B

Date Analyzed: 2016-11-21

Sample Preparation: 2016-11-18

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene	1	u	3	<0.00107	<0.00212	<0.00107	mg/L	2.12	0.00107	0.000504
Toluene		u	3	<0.00132	<0.00212	<0.00132	mg/L	2.12	0.00132	0.000621
Ethylbenzene		u	3	<0.00162	<0.00212	<0.00162	mg/L	2.12	0.00162	0.000763
Xylene		u	3	<0.000543	<0.00212	<0.000543	mg/L	2.12	0.000543	0.000256

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.198	mg/L	2.12	0.200	99	70 - 130
4-Bromofluorobenzene (4-BFB)			0.191	mg/L	2.12	0.200	96	70 - 130

Sample: 432205 - MW 19

Laboratory: Midland

Analysis: BTEX

QC Batch: 133957

Prep Batch: 113528

Analytical Method: S 8021B

Date Analyzed: 2016-11-21

Sample Preparation: 2016-11-18

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene		u	3	<0.000504	<0.00100	<0.000504	mg/L	1	0.000504	0.000504
Toluene		u	3	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.000621
Ethylbenzene		u	3	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.000763
Xylene		u	3	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.000256

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0938	mg/L	1	0.100	94	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0915	mg/L	1	0.100	92	70 - 130

Sample: 432206 - MW 2

Laboratory: Midland

Analysis: BTEX

QC Batch: 133957

Prep Batch: 113528

Analytical Method: S 8021B

Date Analyzed: 2016-11-21

Sample Preparation: 2016-11-18

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	F	C	SDL Based Result	MQL Based Result	Method Blank Result	Units	Dilution	SDL	MQL (Unadjusted)	MDL (Unadjusted)
Benzene	u	3	<0.000504	<0.00100	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	u	3	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	u	3	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	u	3	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	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)			0.0894	mg/L	1	0.100	89	70 - 130

Sample: 432207 - MW 21

Laboratory: Midland

Analysis: BTEX

QC Batch: 133957

Prep Batch: 113528

Analytical Method: S 8021B

Date Analyzed: 2016-11-21

Sample Preparation: 2016-11-18

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	F	C	SDL Based Result	MQL Based Result	Method Blank Result	Units	Dilution	SDL	MQL (Unadjusted)	MDL (Unadjusted)
Benzene	u	3	<0.000504	<0.00100	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	u	3	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	u	3	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	u	3	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0937	mg/L	1	0.100	94	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0894	mg/L	1	0.100	89	70 - 130

Sample: 432208 - MW 23

Laboratory: Midland

Analysis: BTEX

QC Batch: 133957

Analytical Method: S 8021B

Date Analyzed: 2016-11-21

Prep Method: S 5030B

Analyzed By: AK

Report Date: November 30, 2016
TNM-SPS-11

Work Order: 16111701
SPS-11

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Prep Batch: 113528

Sample Preparation: 2016-11-18

Prepared By: AK

Parameter	F	C	SDL Based Result	MQL Based Result	Method Blank Result	Units	Dilution	SDL	MQL (Unadjusted)	MDL (Unadjusted)
Benzene	U	3	<0.000504	<0.00100	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	U	3	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	U	3	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	U	3	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	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)			0.0905	mg/L	1	0.100	90	70 - 130

Sample: 432209 - MW 25

Laboratory: Midland

Analysis: BTEX

QC Batch: 133957

Prep Batch: 113528

Analytical Method: S 8021B

Date Analyzed: 2016-11-21

Sample Preparation: 2016-11-18

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	F	C	SDL Based Result	MQL Based Result	Method Blank Result	Units	Dilution	SDL	MQL (Unadjusted)	MDL (Unadjusted)
Benzene	U	3	<0.000504	<0.00100	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	U	3	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	U	3	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	U	3	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	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)			0.0879	mg/L	1	0.100	88	70 - 130

Sample: 432210 - MW 3

Laboratory: Midland

Analysis: BTEX

QC Batch: 133957

Prep Batch: 113528

Analytical Method: S 8021B

Date Analyzed: 2016-11-21

Sample Preparation: 2016-11-18

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	F	C	SDL Based Result	MQL Based Result	Method Blank Result	Units	Dilution	SDL	MQL (Unadjusted)	MDL (Unadjusted)
Benzene	U	3	<0.000504	<0.00100	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	U	3	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	U	3	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	U	3	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	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)			0.0888	mg/L	1	0.100	89	70 - 130

Sample: 432211 - MW 30

Laboratory: Midland
Analysis: BTEX
QC Batch: 133957
Prep Batch: 113528

Analytical Method: S 8021B
Date Analyzed: 2016-11-21
Sample Preparation: 2016-11-18

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

Parameter	F	C	SDL Based Result	MQL Based Result	Method Blank Result	Units	Dilution	SDL	MQL (Unadjusted)	MDL (Unadjusted)
Benzene	U	3	<0.000504	<0.00100	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	U	3	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	U	3	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	U	3	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	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)			0.0893	mg/L	1	0.100	89	70 - 130

Sample: 432212 - MW 31

Laboratory: Midland
Analysis: BTEX
QC Batch: 133957
Prep Batch: 113528

Analytical Method: S 8021B
Date Analyzed: 2016-11-21
Sample Preparation: 2016-11-18

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

Parameter	F	C	SDL Based Result	MQL Based Result	Method Blank Result	Units	Dilution	SDL	MQL (Unadjusted)	MDL (Unadjusted)
Benzene	U	3	<0.000504	<0.00100	<0.000504	mg/L	1	0.000504	0.001	0.000504

continued ...

sample 432212 continued ...

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Toluene	U	3	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	U	3	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	U	3	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0946	mg/L	1	0.100	95	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0902	mg/L	1	0.100	90	70 - 130

Sample: 432213 - MW 18

Laboratory: Midland
Analysis: BTEX
QC Batch: 133957
Prep Batch: 113528

Analytical Method: S 8021B
Date Analyzed: 2016-11-21
Sample Preparation: 2016-11-18

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

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene	U	3	<0.000504	<0.00100	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	U	3	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	U	3	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	U	3	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	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)			0.0882	mg/L	1	0.100	88	70 - 130

Sample: 432214 - MW 33

Laboratory: Midland
Analysis: BTEX
QC Batch: 133957
Prep Batch: 113528

Analytical Method: S 8021B
Date Analyzed: 2016-11-21
Sample Preparation: 2016-11-18

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

continued ...

sample 432214 continued ...

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene	u	3	<0.000504	<0.00100	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	u	3	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	u	3	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	u	3	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0936	mg/L	1	0.100	94	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0874	mg/L	1	0.100	87	70 - 130

Sample: 432215 - MW 34

Laboratory: Midland

Analysis: BTEX

QC Batch: 133957

Prep Batch: 113528

Analytical Method: S 8021B

Date Analyzed: 2016-11-21

Sample Preparation: 2016-11-18

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene	u	3	<0.000504	<0.00100	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	u	3	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	u	3	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	u	3	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	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)			0.0881	mg/L	1	0.100	88	70 - 130

Sample: 432216 - MW 36

Laboratory: Midland

Analysis: BTEX

QC Batch: 133957

Prep Batch: 113528

Analytical Method: S 8021B

Date Analyzed: 2016-11-21

Sample Preparation: 2016-11-18

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene	U	3	<0.000504	<0.00100	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	U	3	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	U	3	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	U	3	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	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)			0.0898	mg/L	1	0.100	90	70 - 130

Sample: 432217 - MW 37

Laboratory: Midland
Analysis: BTEX
QC Batch: 133957
Prep Batch: 113528

Analytical Method: S 8021B
Date Analyzed: 2016-11-21
Sample Preparation: 2016-11-18

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

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene	U	3	<0.000504	<0.00100	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	U	3	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	U	3	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	U	3	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	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)			0.0952	mg/L	1	0.100	95	70 - 130

Sample: 432218 - MW 38

Laboratory: Midland
Analysis: BTEX
QC Batch: 133957
Prep Batch: 113528

Analytical Method: S 8021B
Date Analyzed: 2016-11-21
Sample Preparation: 2016-11-18

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

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene	U	3	<0.000504	<0.00100	<0.000504	mg/L	1	0.000504	0.001	0.000504

continued ...

sample 432218 continued ...

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Toluene	U	3	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	U	3	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	U	3	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	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)			0.0954	mg/L	1	0.100	95	70 - 130

Sample: 432219 - MW 39

Laboratory: Midland
Analysis: BTEX
QC Batch: 133957
Prep Batch: 113528

Analytical Method: S 8021B
Date Analyzed: 2016-11-21
Sample Preparation: 2016-11-18

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

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene	U	3	<0.000504	<0.00100	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	U	3	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	U	3	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	U	3	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0905	mg/L	1	0.100	90	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0874	mg/L	1	0.100	87	70 - 130

Sample: 432220 - MW 40

Laboratory: Midland
Analysis: BTEX
QC Batch: 133957
Prep Batch: 113528

Analytical Method: S 8021B
Date Analyzed: 2016-11-21
Sample Preparation: 2016-11-18

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

continued ...

sample 432220 continued ...

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene	u	3	<0.000504	<0.00100	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	u	3	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	u	3	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	u	3	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0933	mg/L	1	0.100	93	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0887	mg/L	1	0.100	89	70 - 130

Sample: 432221 - MW 6

Laboratory: Midland

Analysis: BTEX

QC Batch: 133957

Prep Batch: 113528

Analytical Method: S 8021B

Date Analyzed: 2016-11-21

Sample Preparation: 2016-11-18

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene	u	3	<0.000504	<0.00100	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	u	3	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	u	3	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	u	3	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0933	mg/L	1	0.100	93	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0893	mg/L	1	0.100	89	70 - 130

Sample: 432222 - MW 12

Laboratory: Midland

Analysis: BTEX

QC Batch: 133957

Prep Batch: 113528

Analytical Method: S 8021B

Date Analyzed: 2016-11-21

Sample Preparation: 2016-11-18

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene		3	0.00110	0.00110	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	U	3	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	U	3	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	J	3	0.000900	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0905	mg/L	1	0.100	90	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0886	mg/L	1	0.100	89	70 - 130

Sample: 432223 - MW 15

Laboratory: Midland
Analysis: BTEX
QC Batch: 133969
Prep Batch: 113573

Analytical Method: S 8021B
Date Analyzed: 2016-11-21
Sample Preparation: 2016-11-21

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

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene	U	3	<0.000504	<0.00100	<0.000504	mg/L	1	0.000504	0.001	0.000504
Toluene	U	3	<0.000621	<0.00100	<0.000621	mg/L	1	0.000621	0.001	0.000621
Ethylbenzene	U	3	<0.000763	<0.00100	<0.000763	mg/L	1	0.000763	0.001	0.000763
Xylene	U	3	<0.000256	<0.00100	<0.000256	mg/L	1	0.000256	0.001	0.000256

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0920	mg/L	1	0.100	92	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0892	mg/L	1	0.100	89	70 - 130

Sample: 432224 - MW 35

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 134086
Prep Batch: 113673

Analytical Method: S 8021B
Date Analyzed: 2016-11-29
Sample Preparation: 2016-11-29

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

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene		1,2,4	0.00100	0.00100	<0.000480	mg/L	1	0.000480	0.001	0.00048

continued ...

sample 432224 continued ...

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Toluene	U	1,2,4	<0.000512	<0.00100	<0.000512	mg/L	1	0.000512	0.001	0.000512
Ethylbenzene		1,2,4	0.00180	0.00180	<0.000616	mg/L	1	0.000616	0.001	0.000616
Xylene		1,2,4	0.00510	0.00510	<0.000358	mg/L	1	0.000358	0.001	0.000358

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.0865	mg/L	1	0.100	86	66.3 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0932	mg/L	1	0.100	93	67.5 - 120

Sample: 432225 - MW 24

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 134006
Prep Batch: 113604

Analytical Method: S 8021B
Date Analyzed: 2016-11-22
Sample Preparation: 2016-11-22

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

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene		1,2,4	0.0270	0.0270	<0.000223	mg/L	1	0.000223	0.001	0.000223
Toluene	U	1,2,4	<0.000238	<0.00100	<0.000238	mg/L	1	0.000238	0.001	0.000238
Ethylbenzene		1,2,4	0.0226	0.0226	<0.000238	mg/L	1	0.000238	0.001	0.000238
Xylene	U	1,2,4	<0.000243	<0.00100	<0.000243	mg/L	1	0.000243	0.001	0.000243

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.0872	mg/L	1	0.100	87	71.6 - 120
4-Bromofluorobenzene (4-BFB)		4	0.100	mg/L	1	0.100	100	70 - 120

Sample: 432226 - MW 10

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 134006
Prep Batch: 113604

Analytical Method: S 8021B
Date Analyzed: 2016-11-22
Sample Preparation: 2016-11-22

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

continued ...

sample 432226 continued ...

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene	J	1,2,4	0.000800	<0.00100	<0.000223	mg/L	1	0.000223	0.001	0.000223
Toluene	U	1,2,4	<0.000238	<0.00100	<0.000238	mg/L	1	0.000238	0.001	0.000238
Ethylbenzene		1,2,4	0.00200	0.00200	<0.000238	mg/L	1	0.000238	0.001	0.000238
Xylene	U	1,2,4	<0.000243	<0.00100	<0.000243	mg/L	1	0.000243	0.001	0.000243

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.0865	mg/L	1	0.100	86	71.6 - 120
4-Bromofluorobenzene (4-BFB)	Q _{sr}	4	0.121	mg/L	1	0.100	121	70 - 120

Sample: 432227 - MW 16

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 134006
Prep Batch: 113604

Analytical Method: S 8021B
Date Analyzed: 2016-11-22
Sample Preparation: 2016-11-22

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

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene		1,2,4	0.0125	0.0125	<0.000223	mg/L	1	0.000223	0.001	0.000223
Toluene		1,2,4	0.00390	0.00390	<0.000238	mg/L	1	0.000238	0.001	0.000238
Ethylbenzene	U	1,2,4	<0.000238	<0.00100	<0.000238	mg/L	1	0.000238	0.001	0.000238
Xylene		1,2,4	0.00260	0.00260	<0.000243	mg/L	1	0.000243	0.001	0.000243

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.0873	mg/L	1	0.100	87	71.6 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0916	mg/L	1	0.100	92	70 - 120

Sample: 432228 - MW 29

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 134006
Prep Batch: 113604

Analytical Method: S 8021B
Date Analyzed: 2016-11-22
Sample Preparation: 2016-11-22

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

Parameter	F	C	SDL Based Result	MQL Based Result	Method Blank Result	Units	Dilution	SDL	MQL (Unadjusted)	MDL (Unadjusted)
Benzene	U	1,2,4	<0.000223	<0.00100	<0.000223	mg/L	1	0.000223	0.001	0.000223
Toluene	U	1,2,4	<0.000238	<0.00100	<0.000238	mg/L	1	0.000238	0.001	0.000238
Ethylbenzene	U	1,2,4	<0.000238	<0.00100	<0.000238	mg/L	1	0.000238	0.001	0.000238
Xylene	U	1,2,4	<0.000243	<0.00100	<0.000243	mg/L	1	0.000243	0.001	0.000243

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.0879	mg/L	1	0.100	88	71.6 - 120
4-Bromofluorobenzene (4-BFB)		4	0.114	mg/L	1	0.100	114	70 - 120

Sample: 432229 - MW 17

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 134006
Prep Batch: 113604

Analytical Method: S 8021B
Date Analyzed: 2016-11-22
Sample Preparation: 2016-11-22

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

Parameter	F	C	SDL Based Result	MQL Based Result	Method Blank Result	Units	Dilution	SDL	MQL (Unadjusted)	MDL (Unadjusted)
Benzene		1,2,4	0.00340	0.00340	<0.000223	mg/L	1	0.000223	0.001	0.000223
Toluene		1,2,4	0.00100	0.00100	<0.000238	mg/L	1	0.000238	0.001	0.000238
Ethylbenzene	U	1,2,4	<0.000238	<0.00100	<0.000238	mg/L	1	0.000238	0.001	0.000238
Xylene		1,2,4	0.00270	0.00270	<0.000243	mg/L	1	0.000243	0.001	0.000243

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.0875	mg/L	1	0.100	88	71.6 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0926	mg/L	1	0.100	93	70 - 120

Sample: 432230 - MW 28

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 134006
Prep Batch: 113604

Analytical Method: S 8021B
Date Analyzed: 2016-11-22
Sample Preparation: 2016-11-22

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

Parameter	F	C	SDL Based Result	MQL Based Result	Method Blank Result	Units	Dilution	SDL	MQL (Unadjusted)	MDL (Unadjusted)
Benzene		1,2,4	0.0977	0.0977	<0.000223	mg/L	1	0.000223	0.001	0.000223

continued ...

sample 432230 continued ...

Parameter	F	C	SDL Based Result	MQL Based Result	Method Blank Result	Units	Dilution	SDL	MQL (Unadjusted)	MDL (Unadjusted)
Toluene	U	1,2,4	<0.000238	<0.00100	<0.000238	mg/L	1	0.000238	0.001	0.000238
Ethylbenzene		1,2,4	0.0507	0.0507	<0.000238	mg/L	1	0.000238	0.001	0.000238
Xylene		1,2,4	0.0100	0.0100	<0.000243	mg/L	1	0.000243	0.001	0.000243

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.0872	mg/L	1	0.100	87	71.6 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0998	mg/L	1	0.100	100	70 - 120

Sample: 432231 - MW 9

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 134006
Prep Batch: 113604

Analytical Method: S 8021B
Date Analyzed: 2016-11-22
Sample Preparation: 2016-11-22

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

Parameter	F	C	SDL Based Result	MQL Based Result	Method Blank Result	Units	Dilution	SDL	MQL (Unadjusted)	MDL (Unadjusted)
Benzene		1,2,4	0.0749	0.0749	<0.000223	mg/L	1	0.000223	0.001	0.000223
Toluene	U	1,2,4	<0.000238	<0.00100	<0.000238	mg/L	1	0.000238	0.001	0.000238
Ethylbenzene		1,2,4	0.00670	0.00670	<0.000238	mg/L	1	0.000238	0.001	0.000238
Xylene		1,2,4	0.00130	0.00130	<0.000243	mg/L	1	0.000243	0.001	0.000243

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.0881	mg/L	1	0.100	88	71.6 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0969	mg/L	1	0.100	97	70 - 120

Sample: 432232 - MW 26

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 134006
Prep Batch: 113604

Analytical Method: S 8021B
Date Analyzed: 2016-11-22
Sample Preparation: 2016-11-22

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

continued ...

sample 432232 continued ...

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene		1,2,4	0.311	0.311	<0.000223	mg/L	1	0.000223	0.001	0.000223
Toluene		1,2,4	0.0241	0.0241	<0.000238	mg/L	1	0.000238	0.001	0.000238
Ethylbenzene		1,2,4	0.125	0.125	<0.000238	mg/L	1	0.000238	0.001	0.000238
Xylene		1,2,4	0.0541	0.0541	<0.000243	mg/L	1	0.000243	0.001	0.000243
Surrogate		F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits	
Trifluorotoluene (TFT)			4	0.0885	mg/L	1	0.100	88	71.6 - 120	
4-Bromofluorobenzene (4-BFB)			4	0.108	mg/L	1	0.100	108	70 - 120	

Sample: 432233 - MW 32

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 134006
Prep Batch: 113604

Analytical Method: S 8021B
Date Analyzed: 2016-11-22
Sample Preparation: 2016-11-22

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

Parameter	F	C	SDL	SQL	Method	Units	Dilution	SDL	SQL	MDL
			Based Result	Based Result	Blank Result				(Unadjusted)	(Unadjusted)
Benzene		1,2,4	0.174	0.174	<0.000223	mg/L	1	0.000223	0.001	0.000223
Toluene		1,2,4	0.00910	0.00910	<0.000238	mg/L	1	0.000238	0.001	0.000238
Ethylbenzene		1,2,4	0.0273	0.0273	<0.000238	mg/L	1	0.000238	0.001	0.000238
Xylene		1,2,4	0.0199	0.0199	<0.000243	mg/L	1	0.000243	0.001	0.000243
Surrogate			F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
				4	0.0874	mg/L	1	0.100	87	71.6 - 120
4-Bromofluorobenzene (4-BFB)				4	0.106	mg/L	1	0.100	106	70 - 120

Sample: 432234 - MW 14

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 134006
Prep Batch: 113604

Analytical Method: S 8021B
Date Analyzed: 2016-11-22
Sample Preparation: 2016-11-22

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

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Benzene		1,2,4	1.47	1.47	<0.00223	mg/L	10	0.00223	0.001	0.000223
Toluene	U	1,2,4	<0.00238	<0.0100	<0.00238	mg/L	10	0.00238	0.001	0.000238
Ethylbenzene	U	1,2,4	<0.00238	<0.0100	<0.00238	mg/L	10	0.00238	0.001	0.000238
Xylene	U	1,2,4	<0.00243	<0.0100	<0.00243	mg/L	10	0.00243	0.001	0.000243

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.923	mg/L	10	1.00	92	71.6 - 120
4-Bromofluorobenzene (4-BFB)		4	1.00	mg/L	10	1.00	100	70 - 120

Sample: 432234 - MW 14

Laboratory: Lubbock
Analysis: PAH
QC Batch: 134053
Prep Batch: 113644

Analytical Method: S 8270D
Date Analyzed: 2016-11-28
Sample Preparation: 2016-11-23

Prep Method: S 3510C
Analyzed By: MN
Prepared By: MN

Parameter	F	C	SDL Based Result	SQL Based Result	Method Blank Result	Units	Dilution	SDL	SQL (Unadjusted)	MDL (Unadjusted)
Naphthalene	U	1,2,4	<0.0000656	<0.000200	<0.0000656	mg/L	1	0.0000656	0.0002	6.56e-05
2-Methylnaphthalene	U	1,2,4	<0.0000516	<0.000200	<0.0000516	mg/L	1	0.0000516	0.0002	5.16e-05
1-Methylnaphthalene	U		<0.0000663	<0.000200	<0.0000663	mg/L	1	0.0000663	0.0002	6.63e-05
Acenaphthylene	U	1,2,4	<0.0000581	<0.000200	<0.0000581	mg/L	1	0.0000581	0.0002	5.81e-05
Acenaphthene	U	1,2,4	<0.0000332	<0.000200	<0.0000332	mg/L	1	0.0000332	0.0002	3.32e-05
Dibenzofuran	U	1,2,4	<0.0000607	<0.000200	<0.0000607	mg/L	1	0.0000607	0.0002	6.07e-05
Fluorene	U	1,2,4	<0.0000788	<0.000200	<0.0000788	mg/L	1	0.0000788	0.0002	7.88e-05
Anthracene	U	1,2,4	<0.0000321	<0.000200	<0.0000321	mg/L	1	0.0000321	0.0002	3.21e-05
Phenanthrene	U	1,2,4	<0.0000516	<0.000200	<0.0000516	mg/L	1	0.0000516	0.0002	5.16e-05
Fluoranthene	U	1,2,4	<0.0000638	<0.000200	<0.0000638	mg/L	1	0.0000638	0.0002	6.38e-05
Pyrene	QC, U	1,2,4	<0.0000415	<0.000200	<0.0000415	mg/L	1	0.0000415	0.0002	4.15e-05
Benzo(a)anthracene	U	1,2,4	<0.0000721	<0.000200	<0.0000721	mg/L	1	0.0000721	0.0002	7.21e-05
Chrysene	U	1,2,4	<0.0000811	<0.000200	<0.0000811	mg/L	1	0.0000811	0.0002	8.11e-05
Benzo(b)fluoranthene	U	1,2,4	<0.0000710	<0.000200	<0.0000710	mg/L	1	0.0000710	0.0002	7.1e-05
Benzo(k)fluoranthene	U	1,2,4	<0.0000561	<0.000200	<0.0000561	mg/L	1	0.0000561	0.0002	5.61e-05
Benzo(a)pyrene	U	1,2,4	<0.0000418	<0.000200	<0.0000418	mg/L	1	0.0000418	0.0002	4.18e-05
Indeno(1,2,3-cd)pyrene	U	1,2,4	<0.0000537	<0.000200	<0.0000537	mg/L	1	0.0000537	0.0002	5.37e-05
Dibenzo(a,h)anthracene	U	1,2,4	<0.0000562	<0.000200	<0.0000562	mg/L	1	0.0000562	0.0002	5.62e-05
Benzo(g,h,i)perylene	U	1,2,4	<0.0000519	<0.000200	<0.0000519	mg/L	1	0.0000519	0.0002	5.19e-05

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5			0.986	mg/L	1	8.00	12	10 - 120
2-Fluorobiphenyl		Qsr	1.13	mg/L	1	8.00	14	35.9 - 120
Terphenyl-d14			2.26	mg/L	1	8.00	28	23.2 - 120

Method Blanks

Method Blank (1)

QC Batch: 133957
Prep Batch: 113528

Date Analyzed: 2016-11-21
QC Preparation: 2016-11-18

Analyzed By: AK
Prepared By: AK

Parameter	F	C	Result	Units	Reporting Limits
Benzene		3	<0.000504	mg/L	0.000504
Toluene		3	<0.000621	mg/L	0.000621
Ethylbenzene		3	<0.000763	mg/L	0.000763
Xylene		3	<0.000256	mg/L	0.000256

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

Method Blank (1)

QC Batch: 133969
Prep Batch: 113573

Date Analyzed: 2016-11-21
QC Preparation: 2016-11-21

Analyzed By: AK
Prepared By: AK

Parameter	F	C	Result	Units	Reporting Limits
Benzene		3	<0.000504	mg/L	0.000504
Toluene		3	<0.000621	mg/L	0.000621
Ethylbenzene		3	<0.000763	mg/L	0.000763
Xylene		3	<0.000256	mg/L	0.000256

Surrogate	F	C	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)			0.0898	mg/L	1	0.100	90	70 - 130

Method Blank (1)

QC Batch: 134006
Prep Batch: 113604

Date Analyzed: 2016-11-22
QC Preparation: 2016-11-22

Analyzed By: MT
Prepared By: MT

Parameter	F	C	Result	Units	Reporting Limits
Benzene		1,2,4	<0.000223	mg/L	0.000223
Toluene		1,2,4	<0.000238	mg/L	0.000238
Ethylbenzene		1,2,4	<0.000238	mg/L	0.000238
Xylene		1,2,4	<0.000243	mg/L	0.000243

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.0922	mg/L	1	0.100	92	71.6 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0959	mg/L	1	0.100	96	70 - 120

Method Blank (1)

QC Batch: 134053
Prep Batch: 113644

Date Analyzed: 2016-11-28
QC Preparation: 2016-11-23

Analyzed By: MN
Prepared By: MN

Parameter	F	C	Result	Units	Reporting Limits
Naphthalene		1,2,4	<0.0000656	mg/L	6.56e-05
2-Methylnaphthalene		1,2,4	<0.0000516	mg/L	5.16e-05
1-Methylnaphthalene			<0.0000663	mg/L	6.63e-05
Acenaphthylene		1,2,4	<0.0000581	mg/L	5.81e-05
Acenaphthene		1,2,4	<0.0000332	mg/L	3.32e-05
Dibenzofuran		1,2,4	<0.0000607	mg/L	6.07e-05
Fluorene		1,2,4	<0.0000788	mg/L	7.88e-05
Anthracene		1,2,4	<0.0000321	mg/L	3.21e-05
Phenanthrene		1,2,4	<0.0000516	mg/L	5.16e-05
Fluoranthene		1,2,4	<0.0000638	mg/L	6.38e-05
Pyrene		1,2,4	<0.0000415	mg/L	4.15e-05
Benzo(a)anthracene		1,2,4	<0.0000721	mg/L	7.21e-05
Chrysene		1,2,4	<0.0000811	mg/L	8.11e-05
Benzo(b)fluoranthene		1,2,4	<0.0000710	mg/L	7.1e-05
Benzo(k)fluoranthene		1,2,4	<0.0000561	mg/L	5.61e-05
Benzo(a)pyrene		1,2,4	<0.0000418	mg/L	4.18e-05
Indeno(1,2,3-cd)pyrene		1,2,4	<0.0000537	mg/L	5.37e-05
Dibenzo(a,h)anthracene		1,2,4	<0.0000562	mg/L	5.62e-05
Benzo(g,h,i)perylene		1,2,4	<0.0000519	mg/L	5.19e-05

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5			3.32	mg/L	1	8.00	42	10 - 120
2-Fluorobiphenyl			3.36	mg/L	1	8.00	42	35.9 - 120
Terphenyl-d14			6.00	mg/L	1	8.00	75	23.2 - 120

Method Blank (1)

QC Batch: 134086
Prep Batch: 113673

Date Analyzed: 2016-11-29
QC Preparation: 2016-11-29

Analyzed By: MT
Prepared By: MT

Parameter	F	C	Result	Units	Reporting Limits
Benzene		1,2,4	<0.000480	mg/L	0.00048
Toluene		1,2,4	<0.000512	mg/L	0.000512
Ethylbenzene		1,2,4	<0.000616	mg/L	0.000616
Xylene		1,2,4	<0.000358	mg/L	0.000358

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4	0.0873	mg/L	1	0.100	87	66.3 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0928	mg/L	1	0.100	93	67.5 - 120

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 133957
Prep Batch: 113528

Date Analyzed: 2016-11-21
QC Preparation: 2016-11-18

Analyzed By: AK
Prepared By: AK

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		3	0.104	mg/L	1.06	0.100	<0.000534	104	70 - 130
Toluene		3	0.0999	mg/L	1.06	0.100	<0.000658	100	70 - 130
Ethylbenzene		3	0.105	mg/L	1.06	0.100	<0.000809	105	70 - 130
Xylene		3	0.317	mg/L	1.06	0.300	<0.000271	106	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		3	0.101	mg/L	1.06	0.100	<0.000534	101	70 - 130	3	20
Toluene		3	0.0967	mg/L	1.06	0.100	<0.000658	97	70 - 130	3	20
Ethylbenzene		3	0.101	mg/L	1.06	0.100	<0.000809	101	70 - 130	4	20
Xylene		3	0.309	mg/L	1.06	0.300	<0.000271	103	70 - 130	3	20

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

Surrogate	F	C	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)			0.0981	0.0978	mg/L	1.06	0.100	98	98	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0999	0.100	mg/L	1.06	0.100	100	100	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 133969
Prep Batch: 113573

Date Analyzed: 2016-11-21
QC Preparation: 2016-11-21

Analyzed By: AK
Prepared By: AK

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		3	0.100	mg/L	1	0.100	<0.000504	100	70 - 130
Toluene		3	0.0973	mg/L	1	0.100	<0.000621	97	70 - 130
Ethylbenzene		3	0.102	mg/L	1	0.100	<0.000763	102	70 - 130
Xylene		3	0.309	mg/L	1	0.300	<0.000256	103	70 - 130

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

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control spikes continued ...

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		3	0.100	mg/L	1	0.100	<0.000504	100	70 - 130	0	20
Toluene		3	0.0959	mg/L	1	0.100	<0.000621	96	70 - 130	1	20
Ethylbenzene		3	0.100	mg/L	1	0.100	<0.000763	100	70 - 130	2	20
Xylene		3	0.305	mg/L	1	0.300	<0.000256	102	70 - 130	1	20

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

Surrogate	F	C	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)			0.0974	0.0935	mg/L	1	0.100	97	94	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0988	0.0972	mg/L	1	0.100	99	97	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 134006
Prep Batch: 113604

Date Analyzed: 2016-11-22
QC Preparation: 2016-11-22

Analyzed By: MT
Prepared By: MT

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1,2,4	0.0950	mg/L	1	0.100	<0.000223	95	78.9 - 120
Toluene		1,2,4	0.0971	mg/L	1	0.100	<0.000238	97	79.8 - 120
Ethylbenzene		1,2,4	0.0973	mg/L	1	0.100	<0.000238	97	79.7 - 120
Xylene		1,2,4	0.299	mg/L	1	0.300	<0.000243	100	78.2 - 120

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

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1,2,4	0.0943	mg/L	1	0.100	<0.000223	94	78.9 - 120	1	20
Toluene		1,2,4	0.0965	mg/L	1	0.100	<0.000238	96	79.8 - 120	1	20
Ethylbenzene		1,2,4	0.0963	mg/L	1	0.100	<0.000238	96	79.7 - 120	1	20
Xylene		1,2,4	0.296	mg/L	1	0.300	<0.000243	98	78.2 - 120	1	20

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

Surrogate	F	C	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)		4	0.0922	0.0918	mg/L	1	0.100	92	92	71.6 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0969	0.0979	mg/L	1	0.100	97	98	70 - 120

Laboratory Control Spike (LCS-1)

QC Batch: 134053
Prep Batch: 113644

Date Analyzed: 2016-11-28
QC Preparation: 2016-11-23

Analyzed By: MN
Prepared By: MN

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Naphthalene		1,2,4	4.74	mg/L	1	8.00	<0.0000656	59	49.7 - 120
2-Methylnaphthalene		1,2,4	5.42	mg/L	1	8.00	<0.0000516	68	44.6 - 120
1-Methylnaphthalene			13.2	mg/L	1	8.00	<0.0000663	165	10 - 189
Acenaphthylene		1,2,4	6.66	mg/L	1	8.00	<0.0000581	83	40.9 - 120
Acenaphthene		1,2,4	6.28	mg/L	1	8.00	<0.0000332	78	49.9 - 120
Dibenzofuran		1,2,4	6.24	mg/L	1	8.00	<0.0000607	78	34 - 120
Fluorene		1,2,4	6.16	mg/L	1	8.00	<0.0000788	77	49.7 - 120
Anthracene		1,2,4	10.9	mg/L	1	8.00	<0.0000321	136	11.4 - 155
Phenanthrene		1,2,4	5.47	mg/L	1	8.00	<0.0000516	68	41 - 120
Fluoranthene		1,2,4	4.46	mg/L	1	8.00	<0.0000638	56	35.7 - 120
Pyrene		1,2,4	9.62	mg/L	1	8.00	<0.0000415	120	19.5 - 139
Benzo(a)anthracene		1,2,4	6.02	mg/L	1	8.00	<0.0000721	75	53.4 - 120
Chrysene		1,2,4	6.20	mg/L	1	8.00	<0.0000811	78	10 - 170
Benzo(b)fluoranthene		1,2,4	5.42	mg/L	1	8.00	<0.0000710	68	29.2 - 120
Benzo(k)fluoranthene		1,2,4	6.44	mg/L	1	8.00	<0.0000561	80	23.4 - 120
Benzo(a)pyrene		1,2,4	7.14	mg/L	1	8.00	<0.0000418	89	23.4 - 120
Indeno(1,2,3-cd)pyrene		1,2,4	4.02	mg/L	1	8.00	<0.0000537	50	10 - 129
Dibenzo(a,h)anthracene	Qs	1,2,4	24.3	mg/L	1	8.00	<0.0000562	304	10 - 174
Benzo(g,h,i)perylene		1,2,4	6.91	mg/L	1	8.00	<0.0000519	86	30.6 - 120

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

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Naphthalene		1,2,4	4.82	mg/L	1	8.00	<0.0000656	60	49.7 - 120	2	20
2-Methylnaphthalene		1,2,4	5.60	mg/L	1	8.00	<0.0000516	70	44.6 - 120	3	20
1-Methylnaphthalene			13.7	mg/L	1	8.00	<0.0000663	171	10 - 189	4	20
Acenaphthylene		1,2,4	6.90	mg/L	1	8.00	<0.0000581	86	40.9 - 120	4	20
Acenaphthene		1,2,4	6.48	mg/L	1	8.00	<0.0000332	81	49.9 - 120	3	20
Dibenzofuran		1,2,4	6.44	mg/L	1	8.00	<0.0000607	80	34 - 120	3	20
Fluorene		1,2,4	6.40	mg/L	1	8.00	<0.0000788	80	49.7 - 120	4	20
Anthracene		1,2,4	11.2	mg/L	1	8.00	<0.0000321	140	11.4 - 155	3	20
Phenanthrene		1,2,4	5.55	mg/L	1	8.00	<0.0000516	69	41 - 120	1	20
Fluoranthene		1,2,4	4.56	mg/L	1	8.00	<0.0000638	57	35.7 - 120	2	20
Pyrene		1,2,4	9.72	mg/L	1	8.00	<0.0000415	122	19.5 - 139	1	20
Benzo(a)anthracene		1,2,4	6.08	mg/L	1	8.00	<0.0000721	76	53.4 - 120	1	20
Chrysene		1,2,4	6.06	mg/L	1	8.00	<0.0000811	76	10 - 170	2	20
Benzo(b)fluoranthene		1,2,4	5.66	mg/L	1	8.00	<0.0000710	71	29.2 - 120	4	20
Benzo(k)fluoranthene		1,2,4	6.83	mg/L	1	8.00	<0.0000561	85	23.4 - 120	6	20
Benzo(a)pyrene		1,2,4	7.33	mg/L	1	8.00	<0.0000418	92	23.4 - 120	3	20
Indeno(1,2,3-cd)pyrene		1,2,4	4.08	mg/L	1	8.00	<0.0000537	51	10 - 129	2	20
Dibenzo(a,h)anthracene	Qs	1,2,4	25.5	mg/L	1	8.00	<0.0000562	319	10 - 174	5	20
Benzo(g,h,i)perylene		1,2,4	7.23	mg/L	1	8.00	<0.0000519	90	30.6 - 120	4	20

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

Surrogate	F	C	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Nitrobenzene-d5			3.18	3.11	mg/L	1	8.00	40	39	10 - 120
2-Fluorobiphenyl			3.72	3.80	mg/L	1	8.00	46	48	35.9 - 120
Terphenyl-d14			6.93	6.89	mg/L	1	8.00	87	86	23.2 - 120

Laboratory Control Spike (LCS-1)

QC Batch: 134086
Prep Batch: 113673

Date Analyzed: 2016-11-29
QC Preparation: 2016-11-29

Analyzed By: MT
Prepared By: MT

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1,2,4	0.0925	mg/L	1	0.100	<0.000480	92	74.5 - 120
Toluene		1,2,4	0.0919	mg/L	1	0.100	<0.000512	92	74.3 - 120
Ethylbenzene		1,2,4	0.0926	mg/L	1	0.100	<0.000616	93	73.6 - 120
Xylene		1,2,4	0.278	mg/L	1	0.300	<0.000358	93	73.4 - 120

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

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1,2,4	0.0895	mg/L	1	0.100	<0.000480	90	74.5 - 120	3	20
Toluene		1,2,4	0.0901	mg/L	1	0.100	<0.000512	90	74.3 - 120	2	20
Ethylbenzene		1,2,4	0.0906	mg/L	1	0.100	<0.000616	91	73.6 - 120	2	20
Xylene		1,2,4	0.272	mg/L	1	0.300	<0.000358	90	73.4 - 120	2	20

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

Surrogate	F	C	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)		4	0.0884	0.0901	mg/L	1	0.100	88	90	66.3 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0980	0.0994	mg/L	1	0.100	98	99	67.5 - 120

Matrix Spikes

Matrix Spike (MS-1) Spiked Sample: 432205

QC Batch: 133957
Prep Batch: 113528

Date Analyzed: 2016-11-21
QC Preparation: 2016-11-18

Analyzed By: AK
Prepared By: AK

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		3	0.0945	mg/L	1	0.100	<0.000504	94	70 - 130
Toluene		3	0.0899	mg/L	1	0.100	<0.000621	90	70 - 130
Ethylbenzene		3	0.0893	mg/L	1	0.100	<0.000763	89	70 - 130
Xylene		3	0.268	mg/L	1	0.300	<0.000256	89	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		3	0.0962	mg/L	1	0.100	<0.000504	96	70 - 130	2	20
Toluene		3	0.0911	mg/L	1	0.100	<0.000621	91	70 - 130	1	20
Ethylbenzene		3	0.0945	mg/L	1	0.100	<0.000763	94	70 - 130	6	20
Xylene		3	0.289	mg/L	1	0.300	<0.000256	96	70 - 130	8	20

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

Surrogate	F	C	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)			0.0922	0.0936	mg/L	1	0.1	92	94	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0928	0.0927	mg/L	1	0.1	93	93	70 - 130

Matrix Spike (MS-1) Spiked Sample: 432223

QC Batch: 133969
Prep Batch: 113573

Date Analyzed: 2016-11-21
QC Preparation: 2016-11-21

Analyzed By: AK
Prepared By: AK

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		3	0.0975	mg/L	1	0.100	<0.000504	98	70 - 130
Toluene		3	0.0922	mg/L	1	0.100	<0.000621	92	70 - 130
Ethylbenzene		3	0.0920	mg/L	1	0.100	<0.000763	92	70 - 130
Xylene		3	0.277	mg/L	1	0.300	<0.000256	92	70 - 130

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

continued ...

matrix spikes continued ...

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		3	0.101	mg/L	1	0.100	<0.000504	101	70 - 130	4	20
Toluene		3	0.0955	mg/L	1	0.100	<0.000621	96	70 - 130	4	20
Ethylbenzene		3	0.0995	mg/L	1	0.100	<0.000763	100	70 - 130	8	20
Xylene		3	0.303	mg/L	1	0.300	<0.000256	101	70 - 130	9	20

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

Surrogate	F	C	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)			0.0970	0.0961	mg/L	1	0.1	97	96	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0974	0.0977	mg/L	1	0.1	97	98	70 - 130

Matrix Spike (MS-1) Spiked Sample: 432299

QC Batch: 134006
Prep Batch: 113604

Date Analyzed: 2016-11-22
QC Preparation: 2016-11-22

Analyzed By: MT
Prepared By: MT

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1,2,4	0.479	mg/L	5	0.500	0.0164	92	18.2 - 149
Toluene		1,2,4	0.477	mg/L	5	0.500	<0.00119	95	13 - 157
Ethylbenzene		1,2,4	0.494	mg/L	5	0.500	0.0172	95	12.9 - 156
Xylene		1,2,4	1.48	mg/L	5	1.50	0.0031	98	22 - 150

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		1,2,4	0.480	mg/L	5	0.500	0.0164	93	18.2 - 149	0	20
Toluene		1,2,4	0.480	mg/L	5	0.500	<0.00119	96	13 - 157	1	20
Ethylbenzene		1,2,4	0.494	mg/L	5	0.500	0.0172	95	12.9 - 156	0	20
Xylene		1,2,4	1.47	mg/L	5	1.50	0.0031	98	22 - 150	1	20

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

Surrogate	F	C	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)		4	0.466	0.472	mg/L	5	0.5	93	94	71.6 - 120
4-Bromofluorobenzene (4-BFB)		4	0.495	0.500	mg/L	5	0.5	99	100	70 - 120

Matrix Spike (MS-1) Spiked Sample: 432676

QC Batch: 134086
Prep Batch: 113673

Date Analyzed: 2016-11-29
QC Preparation: 2016-11-29

Analyzed By: MT
Prepared By: MT

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1,2,4	0.413	mg/L	1	0.100	0.369	44	15.1 - 147
Toluene	Qs	1,2,4	0.932	mg/L	1	0.100	0.94	-8	11.8 - 147
Ethylbenzene		1,2,4	0.127	mg/L	1	0.100	0.0426	84	10 - 149
Xylene		1,2,4	0.714	mg/L	1	0.300	0.464	83	10 - 149

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		1,2,4	0.402	mg/L	1	0.100	0.369	33	15.1 - 147	3	20
Toluene	Qs	1,2,4	0.905	mg/L	1	0.100	0.94	-35	11.8 - 147	3	20
Ethylbenzene		1,2,4	0.125	mg/L	1	0.100	0.0426	82	10 - 149	2	20
Xylene		1,2,4	0.695	mg/L	1	0.300	0.464	77	10 - 149	3	20

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

Surrogate	F	C	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)		4	0.0911	0.0905	mg/L	1	0.1	91	90	66.3 - 120
4-Bromofluorobenzene (4-BFB)		4	0.0985	0.0926	mg/L	1	0.1	98	93	67.5 - 120

Calibration Standards

Standard (CCV-1)

QC Batch: 133957

Date Analyzed: 2016-11-21

Analyzed By: AK

Param	F	C	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		3	mg/L	0.100	0.0992	99	80 - 120	2016-11-21
Toluene		3	mg/L	0.100	0.0942	94	80 - 120	2016-11-21
Ethylbenzene		3	mg/L	0.100	0.0934	93	80 - 120	2016-11-21
Xylene		3	mg/L	0.300	0.283	94	80 - 120	2016-11-21

Standard (CCV-2)

QC Batch: 133957

Date Analyzed: 2016-11-21

Analyzed By: AK

Param	F	C	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		3	mg/L	0.100	0.100	100	80 - 120	2016-11-21
Toluene		3	mg/L	0.100	0.0958	96	80 - 120	2016-11-21
Ethylbenzene		3	mg/L	0.100	0.0963	96	80 - 120	2016-11-21
Xylene		3	mg/L	0.300	0.288	96	80 - 120	2016-11-21

Standard (CCV-3)

QC Batch: 133957

Date Analyzed: 2016-11-21

Analyzed By: AK

Param	F	C	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		3	mg/L	0.100	0.0972	97	80 - 120	2016-11-21
Toluene		3	mg/L	0.100	0.0936	94	80 - 120	2016-11-21
Ethylbenzene		3	mg/L	0.100	0.0939	94	80 - 120	2016-11-21
Xylene		3	mg/L	0.300	0.279	93	80 - 120	2016-11-21

Standard (CCV-1)

QC Batch: 133969

Date Analyzed: 2016-11-21

Analyzed By: AK

Param	F	C	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		3	mg/L	0.100	0.103	103	80 - 120	2016-11-21
Toluene		3	mg/L	0.100	0.0994	99	80 - 120	2016-11-21
Ethylbenzene		3	mg/L	0.100	0.0993	99	80 - 120	2016-11-21
Xylene		3	mg/L	0.300	0.297	99	80 - 120	2016-11-21

Standard (CCV-2)

QC Batch: 133969

Date Analyzed: 2016-11-21

Analyzed By: AK

Param	F	C	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		3	mg/L	0.100	0.0954	95	80 - 120	2016-11-21
Toluene		3	mg/L	0.100	0.0910	91	80 - 120	2016-11-21
Ethylbenzene		3	mg/L	0.100	0.0949	95	80 - 120	2016-11-21
Xylene		3	mg/L	0.300	0.290	97	80 - 120	2016-11-21

Standard (CCV-1)

QC Batch: 134006

Date Analyzed: 2016-11-22

Analyzed By: MT

Param	F	C	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,4	mg/L	0.100	0.0931	93	80 - 120	2016-11-22
Toluene		1,2,4	mg/L	0.100	0.0952	95	80 - 120	2016-11-22
Ethylbenzene		1,2,4	mg/L	0.100	0.0951	95	80 - 120	2016-11-22
Xylene		1,2,4	mg/L	0.300	0.291	97	80 - 120	2016-11-22

Standard (CCV-2)

QC Batch: 134006

Date Analyzed: 2016-11-22

Analyzed By: MT

Param	F	C	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,4	mg/L	0.100	0.0936	94	80 - 120	2016-11-22
Toluene		1,2,4	mg/L	0.100	0.0957	96	80 - 120	2016-11-22
Ethylbenzene		1,2,4	mg/L	0.100	0.0962	96	80 - 120	2016-11-22
Xylene		1,2,4	mg/L	0.300	0.289	96	80 - 120	2016-11-22

Standard (CCV-3)

QC Batch: 134006

Date Analyzed: 2016-11-22

Analyzed By: MT

Param	F	C	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,4	mg/L	0.100	0.0913	91	80 - 120	2016-11-22
Toluene		1,2,4	mg/L	0.100	0.0933	93	80 - 120	2016-11-22
Ethylbenzene		1,2,4	mg/L	0.100	0.0928	93	80 - 120	2016-11-22
Xylene		1,2,4	mg/L	0.300	0.284	95	80 - 120	2016-11-22

Standard (CCV-1)

QC Batch: 134053

Date Analyzed: 2016-11-28

Analyzed By: MN

Param	F	C	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Naphthalene		1,2,4	mg/L	60.0	64.0	107	80 - 120	2016-11-28
2-Methylnaphthalene		1,2,4	mg/L	60.0	70.7	118	80 - 120	2016-11-28
1-Methylnaphthalene			mg/L	60.0	64.9	108	80 - 120	2016-11-28
Acenaphthylene		1,2,4	mg/L	60.0	69.6	116	80 - 120	2016-11-28
Acenaphthene		1,2,4	mg/L	60.0	69.2	115	80 - 120	2016-11-28
Dibenzofuran		1,2,4	mg/L	60.0	67.8	113	80 - 120	2016-11-28
Fluorene		1,2,4	mg/L	60.0	68.4	114	80 - 120	2016-11-28
Anthracene		1,2,4	mg/L	60.0	64.8	108	80 - 120	2016-11-28
Phenanthrene		1,2,4	mg/L	60.0	63.8	106	80 - 120	2016-11-28
Fluoranthene		1,2,4	mg/L	60.0	53.8	90	80 - 120	2016-11-28
Pyrene	Qc	1,2,4	mg/L	60.0	72.7	121	80 - 120	2016-11-28
Benzo(a)anthracene		1,2,4	mg/L	60.0	59.7	100	80 - 120	2016-11-28
Chrysene		1,2,4	mg/L	60.0	60.0	100	80 - 120	2016-11-28
Benzo(b)fluoranthene		1,2,4	mg/L	60.0	66.3	110	80 - 120	2016-11-28
Benzo(k)fluoranthene		1,2,4	mg/L	60.0	52.4	87	80 - 120	2016-11-28
Benzo(a)pyrene		1,2,4	mg/L	60.0	54.7	91	80 - 120	2016-11-28
Indeno(1,2,3-cd)pyrene		1,2,4	mg/L	60.0	54.5	91	80 - 120	2016-11-28
Dibenzo(a,h)anthracene		1,2,4	mg/L	60.0	50.5	84	80 - 120	2016-11-28
Benzo(g,h,i)perylene		1,2,4	mg/L	60.0	54.6	91	80 - 120	2016-11-28

Surrogate	F	C	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limit
Nitrobenzene-d5			75.2	mg/L	1	60.0	125	-
2-Fluorobiphenyl			61.5	mg/L	1	60.0	102	-
Terphenyl-d14			62.1	mg/L	1	60.0	104	-

Standard (CCV-1)

QC Batch: 134086

Date Analyzed: 2016-11-29

Analyzed By: MT

Param	F	C	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,4	mg/L	0.100	0.0920	92	80 - 120	2016-11-29
Toluene		1,2,4	mg/L	0.100	0.0911	91	80 - 120	2016-11-29
Ethylbenzene		1,2,4	mg/L	0.100	0.0902	90	80 - 120	2016-11-29
Xylene		1,2,4	mg/L	0.300	0.272	91	80 - 120	2016-11-29

Standard (CCV-2)

QC Batch: 134086

Date Analyzed: 2016-11-29

Analyzed By: MT

Param	F	C	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1,2,4	mg/L	0.100	0.0938	94	80 - 120	2016-11-29
Toluene		1,2,4	mg/L	0.100	0.0936	94	80 - 120	2016-11-29
Ethylbenzene		1,2,4	mg/L	0.100	0.0930	93	80 - 120	2016-11-29
Xylene		1,2,4	mg/L	0.300	0.278	93	80 - 120	2016-11-29

Limits of Detection (LOD)

Test	Method	Matrix	Instrument	Analyte	Spike Amount	Pass
BTEX	S 8021B	water	BTEX-2	Benzene	0.00105	Pass
BTEX	S 8021B	water	BTEX-2	Benzene	0.000768	Pass
BTEX	S 8021B	water	BTEX-2	Toluene	0.000768	Pass
BTEX	S 8021B	water	BTEX-2	Toluene	0.00105	Pass
BTEX	S 8021B	water	BTEX-2	Ethylbenzene	0.00105	Pass
BTEX	S 8021B	water	BTEX-2	Ethylbenzene	0.000768	Pass
BTEX	S 8021B	water	BTEX-2	Xylene	0.000768	Pass
BTEX	S 8021B	water	BTEX-2	Xylene	0.00105	Pass
BTEX	S 8021B	water	GC-9	Benzene	0.000650	Pass
BTEX	S 8021B	water	GC-9	Toluene	0.000650	Pass
BTEX	S 8021B	water	GC-9	Ethylbenzene	0.000650	Pass
BTEX	S 8021B	water	GC-9	Xylene	0.000650	Pass
PAH	S 8270D	water	6890 Semi	Naphthalene	0.00150	Pass
PAH	S 8270D	water	6890 Semi	2-Methylnaphthalene	0.00150	Pass
PAH	S 8270D	water	6890 Semi	1-Methylnaphthalene	0.00150	Pass
PAH	S 8270D	water	6890 Semi	Acenaphthylene	0.00150	Pass
PAH	S 8270D	water	6890 Semi	Acenaphthene	0.00150	Pass
PAH	S 8270D	water	6890 Semi	Dibenzofuran	0.00150	Pass
PAH	S 8270D	water	6890 Semi	Fluorene	0.00150	Pass
PAH	S 8270D	water	6890 Semi	Anthracene	0.00150	Pass
PAH	S 8270D	water	6890 Semi	Phenanthrene	0.00150	Pass
PAH	S 8270D	water	6890 Semi	Fluoranthene	0.00150	Pass
PAH	S 8270D	water	6890 Semi	Pyrene	0.00150	Pass
PAH	S 8270D	water	6890 Semi	Benzo(a)anthracene	0.00150	Pass
PAH	S 8270D	water	6890 Semi	Chrysene	0.00150	Pass
PAH	S 8270D	water	6890 Semi	Benzo(b)fluoranthene	0.00150	Pass
PAH	S 8270D	water	6890 Semi	Benzo(k)fluoranthene	0.00150	Pass
PAH	S 8270D	water	6890 Semi	Benzo(a)pyrene	0.00150	Pass
PAH	S 8270D	water	6890 Semi	Indeno(1,2,3-cd)pyrene	0.00150	Pass
PAH	S 8270D	water	6890 Semi	Dibenzo(a,h)anthracene	0.00150	Pass
PAH	S 8270D	water	6890 Semi	Benzo(g,h,i)perylene	0.00150	Pass

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	Kansas	Kansas E-10317	Lubbock
2	NELAP	T104704219-16-13	Lubbock
3	NELAP	T104704392-14-8	Midland
4		2016-148	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 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 Dilution due to excess soil in VOA.

Attachments

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

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

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

email: lab@traceanalysis.com

Company Name: TRC Solutions Phone #: 432-520-7720
Address: 2057 Commerce Dr Midland Tx 79703 Fax #: 432-689-6313
Contact Person: Curt Stanley E-mail:

Invoice to: Plains
(If different from above)
Project #: TNM SPS-11 Project Name: SPS-11
Project Location (including state): Midland Sampler Signature: [Signature]

Project Location (including state): Midland

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
432204	MW 13	3	VOAX				X			X		11/15/16	1100
205	MW 19											11/17	
206	MW 2											1200	
207	MW 21											1216	
208	MW 23											1239	
209	MW 25											1305	
210	MW 3											1341	
211	MW 30											1401	
212	MW 31											1416	
213	MW 18											1431	
214	MW 33											1452	

Relinquished by: [Signature] Company: TRC Date: 11-18-16 Time: 0824
Relinquished by: [Signature] Company: TA Date: 11-18-16 Time: 08:24
Relinquished by: Holly Taylor Company: TA Date: 11-18-16 Time: 1000

ANALYSIS REQUEST (Circle or Specify Method No.)													
MTBE	8021 / 602 / 8260 / 624												
BTEX	8027 / 602 / 8260 / 624	X											
TPH 418.1 / TX1005 / TX1005 Ext(C35)													
TPH 8015 GRO / DRO / TVHC													
PAH 8270 / 625													
Total Metals Ag As Ba Cd Cr Pb Se Hg 6010/200.7													
TCLP Metals Ag As Ba Cd Cr Pb Se Hg													
TCLP Volatiles													
TCLP Semi Volatiles													
TCLP Pesticides													
RCI													
GC/MS Vol. 8260 / 624													
GC/MS Semi. Vol. 8270 / 625													
PCBs 8082 / 608													
Pesticides 8081 / 608													
BOD, TSS, pH													
Moisture Content													
Cl, F, SO ₄ , NO ₃ -N, NO ₂ -N, PO ₄ -P, Alkalinity													
Na, Ca, Mg, K, TDS, EC													
Turn Around Time if different from standard													

LAB USE ONLY
Intact (X) / N/A
Headspace Y / N/A
Log-In-Review
Dry Weight Basis Required
TRRP Report Required
Check if Special Reporting Limits Are Needed

REMARKS:

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) 392-4508

email: lab@traceanalysis.com

Company Name:	TRC Solutions	Phone #:	432) 520 7720
Address:	(Street, City, Zip) 2057 Commerce Dr Midland TX 79703	Fax #:	
Contact Person:	Cut Stanley	E-mail:	
Invoice to:	Plains		
Project #:	TNM SPS-11	Project Name:	SPS-11
Project Location (including state):		Sampler Signature:	<i>Manuel</i>

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX				PRESERVATIVE METHOD						DATE	SAMPLING TIME
				WATER	SOIL	AIR	SLUDGE	HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE	NONE		
432215	mw 34	3	6A X	X				X				X	11/9/16	1510	
216	mw 36	1												1527	
217	mw 37													1600	
218	mw 38													1619	
219	mw 39													1646	
220	mw 40													1707	
221	mw 6													1748	
222	mw 12													1804	
223	mw 15												11/16/16	1037	
224	mw 35												11/16/16	1108	
225	mw 22												11/16/16	1126	

Relinquished by:	Manuel	Company:	TRC	Date:	11-18-16	Time:	16:08	Received by:	<i>Manuel</i>	Company:	TH	Date:	11-18-16	Time:	08:24
Relinquished by:		Company:		Date:		Time:		Received by:		Company:		Date:		Time:	
Relinquished by:		Company:		Date:		Time:		Received by:		Company:		Date:		Time:	

REMARKS:

LAB USE ONLY

INITIALS

Headspace Y / N / NA

Log-In-Review

Inst °C

OBS °C

COR °C

Inst °C

OBS °C

COR °C

Inst °C

OBS °C

COR °C

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

Carrier #

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

ORIGINAL COPY

Carry on LS 24403841

Historic Tables

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

	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

	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

	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

	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

	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

	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

	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

	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

	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	01/03/14	3859.08	60.45	61.47	1.02	3798.48
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

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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	10/22/12	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 - 1	01/07/15	3859.08	60.66	62.04	1.38	3798.21
MW - 1	01/15/15	3859.08	60.70	61.70	1.00	3798.23
MW - 1	02/05/15	3859.08	60.64	62.08	1.44	3798.22
MW - 1	02/11/15	3859.08	60.71	61.70	0.99	3798.22
MW - 1	02/20/15	3859.08	60.66	62.08	1.42	3798.21
MW - 1	03/06/15	3859.08	60.67	61.94	1.27	3798.22
MW - 1	03/11/15	3859.08	60.74	61.71	0.97	3798.19
MW - 1	03/13/15	3859.08	61.72	62.79	1.07	3797.20
MW - 1	03/17/15	3859.08	60.78	61.58	0.80	3798.18
MW - 1	04/01/15	3859.08	61.72	62.85	1.13	3797.19
MW - 1	04/09/15	3859.08	60.78	61.76	0.98	3798.15
MW - 1	04/15/15	3859.08	60.79	61.52	0.73	3798.18
MW - 1	04/17/15	3859.08	60.87	61.27	0.40	3798.15
MW - 1	04/28/15	3859.08	60.81	61.74	0.93	3798.13
MW - 1	05/19/15	3859.08	60.74	62.11	1.37	3798.13
MW - 1	06/02/15	3859.08	60.68	62.53	1.85	3798.12
MW - 1	06/11/15	3859.08	60.83	61.80	0.97	3798.10
MW - 1	06/17/15	3859.08	60.85	61.65	0.80	3798.11
MW - 1	06/25/15	3859.08	60.85	61.70	0.85	3798.10
MW - 1	07/01/15	3859.08	60.89	61.56	0.67	3798.09
MW - 1	07/08/15	3859.08	60.89	61.59	0.70	3798.09
MW - 1	07/15/15	3859.08	60.90	61.60	0.70	3798.08
MW - 1	07/22/15	3859.08	60.74	62.09	1.35	3798.14

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	07/29/15	3859.08	60.80	62.15	1.35	3798.08
MW - 1	07/31/15	3859.08	60.91	61.58	0.67	3798.07
MW - 1	08/06/15	3859.08	60.87	61.84	0.97	3798.06
MW - 1	08/12/15	3859.08	60.90	61.71	0.81	3798.06
MW - 1	08/17/15	3859.08	60.87	61.78	0.91	3798.07
MW - 1	08/19/15	3859.08	60.82	60.91	0.09	3798.25
MW - 1	08/27/15	3859.08	60.90	61.82	0.92	3798.04
MW - 1	09/03/15	3859.08	60.95	61.52	0.57	3798.04
MW - 1	09/09/15	3859.08	60.96	61.38	0.42	3798.06
MW - 1	09/11/15	3859.08	61.03	61.23	0.20	3798.02
MW - 1	09/15/15	3859.08	60.98	61.40	0.42	3798.04
MW - 1	09/22/15	3859.08	60.96	61.55	0.59	3798.03
MW - 1	09/30/15	3859.08	60.95	61.68	0.73	3798.02
MW - 1	10/06/15	3859.08	60.97	61.66	0.69	3798.01
MW - 1	10/13/15	3859.08	60.99	61.52	0.53	3798.01
MW - 1	10/22/15	3859.08	61.01	61.57	0.56	3797.99
MW - 1	10/27/15	3859.08	61.00	61.59	0.59	3797.99
MW - 1	11/11/15	3859.08	60.96	61.93	0.97	3797.97
MW - 1	11/18/15	3859.08	60.98	62.09	1.11	3797.93
MW - 1	12/03/15	3859.08	60.87	62.67	1.80	3797.94
MW - 1	12/10/15	3859.08	60.94	62.30	1.36	3797.94
MW - 1	12/22/15	3859.08	60.92	62.30	1.38	3797.95
MW - 1	01/08/16	3859.08	60.96	62.38	1.42	3797.91
MW - 1	01/14/16	3859.08	60.93	62.43	1.50	3797.93
MW - 1	01/28/16	3859.08	60.91	62.63	1.72	3797.91
MW - 1	02/02/16	3859.08	61.12	61.51	0.39	3797.90
MW - 1	02/09/16	3859.08	61.08	61.79	0.71	3797.89
MW - 1	03/02/16	3859.08	60.95	62.60	1.65	3797.88
MW - 1	03/09/16	3859.08	61.08	61.98	0.90	3797.87
MW - 1	03/17/16	3859.08	61.04	62.30	1.26	3797.85
MW - 1	04/06/16	3859.08	61.06	62.17	1.11	3797.85
MW - 1	04/13/16	3859.08	61.15	61.67	0.52	3797.85
MW - 1	04/20/16	3859.08	61.07	61.96	0.89	3797.88
MW - 1	04/27/16	3859.08	61.17	61.66	0.49	3797.84
MW - 1	04/28/16	3859.08	61.17	61.66	0.49	3797.84
MW - 1	05/05/16	3859.08	61.18	61.70	0.52	3797.82
MW - 1	05/10/16	3859.08	61.18	62.96	1.78	3797.63
MW - 1	06/08/16	3859.08	61.03	63.33	2.30	3797.71
MW - 1	06/15/16	3859.08	61.22	61.70	0.48	3797.79
MW - 1	06/21/16	3859.08	61.20	61.82	0.62	3797.79
MW - 1	06/30/16	3859.08	61.18	62.04	0.86	3797.77
MW - 1	07/01/16	3859.08	61.18	62.04	0.86	3797.77

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	07/07/16	3859.08	61.24	61.86	0.62	3797.75
MW - 1	07/15/16	3859.08	61.23	61.93	0.70	3797.75
MW - 1	07/21/16	3859.08	61.23	61.99	0.76	3797.74
MW - 1	07/28/16	3859.08	61.25	61.91	0.66	3797.73
MW - 1	08/09/16	3859.08	61.21	62.25	1.04	3797.71
MW - 1	08/12/16	3859.08	61.19	62.35	1.16	3797.72
MW - 1	08/16/16	3859.08	61.24	62.04	0.80	3797.72
MW - 1	08/25/16	3859.08	61.25	62.06	0.81	3797.71
MW - 1	09/01/16	3859.08	61.28	61.95	0.67	3797.70
MW - 1	09/08/16	3859.08	61.23	62.27	1.04	3797.69
MW - 1	9/14/16-9/15/2016	3859.08	61.24	62.26	1.02	3797.69
MW - 1	09/22/16	3859.08	61.27	62.19	0.92	3797.67
MW - 1	09/29/16	3859.08	61.30	62.17	0.87	3797.65
MW - 1	10/06/16	3859.08	61.31	62.12	0.81	3797.65
MW - 1	10/13/16	3859.08	61.33	62.17	0.84	3797.62
MW - 1	10/20/16	3859.08	61.36	62.03	0.67	3797.62
MW - 1	10/27/16	3859.08	61.35	62.04	0.69	3797.63
MW - 1	11/10/16	3859.08	61.32	62.44	1.12	3797.59
MW - 1	11/16/16	3859.08	61.28	62.70	1.42	3797.59
MW - 1	11/23/16	3859.08	61.25	62.95	1.70	3797.58
MW - 1	12/09/16	3859.08	61.23	63.13	1.90	3797.57
MW - 1	12/14/16	3859.08	61.23	63.33	2.10	3797.54
MW - 1	12/28/16	3859.08	61.16	63.78	2.62	3797.53
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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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 - 2	02/10/15	3860.76	-	61.55	0.00	3799.21
MW - 2	03/11/15	3860.76	-	61.59	0.00	3799.17
MW - 2	04/17/15	3860.76	-	61.92	0.00	3798.84
MW - 2	05/19/15	3860.76	-	61.62	0.00	3799.14
MW - 2	07/31/15	3860.76	-	61.73	0.00	3799.03
MW - 2	08/12/15	3860.76	-	61.75	0.00	3799.01
MW - 2	09/11/15	3860.76	-	61.79	0.00	3798.97
MW - 2	11/10/15	3860.76	-	61.82	0.00	3798.94
MW - 2	02/02/16	3860.76	-	61.92	0.00	3798.84
MW - 2	04/28/16	3860.76	-	62.20	0.00	3798.56
MW - 2	05/10/16	3860.76	-	62.00	0.00	3798.76
MW - 2	07/01/16	3860.76	-	62.07	0.00	3798.69
MW - 2	07/29/16	3860.76	-	62.10	0.00	3798.66
MW - 2	08/08/16	3860.76	-	62.09	0.00	3798.67
MW - 2	09/15/16	3860.76	-	62.29	0.00	3798.47
MW - 2	11/15/16	3860.76	-	62.38	0.00	3798.38
MW - 2	12/14/16	3860.76	-	62.44	0.00	3798.32
MW - 3	03/24/00	3861.15	-	57.98	0.00	3803.17
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

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

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

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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	3861.15	-	61.86	0.00	3799.29
MW - 3	11/24/14	3861.15	-	61.89	0.00	3799.26
MW - 3	02/10/15	3861.15	-	61.96	0.00	3799.19
MW - 3	03/11/15	3861.15	-	62.01	0.00	3799.14
MW - 3	04/17/15	3861.15	-	62.03	0.00	3799.12
MW - 3	05/19/15	3861.15	-	62.03	0.00	3799.12
MW - 3	07/31/15	3861.15	-	62.14	0.00	3799.01
MW - 3	08/12/15	3861.15	-	62.15	0.00	3799.00
MW - 3	09/11/15	3861.15	-	62.20	0.00	3798.95
MW - 3	11/10/15	3861.15	-	62.22	0.00	3798.93
MW - 3	02/02/16	3861.15	-	62.32	0.00	3798.83
MW - 3	04/28/16	3861.15	-	62.39	0.00	3798.76
MW - 3	05/10/16	3861.15	-	62.40	0.00	3798.75
MW - 3	07/01/16	3861.15	-	62.48	0.00	3798.67
MW - 3	07/29/16	3861.15	-	62.50	0.00	3798.65
MW - 3	08/08/16	3861.15	-	62.48	0.00	3798.67
MW - 3	09/15/16	3861.15	-	62.53	0.00	3798.62
MW - 3	11/15/16	3861.15	-	62.63	0.00	3798.52
MW - 3	12/14/16	3861.15	-	62.68	0.00	3798.47
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
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

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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	07/23/08	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
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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

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

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

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

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

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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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 - 4	01/07/15	3859.62	61.03	61.85	0.82	3798.47
MW - 4	01/15/15	3859.62	61.00	61.71	0.71	3798.51
MW - 4	02/05/15	3859.62	60.98	61.85	0.87	3798.51
MW - 4	02/11/15	3859.62	61.02	61.74	0.72	3798.49
MW - 4	02/20/15	3859.62	61.00	61.90	0.90	3798.49
MW - 4	03/06/15	3859.62	61.02	61.89	0.87	3798.47
MW - 4	03/11/15	3859.62	61.01	61.92	0.91	3798.47
MW - 4	03/13/15	3859.62	61.00	61.99	0.99	3798.47
MW - 4	03/17/15	3859.62	61.08	61.78	0.70	3798.44
MW - 4	04/01/15	3859.62	61.04	61.42	0.38	3798.52
MW - 4	04/09/15	3859.62	61.07	61.91	0.84	3798.42
MW - 4	04/15/15	3859.62	61.07	61.77	0.70	3798.45
MW - 4	04/17/15	3859.62	61.13	61.64	0.51	3798.41
MW - 4	04/28/15	3859.62	61.24	61.94	0.70	3798.28
MW - 4	05/19/15	3859.62	61.06	62.12	1.06	3798.40
MW - 4	06/02/15	3859.62	61.02	62.28	1.26	3798.41
MW - 4	06/11/15	3859.62	61.12	61.93	0.81	3798.38
MW - 4	06/17/15	3859.62	61.14	61.82	0.68	3798.38
MW - 4	06/25/15	3859.62	61.13	61.85	0.72	3798.38
MW - 4	07/01/15	3859.62	61.15	61.80	0.65	3798.37
MW - 4	07/08/15	3859.62	61.16	61.91	0.75	3798.35
MW - 4	07/15/15	3859.62	61.15	61.87	0.72	3798.36
MW - 4	07/22/15	3859.62	61.09	62.28	1.19	3798.35
MW - 4	07/29/15	3859.62	61.12	62.32	1.20	3798.32
MW - 4	07/31/15	3859.62	61.20	61.88	0.68	3798.32
MW - 4	08/06/15	3859.62	61.15	62.10	0.95	3798.33
MW - 4	08/12/15	3859.62	61.12	62.24	1.12	3798.33
MW - 4	08/17/15	3859.62	61.11	62.29	1.18	3798.33
MW - 4	08/19/15	3859.62	61.13	62.35	1.22	3798.31
MW - 4	08/27/15	3859.62	61.19	62.03	0.84	3798.30

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	09/03/15	3859.62	61.20	62.00	0.80	3798.30
MW - 4	09/09/15	3859.62	61.24	61.65	0.41	3798.32
MW - 4	09/11/15	3859.62	61.29	61.53	0.24	3798.29
MW - 4	09/15/15	3859.62	61.26	61.61	0.35	3798.31
MW - 4	09/22/15	3859.62	61.25	61.74	0.49	3798.30
MW - 4	09/30/15	3859.62	61.25	61.87	0.62	3798.28
MW - 4	10/06/15	3859.62	61.27	61.86	0.59	3798.26
MW - 4	10/13/15	3859.62	61.21	62.03	0.82	3798.29
MW - 4	10/22/15	3859.62	61.31	61.72	0.41	3798.25
MW - 4	10/27/15	3859.62	61.29	61.76	0.47	3798.26
MW - 4	11/11/15	3859.62	61.23	62.18	0.95	3798.25
MW - 4	11/18/15	3859.62	61.29	62.38	1.09	3798.17
MW - 4	12/03/15	3859.62	61.15	62.87	1.72	3798.21
MW - 4	12/10/15	3859.62	61.24	62.40	1.16	3798.21
MW - 4	12/22/15	3859.62	61.26	62.22	0.96	3798.22
MW - 4	01/08/16	3859.62	61.20	62.43	1.23	3798.24
MW - 4	01/14/16	3859.62	61.17	62.77	1.60	3798.21
MW - 4	01/28/16	3859.62	61.26	62.49	1.23	3798.18
MW - 4	02/02/16	3859.62	61.34	62.22	0.88	3798.15
MW - 4	02/09/16	3859.62	61.27	62.67	1.40	3798.14
MW - 4	03/02/16	3859.62	61.14	63.38	2.24	3798.14
MW - 4	03/09/16	3859.62	61.31	62.50	1.19	3798.13
MW - 4	03/17/16	3859.62	61.26	62.87	1.61	3798.12
MW - 4	04/06/16	3859.62	61.25	63.07	1.82	3798.10
MW - 4	04/13/16	3859.62	61.45	61.78	0.33	3798.12
MW - 4	04/20/16	3859.62	61.44	61.98	0.54	3798.10
MW - 4	04/27/16	3859.62	61.42	62.17	0.75	3798.09
MW - 4	04/28/16	3859.62	61.42	62.17	0.75	3798.09
MW - 4	05/05/16	3859.62	61.46	61.88	0.42	3798.10
MW - 4	05/10/16	3859.62	61.49	61.77	0.28	3798.09
MW - 4	06/08/16	3859.62	61.31	62.77	1.46	3798.09
MW - 4	06/15/16	3859.62	61.39	63.04	1.65	3797.98
MW - 4	06/21/16	3859.62	61.28	63.28	2.00	3798.04
MW - 4	06/30/16	3859.62	61.34	63.10	1.76	3798.02
MW - 4	07/01/16	3859.62	61.34	63.10	1.76	3798.02
MW - 4	07/07/16	3859.62	61.51	62.25	0.74	3798.00
MW - 4	07/15/16	3859.62	61.50	62.21	0.71	3798.01
MW - 4	07/21/16	3859.62	61.52	62.20	0.68	3798.00
MW - 4	07/28/16	3859.62	61.51	62.30	0.79	3797.99
MW - 4	08/02/16	3859.62	61.51	62.20	0.69	3798.01
MW - 4	08/09/16	3859.62	61.49	62.50	1.01	3797.98
MW - 4	08/16/16	3859.62	61.54	62.84	1.30	3797.89

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	08/25/16	3859.62	61.49	63.18	1.69	3797.88
MW - 4	09/01/16	3859.62	61.46	61.63	0.17	3798.13
MW - 4	09/08/16	3859.62	61.41	63.74	2.33	3797.86
MW - 4	9/14/16-9/15/2016	3859.62	61.40	63.87	2.47	3797.85
MW - 4	09/22/16	3859.62	61.38	64.08	2.70	3797.84
MW - 4	09/29/16	3859.62	61.38	64.22	2.84	3797.81
MW - 4	10/06/16	3859.62	61.36	64.38	3.02	3797.81
MW - 4	10/13/16	3859.62	61.37	64.49	3.12	3797.78
MW - 4	10/20/16	3859.62	61.36	64.60	3.24	3797.77
MW - 4	10/27/16	3859.62	61.34	64.72	3.38	3797.77
MW - 4	11/10/16	3859.62	61.32	64.91	3.59	3797.76
MW - 4	11/16/16	3859.62	61.31	65.04	3.73	3797.75
MW - 4	11/23/16	3859.62	61.32	65.08	3.76	3797.74
MW - 4	12/09/16	3859.62	61.24	65.11	3.87	3797.80
MW - 4	12/14/16	3859.62	61.32	65.32	4.00	3797.70
MW - 4	12/28/16	3859.62	61.24	65.34	4.10	3797.77
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

	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 - 6	02/11/15	3862.47	-	61.57	0.00	3800.90
MW - 6	03/11/15	3862.47	-	61.64	0.00	3800.83
MW - 6	04/17/15	3862.47	-	61.68	0.00	3800.79

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 6	05/19/15	3862.47	-	61.66	0.00	3800.81
MW - 6	07/31/15	3862.47	-	61.79	0.00	3800.68
MW - 6	08/12/15	3862.47	-	61.78	0.00	3800.69
MW - 6	09/11/15	3862.47	-	61.87	0.00	3800.60
MW - 6	11/11/15	3862.47	-	61.86	0.00	3800.61
MW - 6	02/02/16	3862.47	-	62.00	0.00	3800.47
MW - 6	04/28/16	3862.47	-	62.01	0.00	3800.46
MW - 6	05/10/16	3862.47	-	62.04	0.00	3800.43
MW - 6	07/01/16	3862.47	-	62.12	0.00	3800.35
MW - 6	07/29/16	3862.47	-	62.15	0.00	3800.32
MW - 6	08/09/16	3862.47	-	61.94	0.00	3800.53
MW - 6	09/15/16	3862.47	-	62.18	0.00	3800.29
MW - 6	11/15/16	3862.47	-	62.27	0.00	3800.20
MW - 6	12/14/16	3862.47	-	62.32	0.00	3800.15
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
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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

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

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

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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
MW - 7	12/19/14	3859.31	61.07	61.36	0.29	3798.20
MW - 7	01/07/15	3859.31	61.12	61.45	0.33	3798.14
MW - 7	01/15/15	3859.31	61.11	61.34	0.23	3798.17
MW - 7	02/05/15	3859.31	61.10	61.41	0.31	3798.16
MW - 7	02/11/15	3859.31	61.13	61.35	0.22	3798.15
MW - 7	02/20/15	3859.31	61.13	61.45	0.32	3798.13
MW - 7	03/06/15	3859.31	61.12	61.43	0.31	3798.14
MW - 7	03/11/15	3859.31	61.13	61.47	0.34	3798.13
MW - 7	03/13/15	3859.31	61.14	61.50	0.36	3798.12
MW - 7	03/17/15	3859.31	61.18	61.36	0.18	3798.10
MW - 7	04/01/15	3859.31	61.16	61.40	0.24	3798.11
MW - 7	04/09/15	3859.31	61.19	61.43	0.24	3798.08
MW - 7	04/15/15	3859.31	61.18	61.35	0.17	3798.10
MW - 7	04/17/15	3859.31	61.22	61.31	0.09	3798.08
MW - 7	04/28/15	3859.31	61.21	61.41	0.20	3798.07
MW - 7	05/19/15	3859.31	61.20	61.51	0.31	3798.06
MW - 7	06/02/15	3859.31	61.18	61.75	0.57	3798.04
MW - 7	06/11/15	3859.31	61.23	61.53	0.30	3798.04
MW - 7	06/17/15	3859.31	61.24	61.52	0.28	3798.03

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	06/25/15	3859.31	61.25	61.45	0.20	3798.03
MW - 7	07/01/15	3859.31	61.27	61.40	0.13	3798.02
MW - 7	07/08/15	3859.31	61.30	61.49	0.19	3797.98
MW - 7	07/15/15	3859.31	61.28	61.42	0.14	3798.01
MW - 7	07/22/15	3859.31	61.12	61.50	0.38	3798.13
MW - 7	07/29/15	3859.31	61.15	61.58	0.43	3798.10
MW - 7	07/31/15	3859.31	61.26	61.45	0.19	3798.02
MW - 7	08/06/15	3859.31	61.27	61.57	0.30	3798.00
MW - 7	08/12/15	3859.31	61.26	61.62	0.36	3798.00
MW - 7	08/17/15	3859.31	61.25	61.64	0.39	3798.00
MW - 7	08/19/15	3859.31	61.29	61.70	0.41	3797.96
MW - 7	08/27/15	3859.31	61.27	61.82	0.55	3797.96
MW - 7	09/03/15	3859.31	61.29	61.79	0.50	3797.95
MW - 7	09/09/15	3859.31	61.32	61.50	0.18	3797.96
MW - 7	09/11/15	3859.31	61.34	61.42	0.08	3797.96
MW - 7	09/15/15	3859.31	61.33	61.47	0.14	3797.96
MW - 7	09/22/15	3859.31	61.33	61.51	0.18	3797.95
MW - 7	09/30/15	3859.31	61.35	61.53	0.18	3797.93
MW - 7	10/06/15	3859.31	61.35	61.50	0.15	3797.94
MW - 7	10/13/15	3859.31	61.34	61.54	0.20	3797.94
MW - 7	10/22/15	3859.31	61.37	61.64	0.27	3797.90
MW - 7	10/27/15	3859.31	61.36	61.58	0.22	3797.92
MW - 7	11/11/15	3859.31	61.35	61.76	0.41	3797.90
MW - 7	11/18/15	3859.31	61.35	61.84	0.49	3797.89
MW - 7	12/03/15	3859.31	61.35	62.02	0.67	3797.86
MW - 7	12/10/15	3859.31	61.35	61.94	0.59	3797.87
MW - 7	12/22/15	3859.31	61.36	61.93	0.57	3797.86
MW - 7	01/08/16	3859.31	61.37	62.06	0.69	3797.84
MW - 7	01/14/16	3859.31	61.35	62.15	0.80	3797.84
MW - 7	01/28/16	3859.31	61.40	61.88	0.48	3797.84
MW - 7	02/02/16	3859.31	61.45	61.74	0.29	3797.82
MW - 7	02/09/16	3859.31	61.43	61.89	0.46	3797.81
MW - 7	03/02/16	3859.31	61.40	62.05	0.65	3797.81
MW - 7	03/09/16	3859.31	61.48	61.72	0.24	3797.79
MW - 7	03/17/16	3859.31	61.47	61.78	0.31	3797.79
MW - 7	04/06/16	3859.31	61.44	61.96	0.52	3797.79
MW - 7	04/13/16	3859.31	61.48	61.90	0.42	3797.77
MW - 7	04/20/16	3859.31	61.48	61.98	0.50	3797.76
MW - 7	04/27/16	3859.31	61.46	62.07	0.61	3797.76
MW - 7	04/28/16	3859.31	61.46	62.07	0.61	3797.76
MW - 7	05/05/16	3859.31	61.52	61.92	0.40	3797.73
MW - 7	05/10/16	3859.31	61.53	61.80	0.27	3797.74

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	06/08/16	3859.31	61.52	62.17	0.65	3797.69
MW - 7	06/15/16	3859.31	61.60	62.23	0.63	3797.62
MW - 7	06/21/16	3859.31	61.49	62.29	0.80	3797.70
MW - 7	06/30/16	3859.31	61.49	62.40	0.91	3797.68
MW - 7	07/01/16	3859.31	61.49	62.40	0.91	3797.68
MW - 7	07/07/16	3859.31	61.59	61.93	0.34	3797.67
MW - 7	07/15/16	3859.31	61.60	61.84	0.24	3797.67
MW - 7	07/21/16	3859.31	61.62	61.79	0.17	3797.66
MW - 7	07/28/16	3859.31	61.62	61.80	0.18	3797.66
MW - 7	08/02/16	3859.31	61.60	61.80	0.20	3797.68
MW - 7	08/09/16	3859.31	61.61	61.98	0.37	3797.64
MW - 7	08/12/16	3859.31	61.59	61.99	0.40	3797.66
MW - 7	08/16/16	3859.31	61.61	61.74	0.13	3797.68
MW - 7	08/25/16	3859.31	61.63	61.90	0.27	3797.64
MW - 7	09/01/16	3859.31	61.64	61.97	0.33	3797.62
MW - 7	09/08/16	3859.31	61.63	62.01	0.38	3797.62
MW - 7	9/14/16-9/15/2016	3859.31	61.64	61.97	0.33	3797.62
MW - 7	09/22/16	3859.31	61.66	61.99	0.33	3797.60
MW - 7	09/29/16	3859.31	61.68	62.02	0.34	3797.58
MW - 7	10/06/16	3859.31	61.69	62.02	0.33	3797.57
MW - 7	10/13/16	3859.31	61.70	61.99	0.29	3797.57
MW - 7	10/20/16	3859.31	61.72	61.95	0.23	3797.56
MW - 7	10/27/16	3859.31	61.72	61.98	0.26	3797.55
MW - 7	11/10/16	3859.31	61.73	62.07	0.34	3797.53
MW - 7	11/16/16	3859.31	61.72	62.16	0.44	3797.52
MW - 7	11/23/16	3859.31	61.71	62.26	0.55	3797.52
MW - 7	12/09/16	3859.31	61.71	62.40	0.69	3797.50
MW - 7	12/14/16	3859.31	61.72	62.49	0.77	3797.47
MW - 7	12/28/16	3859.31	61.70	62.69	0.99	3797.46
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

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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	02/22/10	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

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

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

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

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

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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 - 9	01/07/15	3861.88	-	60.67	0.00	3801.21
MW - 9	01/15/15	3861.88	-	60.61	0.00	3801.27
MW - 9	02/05/15	3861.88	-	60.59	0.00	3801.29
MW - 9	02/11/15	3861.88	-	60.61	0.00	3801.27
MW - 9	02/20/15	3861.88	-	60.63	0.00	3801.25
MW - 9	03/06/15	3861.88	-	60.62	0.00	3801.26
MW - 9	03/11/15	3861.88	-	60.69	0.00	3801.19
MW - 9	03/13/15	3861.88	-	60.25	0.00	3801.63
MW - 9	03/17/15	3861.88	-	60.69	0.00	3801.19
MW - 9	04/01/15	3861.88	-	60.65	0.00	3801.23
MW - 9	04/09/15	3861.88	-	60.70	0.00	3801.18
MW - 9	04/15/15	3861.88	-	60.68	0.00	3801.20
MW - 9	04/28/15	3861.88	-	60.63	0.00	3801.25
MW - 9	04/17/15	3861.88	-	60.67	0.00	3801.21
MW - 9	05/19/15	3861.88	-	60.63	0.00	3801.25
MW - 9	06/02/15	3861.88	-	60.65	0.00	3801.23
MW - 9	06/11/15	3861.88	-	60.67	0.00	3801.21
MW - 9	06/17/15	3861.88	-	60.70	0.00	3801.18
MW - 9	06/25/15	3861.88	-	60.68	0.00	3801.20
MW - 9	07/01/15	3861.88	-	60.68	0.00	3801.20
MW - 9	07/08/15	3861.88	-	60.73	0.00	3801.15
MW - 9	07/15/15	3861.88	-	60.73	0.00	3801.15
MW - 9	07/22/15	3861.88	-	61.25	0.00	3800.63
MW - 9	07/29/15	3861.88	-	60.75	0.00	3801.13
MW - 9	07/31/15	3861.88	-	60.77	0.00	3801.11
MW - 9	08/06/15	3861.88	-	60.78	0.00	3801.10
MW - 9	08/12/15	3861.88	-	60.77	0.00	3801.11
MW - 9	08/17/15	3861.88	-	60.79	0.00	3801.09
MW - 9	08/19/15	3861.88	-	60.82	0.00	3801.06

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 9	08/27/15	3861.88	-	60.73	0.00	3801.15
MW - 9	09/03/15	3861.88	-	60.77	0.00	3801.11
MW - 9	09/09/15	3861.88	-	60.76	0.00	3801.12
MW - 9	09/11/15	3861.88	-	60.85	0.00	3801.03
MW - 9	09/15/15	3861.88	-	60.79	0.00	3801.09
MW - 9	09/22/15	3861.88	-	60.77	0.00	3801.11
MW - 9	09/30/15	3861.88	-	60.77	0.00	3801.11
MW - 9	10/06/15	3861.88	-	60.86	0.00	3801.02
MW - 9	10/13/15	3861.88	-	60.85	0.00	3801.03
MW - 9	10/22/15	3861.88	-	60.94	0.00	3800.94
MW - 9	10/27/15	3861.88	-	60.90	0.00	3800.98
MW - 9	11/11/15	3861.88	-	60.94	0.00	3800.94
MW - 9	11/18/15	3861.88	-	60.70	0.00	3801.18
MW - 9	12/03/15	3861.88	-	60.90	0.00	3800.98
MW - 9	12/10/15	3861.88	-	60.78	0.00	3801.10
MW - 9	12/22/15	3861.88	-	60.86	0.00	3801.02
MW - 9	01/08/16	3861.88	-	60.93	0.00	3800.95
MW - 9	01/14/16	3861.88	-	60.80	0.00	3801.08
MW - 9	01/28/16	3861.88	-	60.93	0.00	3800.95
MW - 9	02/02/16	3861.88	-	61.05	0.00	3800.83
MW - 9	02/09/16	3861.88	-	60.88	0.00	3801.00
MW - 9	03/02/16	3861.88	-	60.97	0.00	3800.91
MW - 9	03/09/16	3861.88	-	60.98	0.00	3800.90
MW - 9	03/17/16	3861.88	-	60.94	0.00	3800.94
MW - 9	04/06/16	3861.88	-	61.01	0.00	3800.87
MW - 9	04/13/16	3861.88	-	61.01	0.00	3800.87
MW - 9	04/20/16	3861.88	-	64.48	0.00	3797.40
MW - 9	04/27/16	3861.88	-	60.94	0.00	3800.94
MW - 9	04/28/16	3861.88	-	60.94	0.00	3800.94
MW - 9	05/05/16	3861.88	-	61.06	0.00	3800.82
MW - 9	05/10/16	3861.88	-	61.09	0.00	3800.79
MW - 9	06/08/16	3861.88	-	61.06	0.00	3800.82
MW - 9	06/15/16	3861.88	-	61.04	0.00	3800.84
MW - 9	06/21/16	3861.88	-	61.08	0.00	3800.80
MW - 9	06/30/16	3861.88	-	61.14	0.00	3800.74
MW - 9	07/01/16	3861.88	-	61.14	0.00	3800.74
MW - 9	07/15/16	3861.88	-	61.18	0.00	3800.70
MW - 9	07/21/16	3861.88	-	61.21	0.00	3800.67
MW - 9	07/28/16	3861.88	-	61.15	0.00	3800.73
MW - 9	08/02/16	3861.88	-	61.23	0.00	3800.65
MW - 9	08/09/16	3861.88	-	61.13	0.00	3800.75
MW - 9	08/16/16	3861.88	-	61.12	0.00	3800.76

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 9	08/25/16	3861.88	-	61.14	0.00	3800.74
MW - 9	09/08/16	3861.88	-	61.14	0.00	3800.74
MW - 9	9/14/16 -9/15/2016	3861.88	-	61.21	0.00	3800.67
MW - 9	09/22/16	3861.88	-	61.18	0.00	3800.70
MW - 9	09/29/16	3861.88	-	61.20	0.00	3800.68
MW - 9	10/13/16	3861.88	-	61.24	0.00	3800.64
MW - 9	10/20/16	3861.88	-	61.21	0.00	3800.67
MW - 9	10/27/16	3861.88	-	61.21	0.00	3800.67
MW - 9	11/10/16	3861.88	-	61.27	0.00	3800.61
MW - 9	11/16/16	3861.88	-	61.22	0.00	3800.66
MW - 9	12/09/16	3861.88	-	61.29	0.00	3800.59
MW - 9	12/14/16	3861.88	-	61.34	0.00	3800.54
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
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

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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 - 10	02/11/15	3860.58	-	62.58	0.00	3798.00
MW - 10	03/11/15	3860.58	-	62.60	0.00	3797.98
MW - 10	04/17/15	3860.58	-	60.39	0.00	3800.19
MW - 10	05/19/15	3860.58	-	62.64	0.00	3797.94
MW - 10	07/31/15	3860.58	-	62.73	0.00	3797.85
MW - 10	08/12/15	3860.58	-	62.74	0.00	3797.84

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 10	09/11/15	3860.58	-	62.78	0.00	3797.80
MW - 10	11/11/15	3860.58	-	62.83	0.00	3797.75
MW - 10	02/02/16	3860.58	-	62.89	0.00	3797.69
MW - 10	04/28/16	3860.58	-	62.96	0.00	3797.62
MW - 10	05/10/16	3860.58	-	62.97	0.00	3797.61
MW - 10	07/01/16	3860.58	-	63.04	0.00	3797.54
MW - 10	07/29/16	3860.58	-	63.06	0.00	3797.52
MW - 10	08/09/16	3860.58	-	63.04	0.00	3797.54
MW - 10	09/15/16	3860.58	-	63.09	0.00	3797.49
MW - 10	11/16/16	3860.58	-	63.18	0.00	3797.40
MW - 10	12/14/16	3860.58	-	63.25	0.00	3797.33
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
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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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	02/22/10	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
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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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 - 11	01/07/15	3860.00	61.56	65.25	3.69	3797.89
MW - 11	02/05/15	3860.00	61.54	65.26	3.72	3797.90

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 11	02/11/15	3860.00	61.64	64.73	3.09	3797.90
MW - 11	02/20/15	3860.00	61.55	65.27	3.72	3797.89
MW - 11	03/06/15	3860.00	61.59	65.26	3.67	3797.86
MW - 11	03/11/15	3860.00	61.67	64.75	3.08	3797.87
MW - 11	03/13/15	3860.00	61.62	64.96	3.34	3797.88
MW - 11	03/17/15	3860.00	61.71	64.53	2.82	3797.87
MW - 11	04/01/15	3860.00	61.60	65.24	3.64	3797.85
MW - 11	04/09/15	3860.00	61.67	64.94	3.27	3797.84
MW - 11	04/15/15	3860.00	61.69	64.74	3.05	3797.85
MW - 11	04/17/15	3860.00	61.90	63.87	1.97	3797.80
MW - 11	04/28/15	3860.00	61.65	65.11	3.46	3797.83
MW - 11	05/19/15	3860.00	61.63	65.35	3.72	3797.81
MW - 11	06/02/15	3860.00	61.64	65.44	3.80	3797.79
MW - 11	06/11/15	3860.00	61.71	65.02	3.31	3797.79
MW - 11	06/17/15	3860.00	61.75	64.79	3.04	3797.79
MW - 11	06/25/15	3860.00	61.73	64.93	3.20	3797.79
MW - 11	07/01/15	3860.00	61.77	64.81	3.04	3797.77
MW - 11	07/08/15	3860.00	61.76	64.94	3.18	3797.76
MW - 11	07/15/15	3860.00	61.76	64.96	3.20	3797.76
MW - 11	07/22/15	3860.00	61.62	65.42	3.80	3797.81
MW - 11	07/29/15	3860.00	61.68	65.49	3.81	3797.75
MW - 11	07/31/15	3860.00	61.93	63.96	2.03	3797.77
MW - 11	08/06/15	3860.00	61.82	64.79	2.97	3797.73
MW - 11	08/12/15	3860.00	61.74	65.19	3.45	3797.74
MW - 11	08/17/15	3860.00	61.77	64.75	2.98	3797.78
MW - 11	08/19/15	3860.00	61.75	65.72	3.97	3797.65
MW - 11	08/27/15	3860.00	61.74	65.23	3.49	3797.74
MW - 11	09/03/15	3860.00	61.77	65.15	3.38	3797.72
MW - 11	09/09/15	3860.00	61.92	64.94	3.02	3797.63
MW - 11	09/11/15	3860.00	61.99	64.04	2.05	3797.70
MW - 11	09/15/15	3860.00	61.85	64.83	2.98	3797.70
MW - 11	09/22/15	3860.00	61.85	64.90	3.05	3797.69
MW - 11	09/30/15	3860.00	61.83	65.08	3.25	3797.68
MW - 11	10/06/15	3860.00	61.89	64.73	2.84	3797.68
MW - 11	10/13/15	3860.00	61.87	65.01	3.14	3797.66
MW - 11	10/27/15	3860.00	61.80	65.36	3.56	3797.67
MW - 11	11/11/15	3860.00	61.80	65.57	3.77	3797.63
MW - 11	11/18/15	3860.00	61.89	65.58	3.69	3797.56
MW - 11	12/03/15	3860.00	61.85	65.65	3.80	3797.58
MW - 11	12/10/15	3860.00	61.89	65.18	3.29	3797.62
MW - 11	12/22/15	3860.00	61.82	65.50	3.68	3797.63
MW - 11	01/08/16	3860.00	61.83	65.65	3.82	3797.60

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 11	01/14/16	3860.00	61.80	65.71	3.91	3797.61
MW - 11	01/28/16	3860.00	61.85	65.67	3.82	3797.58
MW - 11	02/02/16	3860.00	62.03	64.80	2.77	3797.55
MW - 11	02/09/16	3860.00	61.83	65.63	3.80	3797.60
MW - 11	03/02/16	3860.00	61.87	65.74	3.87	3797.55
MW - 11	03/09/16	3860.00	61.96	65.30	3.34	3797.54
MW - 11	03/17/16	3860.00	61.90	65.69	3.79	3797.53
MW - 11	04/06/16	3860.00	61.92	65.79	3.87	3797.50
MW - 11	04/13/16	3860.00	62.02	65.09	3.07	3797.52
MW - 11	04/20/16	3860.00	62.01	65.28	3.27	3797.50
MW - 11	04/27/16	3860.00	61.95	65.66	3.71	3797.49
MW - 11	04/28/16	3860.00	61.95	65.66	3.71	3797.49
MW - 11	05/05/16	3860.00	62.02	65.25	3.23	3797.50
MW - 11	05/10/16	3860.00	62.06	64.90	2.84	3797.51
MW - 11	06/08/16	3860.00	61.94	65.91	3.97	3797.46
MW - 11	06/15/16	3860.00	61.94	65.90	3.96	3797.47
MW - 11	06/21/16	3860.00	61.96	65.96	4.00	3797.44
MW - 11	06/30/16	3860.00	62.01	64.22	2.21	3797.66
MW - 11	07/01/16	3860.00	62.01	64.22	2.21	3797.66
MW - 11	07/07/16	3860.00	62.09	65.35	3.26	3797.42
MW - 11	07/15/16	3860.00	62.11	65.45	3.34	3797.39
MW - 11	07/21/16	3860.00	62.11	65.21	3.10	3797.43
MW - 11	07/28/16	3860.00	62.11	65.30	3.19	3797.41
MW - 11	08/02/16	3860.00	62.15	65.02	2.87	3797.42
MW - 11	08/09/16	3860.00	62.07	65.17	3.10	3797.47
MW - 11	08/12/16	3860.00	62.05	65.75	3.70	3797.40
MW - 11	08/16/16	3860.00	62.21	64.88	2.67	3797.39
MW - 11	08/25/16	3860.00	62.11	65.51	3.40	3797.38
MW - 11	09/01/16	3860.00	62.13	65.31	3.18	3797.39
MW - 11	09/08/16	3860.00	62.07	65.76	3.69	3797.38
MW - 11	9/14/16 -9/15/2016	3860.00	62.17	65.25	3.08	3797.37
MW - 11	09/22/16	3860.00	62.16	65.49	3.33	3797.34
MW - 11	09/29/16	3860.00	62.21	65.34	3.13	3797.32
MW - 11	10/06/16	3860.00	62.19	65.40	3.21	3797.33
MW - 11	10/13/16	3860.00	62.19	65.45	3.26	3797.32
MW - 11	10/20/16	3860.00	62.22	65.35	3.13	3797.31
MW-11	10/27/16	3860.00	62.23	65.35	3.12	3797.30
MW-11	11/10/16	3860.00	62.20	65.74	3.54	3797.27
MW-11	11/16/16	3860.00	62.17	65.93	3.76	3797.27
MW-11	11/23/16	3860.00	62.17	65.98	3.81	3797.26
MW-11	12/09/16	3860.00	62.21	65.85	3.64	3797.24
MW-11	12/14/16	3860.00	62.22	65.99	3.77	3797.21

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-11	12/28/16	3860.00	62.21	66.17	3.96	3797.20
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
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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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 - 12	02/11/15	3863.10	-	62.64	0.00	3800.46
MW - 12	03/11/15	3863.10	-	62.70	0.00	3800.40
MW - 12	04/17/15	3863.10	-	60.89	0.00	3802.21
MW - 12	05/19/15	3863.10	-	62.75	0.00	3800.35
MW - 12	07/31/15	3863.10	-	62.88	0.00	3800.22
MW - 12	08/12/15	3863.10	-	62.87	0.00	3800.23
MW - 12	09/11/15	3863.10	-	62.94	0.00	3800.16
MW - 12	11/11/15	3863.10	-	62.96	0.00	3800.14
MW - 12	02/02/16	3863.10	-	63.03	0.00	3800.07
MW - 12	04/28/16	3863.10	-	63.12	0.00	3799.98
MW - 12	05/10/16	3863.10	-	63.14	0.00	3799.96
MW - 12	07/01/16	3863.10	-	63.22	0.00	3799.88
MW - 12	07/29/16	3863.10	-	63.26	0.00	3799.84
MW - 12	08/09/16	3863.10	-	63.26	0.00	3799.84
MW - 12	09/15/16	3863.10	-	63.29	0.00	3799.81
MW - 12	11/15/16	3863.10	-	63.38	0.00	3799.72
MW - 12	12/14/16	3863.10	-	63.46	0.00	3799.64
MW - 13	03/24/01	3862.44	-	56.92	0.00	3805.52

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

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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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 - 13	02/10/15	3862.44	-	61.11	0.00	3801.33
MW - 13	03/11/15	3862.44	-	61.17	0.00	3801.27
MW - 13	04/17/15	3862.44	-	61.04	0.00	3801.40
MW - 13	05/19/15	3862.44	-	61.19	0.00	3801.25
MW - 13	07/31/15	3862.44	-	61.32	0.00	3801.12
MW - 13	08/12/15	3862.44	-	61.29	0.00	3801.15
MW - 13	09/11/15	3862.44	-	61.39	0.00	3801.05
MW - 13	11/10/15	3862.44	-	61.38	0.00	3801.06
MW - 13	02/02/16	3862.44	-	61.54	0.00	3800.90
MW - 13	04/28/16	3862.44	-	61.55	0.00	3800.89
MW - 13	05/10/16	3862.44	-	61.56	0.00	3800.88
MW - 13	07/01/16	3862.44	-	61.64	0.00	3800.80
MW - 13	07/29/16	3862.44	-	61.68	0.00	3800.76
MW - 13	08/08/16	3862.44	-	61.69	0.00	3800.75
MW - 13	11/15/16	3862.44	-	61.78	0.00	3800.66
MW - 13	12/14/16	3862.44	-	61.86	0.00	3800.58
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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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	02/22/10	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
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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

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

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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	3862.95	-	62.21	0.00	3800.74
MW - 14	11/24/14	3862.95	-	62.17	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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 14	11/24/14	3862.95	-	62.17	0.00	3800.78
MW - 14	12/02/14	3862.95	-	62.14	0.00	3800.81
MW - 14	12/12/14	3862.95	-	62.16	0.00	3800.79
MW - 14	12/19/14	3862.95	-	62.19	0.00	3800.76
MW - 14	01/07/15	3862.95	-	62.24	0.00	3800.71
MW - 14	01/15/15	3862.95	-	62.21	0.00	3800.74
MW - 14	02/05/15	3862.95	-	62.21	0.00	3800.74
MW - 14	02/11/15	3862.95	-	62.21	0.00	3800.74
MW - 14	02/20/15	3862.95	-	62.25	0.00	3800.70
MW - 14	03/06/15	3862.95	-	62.27	0.00	3800.68
MW - 14	03/11/15	3862.95	-	62.29	0.00	3800.66
MW - 14	03/13/15	3862.95	-	62.25	0.00	3800.70
MW - 14	03/17/15	3862.95	-	62.30	0.00	3800.65
MW - 14	04/01/15	3862.95	-	62.25	0.00	3800.70
MW - 14	04/09/15	3862.95	-	62.31	0.00	3800.64
MW - 14	04/15/15	3862.95	-	62.29	0.00	3800.66
MW - 14	04/17/15	3862.95	-	62.32	0.00	3800.63
MW - 14	04/28/15	3862.95	-	62.32	0.00	3800.63
MW - 14	05/19/15	3862.95	-	62.31	0.00	3800.64
MW - 14	06/02/15	3862.95	-	62.29	0.00	3800.66
MW - 14	06/11/15	3862.95	-	62.31	0.00	3800.64
MW - 14	06/17/15	3862.95	-	62.34	0.00	3800.61
MW - 14	06/25/15	3862.95	-	62.34	0.00	3800.61
MW - 14	07/01/15	3862.95	-	62.37	0.00	3800.58
MW - 14	07/08/15	3862.95	-	62.38	0.00	3800.57
MW - 14	07/15/15	3862.95	-	62.40	0.00	3800.55
MW - 14	07/22/15	3862.95	-	62.61	0.00	3800.34
MW - 14	07/29/15	3862.95	-	62.40	0.00	3800.55
MW - 14	07/31/15	3862.95	-	62.43	0.00	3800.52
MW - 14	08/06/15	3862.95	-	62.40	0.00	3800.55
MW - 14	08/12/15	3862.95	-	62.41	0.00	3800.54
MW - 14	08/17/15	3862.95	-	62.42	0.00	3800.53
MW - 14	08/19/15	3862.95	-	62.46	0.00	3800.49
MW - 14	08/27/15	3862.95	-	62.32	0.00	3800.63
MW - 14	09/03/15	3862.95	-	62.42	0.00	3800.53
MW - 14	09/09/15	3862.95	-	62.41	0.00	3800.54
MW - 14	09/11/15	3862.95	-	62.14	0.00	3800.81
MW - 14	09/15/15	3862.95	-	62.45	0.00	3800.50
MW - 14	09/22/15	3862.95	-	62.53	0.00	3800.42
MW - 14	09/30/15	3862.95	-	62.52	0.00	3800.43
MW - 14	10/06/15	3862.95	-	62.56	0.00	3800.39
MW - 14	10/13/15	3862.95	-	62.52	0.00	3800.43

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 14	10/22/15	3862.95	-	62.60	0.00	3800.35
MW - 14	10/27/15	3862.95	-	62.58	0.00	3800.37
MW - 14	11/11/15	3862.95	-	62.54	0.00	3800.41
MW - 14	11/18/15	3862.95	-	62.49	0.00	3800.46
MW - 14	12/03/15	3862.95	-	62.60	0.00	3800.35
MW - 14	12/10/15	3862.95	-	62.62	0.00	3800.33
MW - 14	12/22/15	3862.95	-	62.57	0.00	3800.38
MW - 14	01/08/16	3862.95	-	62.65	0.00	3800.30
MW - 14	01/14/16	3862.95	-	62.65	0.00	3800.30
MW - 14	01/28/16	3862.95	-	62.61	0.00	3800.34
MW - 14	02/02/16	3862.95	-	62.68	0.00	3800.27
MW - 14	02/09/16	3862.95	-	62.58	0.00	3800.37
MW - 14	03/02/16	3862.95	-	62.64	0.00	3800.31
MW - 14	03/09/16	3862.95	-	62.70	0.00	3800.25
MW - 14	03/17/16	3862.95	-	62.65	0.00	3800.30
MW - 14	04/06/16	3862.95	-	62.67	0.00	3800.28
MW - 14	04/13/16	3862.95	-	62.69	0.00	3800.26
MW - 14	04/20/16	3862.95	-	62.68	0.00	3800.27
MW - 14	04/27/16	3862.95	-	62.71	0.00	3800.24
MW - 14	04/28/16	3862.95	-	62.71	0.00	3800.24
MW - 14	05/05/16	3862.95	-	62.72	0.00	3800.23
MW - 14	05/10/16	3862.95	-	62.75	0.00	3800.20
MW - 14	06/08/16	3862.95	-	62.77	0.00	3800.18
MW - 14	06/15/16	3862.95	-	62.81	0.00	3800.14
MW - 14	06/21/16	3862.95	-	62.79	0.00	3800.16
MW - 14	06/30/16	3862.95	-	62.79	0.00	3800.16
MW - 14	07/01/16	3862.95	-	62.79	0.00	3800.16
MW - 14	07/15/16	3862.95	-	62.81	0.00	3800.14
MW - 14	07/21/16	3862.95	-	62.85	0.00	3800.10
MW - 14	07/28/16	3862.95	-	62.78	0.00	3800.17
MW - 14	08/02/16	3862.95	-	62.86	0.00	3800.09
MW - 14	08/09/16	3862.95	-	62.78	0.00	3800.17
MW - 14	08/16/16	3862.95	-	62.78	0.00	3800.17
MW - 14	08/25/16	3862.95	-	62.86	0.00	3800.09
MW - 14	09/08/16	3862.95	-	62.87	0.00	3800.08
MW - 14	9/14/16 -9/15/2016	3862.95	-	62.90	0.00	3800.05
MW - 14	09/22/16	3862.95	-	62.92	0.00	3800.03
MW - 14	09/29/16	3862.95	-	62.92	0.00	3800.03
MW - 14	10/13/16	3862.95	-	62.97	0.00	3799.98
MW - 14	10/20/16	3862.95	-	62.97	0.00	3799.98
MW - 14	10/27/16	3862.95	-	62.96	0.00	3799.99
MW - 14	11/10/16	3862.95	-	62.95	0.00	3800.00

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 14	11/16/16	3862.95	-	63.00	0.00	3799.95
MW - 14	12/09/16	3862.95	-	63.05	0.00	3799.90
MW - 14	12/14/16	3862.95	-	63.10	0.00	3799.85
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
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

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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 - 15	02/11/15	3861.70	-	61.34	0.00	3800.36
MW - 15	03/11/15	3861.70	-	61.40	0.00	3800.30
MW - 15	04/17/15	3861.70	-	61.42	0.00	3800.28
MW - 15	05/19/15	3861.70	-	61.43	0.00	3800.27
MW - 15	07/31/15	3861.70	-	61.65	0.00	3800.05
MW - 15	08/12/15	3861.70	-	61.54	0.00	3800.16
MW - 15	09/11/15	3861.70	-	61.62	0.00	3800.08
MW - 15	11/11/15	3861.70	-	61.61	0.00	3800.09
MW - 15	02/02/16	3861.70	-	61.73	0.00	3799.97
MW - 15	04/28/16	3861.70	-	61.71	0.00	3799.99
MW - 15	05/10/16	3861.70	-	61.79	0.00	3799.91
MW - 15	07/01/16	3861.70	-	61.85	0.00	3799.85
MW - 15	07/29/16	3861.70	-	61.90	0.00	3799.80
MW - 15	08/09/16	3861.70	-	61.90	0.00	3799.80
MW - 15	09/15/16	3861.70	-	61.96	0.00	3799.74
MW - 15	11/16/16	3861.70	-	62.05	0.00	3799.65
MW - 15	12/14/16	3861.70	-	62.08	0.00	3799.62

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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 - 16	02/11/15	3863.15	-	61.68	0.00	3801.47
MW - 16	03/11/15	3863.15	-	61.79	0.00	3801.36
MW - 16	04/17/15	3863.15	-	61.83	0.00	3801.32
MW - 16	05/19/15	3863.15	-	61.78	0.00	3801.37
MW - 16	07/31/15	3863.15	-	61.39	0.00	3801.76
MW - 16	08/12/15	3863.15	-	61.37	0.00	3801.78
MW - 16	09/11/15	3863.15	-	61.48	0.00	3801.67
MW - 16	11/11/15	3863.15	-	62.01	0.00	3801.14
MW - 16	02/02/16	3863.15	-	62.09	0.00	3801.06
MW - 16	04/28/16	3863.15	-	62.12	0.00	3801.03
MW - 16	05/10/16	3863.15	-	62.00	0.00	3801.15
MW - 16	07/01/16	3863.15	-	62.25	0.00	3800.90
MW - 16	07/29/16	3863.15	-	62.21	0.00	3800.94
MW - 16	08/09/16	3863.15	-	62.21	0.00	3800.94
MW - 16	09/15/16	3863.15	-	62.32	0.00	3800.83
MW - 16	11/16/16	3863.15	-	62.42	0.00	3800.73
MW - 16	12/14/16	3863.15	-	62.41	0.00	3800.74
MW - 17	03/24/00	3859.17	-	59.57	0.00	3799.60

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

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

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
MW - 17	02/11/15	3859.17	-	63.47	0.00	3795.70
MW - 17	03/11/15	3859.17	-	63.49	0.00	3795.68
MW - 17	04/17/15	3859.17	-	62.31	0.00	3796.86
MW - 17	05/19/15	3859.17	-	63.52	0.00	3795.65
MW - 17	07/31/15	3859.17	-	63.59	0.00	3795.58
MW - 17	08/12/15	3859.17	-	63.59	0.00	3795.58
MW - 17	09/11/15	3859.17	-	63.64	0.00	3795.53
MW - 17	11/11/15	3859.17	-	63.68	0.00	3795.49
MW - 17	02/02/16	3859.17	-	63.74	0.00	3795.43
MW - 17	04/28/16	3859.17	-	63.80	0.00	3795.37
MW - 17	05/10/16	3859.17	-	63.82	0.00	3795.35
MW - 17	07/01/16	3859.17	-	63.87	0.00	3795.30
MW - 17	07/29/16	3859.17	-	63.86	0.00	3795.31
MW - 17	08/09/16	3859.17	-	63.88	0.00	3795.29
MW - 17	09/15/16	3859.17	-	63.90	0.00	3795.27
MW - 17	11/16/16	3859.17	-	63.98	0.00	3795.19
MW - 17	12/14/16	3859.17	-	64.01	0.00	3795.16
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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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 - 18	02/10/15	3859.98	-	63.01	0.00	3796.97
MW - 18	03/11/15	3859.98	-	63.04	0.00	3796.94
MW - 18	04/17/15	3859.98	-	62.28	0.00	3797.70
MW - 18	05/19/15	3859.98	-	63.08	0.00	3796.90
MW - 18	07/31/15	3859.98	-	63.16	0.00	3796.82
MW - 18	08/12/15	3859.98	-	63.18	0.00	3796.80
MW - 18	09/11/15	3859.98	-	63.22	0.00	3796.76
MW - 18	11/10/15	3859.98	-	63.24	0.00	3796.74
MW - 18	02/02/16	3859.98	-	63.32	0.00	3796.66
MW - 18	04/28/16	3859.98	-	63.38	0.00	3796.60
MW - 18	05/10/16	3859.98	-	63.40	0.00	3796.58
MW - 18	07/01/16	3859.98	-	63.46	0.00	3796.52
MW - 18	07/29/16	3859.98	-	63.06	0.00	3796.92
MW - 18	08/08/16	3859.98	-	63.48	0.00	3796.50
MW - 18	09/15/16	3859.98	-	63.50	0.00	3796.48
MW - 18	11/15/16	3859.98	-	63.59	0.00	3796.39
MW - 18	12/14/16	3859.98	-	63.66	0.00	3796.32
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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
MW - 19	11/24/14	3862.30	-	63.91	0.00	3798.39
MW - 19	02/10/15	3862.30	-	63.96	0.00	3798.34
MW - 19	03/11/15	3862.30	-	63.98	0.00	3798.32
MW - 19	04/17/15	3862.30	-	61.88	0.00	3800.42
MW - 19	05/19/15	3862.30	-	64.03	0.00	3798.27
MW - 19	07/31/15	3862.30	-	64.11	0.00	3798.19
MW - 19	08/12/15	3862.30	-	64.12	0.00	3798.18
MW - 19	09/11/15	3862.30	-	64.16	0.00	3798.14
MW - 19	11/10/15	3862.30	-	64.21	0.00	3798.09
MW - 19	02/02/16	3862.30	-	64.28	0.00	3798.02
MW - 19	04/28/16	3862.30	-	64.35	0.00	3797.95
MW - 19	05/10/16	3862.30	-	64.36	0.00	3797.94
MW - 19	07/01/16	3862.30	-	64.43	0.00	3797.87
MW - 19	07/29/16	3862.30	-	63.48	0.00	3798.82
MW - 19	08/08/16	3862.30	-	64.44	0.00	3797.86
MW - 19	09/15/16	3862.30	-	64.49	0.00	3797.81
MW - 19	11/15/16	3862.30	-	64.56	0.00	3797.74
MW - 19	12/14/16	3862.30	-	64.63	0.00	3797.67
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

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

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

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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 - 21	02/10/15	3862.30	-	63.31	0.00	3798.99
MW - 21	03/11/15	3862.30	-	63.34	0.00	3798.96
MW - 21	04/17/15	3862.30	-	63.36	0.00	3798.94
MW - 21	05/19/15	3862.30	-	63.39	0.00	3798.91
MW - 21	07/31/15	3862.30	-	63.49	0.00	3798.81
MW - 21	08/12/15	3862.30	-	63.50	0.00	3798.80
MW - 21	09/11/15	3862.30	-	63.54	0.00	3798.76
MW - 21	11/10/15	3862.30	-	63.58	0.00	3798.72

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 21	02/02/16	3862.30	-	64.67	0.00	3797.63
MW - 21	04/28/16	3862.30	-	63.73	0.00	3798.57
MW - 21	05/10/16	3862.30	-	63.75	0.00	3798.55
MW - 21	07/01/16	3862.30	-	63.81	0.00	3798.49
MW - 21	07/29/16	3862.30	-	63.85	0.00	3798.45
MW - 21	08/08/16	3862.30	-	63.84	0.00	3798.46
MW - 21	09/15/16	3862.30	-	63.89	0.00	3798.41
MW - 21	11/15/16	3862.30	-	63.98	0.00	3798.32
MW - 21	12/14/16	3862.30	-	64.05	0.00	3798.25
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

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

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

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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 - 23	02/10/15	3862.44	-	60.88	0.00	3801.56
MW - 23	03/11/15	3862.44	-	60.94	0.00	3801.50
MW - 23	04/17/15	3862.44	-	60.97	0.00	3801.47
MW - 23	05/19/15	3862.44	-	61.00	0.00	3801.44
MW - 23	07/31/15	3862.44	-	61.09	0.00	3801.35
MW - 23	08/12/15	3862.44	-	61.09	0.00	3801.35
MW - 23	09/11/15	3862.44	-	61.14	0.00	3801.30
MW - 23	11/10/15	3862.44	-	61.16	0.00	3801.28
MW - 23	02/02/16	3862.44	-	61.25	0.00	3801.19
MW - 23	04/28/16	3862.44	-	61.31	0.00	3801.13
MW - 23	05/10/16	3862.44	-	61.35	0.00	3801.09
MW - 23	07/01/16	3862.44	-	61.43	0.00	3801.01
MW - 23	07/29/16	3862.44	-	61.49	0.00	3800.95
MW - 23	08/08/16	3862.44	-	61.49	0.00	3800.95
MW - 23	11/15/16	3862.44	-	61.68	0.00	3800.76
MW - 23	12/14/16	3862.44	-	61.72	0.00	3800.72
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

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

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

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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 - 24	02/11/15	3864.36	-	61.83	0.00	3802.53
MW - 24	03/11/15	3864.36	-	61.90	0.00	3802.46
MW - 24	04/17/15	3864.36	-	61.95	0.00	3802.41
MW - 24	05/19/15	3864.36	-	61.93	0.00	3802.43
MW - 24	07/31/15	3864.36	-	62.05	0.00	3802.31
MW - 24	08/12/15	3864.36	-	62.05	0.00	3802.31
MW - 24	09/11/15	3864.36	-	62.13	0.00	3802.23
MW - 24	11/11/15	3864.36	-	62.11	0.00	3802.25
MW - 24	02/02/16	3864.36	-	62.24	0.00	3802.12
MW - 24	04/28/16	3864.36	-	62.26	0.00	3802.10
MW - 24	06/02/16	3864.36	-	62.33	0.00	3802.03
MW - 24	07/01/16	3864.36	-	62.40	0.00	3801.96
MW - 24	07/29/16	3864.36	-	62.41	0.00	3801.95
MW - 24	08/09/16	3864.36	-	62.43	0.00	3801.93
MW - 24	09/15/16	3864.36	-	62.47	0.00	3801.89
MW - 24	11/16/16	3864.36	-	62.61	0.00	3801.75
MW - 24	12/14/16	3864.36	-	62.62	0.00	3801.74
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
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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

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

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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-25	02/10/15	3864.16	-	60.75	0.00	3803.41
MW-25	03/11/15	3864.16	-	60.82	0.00	3803.34
MW-25	04/17/15	3864.16	-	60.86	0.00	3803.30
MW-25	05/19/15	3864.16	-	60.88	0.00	3803.28
MW-25	07/31/15	3864.16	-	60.98	0.00	3803.18
MW-25	08/12/15	3864.16	-	60.99	0.00	3803.17
MW-25	09/11/15	3864.16	-	61.06	0.00	3803.10
MW-25	11/10/15	3864.16	-	61.04	0.00	3803.12
MW-25	02/02/16	3864.16	-	61.15	0.00	3803.01
MW-25	04/28/16	3864.16	-	61.21	0.00	3802.95
MW-25	05/10/16	3864.16	-	61.25	0.00	3802.91
MW-25	07/01/16	3864.16	-	61.35	0.00	3802.81
MW-25	07/29/16	3864.16	-	61.42	0.00	3802.74
MW-25	08/08/16	3864.16	-	61.40	0.00	3802.76
MW-25	09/15/16	3864.16	-	61.47	0.00	3802.69
MW-25	11/15/16	3864.16	-	61.58	0.00	3802.58
MW-25	12/14/16	3864.16	-	61.61	0.00	3802.55
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

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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	02/22/10	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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

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

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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	3858.79	-	63.86	0.00	3794.93
MW - 26	11/24/14	3858.79	-	63.25	0.00	3795.54
MW - 26	12/05/14	3858.79	-	62.18	0.00	3796.61
MW - 26	12/12/14	3858.79	-	63.87	0.00	3794.92
MW - 26	12/19/14	3858.79	-	63.85	0.00	3794.94
MW - 26	01/07/15	3858.79	-	63.86	0.00	3794.93
MW - 26	01/15/15	3858.79	-	63.86	0.00	3794.93
MW - 26	02/20/15	3858.79	-	63.84	0.00	3794.95
MW - 26	03/06/15	3858.79	-	63.87	0.00	3794.92
MW - 26	03/11/15	3858.79	-	63.88	0.00	3794.91
MW - 26	03/13/15	3858.79	-	63.88	0.00	3794.91
MW - 26	03/17/15	3858.79	-	63.90	0.00	3794.89
MW - 26	04/01/15	3858.79	-	63.89	0.00	3794.90
MW - 26	04/09/15	3858.79	-	63.88	0.00	3794.91
MW - 26	04/15/15	3858.79	-	63.88	0.00	3794.91
MW - 26	04/17/15	3858.79	-	61.98	0.00	3796.81
MW - 26	04/28/15	3858.79	-	63.90	0.00	3794.89
MW - 26	05/19/15	3858.79	-	63.92	0.00	3794.87
MW - 26	06/02/15	3858.79	-	63.90	0.00	3794.89
MW - 26	06/11/15	3858.79	-	63.92	0.00	3794.87
MW - 26	06/17/15	3858.79	-	63.94	0.00	3794.85
MW - 26	06/25/15	3858.79	-	63.95	0.00	3794.84
MW - 26	07/01/15	3858.79	-	63.97	0.00	3794.82
MW - 26	07/08/15	3858.79	-	63.98	0.00	3794.81
MW - 26	07/15/15	3858.79	-	63.97	0.00	3794.82
MW - 26	07/22/15	3858.79	-	63.99	0.00	3794.80
MW - 26	07/29/15	3858.79	-	63.96	0.00	3794.83
MW - 26	07/31/15	3858.79	-	63.96	0.00	3794.83
MW - 26	08/06/15	3858.79	-	63.95	0.00	3794.84
MW - 26	08/12/15	3858.79	-	63.97	0.00	3794.82
MW - 26	08/17/15	3858.79	-	63.96	0.00	3794.83
MW - 26	08/19/15	3858.79	-	63.99	0.00	3794.80
MW - 26	08/27/15	3858.79	-	63.97	0.00	3794.82
MW - 26	09/03/15	3858.79	-	63.99	0.00	3794.80
MW - 26	09/09/15	3858.79	-	63.99	0.00	3794.80
MW - 26	09/11/15	3858.79	-	64.00	0.00	3794.79
MW - 26	09/15/15	3858.79	-	63.99	0.00	3794.80
MW - 26	09/22/15	3858.79	-	64.01	0.00	3794.78
MW - 26	09/30/15	3858.79	-	64.12	0.00	3794.67

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 26	10/06/15	3858.79	-	64.05	0.00	3794.74
MW - 26	10/13/15	3858.79	-	64.07	0.00	3794.72
MW - 26	10/22/15	3858.79	-	64.09	0.00	3794.70
MW - 26	10/27/15	3858.79	-	64.08	0.00	3794.71
MW - 26	11/11/15	3858.79	-	64.11	0.00	3794.68
MW - 26	11/18/15	3858.79	-	64.03	0.00	3794.76
MW - 26	12/03/15	3858.79	-	64.10	0.00	3794.69
MW - 26	12/10/15	3858.79	-	64.08	0.00	3794.71
MW - 26	12/22/15	3858.79	-	64.11	0.00	3794.68
MW - 26	01/08/16	3858.79	-	64.15	0.00	3794.64
MW - 26	01/14/16	3858.79	-	64.09	0.00	3794.70
MW - 26	01/28/16	3858.79	-	64.17	0.00	3794.62
MW - 26	02/02/16	3858.79	-	64.14	0.00	3794.65
MW - 26	02/09/16	3858.79	-	64.10	0.00	3794.69
MW - 26	03/02/16	3858.79	-	64.16	0.00	3794.63
MW - 26	03/09/16	3858.79	-	64.22	0.00	3794.57
MW - 26	03/17/16	3858.79	-	64.18	0.00	3794.61
MW - 26	04/06/16	3858.79	-	64.21	0.00	3794.58
MW - 26	04/13/16	3858.79	-	64.20	0.00	3794.59
MW - 26	04/20/16	3858.79	-	64.22	0.00	3794.57
MW - 26	04/27/16	3858.79	-	64.24	0.00	3794.55
MW - 26	04/28/16	3858.79	-	64.24	0.00	3794.55
MW - 26	05/05/16	3858.79	-	64.23	0.00	3794.56
MW - 26	05/10/16	3858.79	-	64.22	0.00	3794.57
MW - 26	06/08/16	3858.79	-	64.22	0.00	3794.57
MW - 26	06/15/16	3858.79	-	64.20	0.00	3794.59
MW - 26	06/21/16	3858.79	-	64.28	0.00	3794.51
MW - 26	06/30/16	3858.79	-	64.29	0.00	3794.50
MW - 26	07/01/16	3858.79	-	64.29	0.00	3794.50
MW - 26	07/15/16	3858.79	-	64.30	0.00	3794.49
MW - 26	07/21/16	3858.79	-	64.31	0.00	3794.48
MW - 26	07/28/16	3858.79	-	64.28	0.00	3794.51
MW - 26	08/02/16	3858.79	-	64.32	0.00	3794.47
MW - 26	08/09/16	3858.79	-	64.26	0.00	3794.53
MW - 26	08/16/16	3858.79	-	64.26	0.00	3794.53
MW - 26	08/25/16	3858.79	-	64.32	0.00	3794.47
MW - 26	09/08/16	3858.79	-	64.33	0.00	3794.46
MW - 26	9/14/16 -9/15/2016	3858.79	-	64.37	0.00	3794.42
MW - 26	09/22/16	3858.79	-	64.32	0.00	3794.47
MW - 26	09/29/16	3858.79	-	64.39	0.00	3794.40
MW - 26	10/13/16	3858.79	-	64.41	0.00	3794.38
MW - 26	10/20/16	3858.79	-	64.43	0.00	3794.36

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 26	10/27/16	3858.79	-	64.39	0.00	3794.40
MW - 26	11/10/16	3858.79	-	64.42	0.00	3794.37
MW - 26	11/16/16	3858.79	-	64.45	0.00	3794.34
MW - 26	12/09/16	3858.79	-	64.44	0.00	3794.35
MW - 26	12/14/16	3858.79	-	64.47	0.00	3794.32
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
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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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	02/22/10	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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

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

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

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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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 - 28	01/07/15	3858.60	-	64.17	0.00	3794.43
MW - 28	01/15/15	3858.60	-	64.12	0.00	3794.48
MW - 28	02/05/15	3858.60	-	64.12	0.00	3794.48
MW - 28	02/11/15	3858.60	-	64.10	0.00	3794.50
MW - 28	02/20/15	3858.60	-	64.18	0.00	3794.42
MW - 28	03/06/15	3858.60	-	64.20	0.00	3794.40
MW - 28	03/11/15	3858.60	-	64.16	0.00	3794.44
MW - 28	03/13/15	3858.60	-	64.16	0.00	3794.44
MW - 28	03/17/15	3858.60	-	64.16	0.00	3794.44
MW - 28	04/01/15	3858.60	-	64.12	0.00	3794.48
MW - 28	04/09/15	3858.60	-	64.20	0.00	3794.40
MW - 28	04/15/15	3858.60	-	64.19	0.00	3794.41
MW - 28	04/17/15	3858.60	-	62.13	0.00	3796.47
MW - 28	04/28/15	3858.60	-	64.21	0.00	3794.39
MW - 28	05/19/15	3858.60	-	64.20	0.00	3794.40
MW - 28	06/02/15	3858.60	-	64.11	0.00	3794.49
MW - 28	06/11/15	3858.60	-	64.13	0.00	3794.47
MW - 28	06/17/15	3858.60	-	64.13	0.00	3794.47
MW - 28	06/25/15	3858.60	-	64.13	0.00	3794.47
MW - 28	07/01/15	3858.60	-	64.16	0.00	3794.44
MW - 28	07/08/15	3858.60	-	64.17	0.00	3794.43
MW - 28	07/15/15	3858.60	-	64.17	0.00	3794.43
MW - 28	07/22/15	3858.60	-	64.31	0.00	3794.29
MW - 28	07/29/15	3858.60	-	64.18	0.00	3794.42
MW - 28	07/31/15	3858.60	-	64.21	0.00	3794.39
MW - 28	08/06/15	3858.60	-	64.17	0.00	3794.43
MW - 28	08/12/15	3858.60	-	64.19	0.00	3794.41
MW - 28	08/17/15	3858.60	-	64.20	0.00	3794.40
MW - 28	08/19/15	3858.60	-	64.22	0.00	3794.38
MW - 28	08/27/15	3858.60	-	64.19	0.00	3794.41
MW - 28	09/03/15	3858.60	-	64.21	0.00	3794.39

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 28	09/09/15	3858.60	-	64.27	0.00	3794.33
MW - 28	09/11/15	3858.60	-	64.34	0.00	3794.26
MW - 28	09/15/15	3858.60	-	64.32	0.00	3794.28
MW - 28	09/22/15	3858.60	-	64.30	0.00	3794.30
MW - 28	09/30/15	3858.60	-	64.32	0.00	3794.28
MW - 28	10/06/15	3858.60	-	64.31	0.00	3794.29
MW - 28	10/13/15	3858.60	-	64.31	0.00	3794.29
MW - 28	10/22/15	3858.60	-	64.38	0.00	3794.22
MW - 28	10/27/15	3858.60	-	64.37	0.00	3794.23
MW - 28	11/11/15	3858.60	-	64.34	0.00	3794.26
MW - 28	11/18/15	3858.60	-	64.28	0.00	3794.32
MW - 28	12/03/15	3858.60	-	64.39	0.00	3794.21
MW - 28	12/10/15	3858.60	-	64.28	0.00	3794.32
MW - 28	12/22/15	3858.60	-	64.40	0.00	3794.20
MW - 28	01/08/16	3858.60	-	64.47	0.00	3794.13
MW - 28	01/14/16	3858.60	-	64.28	0.00	3794.32
MW - 28	01/28/16	3858.60	-	64.38	0.00	3794.22
MW - 28	02/02/16	3858.60	-	64.45	0.00	3794.15
MW - 28	02/09/16	3858.60	-	64.33	0.00	3794.27
MW - 28	03/02/16	3858.60	-	64.47	0.00	3794.13
MW - 28	03/09/16	3858.60	-	64.52	0.00	3794.08
MW - 28	03/17/16	3858.60	-	64.46	0.00	3794.14
MW - 28	04/06/16	3858.60	-	64.46	0.00	3794.14
MW - 28	04/13/16	3858.60	-	64.48	0.00	3794.12
MW - 28	04/20/16	3858.60	-	64.48	0.00	3794.12
MW - 28	04/27/16	3858.60	-	64.51	0.00	3794.09
MW - 28	04/28/16	3858.60	-	64.51	0.00	3794.09
MW - 28	05/05/16	3858.60	-	64.50	0.00	3794.10
MW - 28	05/10/16	3858.60	-	64.50	0.00	3794.10
MW - 28	06/08/16	3858.60	-	64.63	0.00	3793.97
MW - 28	06/15/16	3858.60	-	64.61	0.00	3793.99
MW - 28	06/21/16	3858.60	-	64.55	0.00	3794.05
MW - 28	06/30/16	3858.60	-	64.57	0.00	3794.03
MW - 28	07/01/16	3858.60	-	64.57	0.00	3794.03
MW - 28	07/15/16	3858.60	-	64.59	0.00	3794.01
MW - 28	07/21/16	3858.60	-	64.59	0.00	3794.01
MW - 28	07/28/16	3858.60	-	64.53	0.00	3794.07
MW - 28	08/02/16	3858.60	-	64.60	0.00	3794.00
MW - 28	08/09/16	3858.60	-	64.47	0.00	3794.13
MW - 28	08/16/16	3858.60	-	64.49	0.00	3794.11
MW - 28	08/25/16	3858.60	-	64.60	0.00	3794.00
MW - 28	09/08/16	3858.60	-	64.61	0.00	3793.99

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 28	9/14/16 -9/15/2016	3858.60	-	64.63	0.00	3793.97
MW - 28	09/22/16	3858.60	-	64.65	0.00	3793.95
MW - 28	09/29/16	3858.60	-	64.67	0.00	3793.93
MW - 28	10/13/16	3858.60	-	64.67	0.00	3793.93
MW - 28	10/20/16	3858.60	-	64.68	0.00	3793.92
MW - 28	10/27/16	3858.60	-	64.58	0.00	3794.02
MW - 28	11/10/16	3858.60	-	64.61	0.00	3793.99
MW - 28	11/16/16	3858.60	-	64.59	0.00	3794.01
MW - 28	12/09/16	3858.60	-	64.63	0.00	3793.97
MW - 28	12/14/16	3858.60	-	64.66	0.00	3793.94
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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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	02/22/10	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
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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

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

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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 - 29	01/07/15	3858.54	-	64.56	0.00	3793.98
MW - 29	01/15/15	3858.54	-	64.54	0.00	3794.00
MW - 29	02/05/15	3858.54	-	64.54	0.00	3794.00
MW - 29	02/11/15	3858.54	-	64.55	0.00	3793.99
MW - 29	02/20/15	3858.54	-	64.51	0.00	3794.03
MW - 29	03/06/15	3858.54	-	64.55	0.00	3793.99
MW - 29	03/11/15	3858.54	-	64.56	0.00	3793.98
MW - 29	03/13/15	3858.54	-	64.56	0.00	3793.98
MW - 29	03/17/15	3858.54	-	64.53	0.00	3794.01
MW - 29	04/01/15	3858.54	-	64.57	0.00	3793.97
MW - 29	04/09/15	3858.54	-	64.58	0.00	3793.96
MW - 29	04/15/15	3858.54	-	64.57	0.00	3793.97
MW - 29	04/17/15	3858.54	-	61.86	0.00	3796.68
MW - 29	04/28/15	3858.54	-	64.59	0.00	3793.95

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 29	05/19/15	3858.54	-	64.61	0.00	3793.93
MW - 29	06/02/15	3858.54	-	64.52	0.00	3794.02
MW - 29	06/11/15	3858.54	-	64.55	0.00	3793.99
MW - 29	06/17/15	3858.54	-	64.55	0.00	3793.99
MW - 29	06/25/15	3858.54	-	64.55	0.00	3793.99
MW - 29	07/01/15	3858.54	-	64.58	0.00	3793.96
MW - 29	07/08/15	3858.54	-	64.59	0.00	3793.95
MW - 29	07/15/15	3858.54	-	64.58	0.00	3793.96
MW - 29	07/22/15	3858.54	-	64.82	0.00	3793.72
MW - 29	07/29/15	3858.54	-	64.60	0.00	3793.94
MW - 29	07/31/15	3858.54	-	64.21	0.00	3794.33
MW - 29	08/06/15	3858.54	-	64.59	0.00	3793.95
MW - 29	08/12/15	3858.54	-	64.60	0.00	3793.94
MW - 29	08/17/15	3858.54	-	64.62	0.00	3793.92
MW - 29	08/19/15	3858.54	-	64.66	0.00	3793.88
MW - 29	08/27/15	3858.54	-	64.61	0.00	3793.93
MW - 29	09/03/15	3858.54	-	64.63	0.00	3793.91
MW - 29	09/09/15	3858.54	-	64.68	0.00	3793.86
MW - 29	09/11/15	3858.54	-	64.72	0.00	3793.82
MW - 29	09/15/15	3858.54	-	64.66	0.00	3793.88
MW - 29	09/22/15	3858.54	-	64.70	0.00	3793.84
MW - 29	09/30/15	3858.54	-	64.73	0.00	3793.81
MW - 29	10/06/15	3858.54	-	64.71	0.00	3793.83
MW - 29	10/13/15	3858.54	-	64.72	0.00	3793.82
MW - 29	10/22/15	3858.54	-	64.74	0.00	3793.80
MW - 29	10/27/15	3858.54	-	64.75	0.00	3793.79
MW - 29	11/11/15	3858.54	-	64.74	0.00	3793.80
MW - 29	11/18/15	3858.54	-	64.67	0.00	3793.87
MW - 29	12/03/15	3858.54	-	64.78	0.00	3793.76
MW - 29	12/10/15	3858.54	-	64.67	0.00	3793.87
MW - 29	12/22/15	3858.54	-	64.80	0.00	3793.74
MW - 29	01/08/16	3858.54	-	64.84	0.00	3793.70
MW - 29	01/14/16	3858.54	-	64.66	0.00	3793.88
MW - 29	01/28/16	3858.54	-	64.81	0.00	3793.73
MW - 29	02/02/16	3858.54	-	64.81	0.00	3793.73
MW - 29	02/09/16	3858.54	-	64.74	0.00	3793.80
MW - 29	03/02/16	3858.54	-	64.85	0.00	3793.69
MW - 29	03/09/16	3858.54	-	64.84	0.00	3793.70
MW - 29	03/17/16	3858.54	-	64.79	0.00	3793.75
MW - 29	04/06/16	3858.54	-	64.85	0.00	3793.69
MW - 29	04/13/16	3858.54	-	64.87	0.00	3793.67
MW - 29	04/20/16	3858.54	-	64.77	0.00	3793.77

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 29	04/27/16	3858.54	-	64.88	0.00	3793.66
MW - 29	04/28/16	3858.54	-	64.88	0.00	3793.66
MW - 29	05/05/16	3858.54	-	64.88	0.00	3793.66
MW - 29	05/10/16	3858.54	-	64.91	0.00	3793.63
MW - 29	06/08/16	3858.54	-	64.95	0.00	3793.59
MW - 29	06/21/16	3858.54	-	64.94	0.00	3793.60
MW - 29	06/30/16	3858.54	-	64.94	0.00	3793.60
MW - 29	07/01/16	3858.54	-	64.94	0.00	3793.60
MW - 29	07/15/16	3858.54	-	64.93	0.00	3793.61
MW - 29	07/21/16	3858.54	-	64.97	0.00	3793.57
MW - 29	07/28/16	3858.54	-	64.93	0.00	3793.61
MW - 29	08/02/16	3858.54	-	65.01	0.00	3793.53
MW - 29	08/09/16	3858.54	-	64.89	0.00	3793.65
MW - 29	08/16/16	3858.54	-	64.89	0.00	3793.65
MW - 29	08/25/16	3858.54	-	64.96	0.00	3793.58
MW - 29	09/01/16	3858.54	-	65.00	0.00	3793.54
MW - 29	09/08/16	3858.54	-	65.00	0.00	3793.54
MW - 29	9/14/16 -9/15/2016	3858.54	-	65.01	0.00	3793.53
MW - 29	09/22/16	3858.54	-	65.00	0.00	3793.54
MW - 29	09/29/16	3858.54	-	65.04	0.00	3793.50
MW - 29	10/13/16	3858.54	-	65.05	0.00	3793.49
MW - 29	10/20/16	3858.54	-	65.08	0.00	3793.46
MW - 29	10/27/16	3858.54	-	65.05	0.00	3793.49
MW - 29	11/10/16	3858.54	-	65.03	0.00	3793.51
MW - 29	11/16/16	3858.54	-	65.08	0.00	3793.46
MW - 29	12/09/16	3858.54	-	65.07	0.00	3793.47
MW - 29	12/14/16	3858.54	-	65.12	0.00	3793.42
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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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 - 30	02/10/15	3858.35	-	63.04	0.00	3795.31

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 30	03/11/15	3858.35	-	63.06	0.00	3795.29
MW - 30	04/17/15	3858.35	-	62.07	0.00	3796.28
MW - 30	05/19/15	3858.35	-	63.09	0.00	3795.26
MW - 30	07/31/15	3858.35	-	63.12	0.00	3795.23
MW - 30	08/12/15	3858.35	-	63.16	0.00	3795.19
MW - 30	09/11/15	3858.35	-	63.16	0.00	3795.19
MW - 30	11/10/15	3858.35	-	63.23	0.00	3795.12
MW - 30	02/02/16	3858.35	-	63.34	0.00	3795.01
MW - 30	04/28/16	3858.35	-	63.38	0.00	3794.97
MW - 30	05/10/16	3858.35	-	63.40	0.00	3794.95
MW - 30	07/01/16	3858.35	-	63.42	0.00	3794.93
MW - 30	07/29/16	3858.35	-	63.46	0.00	3794.89
MW - 30	08/08/16	3858.35	-	63.46	0.00	3794.89
MW - 30	09/15/16	3858.35	-	63.45	0.00	3794.90
MW - 30	11/15/16	3858.35	-	63.55	0.00	3794.80
MW - 30	12/14/16	3858.35	-	63.62	0.00	3794.73
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
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

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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 - 31	02/10/15	3858.52	-	63.89	0.00	3794.63
MW - 31	03/11/15	3858.52	-	63.91	0.00	3794.61
MW - 31	04/17/15	3858.52	-	62.06	0.00	3796.46
MW - 31	05/19/15	3858.52	-	63.94	0.00	3794.58
MW - 31	07/31/15	3858.52	-	64.01	0.00	3794.51
MW - 31	08/12/15	3858.52	-	64.03	0.00	3794.49
MW - 31	09/11/15	3858.52	-	64.05	0.00	3794.47
MW - 31	11/10/15	3858.52	-	64.09	0.00	3794.43
MW - 31	02/02/16	3858.52	-	64.17	0.00	3794.35
MW - 31	04/28/16	3858.52	-	64.24	0.00	3794.28
MW - 31	05/10/16	3858.52	-	64.25	0.00	3794.27
MW - 31	07/01/16	3858.52	-	64.30	0.00	3794.22

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 31	07/29/16	3858.52	-	64.31	0.00	3794.21
MW - 31	08/08/16	3858.52	-	64.33	0.00	3794.19
MW - 31	09/15/16	3858.52	-	64.35	0.00	3794.17
MW - 31	11/15/16	3858.52	-	64.43	0.00	3794.09
MW - 31	12/14/16	3858.52	-	64.49	0.00	3794.03
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	02/22/10	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
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

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

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

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

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

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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-32	01/07/15	3858.07	-	64.21	0.00	3793.86
MW-32	01/15/15	3858.07	-	64.29	0.00	3793.78
MW-32	02/05/15	3858.07	-	64.27	0.00	3793.80
MW-32	02/11/15	3858.07	-	64.23	0.00	3793.84
MW-32	02/20/15	3858.07	-	64.30	0.00	3793.77
MW-32	03/06/15	3858.07	-	64.28	0.00	3793.79
MW-32	03/11/15	3858.07	-	64.29	0.00	3793.78
MW-32	03/13/15	3858.07	-	64.34	0.00	3793.73
MW-32	03/17/15	3858.07	-	64.26	0.00	3793.81
MW-32	04/01/15	3858.07	-	64.25	0.00	3793.82
MW-32	04/09/15	3858.07	-	64.31	0.00	3793.76
MW-32	04/15/15	3858.07	-	64.33	0.00	3793.74
MW-32	04/17/15	3858.07	-	62.01	0.00	3796.06
MW-32	04/28/15	3858.07	-	64.32	0.00	3793.75
MW-32	05/19/15	3858.07	-	64.26	0.00	3793.81
MW-32	06/02/15	3858.07	-	64.25	0.00	3793.82
MW-32	06/11/15	3858.07	-	64.28	0.00	3793.79
MW-32	06/17/15	3858.07	-	64.28	0.00	3793.79
MW-32	06/25/15	3858.07	-	64.28	0.00	3793.79
MW-32	07/01/15	3858.07	-	64.29	0.00	3793.78
MW-32	07/08/15	3858.07	-	64.31	0.00	3793.76
MW-32	07/15/15	3858.07	-	64.31	0.00	3793.76
MW-32	07/22/15	3858.07	-	64.57	0.00	3793.50
MW-32	07/29/15	3858.07	-	64.33	0.00	3793.74
MW-32	07/31/15	3858.07	-	64.25	0.00	3793.82
MW-32	08/06/15	3858.07	-	64.33	0.00	3793.74
MW-32	08/12/15	3858.07	-	64.15	0.00	3793.92
MW-32	08/17/15	3858.07	-	64.16	0.00	3793.91
MW-32	08/19/15	3858.07	-	64.34	0.00	3793.73

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-32	08/27/15	3858.07	-	64.32	0.00	3793.75
MW-32	09/03/15	3858.07	-	64.36	0.00	3793.71
MW-32	09/09/15	3858.07	-	64.45	0.00	3793.62
MW-32	09/11/15	3858.07	-	64.46	0.00	3793.61
MW-32	09/15/15	3858.07	-	64.44	0.00	3793.63
MW-32	09/22/15	3858.07	-	64.42	0.00	3793.65
MW-32	09/30/15	3858.07	-	64.45	0.00	3793.62
MW-32	10/06/15	3858.07	-	64.41	0.00	3793.66
MW-32	10/13/15	3858.07	-	64.63	0.00	3793.44
MW-32	10/22/15	3858.07	-	64.50	0.00	3793.57
MW-32	10/27/15	3858.07	-	64.49	0.00	3793.58
MW-32	11/11/15	3858.07	-	64.48	0.00	3793.59
MW-32	11/18/15	3858.07	-	64.36	0.00	3793.71
MW-32	12/03/15	3858.07	-	64.55	0.00	3793.52
MW-32	12/10/15	3858.07	-	64.40	0.00	3793.67
MW-32	12/22/15	3858.07	-	64.52	0.00	3793.55
MW-32	01/08/16	3858.07	-	64.60	0.00	3793.47
MW-32	01/14/16	3858.07	-	64.41	0.00	3793.66
MW-32	01/28/16	3858.07	-	64.49	0.00	3793.58
MW-32	02/02/16	3858.07	-	64.56	0.00	3793.51
MW-32	02/09/16	3858.07	-	64.47	0.00	3793.60
MW-32	03/02/16	3858.07	-	64.57	0.00	3793.50
MW-32	03/09/16	3858.07	-	64.57	0.00	3793.50
MW-32	03/17/16	3858.07	-	64.52	0.00	3793.55
MW-32	04/06/16	3858.07	-	64.55	0.00	3793.52
MW-32	04/13/16	3858.07	-	64.61	0.00	3793.46
MW-32	04/20/16	3858.07	-	64.50	0.00	3793.57
MW-32	04/27/16	3858.07	-	64.64	0.00	3793.43
MW-32	04/28/16	3858.07	-	64.64	0.00	3793.43
MW-32	05/05/16	3858.07	-	64.63	0.00	3793.44
MW-32	05/10/16	3858.07	-	64.64	0.00	3793.43
MW-32	06/15/16	3858.07	-	64.64	0.00	3793.43
MW-32	06/21/16	3858.07	-	64.69	0.00	3793.38
MW-32	06/30/16	3858.07	-	64.66	0.00	3793.41
MW-32	07/01/16	3858.07	-	64.66	0.00	3793.41
MW-32	07/15/16	3858.07	-	64.65	0.00	3793.42
MW-32	07/21/16	3858.07	-	64.74	0.00	3793.33
MW-32	07/28/16	3858.07	-	64.63	0.00	3793.44
MW-32	08/02/16	3858.07	-	64.71	0.00	3793.36
MW-32	08/09/16	3858.07	-	64.72	0.00	3793.35
MW-32	08/16/16	3858.07	-	64.62	0.00	3793.45
MW-32	08/25/16	3858.07	-	64.67	0.00	3793.40

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-32	09/01/16	3858.07	-	64.75	0.00	3793.32
MW-32	09/08/16	3858.07	-	64.77	0.00	3793.30
MW-32	9/14/16 -9/15/2016	3858.07	-	64.69	0.00	3793.38
MW-32	09/22/16	3858.07	-	64.78	0.00	3793.29
MW-32	09/29/16	3858.07	-	64.81	0.00	3793.26
MW-32	10/13/16	3858.07	-	64.82	0.00	3793.25
MW-32	10/20/16	3858.07	-	64.82	0.00	3793.25
MW-32	10/27/16	3858.07	-	64.84	0.00	3793.23
MW-32	11/10/16	3858.07	-	64.77	0.00	3793.30
MW-32	11/16/16	3858.07	-	64.80	0.00	3793.27
MW-32	12/09/16	3858.07	-	64.83	0.00	3793.24
MW-32	12/14/16	3858.07	-	64.92	0.00	3793.15
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
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

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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-33	02/10/15	3858.36	-	64.78	0.00	3793.58
MW-33	03/11/15	3858.36	-	64.81	0.00	3793.55
MW-33	04/17/15	3858.36	-	62.43	0.00	3795.93
MW-33	05/19/15	3858.36	-	64.84	0.00	3793.52
MW-33	07/31/15	3858.36	-	64.92	0.00	3793.44
MW-33	08/12/15	3858.36	-	64.91	0.00	3793.45
MW-33	09/11/15	3858.36	-	64.97	0.00	3793.39
MW-33	11/10/15	3858.36	-	64.99	0.00	3793.37
MW-33	02/02/16	3858.36	-	65.07	0.00	3793.29
MW-33	04/28/16	3858.36	-	65.13	0.00	3793.23
MW-33	05/10/16	3858.36	-	65.16	0.00	3793.20
MW-33	07/01/16	3858.36	-	65.18	0.00	3793.18
MW-33	07/29/16	3858.36	-	65.22	0.00	3793.14
MW-33	08/08/16	3858.36	-	65.22	0.00	3793.14
MW-33	09/15/16	3858.36	-	65.25	0.00	3793.11
MW-33	11/15/16	3858.36	-	65.34	0.00	3793.02
MW-33	12/14/16	3858.36	-	65.40	0.00	3792.96
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

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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	02/22/10	3857.91	-	63.34	0.00	3794.57
MW-34	05/06/10	3857.91	-	63.46	0.00	3794.45
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-34	02/10/15	3857.91	-	64.69	0.00	3793.22
MW-34	03/11/15	3857.91	-	64.72	0.00	3793.19
MW-34	04/17/15	3857.91	-	60.82	0.00	3797.09
MW-34	05/19/15	3857.91	-	64.76	0.00	3793.15
MW-34	07/31/15	3857.91	-	64.84	0.00	3793.07
MW-34	08/12/15	3857.91	-	64.83	0.00	3793.08
MW-34	09/11/15	3857.91	-	64.86	0.00	3793.05
MW-34	11/10/15	3857.91	-	64.89	0.00	3793.02

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-34	02/02/16	3857.91	-	64.98	0.00	3792.93
MW-34	04/28/16	3857.91	-	65.03	0.00	3792.88
MW-34	05/10/16	3857.91	-	65.05	0.00	3792.86
MW-34	07/01/16	3857.91	-	65.09	0.00	3792.82
MW-34	07/29/16	3857.91	-	65.14	0.00	3792.77
MW-34	08/08/16	3857.91	-	65.12	0.00	3792.79
MW-34	09/15/16	3857.91	-	65.16	0.00	3792.75
MW-34	11/15/16	3857.91	-	65.25	0.00	3792.66
MW-34	12/14/16	3857.91	-	65.31	0.00	3792.60
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	02/22/10	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

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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-35	02/11/15	3857.16	-	64.23	0.00	3792.93
MW-35	03/11/15	3857.16	-	64.24	0.00	3792.92
MW-35	04/17/15	3857.16	-	62.18	0.00	3794.98
MW-35	05/19/15	3857.16	-	64.29	0.00	3792.87
MW-35	07/31/15	3857.16	-	64.35	0.00	3792.81
MW-35	08/12/15	3857.16	-	64.36	0.00	3792.80
MW-35	09/11/15	3857.16	-	64.38	0.00	3792.78
MW-35	11/11/15	3857.16	-	64.44	0.00	3792.72
MW-35	02/02/16	3857.16	-	64.49	0.00	3792.67
MW-35	04/28/16	3857.16	-	64.55	0.00	3792.61
MW-35	05/10/16	3857.16	-	64.57	0.00	3792.59
MW-35	07/01/16	3857.16	-	64.63	0.00	3792.53
MW-35	07/29/16	3857.16	-	64.65	0.00	3792.51
MW-35	08/09/16	3857.16	-	64.65	0.00	3792.51
MW-35	09/15/16	3857.16	-	64.68	0.00	3792.48
MW-35	11/16/16	3857.16	-	64.77	0.00	3792.39
MW-35	12/14/16	3857.16	-	64.82	0.00	3792.34
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

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-36	02/22/10	3858.80	-	63.48	0.00	3795.32
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-36	02/10/15	3858.80	-	64.82	0.00	3793.98
MW-36	03/11/15	3858.80	-	64.86	0.00	3793.94
MW-36	04/17/15	3858.80	-	62.18	0.00	3796.62
MW-36	05/19/15	3858.80	-	64.88	0.00	3793.92
MW-36	07/31/15	3858.80	-	58.96	0.00	3799.84
MW-36	08/12/15	3858.80	-	64.96	0.00	3793.84
MW-36	09/11/15	3858.80	-	65.01	0.00	3793.79
MW-36	11/10/15	3858.80	-	65.02	0.00	3793.78
MW-36	02/02/16	3858.80	-	65.12	0.00	3793.68
MW-36	04/28/16	3858.80	-	65.16	0.00	3793.64
MW-36	05/10/16	3858.80	-	65.16	0.00	3793.64
MW-36	07/01/16	3858.80	-	65.22	0.00	3793.58
MW-36	07/29/16	3858.80	-	65.26	0.00	3793.54
MW-36	08/08/16	3858.80	-	65.24	0.00	3793.56
MW-36	09/15/16	3858.80	-	65.29	0.00	3793.51
MW-36	11/15/16	3858.80	-	65.38	0.00	3793.42
MW-36	12/14/16	3858.80	-	65.42	0.00	3793.38

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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-37	02/10/15	3857.69	-	63.80	0.00	3793.89
MW-37	03/11/15	3857.69	-	63.81	0.00	3793.88
MW-37	04/17/15	3857.69	-	62.31	0.00	3795.38
MW-37	05/19/15	3857.69	-	63.86	0.00	3793.83
MW-37	07/31/15	3857.69	-	63.90	0.00	3793.79

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-37	08/12/15	3857.69	-	63.93	0.00	3793.76
MW-37	09/11/15	3857.69	-	63.95	0.00	3793.74
MW-37	11/10/15	3857.69	-	64.00	0.00	3793.69
MW-37	02/02/16	3857.69	-	64.07	0.00	3793.62
MW-37	04/28/16	3857.69	-	64.14	0.00	3793.55
MW-37	05/10/16	3857.69	-	64.95	0.00	3792.74
MW-37	07/01/16	3857.69	-	64.19	0.00	3793.50
MW-37	07/29/16	3857.69	-	64.22	0.00	3793.47
MW-37	08/09/16	3857.69	-	64.20	0.00	3793.49
MW-37	09/15/16	3857.69	-	64.25	0.00	3793.44
MW-37	11/15/16	3857.69	-	64.34	0.00	3793.35
MW-37	12/14/16	3857.69	-	64.37	0.00	3793.32
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
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

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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-38	02/11/15	3855.95	-	62.57	0.00	3793.38
MW-38	03/11/15	3855.95	-	62.59	0.00	3793.36
MW-38	04/17/15	3855.95	-	62.36	0.00	3793.59
MW-38	05/19/15	3855.95	-	62.64	0.00	3793.31
MW-38	07/31/15	3855.95	-	62.67	0.00	3793.28
MW-38	08/12/15	3855.95	-	62.70	0.00	3793.25
MW-38	09/11/15	3855.95	-	62.72	0.00	3793.23
MW-38	11/10/15	3855.95	-	62.76	0.00	3793.19
MW-38	02/02/16	3855.95	-	62.84	0.00	3793.11
MW-38	04/28/16	3855.95	-	62.89	0.00	3793.06
MW-38	05/10/16	3855.95	-	62.92	0.00	3793.03
MW-38	07/01/16	3855.95	-	62.97	0.00	3792.98
MW-38	07/29/16	3855.95	-	63.00	0.00	3792.95
MW-38	08/09/16	3855.95	-	62.98	0.00	3792.97
MW-38	09/15/16	3855.95	-	63.03	0.00	3792.92
MW-38	11/15/16	3855.95	-	63.11	0.00	3792.84
MW-38	12/14/16	3855.95	-	63.16	0.00	3792.79
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	-

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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	-
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-39	02/11/15	-	-	63.53	0.00	-
MW-39	03/11/15	-	-	63.57	0.00	-
MW-39	04/17/15	-	-	60.04	0.00	-
MW-39	05/19/15	-	-	63.63	0.00	-
MW-39	07/31/15	-	-	63.70	0.00	-
MW-39	08/12/15	-	-	63.69	0.00	-
MW-39	09/11/15	-	-	63.76	0.00	-
MW-39	11/10/15	-	-	63.79	0.00	-
MW-39	02/02/16	-	-	63.87	0.00	-
MW-39	04/28/16	-	-	63.92	0.00	-
MW-39	05/10/16	-	-	63.94	0.00	-
MW-39	07/01/16	-	-	63.99	0.00	-
MW-39	07/29/16	-	-	64.04	0.00	-
MW-39	08/09/16	-	-	64.03	0.00	-
MW-39	11/15/16	-	-	64.16	0.00	-
MW-39	12/14/16	-	-	64.23	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	-

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

	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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	-
MW-40	02/11/15	-	-	65.40	0.00	-
MW-40	03/11/15	-	-	65.44	0.00	-
MW-40	04/17/15	-	-	61.85	0.00	-
MW-40	05/19/15	-	-	65.46	0.00	-
MW-40	07/31/15	-	-	65.54	0.00	-
MW-40	08/12/15	-	-	65.54	0.00	-
MW-40	09/11/15	-	-	65.59	0.00	-
MW-40	11/10/15	-	-	65.61	0.00	-
MW-40	02/02/16	-	-	65.70	0.00	-
MW-40	04/28/16	-	-	65.75	0.00	-
MW-40	05/10/16	-	-	65.76	0.00	-
MW-40	07/01/16	-	-	65.81	0.00	-
MW-40	07/29/16	-	-	65.86	0.00	-
MW-40	08/09/16	-	-	65.84	0.00	-
MW-40	09/15/16	-	-	65.87	0.00	-
MW-40	11/15/16	-	-	65.98	0.00	-
MW-40	12/14/16	-	-	66.01	0.00	-

TABLE 1

HISTORIC GROUNDWATER ELEVATION DATA

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

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

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	02/19/14	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 - 1	02/10/15	Not Sampled Due to PSH in Well				
MW - 1	05/20/15	Not Sampled Due to PSH in Well				
MW - 1	08/13/15	Not Sampled Due to PSH in Well				
MW - 1	11/10/15	Not Sampled Due to PSH in Well				
MW - 1	02/02/16	Not Sampled Due to PSH in Well				
MW - 1	05/11/16	Not Sampled Due to PSH in Well				
MW - 1	08/09/16	Not Sampled Due to PSH in Well				
MW - 1	11/15/16	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

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	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				
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				

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	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	
MW - 2	02/10/15	Not Sampled on Current Sample Schedule				
MW - 2	05/20/15	Not Sampled on Current Sample Schedule				
MW - 2	08/13/15	Not Sampled on Current Sample Schedule				
MW - 2	11/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 2	02/02/16	Not Sampled on Current Sample Schedule				
MW - 2	05/11/16	Not Sampled on Current Sample Schedule				
MW - 2	08/09/16	Not Sampled on Current Sample Schedule				
MW - 2	11/15/16	<0.00100	<0.00100	<0.00100	<0.00100	
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	

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	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	
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 - 3	02/10/15	Not Sampled on Current Sample Schedule				
MW - 3	05/20/15	Not Sampled on Current Sample Schedule				
MW - 3	08/13/15	Not Sampled on Current Sample Schedule				
MW - 3	11/10/15	<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	02/02/16	Not Sampled on Current Sample Schedule				
MW - 3	05/11/16	Not Sampled on Current Sample Schedule				
MW - 3	08/09/16	Not Sampled on Current Sample Schedule				
MW - 3	11/15/16	<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
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				

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	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				
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 - 4	02/10/15	Not Sampled Due to PSH in Well				
MW - 4	05/20/15	Not Sampled Due to PSH in Well				
MW - 4	08/13/15	Not Sampled Due to PSH in Well				
MW - 4	11/10/15	Not Sampled Due to PSH in Well				
MW - 4	02/02/16	Not Sampled Due to PSH in Well				
MW - 4	05/11/16	Not Sampled Due to PSH in Well				
MW - 4	08/09/16	Not Sampled Due to PSH in Well				
MW - 4	11/12/16	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

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	09/02/00	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	
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	

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	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 - 6	02/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	05/20/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	08/13/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	11/11/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	02/03/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	05/11/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	08/09/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	11/15/16	<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 - 7	11/25/14	Not Sampled Due to PSH in Well				
MW - 7	02/10/15	Not Sampled Due to PSH in Well				
MW - 7	05/20/15	Not Sampled Due to PSH in Well				
MW - 7	08/13/15	Not Sampled Due to PSH in Well				
MW - 7	11/10/15	Not Sampled Due to PSH in Well				
MW - 7	02/02/16	Not Sampled Due to PSH in Well				
MW - 7	05/11/16	Not Sampled Due to PSH in Well				
MW - 7	08/09/16	Not Sampled Due to PSH in Well				
MW - 7	11/12/16	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	

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	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
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 - 9	02/10/15	0.0163	<0.00100	<0.00100	<0.00100
MW - 9	05/20/15	0.0400	<0.00100	0.0108	0.00320

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	08/13/15	0.133	<0.00100	0.0222	0.00960	
MW - 9	11/11/15	0.0512	<0.00100	0.00830	0.00660	
MW - 9	02/03/16	0.0543	<0.00100	0.01210	<0.00100	
MW - 9	05/11/16	0.00140	<0.00100	<0.00100	<0.00100	
MW - 9	08/09/16	0.112	<0.00100	0.0207	0.00870	
MW - 9	11/16/16	0.0749	<0.00100	0.00670	0.00130	
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
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	

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 - 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	
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 - 10	02/10/15	0.00660	<0.00100	0.0404	<0.00100	
MW - 10	05/20/15	0.00390	<0.00100	0.0399	<0.00100	
MW - 10	08/13/15	0.00150	<0.00100	0.0364	<0.00100	
MW - 10	11/11/15	<0.00100	<0.00100	0.128	<0.00100	
MW - 10	02/03/16	<0.00100	<0.00100	0.0103	<0.00100	
MW - 10	05/11/16	<0.00100	<0.00100	0.0720	<0.00100	
MW - 10	08/09/16	0.00110	<0.00100	0.0434	<0.00100	
MW - 10	11/16/16	<0.00100	<0.00100	0.00200	<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

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	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	
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	

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	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 - 11	02/10/15	Not Sampled Due to PSH in Well				
MW - 11	05/20/15	Not Sampled Due to PSH in Well				
MW - 11	08/13/15	Not Sampled Due to PSH in Well				
MW - 11	11/10/15	Not Sampled Due to PSH in Well				
MW - 11	02/02/16	Not Sampled Due to PSH in Well				
MW - 11	05/11/16	Not Sampled Due to PSH in Well				
MW - 11	08/09/16	Not Sampled Due to PSH in Well				
MW - 11	11/12/16	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
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

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	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	
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	

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 - 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 - 12	02/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	05/20/15	<0.00100	<0.00100	<0.00100	0.00140	
MW - 12	08/13/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	11/11/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	02/03/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	05/11/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	08/09/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	11/15/16	0.00110	<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	

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	03/17/05	Not Sampled on Current Sample Schedule				
MW - 13	06/15/05	Not Sampled on Current Sample Schedule				
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	

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	02/10/15	Not Sampled on Current Sample Schedule				
MW - 13	05/20/15	Not Sampled on Current Sample Schedule				
MW - 13	08/13/15	Not Sampled on Current Sample Schedule				
MW - 13	11/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 13	02/02/16	Not Sampled on Current Sample Schedule				
MW - 13	05/11/16	Not Sampled on Current Sample Schedule				
MW - 13	08/09/16	Not Sampled on Current Sample Schedule				
MW - 13	11/15/16	<0.00212	<0.00212	<0.00212	<0.00212	
MW - 14	08/19/99	8.030	0.21	1.31	0.68	0.364
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	

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 - 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	
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 - 14	02/10/15	2.42	<0.100	<0.100	<0.100	
MW - 14	05/20/15	2.19	<0.0500	<0.0500	<0.0500	
MW - 14	08/13/15	2.39	<0.0500	<0.0500	<0.0500	
MW - 14	11/11/15	2.05	<0.0500	<0.0500	<0.0500	
MW - 14	02/03/16	1.85	<0.0500	<0.0500	<0.0500	
MW - 14	05/11/16	2.10	<0.0500	<0.0500	<0.0500	
MW - 14	08/09/16	1.23	<0.0100	0.0528	<0.0100	
MW - 14	11/16/16	1.47	<0.0100	<0.0100	<0.0100	

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	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
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	

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 - 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	
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 - 15	02/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 15	05/20/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 15	08/13/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 15	11/11/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 15	02/03/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 15	05/11/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 15	08/09/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 15	11/16/16	<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

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 - 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	
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	

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 - 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 - 16	02/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 16	05/20/15	<0.00100	0.00130	<0.00100	<0.00100	
MW - 16	08/13/15	0.0110	0.0142	0.00310	0.00590	
MW - 16	11/11/15	0.0020	0.00210	<0.00100	<0.00100	
MW - 16	02/03/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 16	05/11/16	0.00590	0.00620	0.00150	0.00160	
MW - 16	08/09/16	0.00190	0.00280	0.00120	0.00120	
MW - 16	11/16/16	0.0125	0.00390	<0.00100	0.00260	
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
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

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	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	
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	

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 - 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 - 17	02/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 17	05/20/15	0.00150	<0.00100	<0.00100	0.00200	
MW - 17	08/13/15	0.00110	<0.00100	<0.00100	0.00250	
MW - 17	11/11/15	0.00220	<0.00100	<0.00100	<0.00100	
MW - 17	02/03/16	0.00230	<0.00100	<0.00100	0.00210	
MW - 17	05/11/16	0.00100	<0.00100	<0.00100	0.00140	
MW - 17	08/09/16	0.00450	0.00100	<0.00100	0.00250	
MW - 17	11/16/16	0.00340	0.00100	<0.00100	0.00270	
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	

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	09/13/06	Not Sampled on Current Sample Schedule				
MW - 18	12/05/06	<0.001	<0.001	<0.001	<0.001	
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 - 18	02/10/15	Not Sampled on Current Sample Schedule				
MW - 18	05/20/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 18	08/13/15	Not Sampled on Current Sample Schedule				
MW - 18	11/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 18	02/02/16	Not Sampled on Current Sample Schedule				
MW - 18	05/10/16	<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 - 18	08/09/16	Not Sampled on Current Sample Schedule				
MW - 18	11/15/16	<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
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				

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	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				
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 - 19	02/20/15	Not Sampled on Current Sample Schedule				
MW - 19	05/20/15	Not Sampled on Current Sample Schedule				
MW - 19	08/13/15	Not Sampled on Current Sample Schedule				
MW - 19	11/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 19	02/02/16	Not Sampled on Current Sample Schedule				
MW - 19	05/11/16	Not Sampled on Current Sample Schedule				
MW - 19	08/09/16	Not Sampled on Current Sample Schedule				
MW - 19	11/15/16	<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	

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 - 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
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				

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	09/13/06	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	
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 - 21	02/10/15	Not Sampled on Current Sample Schedule				
MW - 21	05/20/15	Not Sampled on Current Sample Schedule				
MW - 21	08/13/15	Not Sampled on Current Sample Schedule				
MW - 21	11/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 21	02/02/16	Not Sampled on Current Sample Schedule				
MW - 21	05/11/16	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 - 21	08/09/16	Not Sampled on Current Sample Schedule				
MW - 21	11/15/16	<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
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

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	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	
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				

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	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 - 23	02/10/15	Not Sampled on Current Sample Schedule				
MW - 23	05/20/15	Not Sampled on Current Sample Schedule				
MW - 23	08/13/15	Not Sampled on Current Sample Schedule				
MW - 23	11/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 23	02/02/16	Not Sampled on Current Sample Schedule				
MW - 23	05/11/16	Not Sampled on Current Sample Schedule				
MW - 23	08/09/16	Not Sampled on Current Sample Schedule				
MW - 23	11/15/16	<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
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	

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	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
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 - 24	02/10/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 24	05/20/15	<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 - 24	08/13/15	<0.00100	<0.00100	<0.00100	<0.00100		
MW - 24	11/11/15	<0.00100	<0.00100	0.00380	0.0064		
MW - 24	02/03/16	<0.00100	<0.00100	<0.00100	<0.00100		
MW - 24	06/02/16	<0.00100	0.00530	0.00200	0.0111		
MW - 24	08/09/16	0.00100	<0.00100	<0.00100	<0.00100		
MW - 24	11/16/16	0.0270	<0.00100	0.0226	<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					

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	06/11/08	Not Sampled on Current Sample Schedule				
MW - 25	09/10/08	Not Sampled on Current Sample Schedule				
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 - 25	02/10/15	Not Sampled on Current Sample Schedule				
MW - 25	05/20/15	Not Sampled on Current Sample Schedule				
MW - 25	08/13/15	Not Sampled on Current Sample Schedule				
MW - 25	11/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 25	02/02/16	Not Sampled on Current Sample Schedule				
MW - 25	06/02/16	Not Sampled on Current Sample Schedule				
MW - 25	08/09/16	Not Sampled on Current Sample Schedule				
MW - 25	11/15/16	<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

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	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
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	

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 - 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	
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 - 26	02/10/15	0.150	0.00170	0.0200	0.0138	
MW - 26	05/20/15	0.142	0.0264	0.0458	0.0240	
MW - 26	08/13/15	0.194	0.0194	0.0646	0.0243	
MW - 26	11/11/15	0.151	0.0742	0.0827	0.0582	
MW - 26	02/03/16	0.147	0.0235	0.0671	0.0288	
MW - 26	05/11/16	0.147	0.00960	0.0509	0.024	
MW - 26	08/09/16	0.240	0.00330	0.0893	0.0340	
MW - 26	11/16/16	0.311	0.0241	0.125	0.0541	
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

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 - 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
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	

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 - 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	
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 - 28	02/10/15	0.0603	<0.00100	0.00990	<0.00100	
MW - 28	05/20/15	0.0454	<0.00100	0.0160	0.00220	
MW - 28	08/13/15	0.0455	<0.00100	0.0104	0.00110	
MW - 28	11/11/15	0.0547	<0.00100	0.0163	0.00290	
MW - 28	02/03/16	0.0426	<0.00100	0.0270	0.00300	
MW - 28	05/11/16	0.0450	<0.00100	0.0111	0.00180	
MW - 28	08/09/16	0.0313	<0.00100	0.0108	0.00140	
MW - 28	11/16/16	0.0977	<0.00100	0.0507	0.0100	
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

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 - 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	
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	

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 - 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 - 29	02/10/15	0.0810	<0.0500	<0.0500	<0.0500		
MW - 29	05/20/15	0.0243	<0.00100	<0.00100	<0.00100		
MW - 29	08/13/15	0.0131	<0.00100	0.00120	<0.00100		
MW - 29	11/11/15	0.0162	<0.00100	0.00200	<0.00100		
MW - 29	02/03/16	0.0148	<0.00100	0.00170	<0.00100		
MW - 29	05/11/16	0.00200	<0.00100	<0.00100	<0.00100		
MW - 29	08/09/16	0.00240	<0.00100	0.00100	<0.00100		
MW - 29	11/16/16	<0.00100	<0.00100	<0.00100	<0.00100		
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		
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					

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	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 - 30	02/10/15	Not Sampled on Current Sample Schedule				
MW - 30	05/20/15	Not Sampled on Current Sample Schedule				
MW - 30	08/13/15	Not Sampled on Current Sample Schedule				
MW - 30	11/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 30	02/02/16	Not Sampled on Current Sample Schedule				
MW - 30	05/11/16	Not Sampled on Current Sample Schedule				
MW - 30	08/09/16	Not Sampled on Current Sample Schedule				
MW - 30	11/15/16	<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

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	12/09/04	<0.001	<0.001	<0.001	<0.001	
MW - 31	03/17/05	Not Sampled on Current Sample Schedule				
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				

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	11/25/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 31	02/10/15	Not Sampled on Current Sample Schedule				
MW - 31	05/20/15	Not Sampled on Current Sample Schedule				
MW - 31	08/13/15	Not Sampled on Current Sample Schedule				
MW - 31	11/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 31	02/02/16	Not Sampled on Current Sample Schedule				
MW - 31	05/11/16	Not Sampled on Current Sample Schedule				
MW - 31	08/09/16	Not Sampled on Current Sample Schedule				
MW - 31	11/15/16	<0.00100	<0.00100	<0.00100	<0.00100	
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	

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	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	
MW - 32	11/26/14	0.914	<0.0500	<0.0500	<0.0500	
MW - 32	02/10/15	0.515	<0.0500	<0.0500	<0.0500	
MW - 32	05/20/15	0.587	<0.0500	0.0520	0.0783	
MW - 32	08/13/15	0.511	<0.0500	<0.0500	<0.0500	
MW - 32	11/11/15	0.386	<0.0500	<0.0500	<0.0500	
MW - 32	02/03/16	0.535	<0.0500	<0.0500	<0.0500	
MW - 32	05/11/16	0.170	0.00190	0.00650	0.00630	
MW - 32	08/09/16	0.302	0.00140	0.0157	0.00630	
MW - 32	11/16/16	0.174	0.00910	0.0273	0.0199	
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	

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	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	
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 - 33	02/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 33	05/20/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 33	08/12/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 33	11/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 33	02/02/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 33	05/10/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 33	08/08/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 33	11/15/16	<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	

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 - 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	
MW - 34	02/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 34	05/20/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 34	08/12/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 34	11/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 34	02/02/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 34	05/10/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 34	08/08/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 34	11/15/16	<0.00100	<0.00100	<0.00100	<0.00100	
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	

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 - 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 - 35	02/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 35	05/20/15	0.00110	<0.00100	0.00400	0.00170	
MW - 35	08/13/15	0.00190	<0.00100	0.00200	0.00670	
MW - 35	11/11/15	0.00190	<0.00100	<0.00100	0.00450	
MW - 35	02/03/16	0.00140	<0.00100	0.00560	0.00570	
MW - 35	05/11/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 35	08/09/16	<0.00100	<0.00100	0.00110	0.00390	
MW - 35	11/16/16	0.00100	<0.00100	0.00180	0.00510	

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 - 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	
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 - 36	02/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 36	05/20/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 36	08/12/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 36	11/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 36	02/02/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 36	05/11/16	<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
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62	
MW - 36	08/08/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 36	11/15/16	<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	
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 - 37	02/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 37	05/20/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 37	08/13/15	<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
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62		
MW - 37	11/10/15	<0.00100	<0.00100	<0.00100	<0.00100		
MW - 37	02/03/16	<0.00100	<0.00100	<0.00100	<0.00100		
MW - 37	05/11/16	<0.00100	<0.00100	<0.00100	<0.00100		
MW - 37	08/09/16	<0.00100	<0.00100	<0.00100	<0.00100		
MW - 37	11/15/16	<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		
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		

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	02/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 38	05/20/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 38	08/13/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 38	11/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 38	02/03/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 38	05/11/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 38	08/09/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 38	11/15/16	<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	
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 - 39	02/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 39	05/20/15	<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
NMOCD REGULATORY GUIDELINE		0.0100	0.75	0.75	0.62		
MW - 39	08/13/15	<0.00100	<0.00100	<0.00100	<0.00100		
MW - 39	11/10/15	<0.00100	<0.00100	<0.00100	<0.00100		
MW - 39	02/03/16	<0.00100	<0.00100	<0.00100	<0.00100		
MW - 39	05/11/16	<0.00100	<0.00100	<0.00100	<0.00100		
MW - 39	08/09/16	<0.00100	<0.00100	<0.00100	<0.00100		
MW - 39	11/15/16	<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		
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		
MW - 40	02/10/15	<0.00100	<0.00100	<0.00100	<0.00100		
MW - 40	05/20/15	<0.00100	<0.00100	<0.00100	<0.00100		
MW - 40	08/13/15	<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 - 40	11/10/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 40	02/03/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 40	05/11/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 40	08/09/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 40	11/15/16	<0.00100	<0.00100	<0.00100	<0.00100	

TABLE 3

HISTORIC POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS 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.																		
	11/10/15	Not Sampled due to the presence of PSH.																		
	11/15/16	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.																		
	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																		
	11/15/16	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.																		
	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																		
	11/15/16	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4	12/11/08	Not Sampled Due to Insufficient Water Volume																		

TABLE 3

HISTORIC POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS 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			---	
	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	<0.00183	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.																			
	11/10/15	Not Sampled due to the presence of PSH.																			
	11/15/16	Not Sampled due to the presence of PSH.																			
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.																			
	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																			
	11/15/16	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	<0.00463	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.																			
	11/10/15	Not Sampled due to the presence of PSH.																			
	11/15/16	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	

TABLE 3

HISTORIC POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS 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[ghi]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			---	
	11/30/10	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.																			
	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																			
	11/16/16	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		
	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.																			
	11/12/13	Not Sampled as part of Quarterly Monitoring Event.																			
	11/26/14	Not Sampled as part of Quarterly Monitoring Event.																			
	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																			
	11/16/16	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.																			
	11/10/15	Not Sampled due to the presence of PSH.																			
	11/15/16	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.																			

TABLE 3

HISTORIC POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS 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			---
	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.																		
	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																		
	11/15/16	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	
	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.																		
	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																		
	11/15/16	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	<0.000184	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	
	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	0.00677	<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	0.00138	<0.000200	<0.000200	<0.000200	0.00927	0.0457	0.0124	0.00274	
	11/10/15	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	
	11/16/16	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	
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	
	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.																		

HISTORIC POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

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TABLE 3

HISTORIC POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS 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			---
	11/11/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																		
	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																		
	11/15/16	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.																		
	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																		
	11/15/16	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.																		
	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																		
	11/15/16	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.																		
	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 3

HISTORIC POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS 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		---
	11/15/16	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.																	
	11/12/13	Not Sampled as part of Quarterly Monitoring Event.																	
	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																	
	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																	
	11/16/16	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.																	
	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																	
	11/16/16	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	0.00106	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	0.00128	<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.																	
	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																	
	11/16/16	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	0.00247	0.00148	0.000516	0.000618

TABLE 3

HISTORIC POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS 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[ghi]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---
	12/10/09	<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.																		
	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																		
	11/16/16	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	<0.000183	0.000628	<0.000183	0.000394	<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.																		
	11/26/14	Not Sampled as part of Quarterly Monitoring Event.																		
	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																		
	11/16/16	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	<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	<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.																		
	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																		
	11/15/16	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	<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.																		

HISTORIC POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

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TABLE 3

HISTORIC POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS 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			---
	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																		
	11/15/16	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.																		
	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																		
	11/16/16	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	<0.000184	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	<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.																		
	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																		
	11/15/16	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	<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.																		
	11/11/13	Not Sampled as part of Quarterly Monitoring Event.																		
	11/25/14	Not Sampled as part of Quarterly Monitoring Event.																		
	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																		
	11/15/16	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 3

HISTORIC POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS 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-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.																		
	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																		
	11/15/16	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.																		
	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																		
	11/15/16	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.																		
	11/10/15	Not Sampled as part of Quarterly Monitoring Event.																		
	11/15/16	Not Sampled as part of Quarterly Monitoring Event.																		

Appendix A
Release Notification and Corrective Action
(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.
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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
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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:	
Date: 3/21/2005	Phone: (505)441-0965	Attached ☐	

* Attach Additional Sheets If Necessary