

GW-140

**Plains
TNM SFS-11**

**Annual Report
2013**

**2013
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:

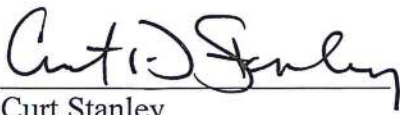
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2013 Annual Monitoring Report
2013 Tables 1, 2 and 3 – Groundwater Elevation, BTEX and PAH Concentration Tables
2013 Figures 1, 2, 3A-3D, 4, 5, 5A-5D, 6, 6A-6D, 7, and 7A-7D
2013 Mobile Dual Phase Extraction Report
Electronic Copies of Laboratory Reports
Historic Tables 1, 2 and 3 – Groundwater Elevation, BTEX and PAH Concentration Tables

INTRODUCTION

On behalf of Plains Marketing, L.P. (Plains), NOVA Safety and Environmental (NOVA) is pleased to submit this 2013 Annual Monitoring Report in compliance with the New Mexico Oil Conservation Division (NMOCD) letter of May 1998 requiring submittal of an Annual Monitoring Report by April 1 of each year. Beginning on May 29, 2004, project management responsibilities were assumed by NOVA. 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 2012 only. However, historical data tables as well as 2013 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 2013 to assess the levels and extent of dissolved phase constituents and Phase Separated Hydrocarbon (PSH). Each groundwater monitoring event consisted of measuring static water levels in monitor wells, checking for the presence of PSH on the water column and purging and sampling of each well exhibiting sufficient recharge. Groundwater samples from monitor wells containing a thickness of PSH greater than 0.01 feet at the time of sampling were not sampled during the reporting period.

SITE DESCRIPTION AND BACKGROUND INFORMATION

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

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

Initial site investigation actions were performed for TNM and EOTT by previous consultants. A total of 25 soil borings/groundwater monitoring wells (MW-1 through MW-25) were installed

prior to October 1999, and six monitor wells were installed between May 2000 and December 2001. In 2004, two additional monitor wells (MW-32 and MW-33) were installed.

In March 2006, one soil boring (SB-106) was advanced and two monitor wells (MW-34 and MW-35) were installed. In September 2006, one soil boring (SB-206) was advanced and three monitor wells (MW-36, MW-37, and MW-38) were installed.

On November 27, 2007, two additional monitor wells (MW-39 and MW-40) were installed to further delineate the down gradient impact to groundwater.

Of the 40 monitor wells installed at the site since project inception, two 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 approval from the NMOCD.

There are currently 35 monitor wells on site.

FIELD ACTIVITIES

Product Recovery Efforts

Based on gauging data collected during the reporting period, a measurable thickness of PSH was detected in monitor wells MW-1, MW-4, MW-7, and MW-11 during the four sampling events. The maximum thickness of PSH in the monitor wells was 5.22 feet as recorded in monitor well MW-11 on November 11, 2013. The average thickness of PSH in monitor wells exhibiting PSH is 1.11 feet. PSH data for the 2013 gauging events can be found in Table 1. PSH recovery is performed on a weekly schedule by manual recovery methods. Approximately 100.7 gallons (2.4 barrels) of PSH was recovered manually from the site during this reporting period.

During the reporting period, Plains contracted a third party to conduct a Mobile Dual Phase Extraction (MDPE) event at the SPS-11 site to assist in PSH recovery efforts. On November 20, 2013, a 12-hour MDPE event was conducted on monitor wells MW-1 and MW-11. During the November MDPE event, approximately four gallons of liquid PSH and 19.48 gallons as off-gas vapor gallons were recovered. An estimated net total of approximately 23.48 equivalent gallons of hydrocarbon were removed during this event. MDPE Reports are provided on the enclosed disk.

An overall total of approximately 124.18 gallons of hydrocarbons were removed from the site during the 2013 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 21-23, May 15-16, August 20-21, and November 11-12, 2013. During each sampling event, monitor wells were purged of a minimum of three 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 2013, are depicted on Figures 3A - 3D, the Inferred Groundwater Gradient Map(s). Groundwater elevation data for 2013 is provided as Table 1. Historic groundwater elevation data is provided on the enclosed data disk.

The most recent Inferred Groundwater Gradient Map, Figure 3D, indicates a general gradient of 0.0029 feet/foot to the southeast. The corrected groundwater elevations ranged between 3,792.11 and 3,803.91 feet above mean sea level, in monitor well MW-2 on October 15, 2013 and in monitor well MW-25 on May 15, 2013, respectively. PSH data for the 2013 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 separate areas. Each area is defined by impacted soil and groundwater but the areas are separated by historically clean wells supported by analytical data. For discussion purposes, we have identified the area to the northwest as "Area 1" and it consists of monitor wells MW-6, MW-9, MW-12, MW-13, MW-14, MW-15, MW-16, MW-23, MW-24 and MW-25. "Area 2" is the central area and it consists of monitor wells MW-1, MW-2, MW-3, MW-4, MW-7, MW-10, MW-11, MW-18, MW-19, MW-21 and MW-39. "Area 3" is the area to the southeast and it

consists of monitor wells MW-17, MW-26, MW-28, MW-29, MW-30, MW-31, MW-32, MW-33, MW-34, MW-35, MW-36, MW-37, MW-38 and MW-40.

Monitor wells MW-1, MW-4, MW-7, and MW-11, located in Area 2, contained measurable PSH throughout the reporting period and were not sampled during the four quarters of 2013.

Groundwater samples obtained during the quarterly sampling events of 2013 were delivered to Trace Analysis, Inc. in Midland, Texas for determination of Benzene, Toluene, Ethylbenzene and Xylene (BTEX) constituent concentrations by EPA Method 8021B. Polynuclear Aromatic Hydrocarbons (PAH) analysis was conducted during the 2013 calendar year on MW-14. Based upon historic PAH analytical data, only this well exhibited elevated constituent concentrations above WQCC standards and therefore will be sampled, with the exclusion of those wells containing measurable PSH thicknesses. A listing of BTEX constituent concentrations for 2013 are summarized in Table 2 and the historic PAH constituent concentrations are summarized in Table 3. Copies of the laboratory reports generated for 2013 are provided on the enclosed data disk. The quarterly groundwater sample results for BTEX constituent concentrations are depicted on Figures 5A - 5D, 6A - 6D and 7A - 7D.

Area 1 Wells

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

Monitor well MW-9 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.00400 mg/L during the 4th quarter to 0.0298 mg/L during the 1st quarter of 2013. Benzene concentrations were above NMOCD regulatory guidelines during the 1st and 2nd quarters of the reporting period. Toluene, ethylbenzene and xylene concentrations were below the MDL and NMOCD regulatory standard during the four quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-12 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.00100 during the 1st, 3rd and 4th quarters to 0.00320 mg/L during the 2nd quarter of 2013. Benzene concentrations were below NMOCD regulatory guidelines during all four quarters of the reporting period. Toluene and ethylbenzene concentrations were below the MDL and NMOCD regulatory guidelines during the four quarters of the reporting period. Xylene concentrations ranged from <0.00100 mg/L during the 1st and 3rd quarter to 0.00140 mg/L during the 2nd quarter of 2013. Xylene concentrations were below NMOCD regulatory guidelines during the four quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-13 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory guidelines for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX

constituent concentrations have been below NMOCD regulatory guidelines since the installation of the monitor well in the 3rd quarter of 1999. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-14 is sampled on a quarterly schedule. Analytical results indicate benzene concentrations ranged from 2.20 mg/L during the 3rd quarter to 2.53 mg/L during the 1st quarter of 2013. Benzene concentrations were above NMOCD regulatory guidelines during the four quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory guidelines during the four quarters of the reporting period. Ethylbenzene concentrations ranged from <0.0500 mg/L during the 3rd and 4th quarters to 0.200 mg/L during the 1st quarter of 2013. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during the four quarters of the reporting period. Xylene concentrations were below the MDL and NMOCD regulatory guidelines during the four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards for naphthalene (0.0406 mg/L), phenanthrene (0.00677 mg/L), chrysene (0.0054 mg/L), benzo[1]anthracene (0.0185 mg/L) and anthracene (0.00526 mg/L).

Monitor well MW-15 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.00100 mg/L during the 1st, 2nd, and 4th quarters to 0.0033 mg/L during the 3rd quarter of 2013. Benzene concentrations were below NMOCD regulatory guidelines during all four quarters of the reporting period. Toluene concentrations ranged from <0.00100 mg/L during the 1st, 2nd and 4th quarters to 0.0103 mg/L during the 3rd quarter of 2013. Toluene concentrations were below NMOCD regulatory guidelines during the four quarters of the reporting period. Ethylbenzene concentrations ranged from <0.00100 mg/L during the 1st, 2nd and 4th quarters to 0.0032 mg/L during the 3rd quarter of 2013. Ethylbenzene concentrations were below NMOCD regulatory guidelines during the four quarters of the reporting period. Xylene concentrations ranged from <0.00100 mg/L during the 1st, 2nd and 4th quarter to 0.0213 mg/L during the 3rd quarter of 2013. Xylene concentrations were below NMOCD regulatory guidelines during the four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 1st quarter of 2002. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-16 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.00100 mg/L during the 1st and 4th quarter to 0.0167 mg/L during the 3rd quarter of 2013. Benzene concentrations were above NMOCD regulatory guidelines during the 2nd and 3rd quarters of the reporting period. Toluene concentrations ranged from <0.00100 mg/L during the 1st and 4th quarter to 0.0256 mg/L during the 2nd quarter of 2013. Toluene concentrations were below NMOCD regulatory guidelines during the four quarters of the reporting period. Ethylbenzene concentrations ranged from <0.00100 mg/L during the 1st and 4th quarters to 0.00560 mg/L during the 2nd quarter of 2013. Ethylbenzene concentrations were below NMOCD regulatory guidelines during the four quarters of the reporting period. Xylene concentrations ranged from <0.00100 mg/L during the 1st quarter to 0.00950 mg/L during the 2nd quarter of 2013. Xylene concentrations were below NMOCD regulatory guidelines during the four quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

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

Monitor well MW-24 is sampled on a quarterly schedule. Analytical results indicate benzene concentrations ranged from <0.00100 mg/L during the 1st, 3rd, and 4th quarters to 0.00220 mg/L during the 2nd quarter of 2013. Benzene concentrations were below NMOCD regulatory guidelines during the four quarters of the reporting period. Toluene concentrations ranged from <0.00100 mg/L during the 1st, 3rd, and 4th quarters to 0.00460 mg/L during the 2nd quarter of 2013. Toluene concentrations were below NMOCD regulatory guidelines during the four quarters of the reporting period. Ethylbenzene concentrations ranged from <0.00100 mg/L during the 1st, 3rd and 4th quarters to 0.00870 mg/L during the 2nd quarter of 2013. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during the four quarters of the reporting period. Xylene concentrations ranged from <0.00100 mg/L during the 1st and 3rd quarters to 0.0157 mg/L during the 2nd quarter of 2013. Xylene concentrations were below NMOCD regulatory guidelines during the four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 2nd quarter of 2009. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-25 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory standard for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines since the installation of the monitor well in the 3rd quarter of 1999. PAH analysis was not required during the 4th quarter sampling event.

Area 2 Wells

Monitor well MW-1 is monitored on a quarterly schedule. Monitor well MW-1 was not sampled during the 1st, 2nd, 3rd and 4th quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 2.81 feet, 0.57 feet, 0.43 feet and 0.70 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2013, respectively. PAH analysis was not conducted during the 4th quarter sampling event due to the presence of PSH.

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

Monitor well MW-3 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory standard for each

BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines since the installation of the monitor well in the 3rd quarter of 1999. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-4 is monitored on a quarterly schedule. Monitor well MW-4 was not sampled during the 1st, 2nd, 3rd and 4th quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 0.30 feet, 0.13 feet, 0.19 feet and 0.13 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2012, 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 0.80 feet, 0.10 feet, 0.06 feet and 0.08 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2013, respectively. PAH analysis was not conducted during the 4th quarter sampling event due to the presence of PSH.

Monitor well MW-10 is sampled on a quarterly schedule. Analytical results indicate benzene concentrations ranged from <0.00100 mg/L during the 1st, 3rd, and 4th quarters to 0.00200 mg/L during the 2nd quarter of 2013. Benzene concentrations were below NMOCD regulatory guidelines during the four quarters of the reporting period. Toluene and ethylbenzene concentrations were below the MDL and NMOCD regulatory guidelines during the four quarters of the reporting period. Xylene concentrations ranged from <0.00100 mg/L during the 1st, 2nd and 4th quarters to 0.0012 mg/L during the 3rd quarter of 2013. Xylene concentrations were below NMOCD regulatory guidelines during the four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 3rd quarter of 2011. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-11 is monitored on a quarterly schedule. Monitor well MW-11 was not sampled during the 1st, 2nd, 3rd and 4th quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 3.35 feet, 2.78 feet, 3.50 feet and 5.22 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2013, respectively. PAH analysis was not conducted during the 4th quarter sampling event due to the presence of PSH.

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

Monitor well MW-19 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory standard for each BTEX constituent during the 4th quarter of the reporting period. The analytical results indicate

BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 2nd quarter of 2002. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-21 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory standard for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 1st quarter of 2002. PAH analysis was not required during the 4th quarter sampling event.

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

Area 3 Wells

Monitor well MW-17 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.00100 mg/L during the 1st quarter to 0.00470 mg/L during the 2nd quarter of 2013. Benzene concentrations were below NMOCD regulatory guidelines during the four quarters of the reporting period. Toluene concentrations ranged from <0.00100 mg/L during the 1st, 3rd and 4th quarters to 0.00230 mg/L during the 2nd quarter of 2013. Toluene concentrations were below NMOCD regulatory guidelines during the four quarters of the reporting period. Ethylbenzene concentrations were below the MDL and NMOCD regulatory guidelines during the four quarters of the reporting period. Xylene concentrations ranged from <0.00300 mg/L during the 4th quarter to 0.00350 mg/L during the 2nd quarter of 2013. Xylene concentrations were below NMOCD regulatory guidelines during the four quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-26 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.234 mg/L during the 4th quarter to 0.468 mg/L during the 2nd quarter of 2013. Benzene concentrations were above NMOCD regulatory guidelines during the four quarters of the reporting period. Toluene concentrations ranged from 0.0300 mg/L during the 4th quarter to 0.285 mg/L during the 2nd quarter of 2013. Toluene concentrations were below NMOCD regulatory guidelines during the four quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0885 mg/L during the 3rd quarter to 0.173 mg/L during the 2nd quarter of 2013. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during the four quarters of the reporting period. Xylene concentrations ranged from 0.0231 mg/L during the 4th quarter to 0.112 mg/L during the 2nd quarter of 2013. Xylene concentrations were below NMOCD regulatory guidelines during the four quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-28 is sampled on a quarterly schedule. Analytical results indicate benzene concentrations ranged from 0.0962 mg/L during the 4th quarter to 0.450 mg/L during the 1st quarter of 2013. Benzene concentrations were above NMOCD regulatory guidelines during the four quarters of the reporting period. Toluene concentrations were below the MDL and

NMOCD regulatory guidelines during the four quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0186 mg/L during the 4th quarter to 0.122 mg/L during the 1st quarter of 2013. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during the four quarters of the reporting period. Xylene concentrations ranged from <0.0200 mg/L during the 1st quarter to 0.00730 mg/L during the 2nd quarter of 2013. Xylene concentrations were below NMOCD regulatory guidelines during the four quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-29 is sampled on a quarterly schedule. Analytical results indicate benzene concentrations ranged from 0.321 mg/L during the 4th quarter to 0.524 mg/L during the 2nd quarter of 2013. Benzene concentrations were above NMOCD regulatory guidelines during the four quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory guidelines during the four quarters of the reporting period. Ethylbenzene concentrations ranged from <0.0500 mg/L during the 3rd quarter to 0.0182 mg/L during the 2nd quarter of 2013. Ethylbenzene concentrations were below NMOCD regulatory guidelines during the four quarters of the reporting period. Xylene concentrations ranged from <0.00300 mg/L during the 1st quarter to <0.0500 mg/L during the 3rd quarter of 2013. Xylene concentrations were below NMOCD regulatory guidelines during the four quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

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

Monitor well MW-31 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory standard for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines since the installation of the monitor well in the 1st quarter of 2002. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-32 is sampled on a quarterly schedule. Analytical results indicate benzene concentrations ranged from 0.954 mg/L during the 1st and 2nd quarters to 1.01 mg/L during the 4th quarter of 2013. Benzene concentrations were above NMOCD regulatory guidelines during the four quarters of the reporting period. Toluene concentrations ranged from <0.0100 mg/L during the 3rd quarter to 0.0398 mg/L during the 2nd quarter of 2013. Toluene concentrations were below NMOCD regulatory guidelines during the four quarters of the reporting period. Ethylbenzene concentrations ranged from <0.0200 mg/L during the 1st quarter to 0.0945 mg/L during the 2nd quarter of 2013. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during the four quarters of the reporting period. Xylene concentrations ranged from <0.0100 mg/L during the 3rd quarter to 0.0627 mg/L during the 2nd quarter of 2013. Xylene concentrations were below NMOCD regulatory guidelines during the four quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

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

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

Monitor well MW-35 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.00100 mg/L during the 4th quarter to 0.00920 mg/L during the 1st quarter of 2013. Benzene concentrations were below NMOCD regulatory guidelines during the four quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory guidelines during the four quarters of the reporting period. Ethylbenzene concentrations ranged from 0.00150 mg/L during the 3rd quarter to 0.00920 mg/L during the 1st quarter of 2013. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during the four quarters of the reporting period. Xylene concentrations ranged from <0.00300 mg/L during the 4th quarter to 0.0282 mg/L during the 1st quarter of 2013. Xylene concentrations were below NMOCD regulatory guidelines during the four quarters of the reporting period. PAH analysis was not required during the 4th quarter sampling event.

Monitor well MW-36 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and the NMOCD regulatory standard for each BTEX constituent during the four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines since the 4th quarter of 2010. PAH analysis was not required during the 4th quarter sampling event.

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

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

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

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

SUMMARY

This report presents the results of monitoring and sampling activities during the annual reporting period of 2013. Currently, there are 35 groundwater monitor wells (MW-1 through MW-40, excluding MW-5, MW-8, MW-20, MW-22, and MW-27) in three separate plumes on site. The most recent Inferred Groundwater Gradient Map indicates a general gradient 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 quarterly sampling events in 2013. The maximum thickness of PSH observed in the monitor wells was 5.22 feet as recorded in monitor well MW-11 on November 11, 2013. The average thickness of PSH in monitor wells exhibiting PSH is 1.11 feet. Approximately 100.7 gallons (2.4 barrels) of PSH were manually recovered from the site during this reporting period. PSH data for the 2013 gauging events can be found in Table 1. PSH recovery is performed on a weekly schedule by manual recovery methods.

During the reporting period, Plains contracted a third party to conduct a Mobile Dual Phase Extraction (MDPE) event at the SPS-11 site to assist in PSH recovery efforts. On November 20, 2013, a 12-hour MDPE event was conducted on monitor wells MW-1 and MW-11. During the November MDPE event, approximately four gallons of liquid PSH and 19.48 gallons as off-gas vapor gallons were recovered. An estimated net total of approximately 23.48 equivalent gallons of hydrocarbon were removed during this event. MDPE Reports are provided on the enclosed disk.

Review of laboratory analytical results from samples collected from monitor wells within Area 1 indicates BTEX constituent concentrations are below NMOCD regulatory guidelines in seven of the ten monitor wells within Area 1. Review of PAH analysis indicates a narrow range of fluctuation in constituent concentrations in monitor well MW-14.

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

Review of laboratory analytical results from samples collected from monitor wells within Area 3 indicates BTEX constituent concentrations are below NMOCD regulatory guidelines in ten of the fourteen monitor wells within Area 3. PAH analysis was not conducted on groundwater samples collected from Area 3 monitor wells.

ANTICIPATED ACTIONS

Groundwater monitoring and weekly PSH recovery will continue in 2014. Plains respectfully requests NMOCD approval to modify the sampling schedule for the following monitor well:

- Monitor well MW-24 is currently sampled on a quarterly schedule. Plains proposes to modify the schedule to an annual schedule. This up-gradient monitor well was installed during the 1st quarter 2000 and the analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory guidelines for the last 15 consecutive quarters.

Weekly aggressive pumping of monitor wells MW-9, MW-14, MW-26, MW-28, MW-29, and MW-32 will continue. An Annual Monitoring Report will be submitted to the NMOCD before April 1, 2015.

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

LIMITATIONS

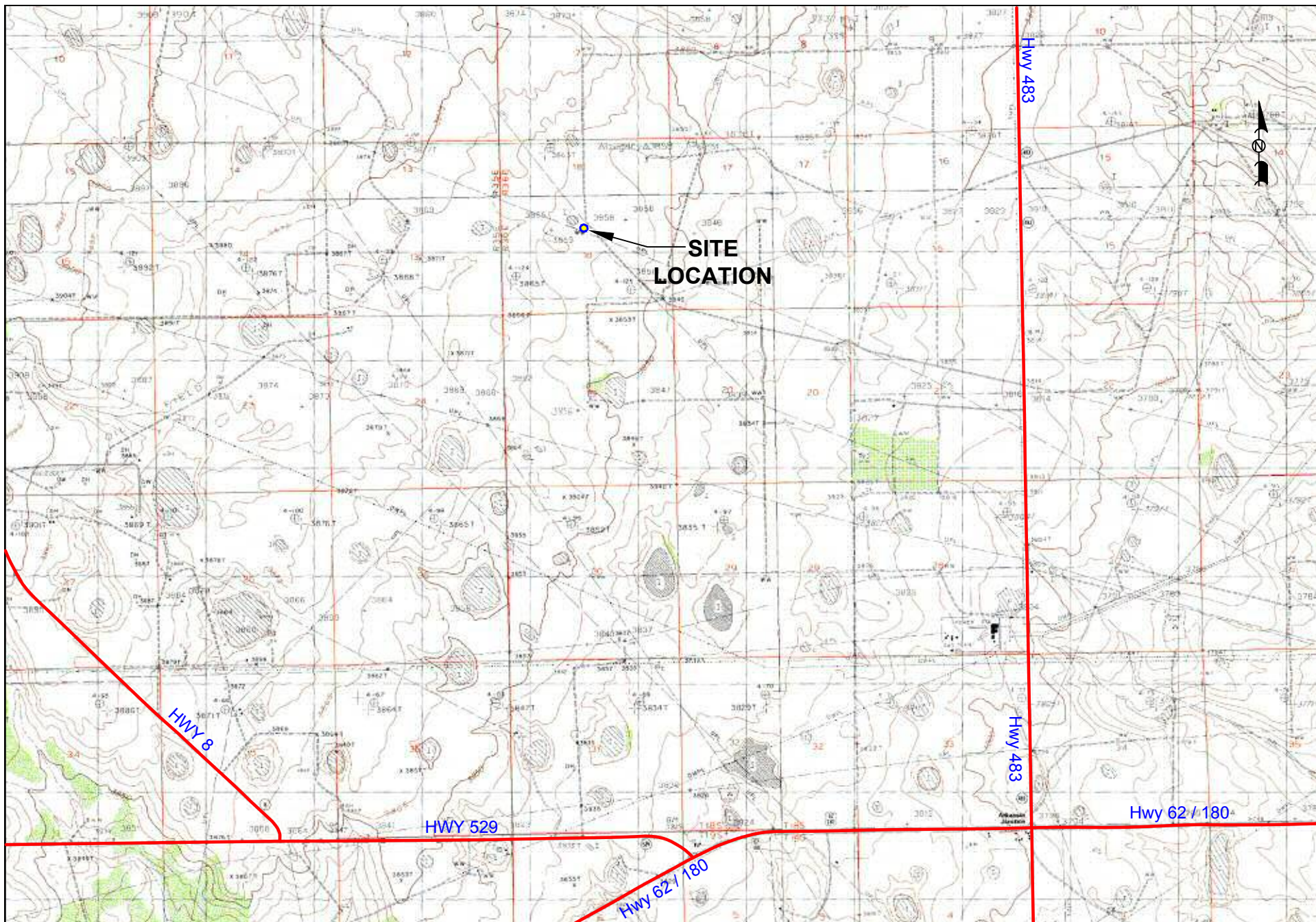
NOVA has prepared this Annual Monitoring Report to the best of its ability. No other warranty, expressed or implied, is made or intended.

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

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

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2057 Commerce Street
Midland, TX 79703
cstanley@novatraining.cc



Legend:

Mapped edited and Published by the Geological Survey
Control by USGS & USC & GS
Map Re-edited by Nova Safety and Environmental on April 18, 2013
for the purpose of Site Location Maps.

Fine red dashed lines indicate selected fence lines.
This map Complies with National Map Accuracy Standards

4000 2000 0 2000 4000



Distance in Feet

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

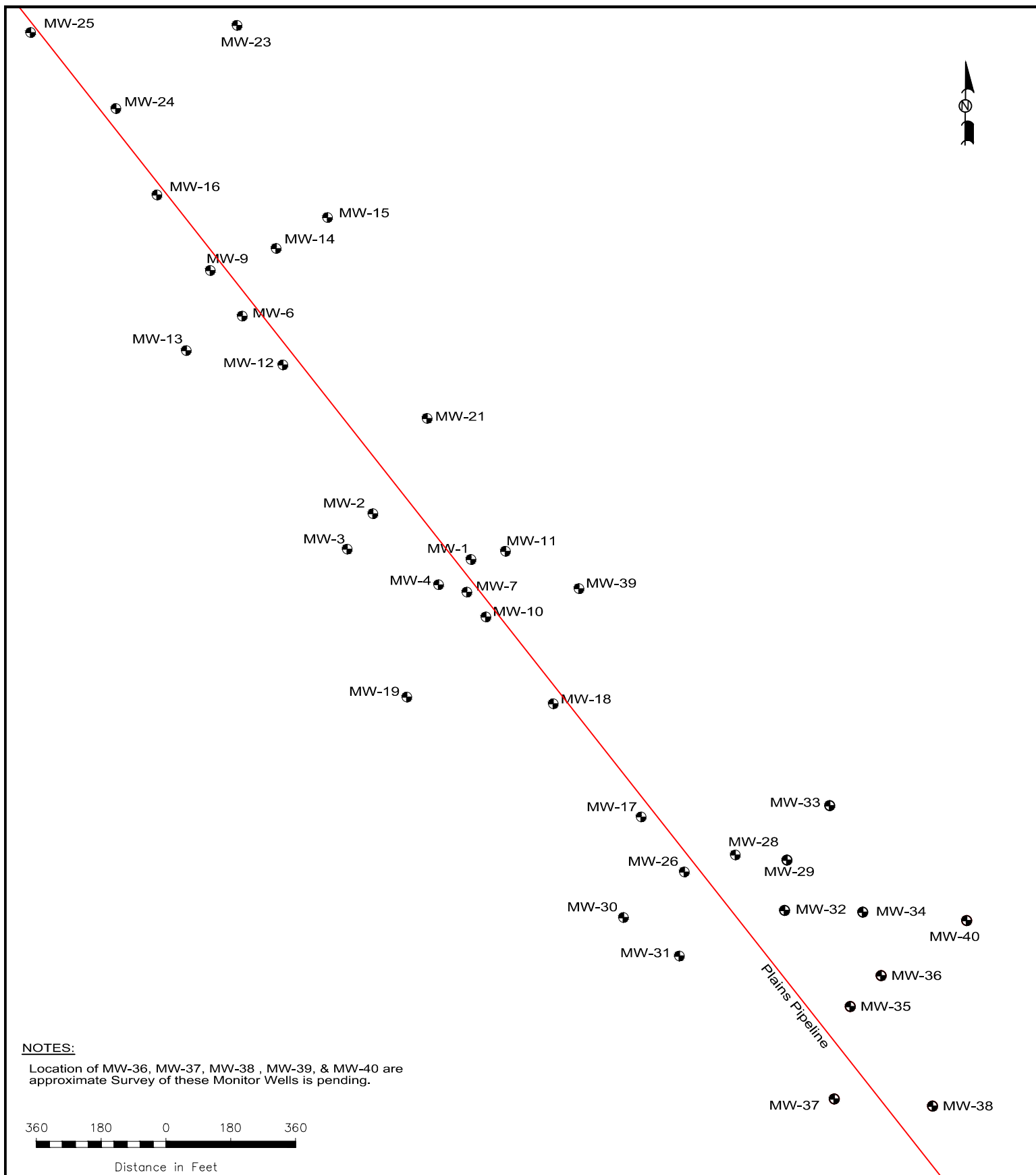
NMOCD Reference # GW-0294

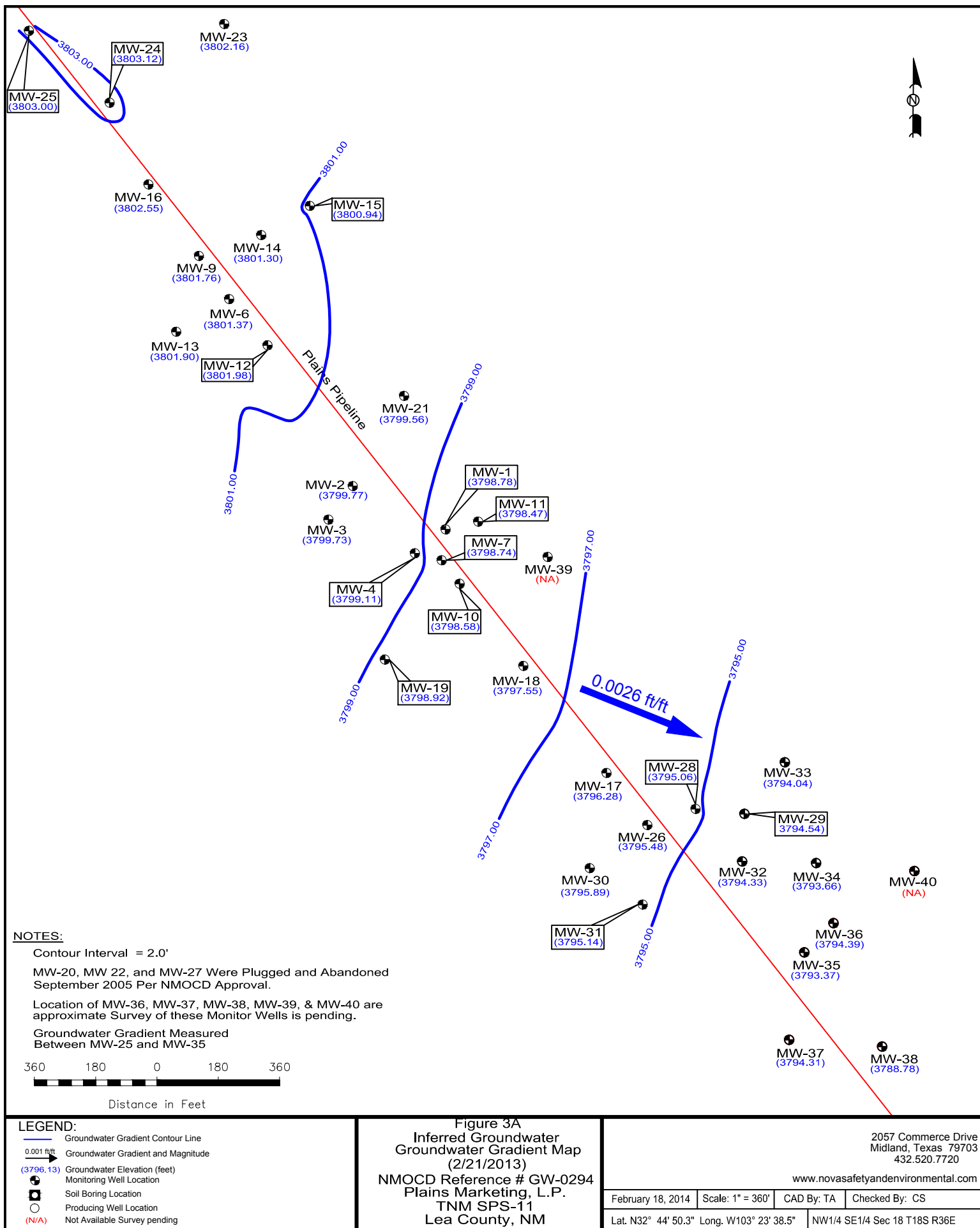


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April 17, 2013	Scale: 1" = 4000'	CAD By: CAS	Checked By:
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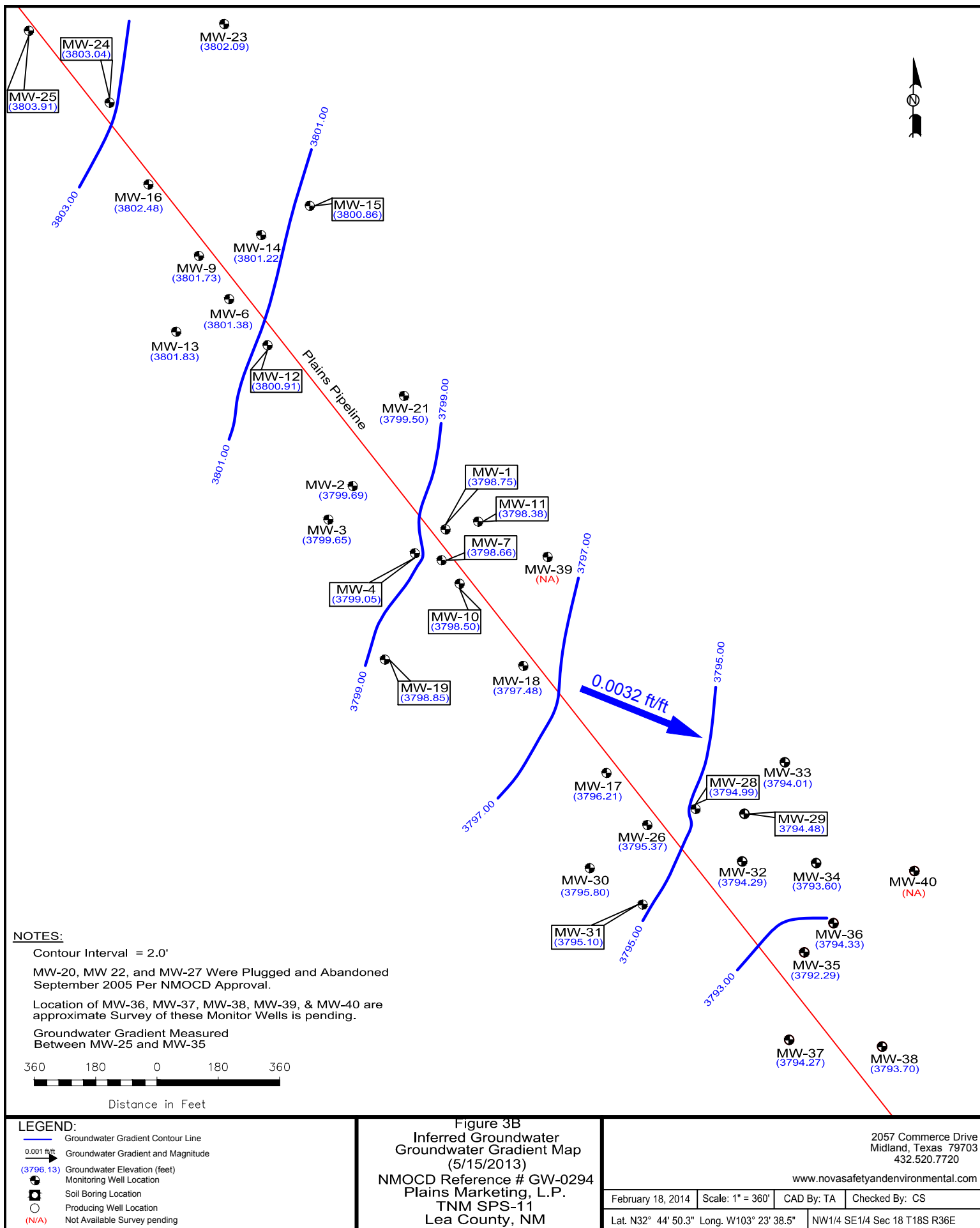
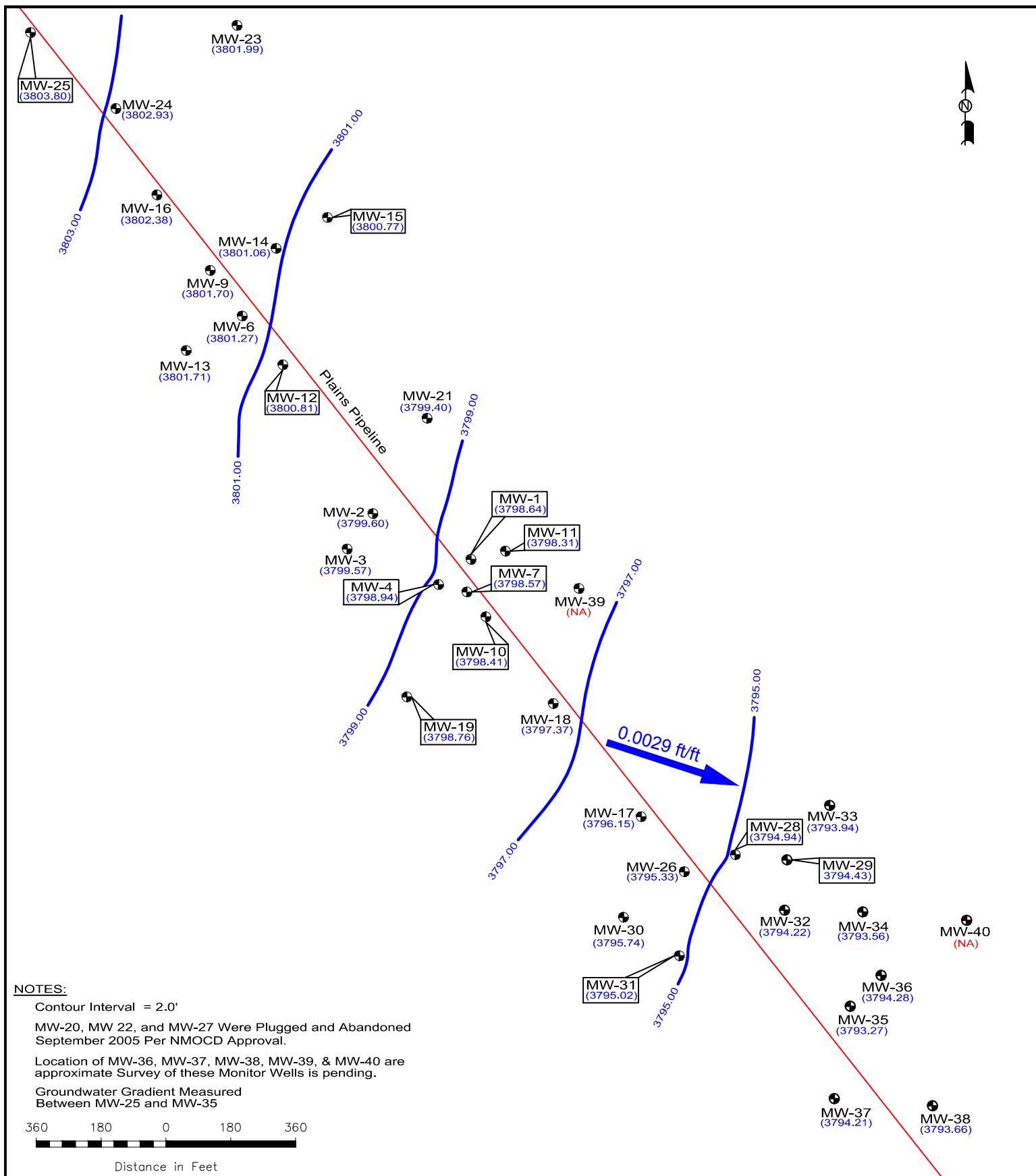


Figure 3B
 Inferred Groundwater
 Groundwater Gradient Map
 (5/15/2013)
 NMOCD Reference # GW-0294
 Plains Marketing, L.P.
 TNM SPS-11
 Lea County, NM



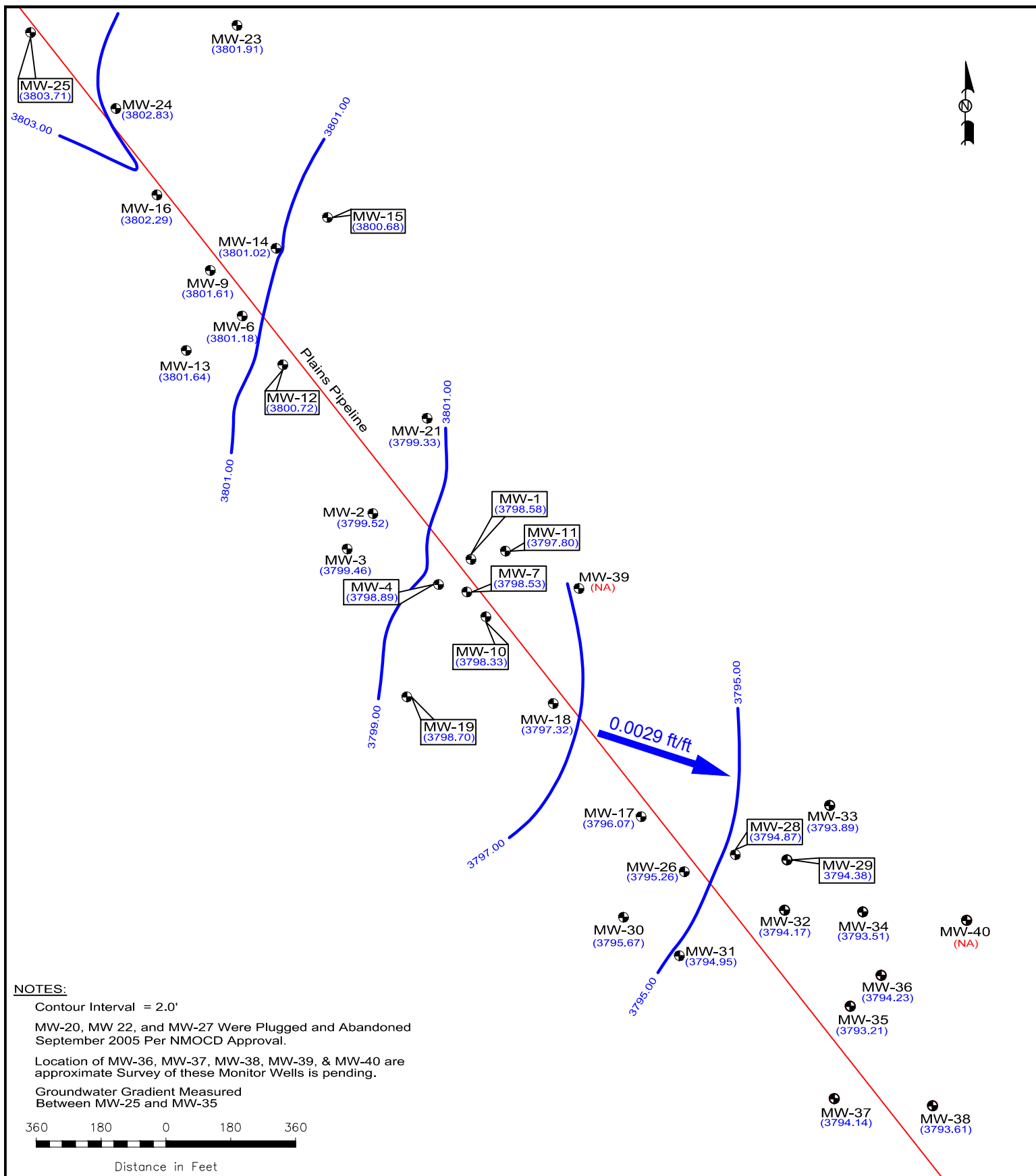
- LEGEND:**
- Groundwater Gradient Contour Line
 - 0.001 ft/ft Groundwater Gradient and Magnitude
 - (3796.13) Groundwater Elevation (feet)
 - Monitoring Well Location
 - Soil Boring Location
 - Producing Well Location
 - (N/A) Not Available Survey pending

Figure 3C
Inferred Groundwater
Groundwater Gradient Map
(8/20/2013)
NMOCD Reference # GW-0294
Plains Marketing, L.P.
TNM SPS-11
Lea County, NM

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



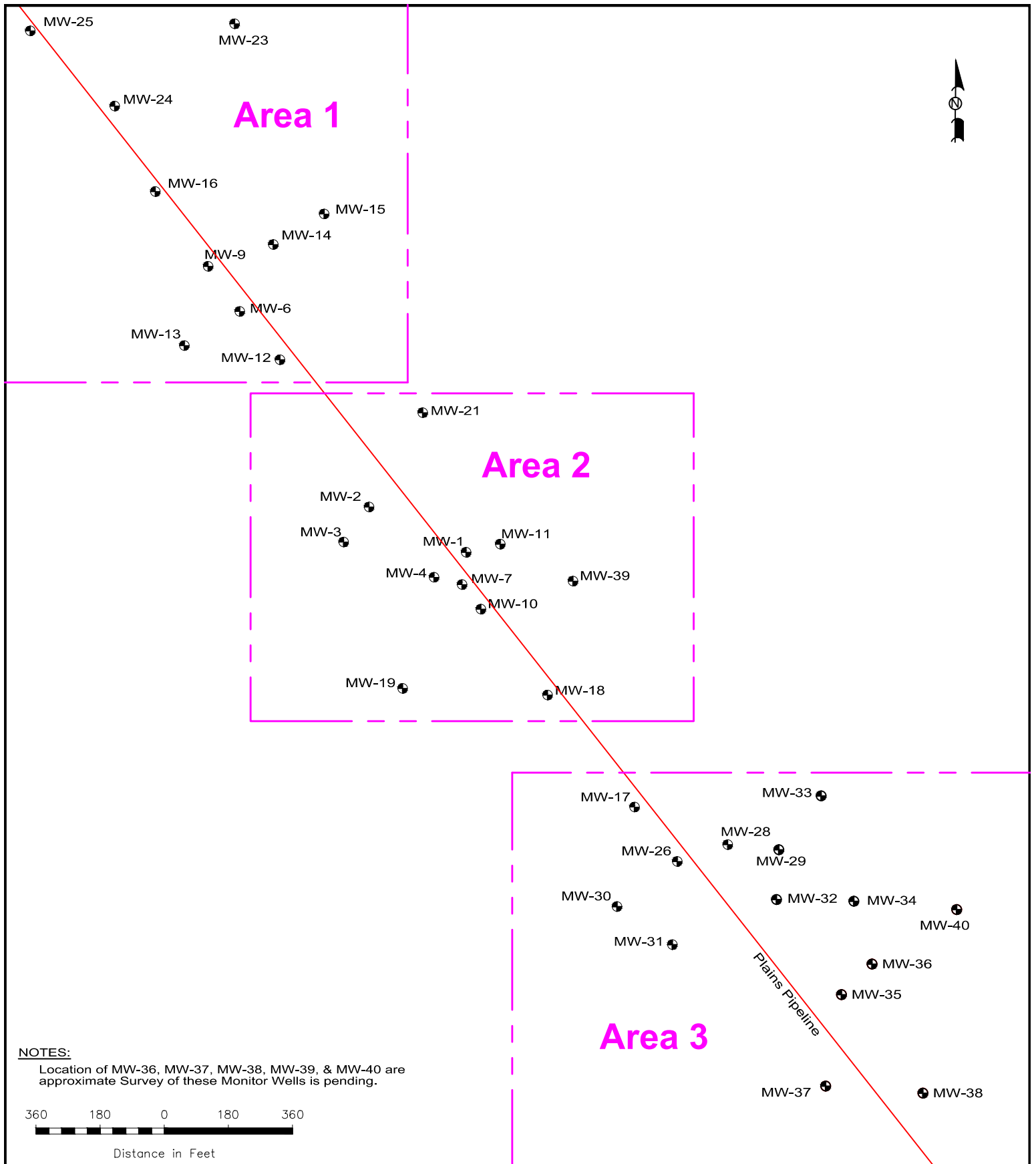
- LEGEND:**
- Groundwater Gradient Contour Line
 - 0.001 ft/ft Groundwater Gradient and Magnitude
 - (3796.13) Groundwater Elevation (feet)
 - Monitoring Well Location
 - Soil Boring Location
 - Producing Well Location
 - (N/A) Not Available Survey pending

Figure 3D
Inferred Groundwater
Groundwater Gradient Map
(11/11/2013)
NMOCD Reference # GW-0294
Plains Marketing, L.P.
TNM SPS-11
Lea County, NM

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



LEGEND:

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

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

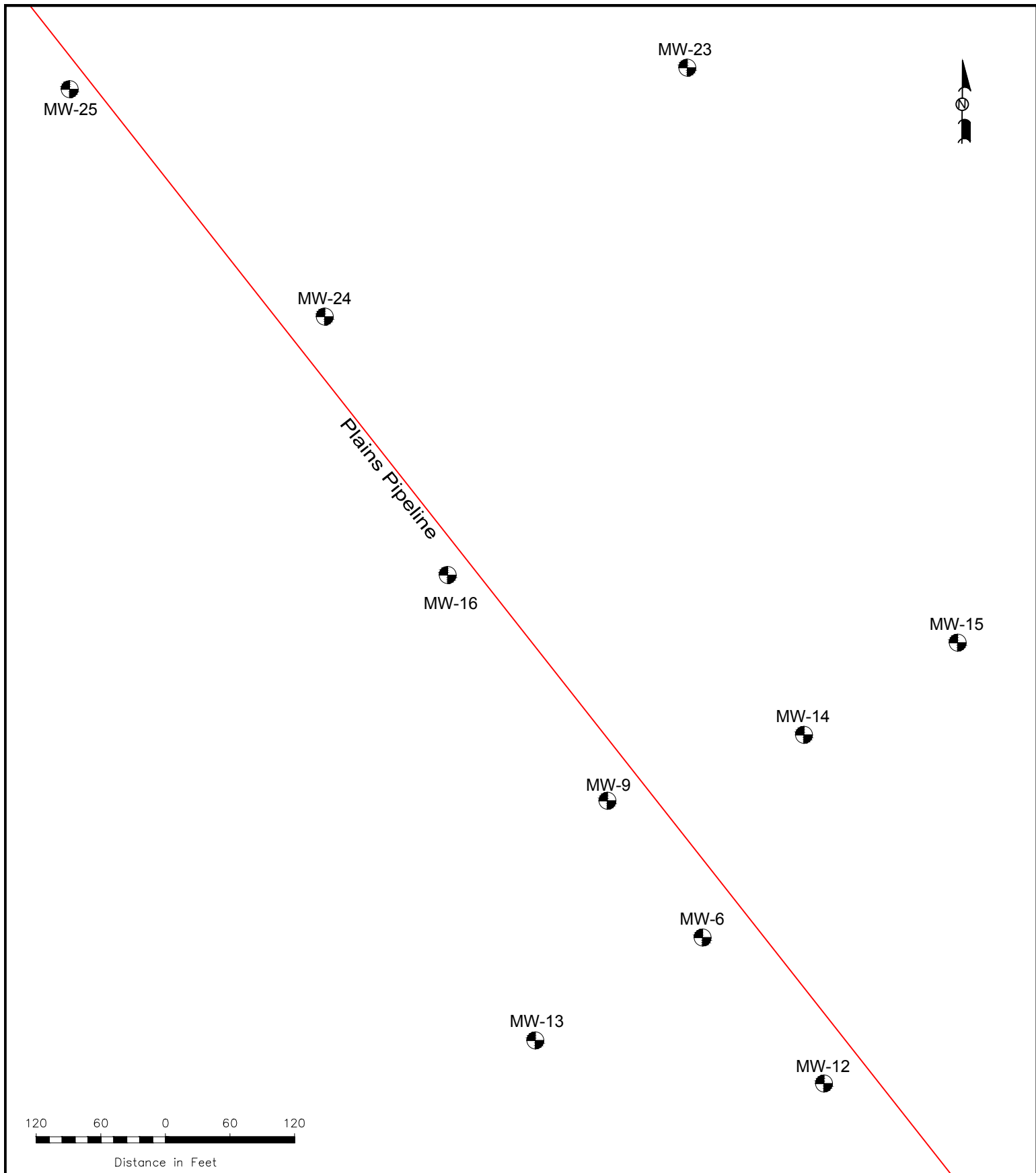


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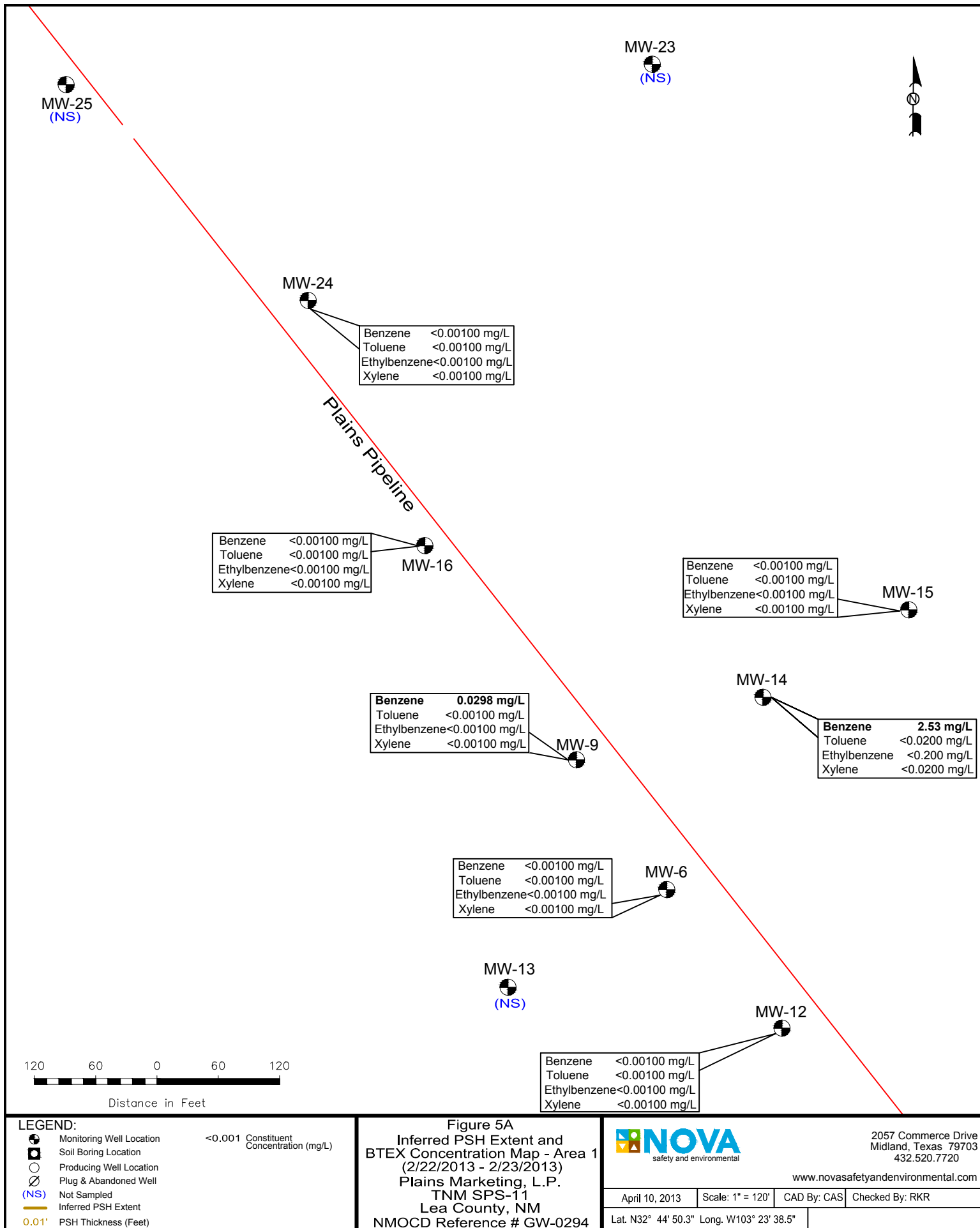
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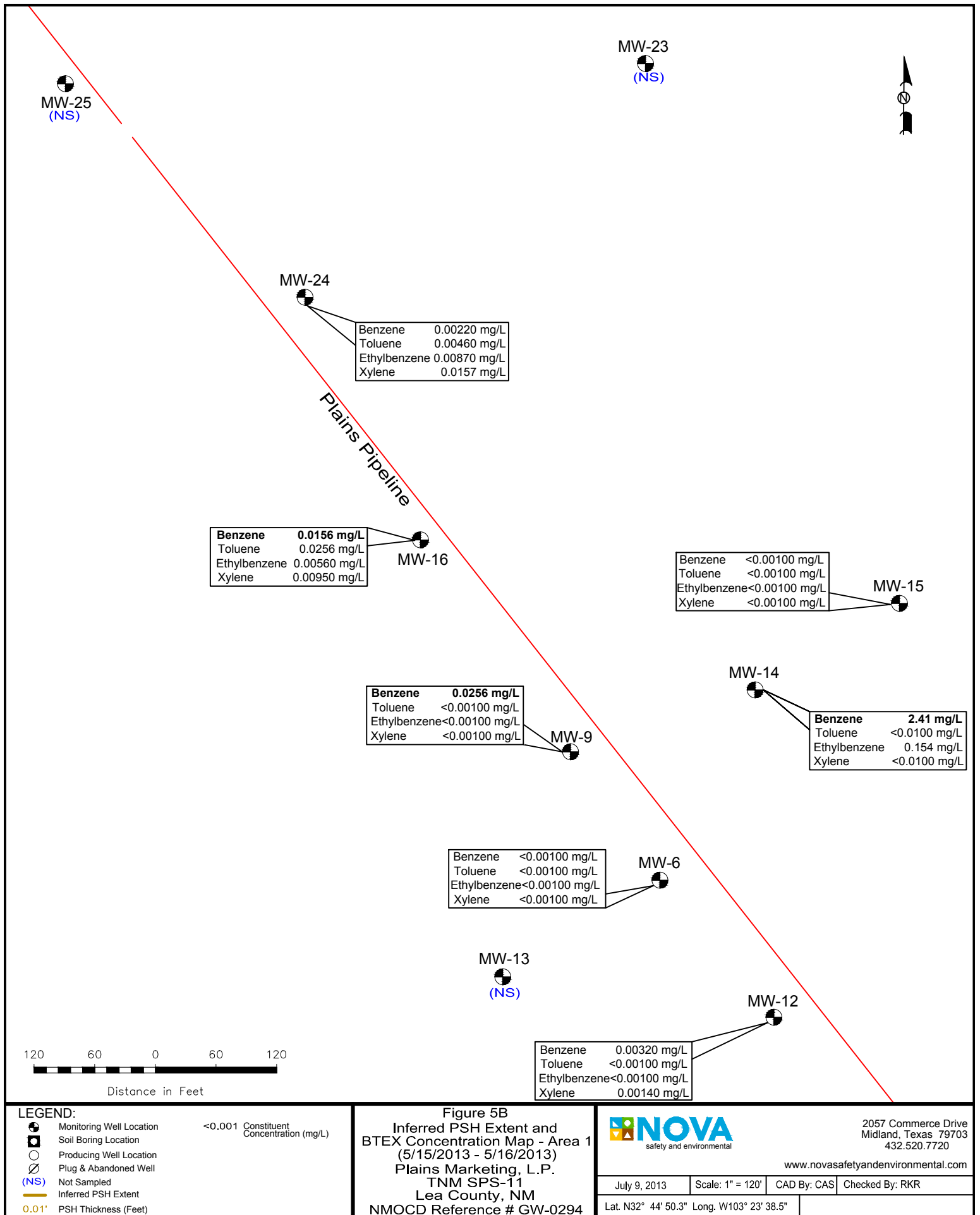
March 12, 2013 Scale: 1" = 360' CAD By: CAS Checked By: RKR

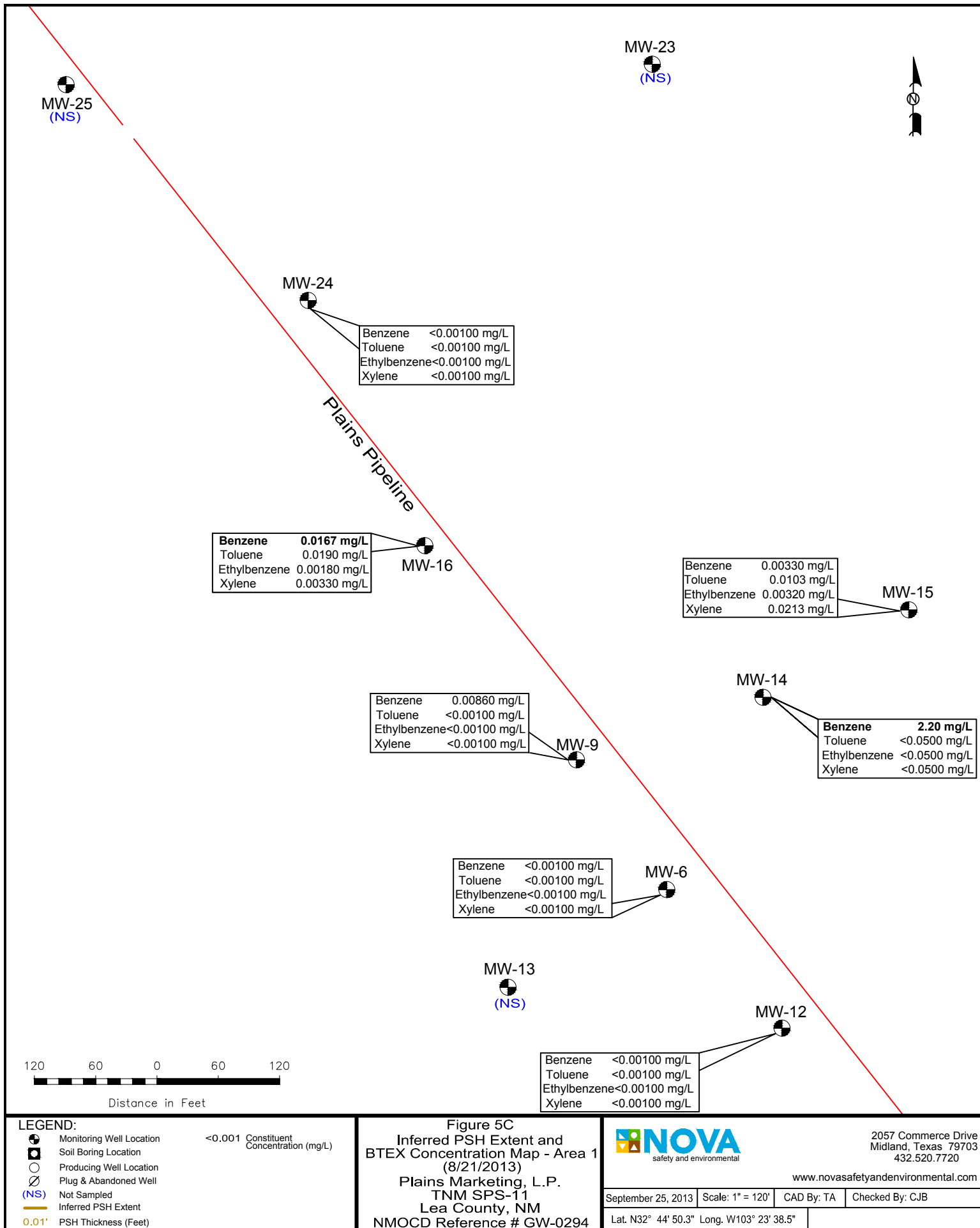
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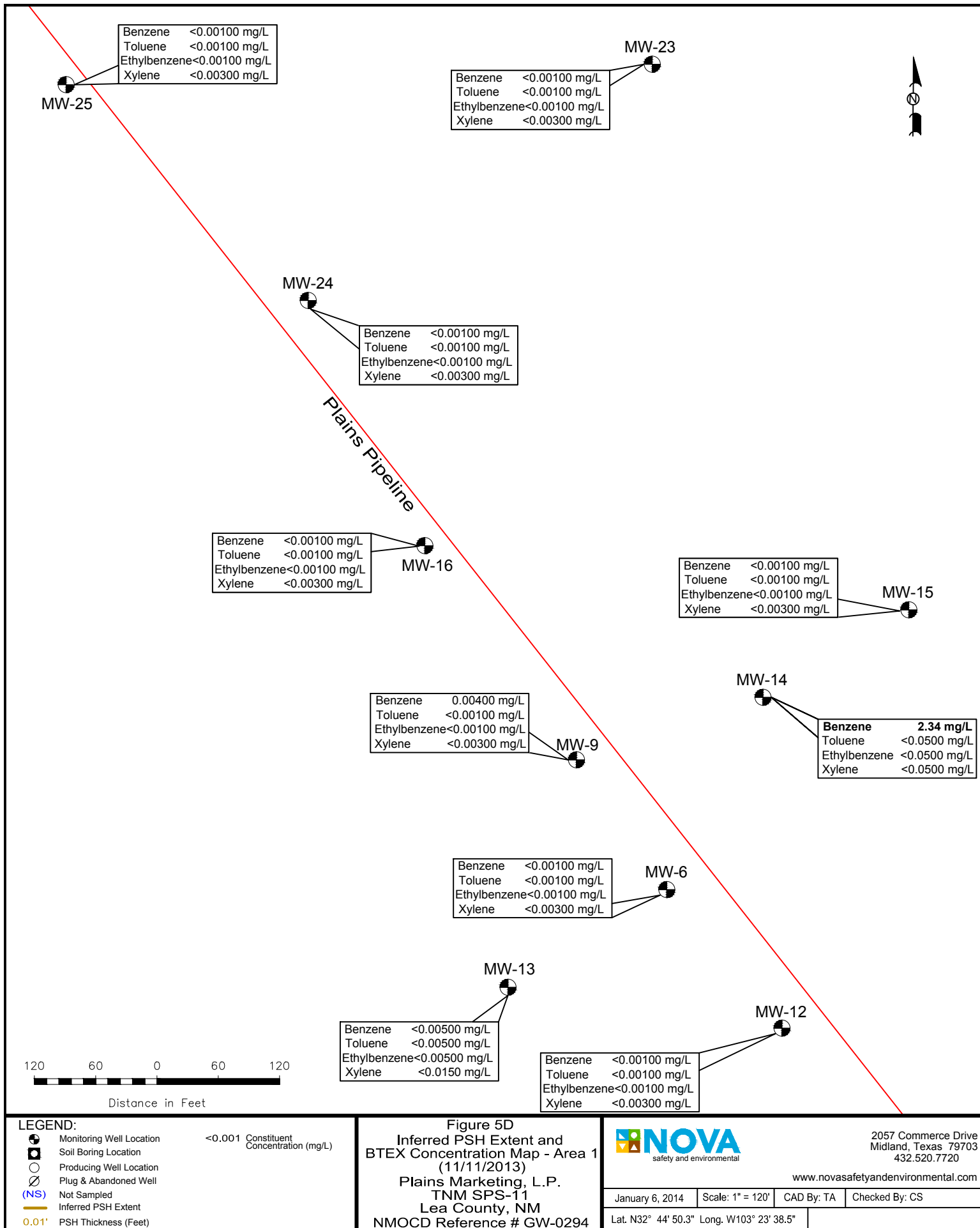


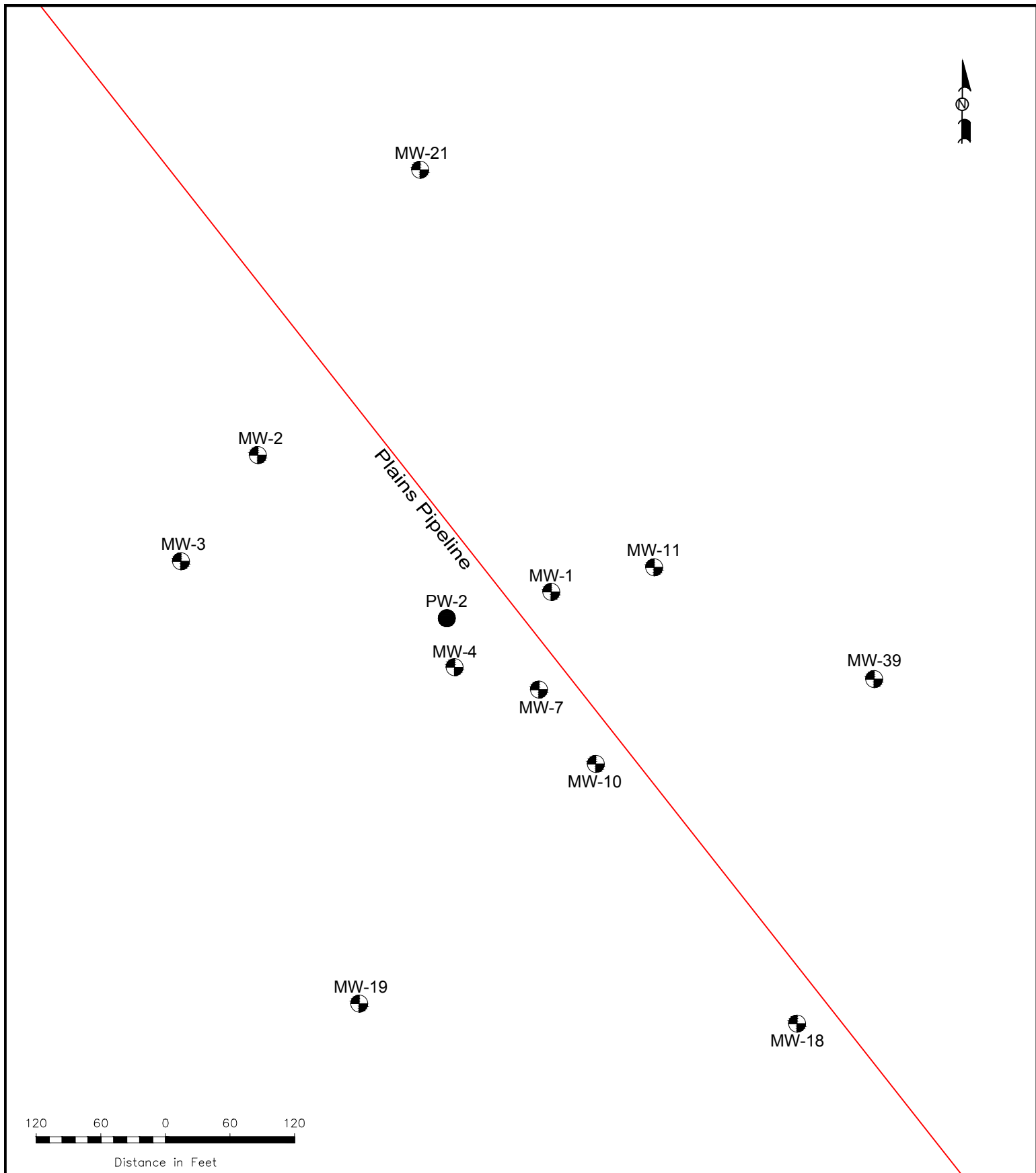
LEGEND:		Figure 5				2057 Commerce Drive Midland, Texas 79703 432.520.7720	
	Monitoring Well Location	Area 1 Site Map NMOCD Reference # GW-0294 Plains Marketing, L.P. TNM SPS-11 Lea County, NM		www.novasafetyandenvironmental.com			
	Soil Boring Location						
	Producing Well Location						
	Proposed Monitoring Well Location						
				February 23, 2012	Scale: 1" = 120'	CAD By: CS	Checked By: RKR
				Lat. N32° 44' 50.3" Long. W103° 23' 38.5"		NW1/4 SE1/4 Sec 18 T18S R36E	











LEGEND:

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

Figure 6

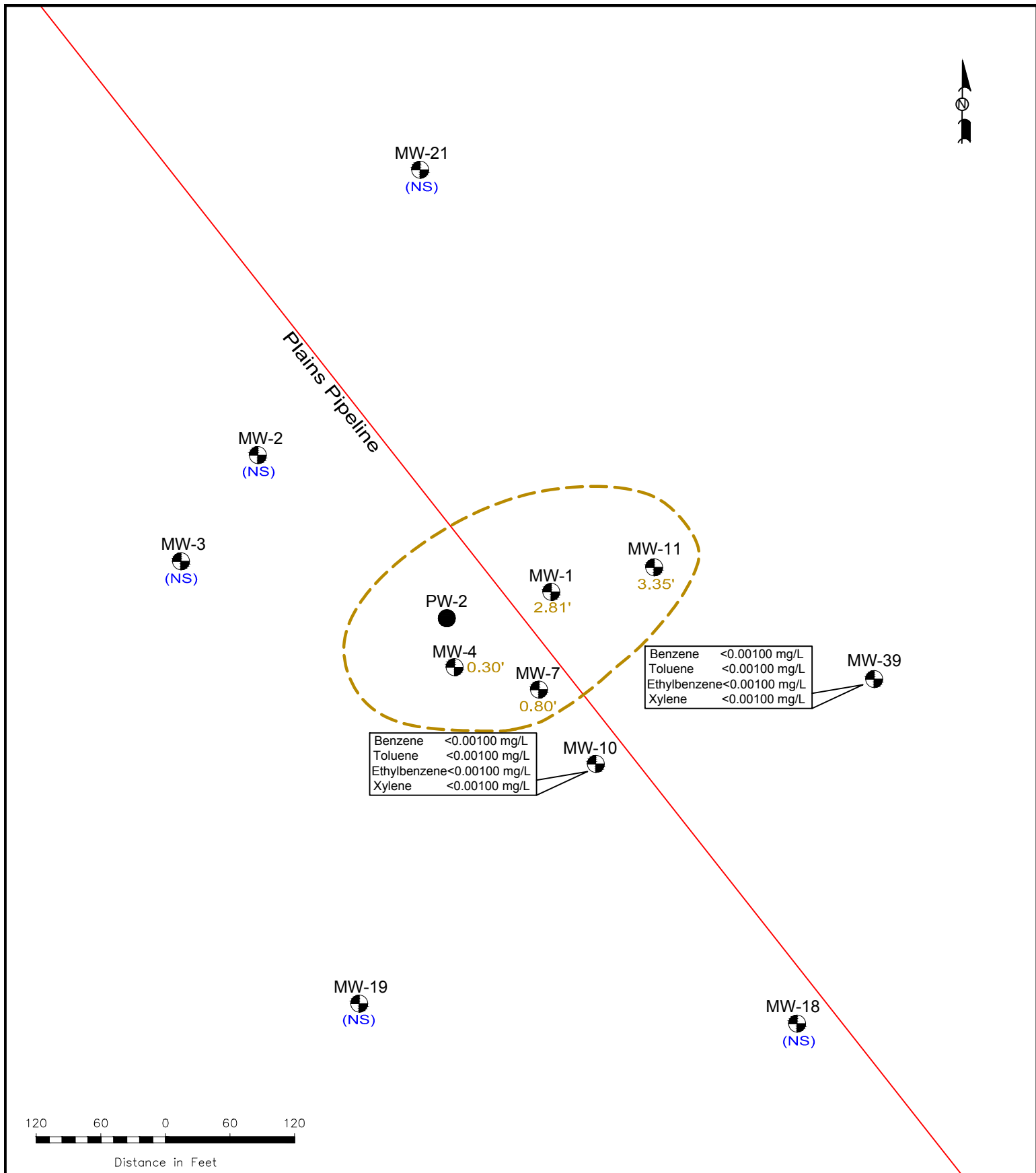
Area 2
Site Map
NMOCD Reference # GW-0294
Plains Marketing, L.P.
TNM SPS-11
Lea County, NM



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



LEGEND:

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

<0.001 Constituent Concentration (mg/L)

Figure 6A
Inferred PSH Extent and
BTEX Concentration Map Area 2
(2/21/2013 - 2/23/2013)
Plains Marketing, L.P.
TNM SPS-11
Lea County, NM
NMOCD Reference # GW-0294

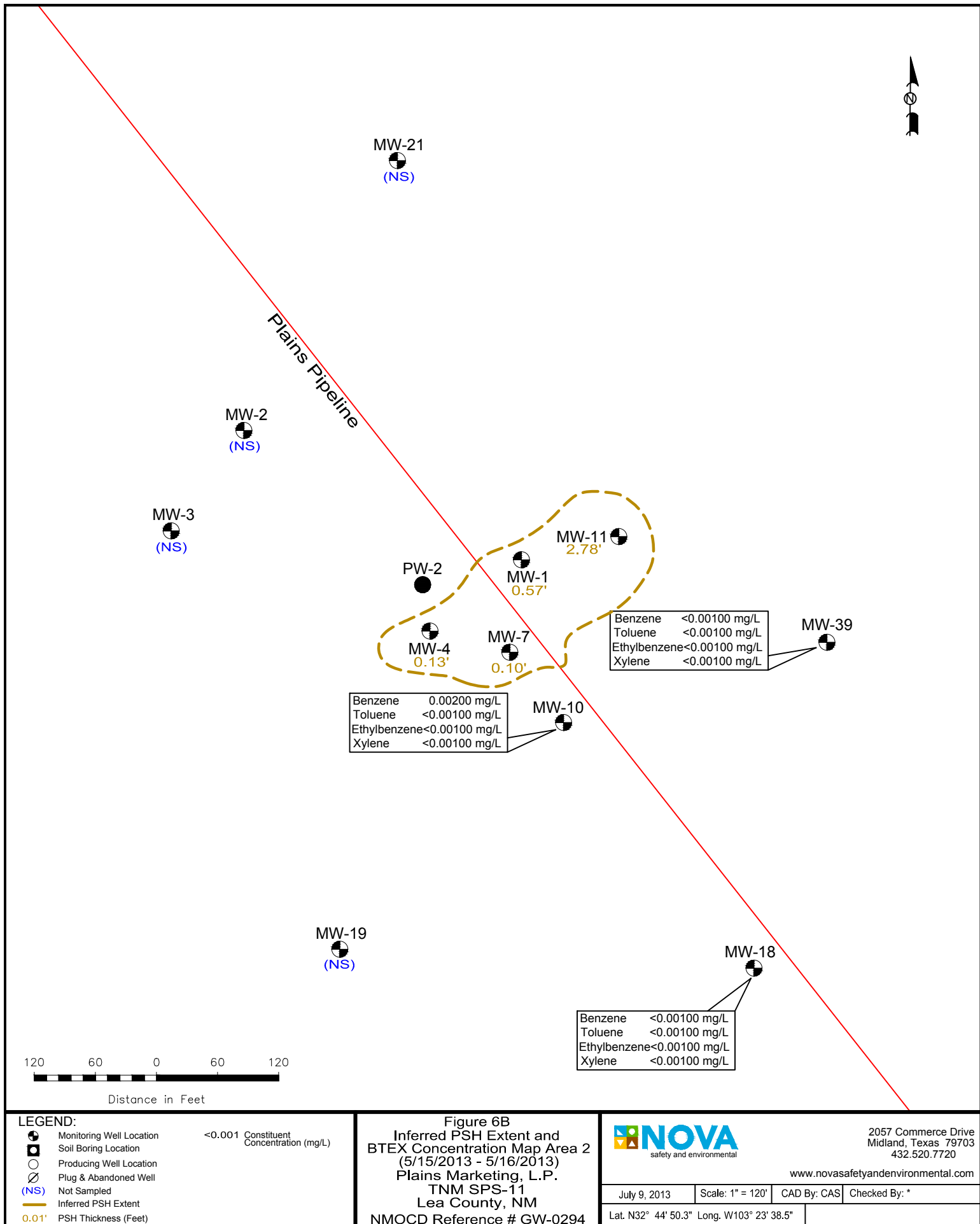


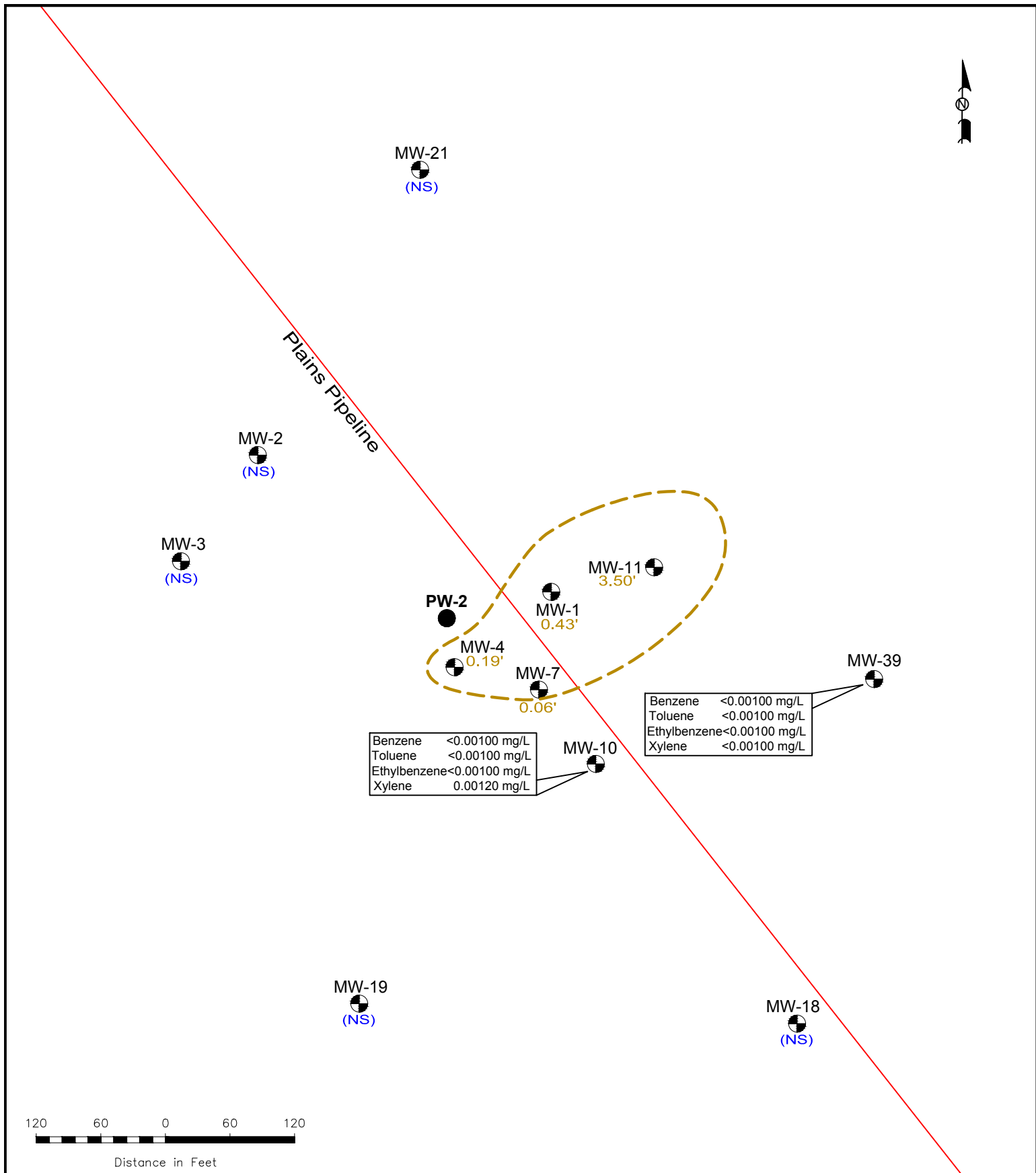
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April 10, 2013 Scale: 1" = 120' CAD By: CAS Checked By: *

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





LEGEND:

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

Figure 6C
Inferred PSH Extent and
BTEX Concentration Map Area 2
(8/20/2013 - 8/21/2013)
Plains Marketing, L.P.
TNM SPS-11
Lea County, NM
NMOCD Reference # GW-0294

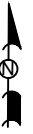


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September 25, 2013 | Scale: 1" = 120' | CAD By: TA | Checked By: CJB

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



Plains Pipeline

MW-21

Benzene <0.00100 mg/L
Toluene <0.00100 mg/L
Ethylbenzene<0.00100 mg/L
Xylene <0.00300 mg/L

MW-2

Benzene <0.00100 mg/L
Toluene <0.00100 mg/L
Ethylbenzene<0.00100 mg/L
Xylene <0.00300 mg/L

MW-3

Benzene <0.00100 mg/L
Toluene <0.00100 mg/L
Ethylbenzene<0.00100 mg/L
Xylene <0.00300 mg/L

MW-11

5.22'

MW-1

0.70'

MW-4

0.13'

MW-7

0.08'

MW-10

Benzene <0.00100 mg/L
Toluene <0.00100 mg/L
Ethylbenzene<0.00100 mg/L
Xylene <0.00300 mg/L

MW-39

Benzene <0.00100 mg/L
Toluene <0.00100 mg/L
Ethylbenzene<0.00100 mg/L
Xylene <0.00300 mg/L

MW-19

Benzene <0.00100 mg/L
Toluene <0.00100 mg/L
Ethylbenzene<0.00100 mg/L
Xylene <0.00300 mg/L

MW-18

Benzene <0.00500 mg/L
Toluene <0.00500 mg/L
Ethylbenzene<0.00500 mg/L
Xylene <0.0150 mg/L



Distance in Feet

LEGEND:

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

Figure 6D
Inferred PSH Extent and
BTEX Concentration Map Area 2
(11/11/2013 - 11/12/2013)
Plains Marketing, L.P.
TNM SPS-11
Lea County, NM
NMOCD Reference # GW-0294

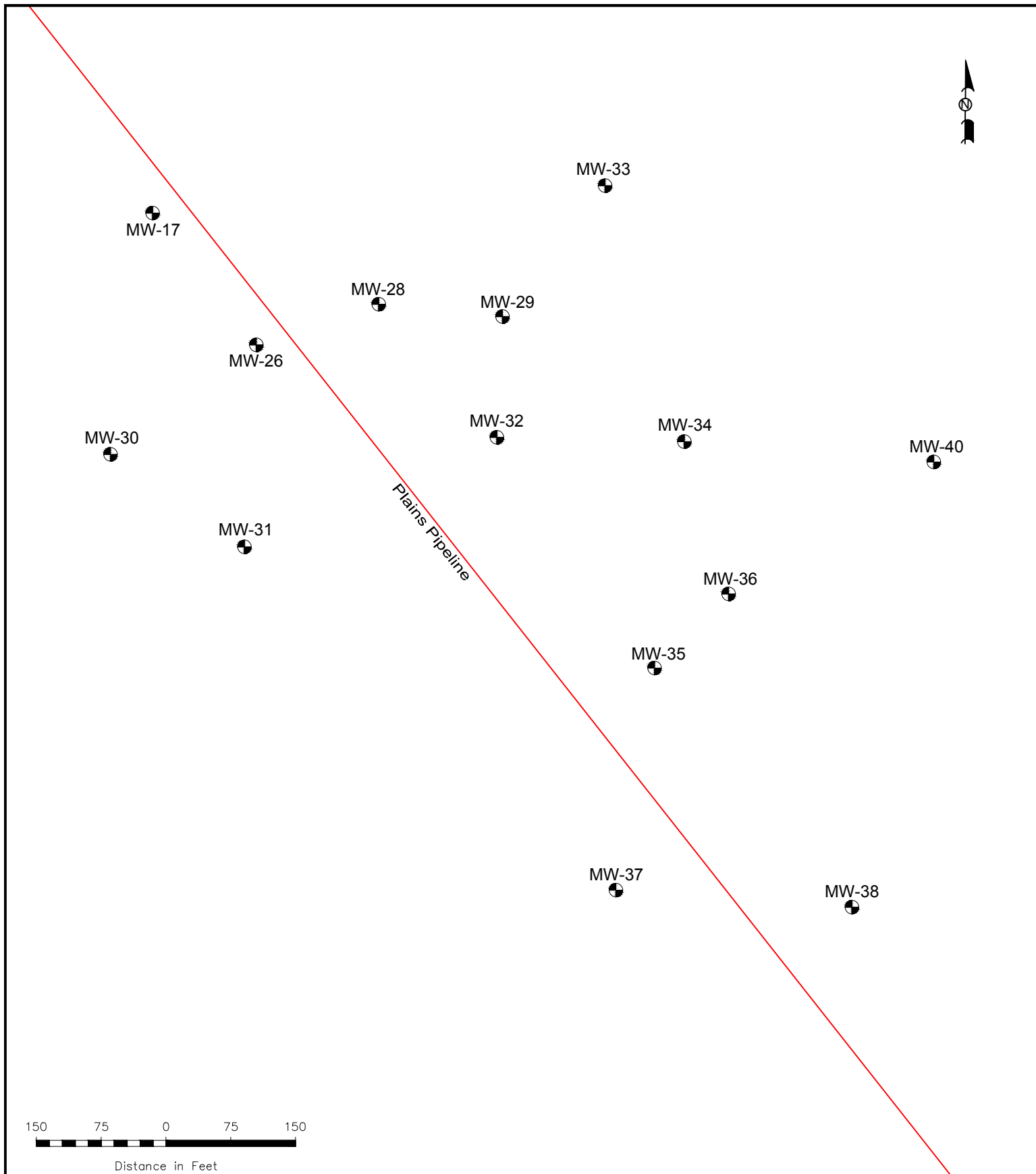


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January 6, 2014 Scale: 1" = 120' CAD By: TA Checked By: CS

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



LEGEND:

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

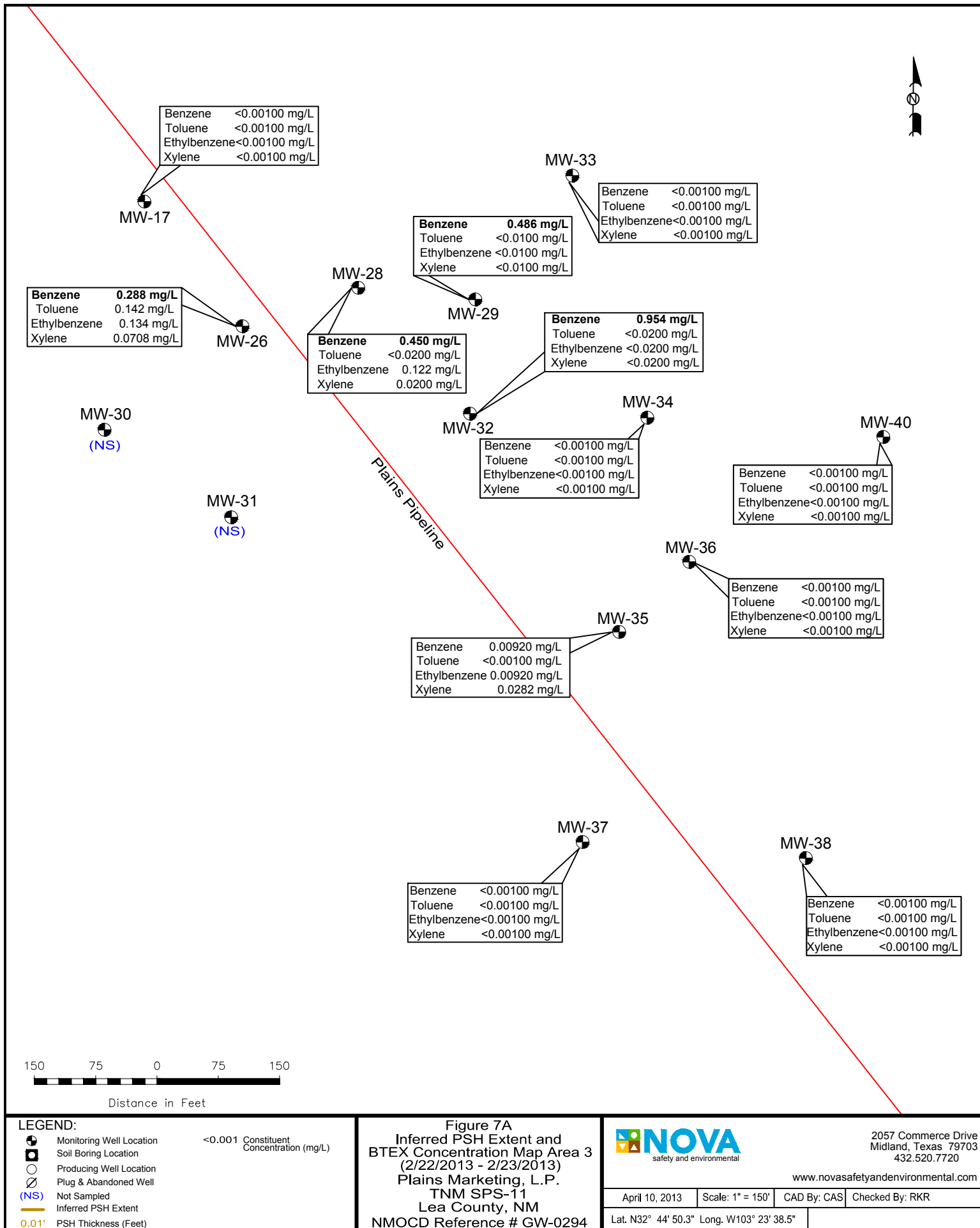
Figure 7
 Area 3
 Site Map
 NMOCD Reference # GW-0294
 Plains Marketing, L.P.
 TNM SPS-11
 Lea County, NM

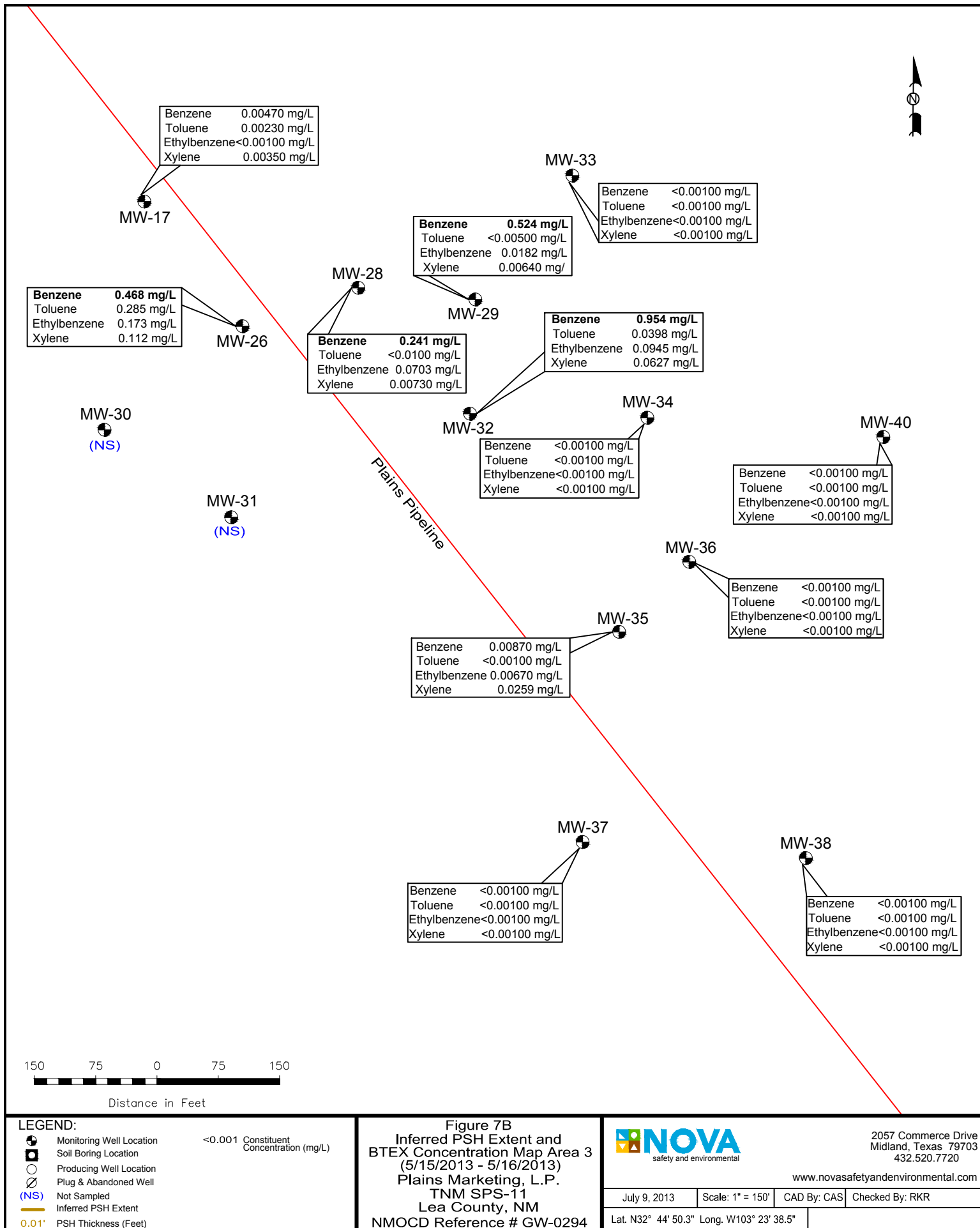


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February 23, 2012	Scale: 1" = 150'	CAD By: CS	Checked By: RKR
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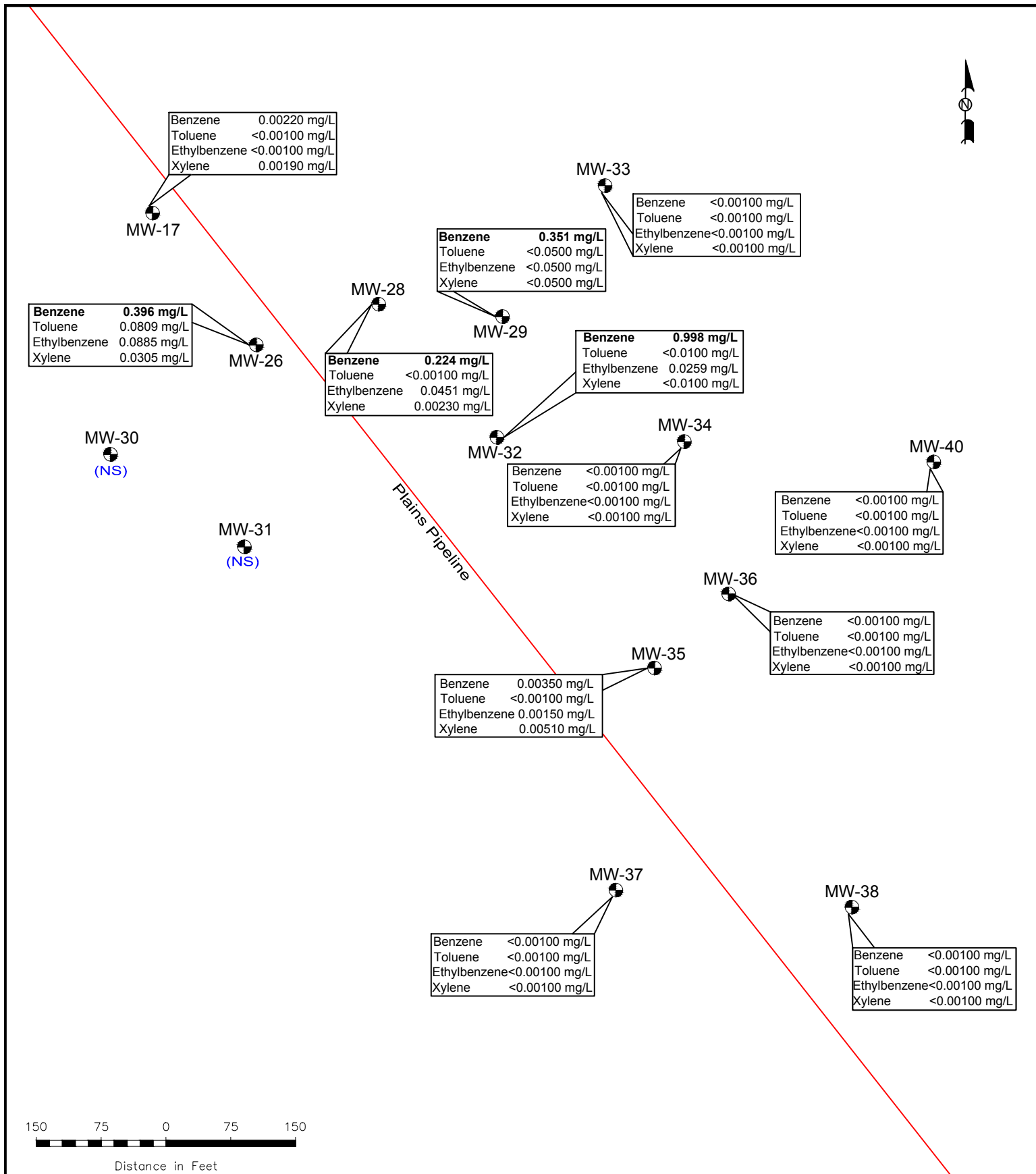


Figure 7C
Inferred PSH Extent and
BTEX Concentration Map Area 3
(8/21/2013)
Plains Marketing, L.P.
TNM SPS-11
Lea County, NM
NMOCD Reference # GW-0294



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September 25, 2013	Scale: 1" = 150'	CAD By: TA	Checked By: CJB
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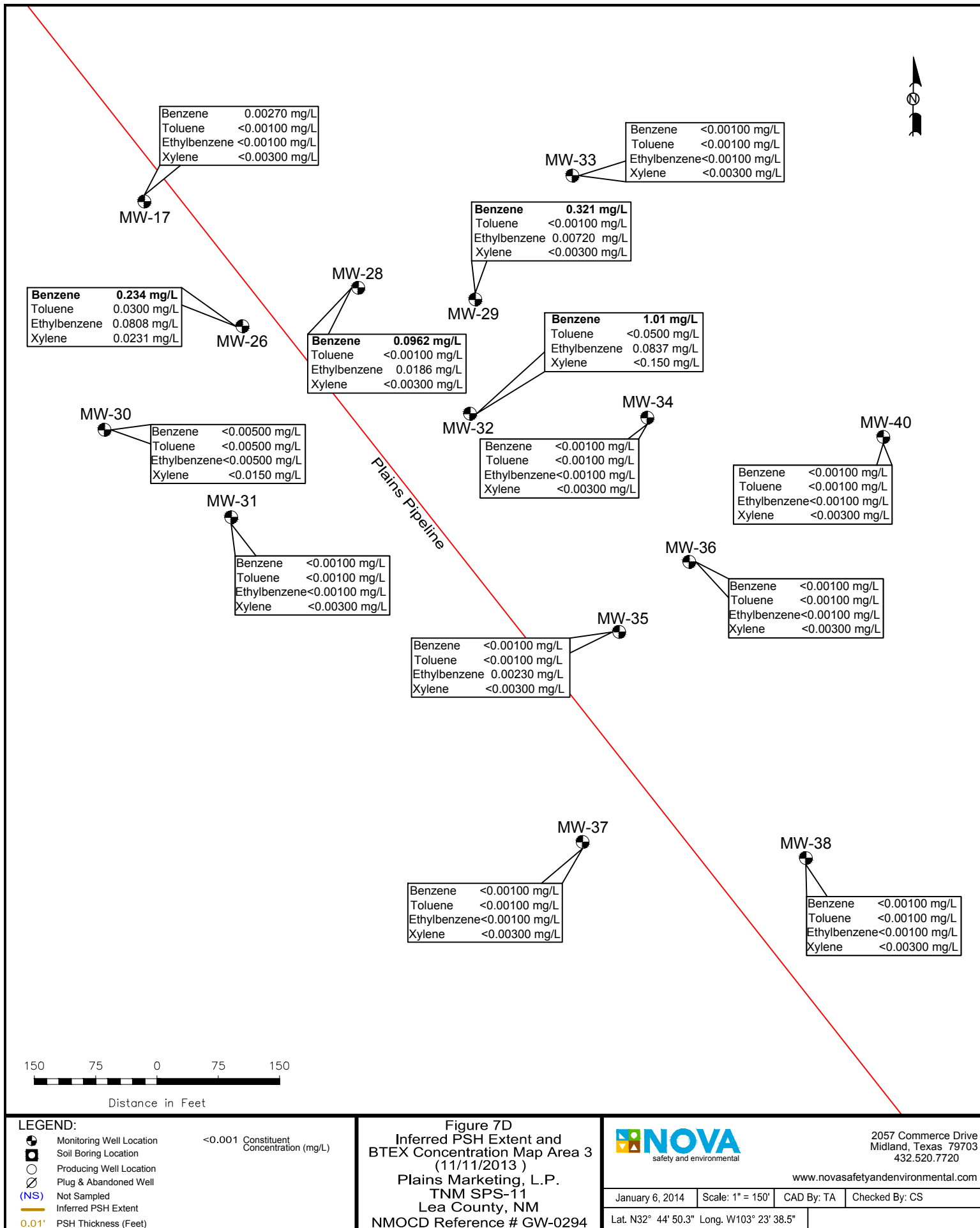


TABLE 1

2013 GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	01/17/13	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
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 - 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 - 3	02/21/13	3861.15	-	61.42	0.00	3799.73
MW - 3	05/15/13	3861.15	-	61.50	0.00	3799.65
MW - 3	08/20/13	3861.15	-	61.58	0.00	3799.57
MW - 3	11/11/13	3861.15	-	61.69	0.00	3799.46
MW - 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

TABLE 1

2013 GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	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
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 - 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 - 7	01/17/13	3859.31	60.45	61.60	1.15	3798.69
MW - 7	01/31/13	3859.31	60.45	61.13	0.68	3798.76
MW - 7	02/21/13	3859.31	60.45	61.25	0.80	3798.74
MW - 7	03/05/13	3859.31	60.49	61.34	0.85	3798.69
MW - 7	03/21/13	3859.31	60.47	61.33	0.86	3798.71
MW - 7	04/04/13	3859.31	60.50	61.40	0.90	3798.68
MW - 7	04/11/13	3859.31	-	60.62	0.00	3798.69
MW - 7	04/18/13	3859.31	60.65	60.68	0.03	3798.66
MW - 7	04/25/13	3859.31	60.63	60.70	0.07	3798.67

TABLE 1

2013 GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	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 - 9	01/17/13	3861.88	-	59.95	0.00	3801.93
MW - 9	01/31/13	3861.88	-	60.03	0.00	3801.85
MW - 9	02/21/13	3861.88	-	60.12	0.00	3801.76
MW - 9	03/05/13	3861.88	-	60.20	0.00	3801.68
MW - 9	03/21/13	3861.88	-	60.03	0.00	3801.85
MW - 9	04/04/13	3861.88	-	60.12	0.00	3801.76
MW - 9	04/11/13	3861.88	-	60.10	0.00	3801.78
MW - 9	04/18/13	3861.88	-	60.19	0.00	3801.69
MW - 9	04/25/13	3861.88	-	60.21	0.00	3801.67
MW - 9	05/01/13	3861.88	-	60.18	0.00	3801.70
MW - 9	05/10/13	3861.88	-	60.18	0.00	3801.70
MW - 9	05/15/13	3861.88	-	60.15	0.00	3801.73
MW - 9	05/24/13	3861.88	-	60.14	0.00	3801.74
MW - 9	05/30/13	3861.88	-	60.19	0.00	3801.69
MW - 9	06/06/13	3861.88	-	60.19	0.00	3801.69
MW - 9	06/14/13	3861.88	-	60.27	0.00	3801.61
MW - 9	06/20/13	3861.88	-	60.23	0.00	3801.65
MW - 9	06/27/13	3861.88	-	60.15	0.00	3801.73
MW - 9	07/03/13	3861.88	-	60.21	0.00	3801.67
MW - 9	07/10/13	3861.88	-	60.26	0.00	3801.62
MW - 9	07/25/13	3861.88	-	60.28	0.00	3801.60

TABLE 1

2013 GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 9	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 - 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 - 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

TABLE 1

2013 GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 11	10/08/13	3860.00	61.22	64.42	3.20	3798.30
MW - 11	10/16/13	3860.00	61.61	63.08	1.47	3798.17
MW - 11	10/24/13	3860.00	61.18	64.63	3.45	3798.30
MW - 11	10/31/13	3860.00	61.22	64.53	3.31	3798.28
MW - 11	11/11/13	3860.00	61.42	66.64	5.22	3797.80
MW - 11	12/11/13	3860.00	61.27	64.73	3.46	3798.21
MW - 11	12/17/13	3860.00	61.28	64.81	3.53	3798.19
*MW - 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 - 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 - 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
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

TABLE 1

2013 GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 14	10/24/13	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 - 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 - 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 - 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 - 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 - 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 - 20	09/14/05	PLUGGED & ABANDONED				
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 - 22	09/14/05	PLUGGED & ABANDONED				
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 - 24	02/21/13	3864.36	-	61.24	0.00	3803.12
MW - 24	05/15/13	3864.36	-	61.32	0.00	3803.04
MW - 24	08/21/13	3864.36	-	61.43	0.00	3802.93

TABLE 1

2013 GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 24	11/11/13	3864.36	-	61.53	0.00	3802.83
*MW - 25	02/21/13	3864.16	-	61.16	0.00	3803.00
MW - 25	05/15/13	3864.16	-	60.25	0.00	3803.91
MW - 25	08/20/13	3864.16	-	60.36	0.00	3803.80
MW-25	11/11/13	3864.16	-	60.45	0.00	3803.71
MW - 26	01/17/13	3858.79	-	63.31	0.00	3795.48
MW - 26	01/31/13	3858.79	-	63.34	0.00	3795.45
MW - 26	02/21/13	3858.79	-	63.31	0.00	3795.48
MW - 26	03/05/13	3858.79	-	63.60	0.00	3795.19
MW - 26	03/21/13	3858.79	-	63.85	0.00	3794.94
MW - 26	04/04/13	3858.79	-	63.39	0.00	3795.40
MW - 26	04/11/13	3858.79	-	63.41	0.00	3795.38
MW - 26	04/18/13	3858.79	-	63.42	0.00	3795.37
MW - 26	04/25/13	3858.79	-	63.43	0.00	3795.36
MW - 26	05/01/13	3858.79	-	63.42	0.00	3795.37
MW - 26	05/10/13	3858.79	-	63.41	0.00	3795.38
MW - 26	05/15/13	3858.79	-	63.42	0.00	3795.37
MW - 26	05/24/13	3858.79	-	63.44	0.00	3795.35
MW - 26	05/30/13	3858.79	-	63.44	0.00	3795.35
MW - 26	06/06/13	3858.79	-	63.44	0.00	3795.35
MW - 26	06/14/13	3858.79	-	63.45	0.00	3795.34
MW - 26	06/20/13	3858.79	-	63.46	0.00	3795.33
MW - 26	06/27/13	3858.79	-	63.43	0.00	3795.36
MW - 26	07/03/13	3858.79	-	63.48	0.00	3795.31
MW - 26	07/10/13	3858.79	-	63.51	0.00	3795.28
MW - 26	07/25/13	3858.79	-	63.50	0.00	3795.29
MW - 26	07/31/13	3858.79	-	63.48	0.00	3795.31
MW - 26	08/21/13	3858.79	-	63.46	0.00	3795.33
MW - 26	08/29/13	3858.79	-	63.50	0.00	3795.29
MW - 26	09/09/13	3858.79	-	63.58	0.00	3795.21
MW - 26	09/18/13	3858.79	-	63.58	0.00	3795.21
MW - 26	09/27/13	3858.79	-	63.60	0.00	3795.19
MW - 26	10/02/13	3858.79	-	63.57	0.00	3795.22
MW - 26	10/08/13	3858.79	-	63.58	0.00	3795.21
MW - 26	10/16/13	3858.79	-	63.60	0.00	3795.19
MW - 26	10/24/13	3858.79	-	63.51	0.00	3795.28
MW - 26	10/31/13	3858.79	-	63.53	0.00	3795.26
MW - 26	11/11/13	3858.79	-	63.53	0.00	3795.26
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 - 27	09/14/05	PLUGGED & ABANDONED				
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

TABLE 1

2013 GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 28	03/05/13	3858.60	-	63.38	0.00	3795.22
MW - 28	03/21/13	3858.60	-	63.56	0.00	3795.04
MW - 28	04/04/13	3858.60	-	63.60	0.00	3795.00
MW - 28	04/11/13	3858.60	-	63.61	0.00	3794.99
MW - 28	04/18/13	3858.60	-	63.63	0.00	3794.97
MW - 28	04/25/13	3858.60	-	63.64	0.00	3794.96
MW - 28	05/01/13	3858.60	-	63.63	0.00	3794.97
MW - 28	05/10/13	3858.60	-	63.63	0.00	3794.97
MW - 28	05/15/13	3858.60	-	63.61	0.00	3794.99
MW - 28	05/24/13	3858.60	-	63.50	0.00	3795.10
MW - 28	05/30/13	3858.60	-	63.64	0.00	3794.96
MW - 28	06/06/13	3858.60	-	63.67	0.00	3794.93
MW - 28	06/14/13	3858.60	-	63.66	0.00	3794.94
MW - 28	06/20/13	3858.60	-	63.67	0.00	3794.93
MW - 28	06/27/13	3858.60	-	63.65	0.00	3794.95
MW - 28	07/03/13	3858.60	-	64.67	0.00	3793.93
MW - 28	07/10/13	3858.60	-	63.39	0.00	3795.21
MW - 28	07/25/13	3858.60	-	63.69	0.00	3794.91
MW - 28	07/31/13	3858.60	-	63.68	0.00	3794.92
MW - 28	08/21/13	3858.60	-	63.66	0.00	3794.94
MW - 28	08/29/13	3858.60	-	63.70	0.00	3794.90
MW - 28	09/09/13	3858.60	-	63.83	0.00	3794.77
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 - 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

TABLE 1

2013 GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 29	06/14/13	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 - 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 - 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-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
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

TABLE 1

2013 GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-32	06/27/13	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-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-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-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-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-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-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

2013 GROUNDWATER ELEVATION DATA

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-38	11/11/13	3855.95	-	62.34	0.00	3793.61
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-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	-

TABLE 2
2013 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	02/22/13	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 - 2	02/22/13	Not Sampled on Current Sample Schedule				
MW - 2	05/15/13	Not Sampled on Current Sample Schedule				
MW - 2	08/21/13	Not Sampled on Current Sample Schedule				
MW - 2	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 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 - 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 - 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	11/12/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 7	02/22/13	Not Sampled Due to PSH in Well				
MW - 7	05/15/13	Not Sampled Due to PSH in Well				
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 - 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	11/12/13	0.00400	<0.00100	<0.00100	<0.00300	
MW - 10	02/22/13	<0.001	<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	11/12/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 11	02/22/13	Not Sampled Due to PSH in Well				

TABLE 2
2013 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	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 - 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 - 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 - 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 - 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	11/12/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 16	02/22/13	<0.001	<0.001	<0.001	<0.001	
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	11/12/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 17	02/22/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 17	05/16/13	0.00470	0.00230	<0.00100	0.00350	
MW - 17	08/21/13	0.00220	<0.00100	<0.00100	0.00190	
MW - 17	11/12/13	0.00270	<0.00100	<0.00100	<0.00300	
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 - 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	

TABLE 2
2013 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 - 20	09/14/05	Plugged and Abandoned				
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 - 22	09/14/05	Plugged and Abandoned				
MW - 23	02/22/13	Not Sampled on Current Sample Schedule				
MW - 23	05/16/13	Not Sampled on Current Sample Schedule				
MW - 23	08/21/13	Not Sampled on Current Sample Schedule				
MW - 23	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 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	11/12/13	<0.00100	<0.00100	<0.00100	<0.00300	
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 - 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	11/12/13	0.234	0.0300	0.0808	0.0231	
MW - 27	09/14/05	Plugged and Abandoned				
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	11/12/13	0.0962	<0.00100	0.0186	<0.00300	
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	11/12/13	0.321	<0.00100	0.00720	<0.00300	
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				

TABLE 2
2013 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 - 30	11/11/13	<0.00500	<0.00500	<0.00500	<0.0150	
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 - 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	11/12/13	1.01	<0.0500	0.0837	<0.150	
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 - 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 - 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	11/12/13	<0.00100	<0.00100	0.00230	<0.00300	
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 - 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 - 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 - 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	

TABLE 2
2013 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 - 39	08/21/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 39	11/12/13	<0.00100	<0.00100	<0.00100	<0.00300	
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	11/12/13	<0.00100	<0.00100	<0.00100	<0.00300	

TABLE 3

CONCENTRATIONS OF PAH IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---
MW-1	12/11/08	Not Sampled Due to Insufficient Water Volume																		
	12/10/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	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.																		
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	<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.																		
	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/11/13	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	<0.000184
	12/09/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/11/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-4	12/11/08	Not Sampled Due to Insufficient Water Volume																		
	12/10/09	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	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.																		
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

TABLE 3

CONCENTRATIONS OF PAH IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																			
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran	
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---	
	11/30/10	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.																			
MW-7	12/11/08	<0.000917	<0.000917	0.00181	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	0.0188	<0.000917	0.0287	<0.000917	0.109	0.232	0.197	0.0205		
	12/10/09	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	0.461	<0.00463	1.27	3.48	3.24	0.284		
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																			
	12/16/11	Not Sampled due to the presence of PSH.																			
	11/27/12	Not Sampled due to the presence of PSH.																			
	11/11/13	Not Sampled due to the presence of PSH.																			
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	0.000278	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	0.00149	0.0013	0.00042	0.000837		
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																			
	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																			
	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																			
	11/12/13	Not Sampled as part of Quarterly Monitoring Event.																			
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.																			
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	0.000386	<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	0.00621	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.																			

TABLE 3

CONCENTRATIONS OF PAH IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																	
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L	0.03 mg/L	---
	11/12/13	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
	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.																	
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.																	
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
	12/16/11	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.00106	<0.000183	0.000973	<0.000183	0.0355	0.0256	0.0224
	11/27/12	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190	0.0012	<0.000190	0.000190	<0.000190	0.0336	0.022	0.027
	11/12/13	<0.000200	<0.000200	0.00526	0.0185	<0.000200	<0.000200	<0.000200	<0.000200	0.0054	<0.000200	<0.000200	<0.000200	<0.000200	0.00677	<0.000200	0.0406	<0.000200	<0.000200
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.																	
	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																	
	11/12/13	Not Sampled as part of Quarterly Monitoring Event.																	
MW-16	12/11/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184

TABLE 3

CONCENTRATIONS OF PAH IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---
	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.																		
MW-17	12/11/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
	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.																		
MW-18	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
	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.																		
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.																		
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.																		

TABLE 3

CONCENTRATIONS OF PAH IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---
	11/11/13	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.																		
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.																		
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.																		
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.																		
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	
	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	0.00315	0.00217	0.000988	0.000758	
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 3

CONCENTRATIONS OF PAH IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---
	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.																		
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.																		
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.																		
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.																		
	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/11/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-32	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.000357	<0.000183	<0.000183	<0.000183	0.000798	0.000604	<0.000183	0.000688
	12/10/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00284	0.00181	<0.000184	0.000877
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/12/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-33	12/11/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184

TABLE 3

CONCENTRATIONS OF PAH IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---
	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.																		
MW-34	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
	12/10/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/11/13	Not Sampled as part of Quarterly Monitoring Event.																		
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.																		
MW-36	12/11/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000315	<0.000184	0.00744	0.0012	0.000186	0.000517	
	12/10/09	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.000516	<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.																		
MW-37	12/11/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
	12/09/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/11/13	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 3

CONCENTRATIONS OF PAH IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---
MW-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.																		
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.																		
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.																		

Surface Owner: New Mexico State Land Office				Mineral Owner		Lease No.	
LOCATION OF RELEASE							
Unit Letter F	Section 18	Township 18S	Range 36E	Feet from the North/South Line	Feet from the East/West Line	County Lea	
Latitude <u>32 degrees 44' 50.3"</u> Longitude <u>103 degrees 23' 36.5"</u>							
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>			
Printed Name: Camille Reynolds				Approved by District Supervisor:			
Title: Remediation Coordinator				Approval Date:		Expiration Date:	
E-mail Address: cireynolds@paalp.com				Conditions of Approval:			
Date: 3/21/2005 Phone: (505)441-0965				Attached ☐			

* Attach Additional Sheets If Necessary



AMARILLO

921 North Bivins
Amarillo, Texas 79107
Phone 806.467.0607
Fax 806.467.0622

ARTESIA

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Artesia, New Mexico 88210
Phone 575.746.8768
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Hobbs, New Mexico 88241
Phone 505.393.4261
Fax 505.393.4658

MIDLAND

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Phone 432.522.2133
Fax 432.522.2180

OKLAHOMA CITY

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Fax 918.382.0232

ENVIRONMENTAL CONSULTING
ENGINEERING
DRILLING
CONSTRUCTION
SPILL MANAGEMENT
GENERAL CONTRACTING

**MOBILE DUAL PHASE EXTRACTION REPORT
TNM SPS-11 PIPELINE RELEASE
LEA COUNTY, NEW MEXICO
SRS # TNM SPS-11
TALON/LPE PROJECT # 700376.101.04
NMOCD # GW-0294**

PREPARED FOR:

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

PREPARED BY:

**TALON/LPE
921 N. BIVINS
AMARILLO, TEXAS 79107**

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JANUARY 28, 2014

Toll Free: 866.742.0742
www.talonlpe.com



Attachments:

- Attachment 1 - MDPE field logs
- Attachment 2 - Laboratory Analytical Results
- Attachment 3 – Oxidizer Charts

I. MDPE SUMMARY REPORT AND WASTE DISPOSITION

A. MDPE Results

The following report summarizes data collected during the 12-hour High Vacuum Multi-Phase Extraction (MDPE) event conducted on November 20th, 2013, at the TNM SPS-11 Pipeline release site, located in Lea County, New Mexico. The objective of the MDPE treatment was to remove both vapor and liquid phase separated hydrocarbons (PSH) from onsite groundwater wells. Talon/LPE utilized an MDPE unit which consisted of an SVE extraction pump capable of generating vacuum up to 25" hg. Off gas vapors extracted from the extraction wells were destroyed using a propane-fired 1000-SCFM thermal oxidizer capable of processing 172.96 lbs/hr of gasoline.

A total of 12 hours (0.5 days) of PSH recovery was performed on MW-1 and MW- 11 for 12 hours.

Prior to and immediately following the event, the groundwater wells were gauged for groundwater elevation and PSH. Depth to groundwater ranges were measured in feet below the top of casing. Refer to Attachment 1 for a summary of data collected during the MDPE event.

The volume of PSH removed during the MDPE event is shown to reflect the portions of PSH in the liquid phase and as off-gas vapor. Air removal rates were calculated from velocity measurements recorded at the influent manifold prior to entry into the MDPE unit. PSH recovery and air flow data has been detailed and is contained in Table 1. Two influent air samples were collected over the course of the event. These samples were submitted for laboratory testing in order to compare the predicted vapor concentrations (based on field-screening or calculated based on fuel consumption) to the actual vapor concentrations. Both influent samples were tested for Total-Gas Analysis (Hydrocarbon Composition) by method GPA 2261-C6+. Laboratory analytical results can be found in Attachment 2.

Based on a combination of field vapor screening and collected laboratory samples, a combined estimated total of **23.48 equivalent gallons of hydrocarbons (Total)** were removed during the event. The combined volume of hydrocarbons were comprised of approximately **4 gallons of PSH (liquid phase)** and approximately **19.48 gallons as off-gas vapor**. The calculations used to estimate the off-gas vapor mass recovered reflect the mass of total hydrocarbons recovered and does not necessarily equate to an equal mass of the product released. The mass recovery calculations may be affected by variations in the specific gravity of hydrocarbon released, age of release, activity of aerobic and/or anaerobic processes, and site specific geochemical factors.

The cumulative air flow measurements for the MDPE event were calculated using a combination of field data measurements and Preso® B+ manufacturer provided formulas. **Air flow rates extracted from the recovery wells averaged 81.67 SCFM** during the event.

A portion of the extracted air flow rates measured is attributable to compressed air, which was "injected" into the extraction wells. This "injected" air is introduced into the

extraction wells for the purpose of enhancing liquid recovery rates.

B. Air Quality

Two influent air samples were collected during the event. These samples were submitted for laboratory testing in order to compare the predicted vapor concentrations (based on field-screening or calculated based on fuel consumption) to the actual vapor concentrations. The maximum influent concentration was recorded as 33,110 ppmv for Hydrocarbon Composition. Laboratory analytical results can be found in Attachment 2.

C. Waste Management and Disposition

A cumulative total of 1,020 gallons of fluid were generated during this event. The fluids were transferred to an on-site storage tank prior to being hauled to an authorized disposal facility. A copy of the disposal ticket can be found in Attachment 4.

II. SYSTEM OPERATION DATA AND MASS RECOVERY CALCULATIONS

Formulae:

$$\text{Concentration (C_mg/l)} = \frac{\text{C_ppmv} \times \text{Mol. wt. in mg(estimated)} \times 1000 \times 0.000001}{0.0821 \times \text{Temp (K)}}$$

$$\text{Recovery Rate (lbs/hr)} = \frac{(\text{C_mg/l}) \times 2.2 \times (\text{Flowrate}) \times 60 \times 28.32}{1,000,000}$$

$$\text{Recovery (lbs)} = (\text{lbs/hr}) \times (\text{hrs})$$

$$\text{Correction Factor (CF)} = \frac{\text{FID Reading(ppmv)}}{\text{FID Reading at Time of Laboratory Analysis}}$$

$$\frac{8.34 \text{ lbs}}{\text{gallon water}} \times 0.82 \text{ average specific gravity of light crude (estimated)} = \frac{6.84 \text{ lbs light crude}}{\text{gallon}}$$

Table 1
System Operation Data and Mass Recovery Calculations

Time	Period (hours)	Influent Temp. (°f)	Vacuum (In. hg)	Vacuum (In. h2O)	Differential pressure (In. h2O)	Flow (SCFM)	FID Readings (ppm)	Lab Result (ppmv)	Assigned Lab Result (ppmv)	Correction Factor (CF)	Adjusted Lab Result (ppmv)	Adjusted Lab Result (mg/L)	Recovery (lbs/hr)	Recovery in Period (lbs)	Total Recovery (lbs)
8:00	0.5	58	17	231.35	10.1	73.90	50000	-	33110.00	1.00	33110	40.40	11.16	5.58	5.58
8:30	0.5	58	17	231.35	11.2	77.82	50000	33110.00	33110.00	1.00	33110	40.40	11.75	5.88	11.46
9:30	1	62	17.5	238.16	13.1	82.21	50000	-	33110.00	1.00	33110	40.09	12.32	12.32	23.78
10:30	1	68	18	244.96	14.3	83.67	50000	-	33110.00	1.00	33110	39.64	12.40	12.40	36.18
11:30	1	72	18	244.96	13.9	82.18	50000	-	33110.00	1.00	33110	39.34	12.09	12.09	48.26
12:30	1	76	18	244.96	14.1	82.46	50000	-	33110.00	1.00	33110	39.05	12.04	12.04	60.30
13:30	1	76	18	244.96	14.4	83.33	50000	-	33110.00	1.00	33110	39.05	12.16	12.16	72.46
14:30	1	76	18	244.96	14	82.17	50000	-	27470.00	1.00	27470	32.39	9.95	9.95	82.41
15:30	1	72	18	244.96	13.8	81.88	50000	-	27470.00	1.00	27470	32.64	9.99	9.99	92.40
16:30	1	72	18	244.96	14.2	83.06	50000	-	27470.00	1.00	27470	32.64	10.13	10.13	102.54
17:30	1	72	18	244.96	13.9	82.18	50000	-	27470.00	1.00	27470	32.64	10.03	10.03	112.56
18:30	1	66	18	244.96	14.4	84.12	50000	27470.00	27470.00	1.00	27470	33.01	10.38	10.38	122.94
19:30	1	62	18	244.96	13.8	82.67	50000	-	27470.00	1.00	27470	33.26	10.28	10.28	133.22
Averages:		68.46	17.81	242.34	13.48	81.67	50000.00						Total	133.22	

PSH Mass Recovered in Vapor Phase = 19.48 gallons

FID maximum Concentration = 50,000 PPM

Ex: Conversion from ppmv to mg/L (influent 1)						
Measured Conc.	Molecular Wt.	Pressure	Gas Constant	Temp.	Temp.	Conc.
(ppmv)	(Grams)	(atm)	(atm.liter/K.mole)	(F)	(K)	(C_mg/l)
33110	28.7981	1	0.0821	58	287.444444	40.4041287

Inputs are the green values.

Calculated values are yellow.

Constants are purple values.

Output are the blue values.

Liquid-phase Hydrocarbon Recovery

$\square \cdot r^2 \cdot h$ = volume

Total Hydrocarbon Recovery

PSH Mass Recovered in Vapor Phase = 133.22 lbs
 19.48 gallons
 PSH Mass Recovered in Liquid Phase = 27.36 lbs
 4.00 gallons

TOTAL = 160.58 lbs
23.48 gallons

Gallons removed determined at time of pick up

PSH Volume in Gallons=

4

PSH Mass in Pounds=

27.36

% Vol. Hydrocarbon to ppmv - Influent 1

Compound	Molecular Weight (g/mol)	% Vol	=	ppmv
Methane (CH4)	16.04	1.66		16600.00
Ethane (C2H6)	30.07	0		0.00
Propane (C3H8)	44.10	0		0.00
Iso-Butane (C4H10)	58.12	0		0.00
N-Butane (C4H10)	58.12	0		0.00
Iso-Pentane (C4H12)	72.15	0		0.00
N-Pentane (C5H12)	72.15	0.025		250.00
Hexane+ (C6H14)	97.40	1.626		16260.00
Total				33110.00

*Hexane+ is treated as 60% hexanes, 30 % heptanes, and 10 % octanes, as such its
 $(0.6*93.1887)+(0.3*100.2019)+(0.1*114.2285) = 97.3966$

Molecular Weight Calculations

component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	91.598
Methane (CH4)	16.0425	2.977
Carbon Dioxide (CO2)	44.011	4.913
Ethane (C2H6)	30.069	0
Propane (C3H8)	44.0956	0
Iso-Butane (C4H10)	58.1222	0
N-Butane (C4H10)	58.1222	0
Iso-Pentane (C4H12)	72.1488	0
N-Pentane (C5H12)	72.1488	0.01
Hexane+	97.3966	0.50
Total		100

Calculated MW 28.7981

% Vol. Hydrocarbon to ppmv - Influent 2

Compound	Molecular Weight (g/mol)	% Vol	=	ppmv
Methane (CH4)	16.04	1.341		13410.00
Ethane (C2H6)	30.07	0		0.00
Propane (C3H8)	44.10	0		0.00
Iso-Butane (C4H10)	58.12	0		0.00
N-Butane (C4H10)	58.12	0		0.00
Iso-Pentane (C4H12)	72.15	0		0.00
N-Pentane (C5H12)	72.15	0.02		200.00
Hexane+ (C6H14)	97.40	1.386		13860.00
Total				27470.00

*Hexane+ is treated as 60% hexanes, 30 % heptanes, and 10 % octanes, as such its
 $(0.6*93.1887)+(0.3*100.2019)+(0.1*114.2285) = 97.3966$

Molecular Weight Calculations

component	Molecular Weight (g/mol)	mol%
Nitrogen (N2)	28.016	92.357
Methane (CH4)	16.0425	2.405
Carbon Dioxide (CO2)	44.011	4.802
Ethane (C2H6)	30.069	0
Propane (C3H8)	44.0956	0
Iso-Butane (C4H10)	58.1222	0
N-Butane (C4H10)	58.1222	0
Iso-Pentane (C4H12)	72.1488	0
N-Pentane (C5H12)	72.1488	0.01
Hexane+	97.3966	0.43
Total		100

Calculated MW 28.7966

Calculated MW= $\frac{\text{sum (individual component MW x their reported mol\%)}}{100}$

ppmv= % Vol x 10,000

ATTACHMENT 1

MDPE Field Logs

Start Date: 11/20/2013

MDPE FIELD DATA

		Well Flow						Well Data		
TIME	SAMPLE TAKEN	Inflent temp. (°f)	Diff. Pressure (INH2O) 2" Preso	Vac (In.Hg)	FID Composite (PPM)	Propane Tank (%-size) 500 Gal.	EXHAUST TEMP F	COMMENTS:		
								MW-1	MW-11	
								VAC (INH2O)	VAC (INH2O)	VAC (INH2O)
8:00		58	10.1	17	50000	42	1412	37.6	19.8	
8:30	*	58	11.2	17	50000	41	1414	38.4	20.1	
9:30		62	13.1	17.5	50000	39	1412	40.9	19.7	
10:30		68	14.3	18	50000	37	1409	43	19.9	
11:30		72	13.9	18	50000	36	1415	42.5	20.1	
12:30		76	14.1	18	50000	35	1412	43.4	23	
13:30		76	14.4	18	50000	34	1418	42.9	24.3	
14:30		76	14	18	50000	32	1414	42.7	22.7	
15:30		72	13.8	18	50000	30	1412	42	23.9	
16:30		72	14.2	18	50000	29	1415	43.2	21.8	
17:30		72	13.9	18	50000	27	1414	42.9	24.7	
18:30	*	66	14.4	18	50000	26	1412	42.5	25.3	
19:30		62	13.8	18	50000	25	1413	42.6	25.1	

Soil Vacuum Influence	
Observation Well	MW-4
Extraction Well (EW)	MW-1
Time:	In. H2O
	0
	0
	0

ATTACHMENT 2
Laboratory Analytical Results



Certificate of Analysis

Number: 1030-13110741-001A

Houston Laboratories
8820 Interchange Drive
Houston, TX 77054
Phone 713-660-0901

Jason Shubert
Talon/LPE
921 N. Bivins St
Amarillo, TX 79107

Dec. 02, 2013

Station Name: Influent #1
Station Number: TNM SPS-11
Station Location: Hobbs, NM
Station Number: 700376.101.04
Analyzed: 12/01/2013 07:59:56 by JD

Sampled By:
Sample Of: Gas Spot
Sample Date: 11/20/2013 08:30
Sample Conditions:
Method: GPA-2261M

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia		
Nitrogen	91.598	89.175		GPM TOTAL C2+	0.222
Carbon Dioxide	4.913	7.514		GPM TOTAL C3+	0.222
Methane	2.977	1.660		GPM TOTAL iC5+	0.222
Ethane	NIL	NIL	NIL		
Propane	NIL	NIL	NIL		
Iso-butane	NIL	NIL	NIL		
n-Butane	NIL	NIL	NIL		
Iso-pentane	NIL	NIL	NIL		
n-Pentane	0.010	0.025	0.004		
Hexanes Plus	0.502	1.626	0.218		
	100.000	100.000	0.222		

Physical Properties	Total	C6+
Relative Density Real Gas	0.9936	3.2176
Calculated Molecular Weight	28.77	93.19
Compressibility Factor	0.9995	

GPA 2172-09 Calculation:

Calculated Gross BTU per ft³ @ 14.65 psia & 60°F

Real Gas Dry BTU	56	5113
Water Sat. Gas Base BTU	55	5024

Comments: H2O Mol% : 1.750 ; Wt% : 1.103

Hydrocarbon Laboratory Manager

Quality Assurance:

The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated.



Certificate of Analysis

Number: 1030-13110741-002A

Houston Laboratories
8820 Interchange Drive
Houston, TX 77054
Phone 713-660-0901

Jason Shubert
Talon/LPE
921 N. Bivins St
Amarillo, TX 79107

Dec. 02, 2013

Station Name: Influent #2
Station Number: TNM SPS-11
Station Location: Hobbs, NM
Station Number: 700376.101.04
Analyzed: 12/01/2013 08:26:29 by JD

Sampled By:
Sample Of: Gas Spot
Sample Date: 11/20/2013 18:30
Sample Conditions:
Method: GPA-2261M

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.65 psia	
Nitrogen	92.357	89.909		GPM TOTAL C2+ 0.189
Carbon Dioxide	4.802	7.344		GPM TOTAL C3+ 0.189
Methane	2.405	1.341		GPM TOTAL iC5+ 0.189
Ethane	NIL	NIL	NIL	
Propane	NIL	NIL	NIL	
Iso-butane	NIL	NIL	NIL	
n-Butane	NIL	NIL	NIL	
Iso-pentane	NIL	NIL	NIL	
n-Pentane	0.008	0.020	0.003	
Hexanes Plus	0.428	1.386	0.186	
	100.000	100.000	0.189	

Physical Properties	Total	C6+
Relative Density Real Gas	0.9936	3.2176
Calculated Molecular Weight	28.78	93.19
Compressibility Factor	0.9995	

GPA 2172-09 Calculation:

Calculated Gross BTU per ft³ @ 14.65 psia & 60°F

Real Gas Dry BTU	46	5113
Water Sat. Gas Base BTU	46	5024

Comments: H2O Mol% : 1.750 ; Wt% : 1.103

Hydrocarbon Laboratory Manager

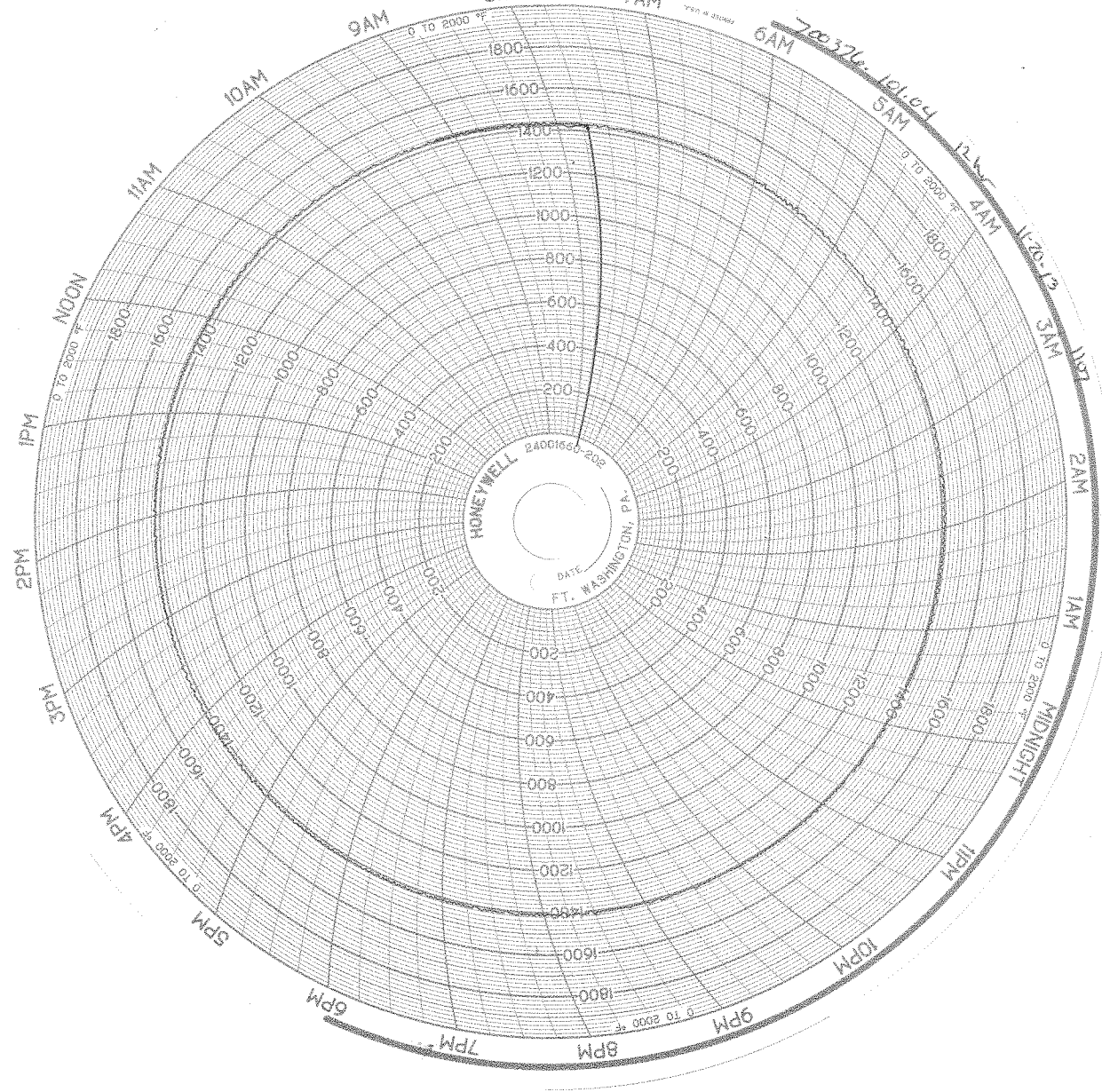
Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated.

SPL, Inc.

[illegible]

ATTACHMENT 3

Oxidizer Charts



Summary Report

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

Report Date: March 5, 2013

Work Order: 13022517



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

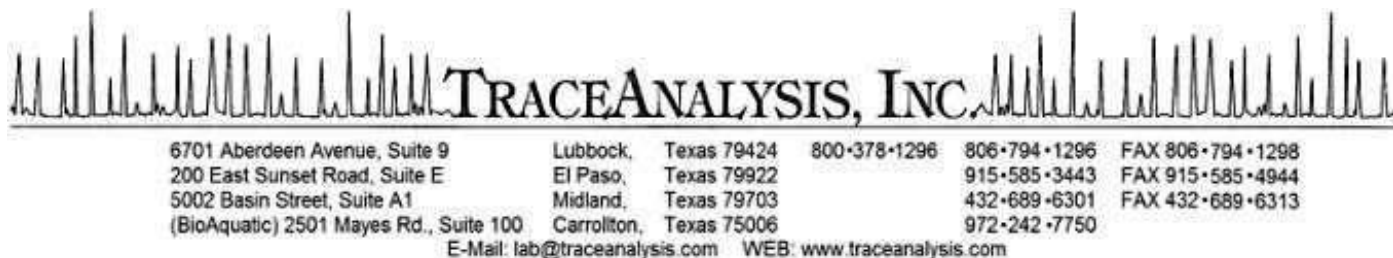
Sample	Description	Matrix	Date Taken	Time Taken	Date Received
322072	MW-6	water	2013-02-22	11:20	2013-02-25
322073	MW-10	water	2013-02-22	13:02	2013-02-25
322074	MW-15	water	2013-02-22	11:38	2013-02-25
322075	MW-24	water	2013-02-22	10:09	2013-02-25
322076	MW-39	water	2013-02-22	13:16	2013-02-25
322077	MW-12	water	2013-02-22	12:22	2013-02-25
322078	MW-16	water	2013-02-22	10:25	2013-02-25
322079	MW-17	water	2013-02-22	13:34	2013-02-25
322080	MW-9	water	2013-02-22	10:34	2013-02-25
322081	MW-26	water	2013-02-22	13:53	2013-02-25
322082	MW-14	water	2013-02-22	12:15	2013-02-25
322083	MW-33	water	2013-02-23	11:15	2013-02-25
322084	MW-34	water	2013-02-23	13:04	2013-02-25
322085	MW-36	water	2013-02-23	14:26	2013-02-25
322086	MW-37	water	2013-02-23	14:50	2013-02-25
322087	MW-38	water	2013-02-23	15:03	2013-02-25
322088	MW-40	water	2013-02-23	13:20	2013-02-25
322089	MW-35	water	2013-02-23	13:40	2013-02-25
322090	MW-29	water	2013-02-23	11:36	2013-02-25
322091	MW-32	water	2013-02-23	12:25	2013-02-25
322092	MW-28	water	2013-02-23	11:16	2013-02-25

Sample - Field Code	BTEX			
	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)
322072 - MW-6	<0.00100	<0.00100	<0.00100 Q _s	<0.00100
322073 - MW-10	<0.00100	<0.00100	<0.00100 Q _s	<0.00100

continued ...

... continued

Sample - Field Code	BTEX			
	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)
322074 - MW-15	<0.00100	<0.00100	<0.00100 Q _s	<0.00100
322075 - MW-24	<0.00100	<0.00100	<0.00100 Q _s	<0.00100
322076 - MW-39	<0.00100	<0.00100	<0.00100 Q _s	<0.00100
322077 - MW-12	<0.00100	<0.00100	<0.00100 Q _s	<0.00100
322078 - MW-16	<0.00100	<0.00100	<0.00100 Q _s	<0.00100
322079 - MW-17	<0.00100	<0.00100	<0.00100 Q _s	<0.00100
322080 - MW-9	0.0298 Q _s	<0.00100 Q _s	<0.00100 Q _s	<0.00100 Q _s
322081 - MW-26	0.288 Q _s	0.142 Q _s	0.136 Q _s	0.0708 Q _s
322082 - MW-14	2.53 Q _s	<0.0200 Q _s	0.200 Q _s	<0.0200 Q _s
322083 - MW-33	<0.00100	<0.00100	<0.00100 Q _s	<0.00100
322084 - MW-34	<0.00100	<0.00100	<0.00100 Q _s	<0.00100
322085 - MW-36	<0.00100	<0.00100	<0.00100 Q _s	<0.00100
322086 - MW-37	<0.00100	<0.00100	<0.00100 Q _s	<0.00100
322087 - MW-38	<0.00100	<0.00100	<0.00100 Q _s	<0.00100
322088 - MW-40	<0.00100	<0.00100	<0.00100 Q _s	<0.00100
322089 - MW-35	0.00920 Q _s	<0.00100 Q _s	0.00920 Q _s	0.0282 Q _s
322090 - MW-29	0.486 Q _s	<0.0100 Q _s	<0.0100 Q _s	<0.0100 Q _s
322091 - MW-32	0.954 Q _s	<0.0200 Q _s	<0.0200 Q _s	<0.0200 Q _s
322092 - MW-28	0.450 Q _s	<0.0200 Q _s	0.122 Q _s	<0.0200 Q _s



Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

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

Report Date: March 5, 2013

Work Order: 13022517



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

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

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
322072	MW-6	water	2013-02-22	11:20	2013-02-25
322073	MW-10	water	2013-02-22	13:02	2013-02-25
322074	MW-15	water	2013-02-22	11:38	2013-02-25
322075	MW-24	water	2013-02-22	10:09	2013-02-25
322076	MW-39	water	2013-02-22	13:16	2013-02-25
322077	MW-12	water	2013-02-22	12:22	2013-02-25
322078	MW-16	water	2013-02-22	10:25	2013-02-25
322079	MW-17	water	2013-02-22	13:34	2013-02-25
322080	MW-9	water	2013-02-22	10:34	2013-02-25
322081	MW-26	water	2013-02-22	13:53	2013-02-25
322082	MW-14	water	2013-02-22	12:15	2013-02-25
322083	MW-33	water	2013-02-23	11:15	2013-02-25
322084	MW-34	water	2013-02-23	13:04	2013-02-25
322085	MW-36	water	2013-02-23	14:26	2013-02-25
322086	MW-37	water	2013-02-23	14:50	2013-02-25
322087	MW-38	water	2013-02-23	15:03	2013-02-25
322088	MW-40	water	2013-02-23	13:20	2013-02-25

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
322089	MW-35	water	2013-02-23	13:40	2013-02-25
322090	MW-29	water	2013-02-23	11:36	2013-02-25
322091	MW-32	water	2013-02-23	12:25	2013-02-25
322092	MW-28	water	2013-02-23	11:16	2013-02-25

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

This report consists of a total of 22 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.



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

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Sample 322083 (MW-33)	10
Sample 322084 (MW-34)	10
Sample 322085 (MW-36)	11
Sample 322086 (MW-37)	11
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Case Narrative

Samples for project TNM SPS-11 were received by TraceAnalysis, Inc. on 2013-02-25 and assigned to work order 13022517. Samples for work order 13022517 were received intact without headspace and at a temperature of 6.3 C. Samples were received on ice.

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

Test	Method	Prep Batch	Prep Date	QC Batch	Analysis Date
BTEX	S 8021B	84114	2013-02-27 at 14:22	99298	2013-02-27 at 14:24
BTEX	S 8021B	84178	2013-03-01 at 11:10	99374	2013-03-01 at 11:11

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 13022517 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: 322072 - MW-6

Laboratory: Midland
Analysis: BTEX
QC Batch: 99298
Prep Batch: 84114

Analytical Method: S 8021B
Date Analyzed: 2013-02-27
Sample Preparation: 2013-02-26

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

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	Qsr	Qsr	0.112	mg/L	1	0.100	112	75.7 - 109
4-Bromofluorobenzene (4-BFB)			0.0990	mg/L	1	0.100	99	68.1 - 109

Sample: 322073 - MW-10

Laboratory: Midland
Analysis: BTEX
QC Batch: 99298
Prep Batch: 84114

Analytical Method: S 8021B
Date Analyzed: 2013-02-27
Sample Preparation: 2013-02-26

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

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	Qsr	Qsr	0.110	mg/L	1	0.100	110	75.7 - 109
4-Bromofluorobenzene (4-BFB)			0.0962	mg/L	1	0.100	96	68.1 - 109

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Sample: 322074 - MW-15

Laboratory: Midland

Analysis: BTEX

QC Batch: 99298

Prep Batch: 84114

Analytical Method: S 8021B

Date Analyzed: 2013-02-27

Sample Preparation: 2013-02-26

Prep Method: S 5030B

Analyzed By: AH

Prepared By: AH

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	Qsr	Qsr	0.112	mg/L	1	0.100	112	75.7 - 109
4-Bromofluorobenzene (4-BFB)			0.0995	mg/L	1	0.100	100	68.1 - 109

Sample: 322075 - MW-24

Laboratory: Midland

Analysis: BTEX

QC Batch: 99298

Prep Batch: 84114

Analytical Method: S 8021B

Date Analyzed: 2013-02-27

Sample Preparation: 2013-02-26

Prep Method: S 5030B

Analyzed By: AH

Prepared By: AH

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	Qsr	Qsr	0.111	mg/L	1	0.100	111	75.7 - 109
4-Bromofluorobenzene (4-BFB)			0.101	mg/L	1	0.100	101	68.1 - 109

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Sample: 322076 - MW-39

Laboratory: Midland

Analysis: BTEX

QC Batch: 99298

Prep Batch: 84114

Analytical Method: S 8021B

Date Analyzed: 2013-02-27

Sample Preparation: 2013-02-26

Prep Method: S 5030B

Analyzed By: AH

Prepared By: AH

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	Qsr	Qsr	0.110	mg/L	1	0.100	110	75.7 - 109
4-Bromofluorobenzene (4-BFB)			0.0986	mg/L	1	0.100	99	68.1 - 109

Sample: 322077 - MW-12

Laboratory: Midland

Analysis: BTEX

QC Batch: 99298

Prep Batch: 84114

Analytical Method: S 8021B

Date Analyzed: 2013-02-27

Sample Preparation: 2013-02-26

Prep Method: S 5030B

Analyzed By: AH

Prepared By: AH

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	Qsr	Qsr	0.110	mg/L	1	0.100	110	75.7 - 109
4-Bromofluorobenzene (4-BFB)			0.0977	mg/L	1	0.100	98	68.1 - 109

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Sample: 322078 - MW-16

Laboratory: Midland

Analysis: BTEX

QC Batch: 99298

Prep Batch: 84114

Analytical Method: S 8021B

Date Analyzed: 2013-02-27

Sample Preparation: 2013-02-26

Prep Method: S 5030B

Analyzed By: AH

Prepared By: AH

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	Qsr	Qsr	0.110	mg/L	1	0.100	110	75.7 - 109
4-Bromofluorobenzene (4-BFB)			0.0961	mg/L	1	0.100	96	68.1 - 109

Sample: 322079 - MW-17

Laboratory: Midland

Analysis: BTEX

QC Batch: 99298

Prep Batch: 84114

Analytical Method: S 8021B

Date Analyzed: 2013-02-27

Sample Preparation: 2013-02-26

Prep Method: S 5030B

Analyzed By: AH

Prepared By: AH

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	Qsr	Qsr	0.110	mg/L	1	0.100	110	75.7 - 109
4-Bromofluorobenzene (4-BFB)			0.0985	mg/L	1	0.100	98	68.1 - 109

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Sample: 322080 - MW-9

Laboratory: Midland

Analysis: BTEX

QC Batch: 99374

Prep Batch: 84178

Analytical Method: S 8021B

Date Analyzed: 2013-03-01

Sample Preparation:

Prep Method: S 5030B

Analyzed By: AH

Prepared By: AH

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qs	1	0.0298	mg/L	1	0.00100
Toluene	Qs,U	1	<0.00100	mg/L	1	0.00100
Ethylbenzene	Qs,U	1	<0.00100	mg/L	1	0.00100
Xylene	Qs,U	1	<0.00100	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	Qsr	Qsr	0.112	mg/L	1	0.100	112	75.7 - 109
4-Bromofluorobenzene (4-BFB)			0.101	mg/L	1	0.100	101	68.1 - 109

Sample: 322081 - MW-26

Laboratory: Midland

Analysis: BTEX

QC Batch: 99374

Prep Batch: 84178

Analytical Method: S 8021B

Date Analyzed: 2013-03-01

Sample Preparation:

Prep Method: S 5030B

Analyzed By: AH

Prepared By: AH

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qs	1	0.288	mg/L	1	0.00100
Toluene	Qs	1	0.142	mg/L	1	0.00100
Ethylbenzene	Qs	1	0.136	mg/L	1	0.00100
Xylene	Qs	1	0.0708	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	Qsr	Qsr	0.110	mg/L	1	0.100	110	75.7 - 109
4-Bromofluorobenzene (4-BFB)			0.106	mg/L	1	0.100	106	68.1 - 109

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Sample: 322082 - MW-14

Laboratory: Midland

Analysis: BTEX

QC Batch: 99374

Prep Batch: 84178

Analytical Method: S 8021B

Date Analyzed: 2013-03-01

Sample Preparation:

Prep Method: S 5030B

Analyzed By: AH

Prepared By: AH

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qs	1	2.53	mg/L	20	0.00100
Toluene	Qs,U	1	<0.0200	mg/L	20	0.00100
Ethylbenzene	Qs	1	0.200	mg/L	20	0.00100
Xylene	Qs,U	1	<0.0200	mg/L	20	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			2.13	mg/L	20	2.00	106	75.7 - 109
4-Bromofluorobenzene (4-BFB)			1.97	mg/L	20	2.00	98	68.1 - 109

Sample: 322083 - MW-33

Laboratory: Midland

Analysis: BTEX

QC Batch: 99298

Prep Batch: 84114

Analytical Method: S 8021B

Date Analyzed: 2013-02-27

Sample Preparation: 2013-02-26

Prep Method: S 5030B

Analyzed By: AH

Prepared By: AH

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.107	mg/L	1	0.100	107	75.7 - 109
4-Bromofluorobenzene (4-BFB)			0.0985	mg/L	1	0.100	98	68.1 - 109

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Sample: 322084 - MW-34

Laboratory: Midland

Analysis: BTEX

QC Batch: 99298

Prep Batch: 84114

Analytical Method: S 8021B

Date Analyzed: 2013-02-27

Sample Preparation: 2013-02-26

Prep Method: S 5030B

Analyzed By: AH

Prepared By: AH

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	Qsr	Qsr	0.110	mg/L	1	0.100	110	75.7 - 109
4-Bromofluorobenzene (4-BFB)			0.0997	mg/L	1	0.100	100	68.1 - 109

Sample: 322085 - MW-36

Laboratory: Midland

Analysis: BTEX

QC Batch: 99298

Prep Batch: 84114

Analytical Method: S 8021B

Date Analyzed: 2013-02-27

Sample Preparation: 2013-02-26

Prep Method: S 5030B

Analyzed By: AH

Prepared By: AH

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.109	mg/L	1	0.100	109	75.7 - 109
4-Bromofluorobenzene (4-BFB)			0.104	mg/L	1	0.100	104	68.1 - 109

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Sample: 322086 - MW-37

Laboratory: Midland

Analysis: BTEX

QC Batch: 99298

Prep Batch: 84114

Analytical Method: S 8021B

Date Analyzed: 2013-02-27

Sample Preparation: 2013-02-26

Prep Method: S 5030B

Analyzed By: AH

Prepared By: AH

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	Qsr	Qsr	0.110	mg/L	1	0.100	110	75.7 - 109
4-Bromofluorobenzene (4-BFB)			0.0966	mg/L	1	0.100	97	68.1 - 109

Sample: 322087 - MW-38

Laboratory: Midland

Analysis: BTEX

QC Batch: 99298

Prep Batch: 84114

Analytical Method: S 8021B

Date Analyzed: 2013-02-27

Sample Preparation: 2013-02-26

Prep Method: S 5030B

Analyzed By: AH

Prepared By: AH

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	Qsr	Qsr	0.110	mg/L	1	0.100	110	75.7 - 109
4-Bromofluorobenzene (4-BFB)			0.0990	mg/L	1	0.100	99	68.1 - 109

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NM-2016

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Sample: 322088 - MW-40

Laboratory: Midland

Analysis: BTEX

QC Batch: 99298

Prep Batch: 84114

Analytical Method: S 8021B

Date Analyzed: 2013-02-27

Sample Preparation: 2013-02-26

Prep Method: S 5030B

Analyzed By: AH

Prepared By: AH

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.108	mg/L	1	0.100	108	75.7 - 109
4-Bromofluorobenzene (4-BFB)			0.0976	mg/L	1	0.100	98	68.1 - 109

Sample: 322089 - MW-35

Laboratory: Midland

Analysis: BTEX

QC Batch: 99374

Prep Batch: 84178

Analytical Method: S 8021B

Date Analyzed: 2013-03-01

Sample Preparation:

Prep Method: S 5030B

Analyzed By: AH

Prepared By: AH

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qs	1	0.00920	mg/L	1	0.00100
Toluene	Qs, U	1	<0.00100	mg/L	1	0.00100
Ethylbenzene	Qs	1	0.00920	mg/L	1	0.00100
Xylene	Qs	1	0.0282	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.107	mg/L	1	0.100	107	75.7 - 109
4-Bromofluorobenzene (4-BFB)			0.108	mg/L	1	0.100	108	68.1 - 109

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Sample: 322090 - MW-29

Laboratory: Midland

Analysis: BTEX

QC Batch: 99374

Prep Batch: 84178

Analytical Method: S 8021B

Date Analyzed: 2013-03-01

Sample Preparation:

Prep Method: S 5030B

Analyzed By: AH

Prepared By: AH

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qs	1	0.486	mg/L	10	0.00100
Toluene	Qs,U	1	<0.0100	mg/L	10	0.00100
Ethylbenzene	Qs,U	1	<0.0100	mg/L	10	0.00100
Xylene	Qs,U	1	<0.0100	mg/L	10	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			1.09	mg/L	10	1.00	109	75.7 - 109
4-Bromofluorobenzene (4-BFB)			1.00	mg/L	10	1.00	100	68.1 - 109

Sample: 322091 - MW-32

Laboratory: Midland

Analysis: BTEX

QC Batch: 99374

Prep Batch: 84178

Analytical Method: S 8021B

Date Analyzed: 2013-03-01

Sample Preparation:

Prep Method: S 5030B

Analyzed By: AH

Prepared By: AH

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qs	1	0.954	mg/L	20	0.00100
Toluene	Qs,U	1	<0.0200	mg/L	20	0.00100
Ethylbenzene	Qs,U	1	<0.0200	mg/L	20	0.00100
Xylene	Qs,U	1	<0.0200	mg/L	20	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			2.14	mg/L	20	2.00	107	75.7 - 109
4-Bromofluorobenzene (4-BFB)			1.96	mg/L	20	2.00	98	68.1 - 109

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Sample: 322092 - MW-28

Laboratory: Midland
Analysis: BTEX
QC Batch: 99374
Prep Batch: 84178

Analytical Method: S 8021B
Date Analyzed: 2013-03-01
Sample Preparation:

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

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qs	1	0.450	mg/L	20	0.00100
Toluene	Qs,U	1	<0.0200	mg/L	20	0.00100
Ethylbenzene	Qs	1	0.122	mg/L	20	0.00100
Xylene	Qs,U	1	<0.0200	mg/L	20	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			2.13	mg/L	20	2.00	106	75.7 - 109
4-Bromofluorobenzene (4-BFB)			1.95	mg/L	20	2.00	98	68.1 - 109

Method Blanks

Method Blank (1) QC Batch: 99298

QC Batch: 99298
Prep Batch: 84114

Date Analyzed: 2013-02-27
QC Preparation: 2013-02-27

Analyzed By: AH
Prepared By: AH

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	Q _{sr}	Q _{sr}	0.112	mg/L	1	0.100	112	75.7 - 109
4-Bromofluorobenzene (4-BFB)			0.100	mg/L	1	0.100	100	68.1 - 109

Method Blank (1) QC Batch: 99374

QC Batch: 99374
Prep Batch: 84178

Date Analyzed: 2013-03-01
QC Preparation: 2013-03-01

Analyzed By: AH
Prepared By: AH

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	Q _{sr}	Q _{sr}	0.111	mg/L	1	0.100	111	75.7 - 109
4-Bromofluorobenzene (4-BFB)			0.0992	mg/L	1	0.100	99	68.1 - 109

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 99374
Prep Batch: 84178

Date Analyzed: 2013-03-01
QC Preparation: 2013-03-01

Analyzed By: AH
Prepared By: AH

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.0990	mg/L	1	0.100	<0.000200	99	80 - 120
Toluene		1	0.101	mg/L	1	0.100	<0.000300	101	80 - 120
Ethylbenzene		1	0.105	mg/L	1	0.100	<0.000400	105	70.6 - 120
Xylene		1	0.326	mg/L	1	0.300	<0.00120	109	79.2 - 120

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

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.0984	mg/L	1	0.100	<0.000200	98	80 - 120	1	20
Toluene		1	0.100	mg/L	1	0.100	<0.000300	100	80 - 120	1	20
Ethylbenzene		1	0.105	mg/L	1	0.100	<0.000400	105	70.6 - 120	0	20
Xylene		1	0.326	mg/L	1	0.300	<0.00120	109	79.2 - 120	0	20

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

Surrogate			LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	Q _{sr}	Q _{sr}	0.112	0.112	mg/L	1	0.100	112	112	75.7 - 109
4-Bromofluorobenzene (4-BFB)			0.102	0.102	mg/L	1	0.100	102	102	68.1 - 109

Matrix Spike (MS-1) Spiked Sample: 322213

QC Batch: 99374
Prep Batch: 84178

Date Analyzed: 2013-03-01
QC Preparation: 2013-03-01

Analyzed By: AH
Prepared By: AH

Param				MS				Spike	Matrix	Rec.
	F	C		Result	Units	Dil.	Amount	Result	Rec.	Limit
Benzene	Q _s	Q _s	1	0.0214	mg/L	1	0.100	<0.000200	21	25.7 - 139
Toluene	Q _s	Q _s	1	0.0217	mg/L	1	0.100	<0.000300	22	32.7 - 134
Ethylbenzene	Q _s	Q _s	1	0.0275	mg/L	1	0.100	<0.000400	28	45.9 - 120
Xylene	Q _s	Q _s	1	0.0868	mg/L	1	0.300	<0.00120	29	34.9 - 128

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			Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit	
			Result	Units	Dil.							
Benzene	Q _s	Q _s	1	0.0252	mg/L	1	0.100	<0.000200	25	25.7 - 139	16	20
Toluene	Q _s	Q _s	1	0.0257	mg/L	1	0.100	<0.000300	26	32.7 - 134	17	20
Ethylbenzene	Q _s	Q _s	1	0.0304	mg/L	1	0.100	<0.000400	30	45.9 - 120	10	20
Xylene	Q _s	Q _s	1	0.0951	mg/L	1	0.300	<0.00120	32	34.9 - 128	9	20

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

Surrogate			MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	Q _{sr}	Q _{sr}	0.111	0.111	mg/L	1	0.1	111	111	75.7 - 109
4-Bromofluorobenzene (4-BFB)			0.0994	0.0988	mg/L	1	0.1	99	99	68.1 - 109

Calibration Standards

Standard (CCV-1)

QC Batch: 99298

Date Analyzed: 2013-02-27

Analyzed By: AH

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0928	93	80 - 120	2013-02-27
Toluene		1	mg/L	0.100	0.0937	94	80 - 120	2013-02-27
Ethylbenzene		1	mg/L	0.100	0.0969	97	80 - 120	2013-02-27
Xylene		1	mg/L	0.300	0.300	100	80 - 120	2013-02-27

Standard (CCV-2)

QC Batch: 99298

Date Analyzed: 2013-02-27

Analyzed By: AH

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0946	95	80 - 120	2013-02-27
Toluene		1	mg/L	0.100	0.0955	96	80 - 120	2013-02-27
Ethylbenzene		1	mg/L	0.100	0.0988	99	80 - 120	2013-02-27
Xylene		1	mg/L	0.300	0.306	102	80 - 120	2013-02-27

Standard (CCV-3)

QC Batch: 99298

Date Analyzed: 2013-02-27

Analyzed By: AH

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0916	92	80 - 120	2013-02-27
Toluene		1	mg/L	0.100	0.0930	93	80 - 120	2013-02-27
Ethylbenzene		1	mg/L	0.100	0.0981	98	80 - 120	2013-02-27
Xylene		1	mg/L	0.300	0.304	101	80 - 120	2013-02-27

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Standard (CCV-1)

QC Batch: 99374

Date Analyzed: 2013-03-01

Analyzed By: AH

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0861	86	80 - 120	2013-03-01
Toluene		1	mg/L	0.100	0.0879	88	80 - 120	2013-03-01
Ethylbenzene		1	mg/L	0.100	0.0925	92	80 - 120	2013-03-01
Xylene		1	mg/L	0.300	0.286	95	80 - 120	2013-03-01

Standard (CCV-2)

QC Batch: 99374

Date Analyzed: 2013-03-01

Analyzed By: AH

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.101	101	80 - 120	2013-03-01
Toluene		1	mg/L	0.100	0.102	102	80 - 120	2013-03-01
Ethylbenzene		1	mg/L	0.100	0.106	106	80 - 120	2013-03-01
Xylene		1	mg/L	0.300	0.329	110	80 - 120	2013-03-01

Standard (CCV-3)

QC Batch: 99374

Date Analyzed: 2013-03-01

Analyzed By: AH

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0814	81	80 - 120	2013-03-01
Toluene		1	mg/L	0.100	0.0829	83	80 - 120	2013-03-01
Ethylbenzene		1	mg/L	0.100	0.0863	86	80 - 120	2013-03-01
Xylene		1	mg/L	0.300	0.270	90	80 - 120	2013-03-01

Appendix

Report Definitions

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

Laboratory Certifications

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

Standard Flags

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

Attachments

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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: Nova		Phone #: 432-520-7720	
Address: 2057 Commerce Drive		Fax #:	
Contact Person: Camille Bryant		E-mail:	
Invoice to: (If different from above)			
Project #: TNM-SPB-11		Project Name: SPB-11	
Project Location (including state): New Mexico		Sampler Signature: <i>[Signature]</i>	

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX				PRESERVATIVE METHOD					SAMPLING		
				WATER	SOIL	AIR	SLUDGE	HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE	NONE	DATE	TIME
328072	MW-6	3	VDA X					X						22 Feb	1120
073	MW-10														1302
074	MW-15														1139
075	MW-24														1009
076	MW-39														1316
077	MW-12														1222
078	MW-16														1025
079	MW-17														1334
080	MW-9														1034
081	MW-26														1353
082	MW-14														1215

Relinquished by: <i>[Signature]</i>	Company: Nova	Date: 25 Feb 13	Time: 12:45	Received by: <i>[Signature]</i>	Company: TA	Date: 2/25/13	Time: 4:45	INS: OBS
Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INS: OBS
Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INS: OBS

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Carrier# 6072

TraceAnalysis, Inc.

email: lab@traceanalysis.com

6701 Aberdeen Avenue, Suite 9
Lubbock, Texas 79424
Tel (806) 794-1296
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200 East Sunset Rd., Suite E
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1 (888) 588-3443

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

Company Name:	Novo	Phone #:	432-520-7720
Address:	(Street, City, Zip) 2057 Commerce Drive	Fax #:	
Contact Person:	Camille Bryant	E-mail:	
Invoice to:			
(If different from above)			
Project #:	TNM-SPS-11	Project Name:	SPS-11
Project Location (including state):	New Mexico	Sampler Signature:	<i>[Signature]</i>

[illegible]

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST:
<i>[Signature]</i>	<i>Novo</i>	<i>25 Feb 13</i>	<i>1245</i>	<i>[Signature]</i>	<i>TA</i>	<i>26 Feb 13</i>	<i>1245</i>	OBS COR
Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST: OBS COR
Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST: OBS COR

[illegible]

11/10/06 11/10/06 LAB USE ONLY Impact <u>Y/N</u> Headspace <u>Y/N</u> <u>NA</u> REMARKS: <i>MLC</i>	☐ Dry Weight Basis Required ☐ TRRP Report Required ☐ Check if Special Reporting Limits Are Needed
---	--

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Summary Report

(Corrected Report)

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

Report Date: May 29, 2013

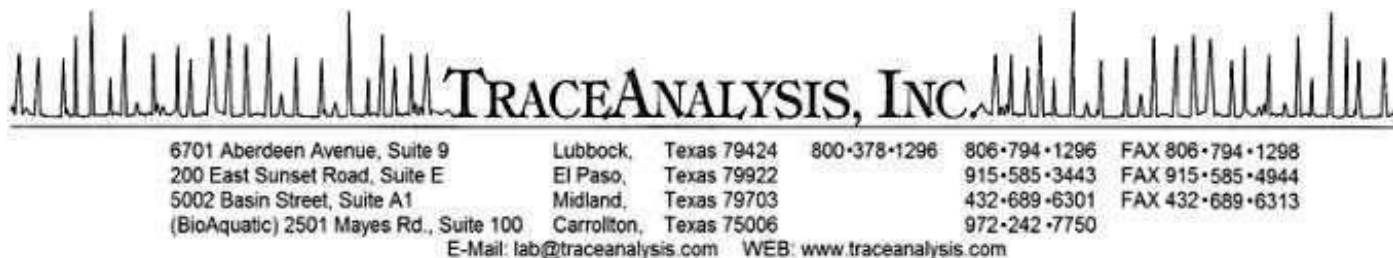
Work Order: 13051710



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

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
329483	MW-6	water	2013-05-15	15:57	2013-05-17
329484	MW-10	water	2013-05-15	16:31	2013-05-17
329485	MW-15	water	2013-05-15	14:58	2013-05-17
329486	MW-24	water	2013-05-15	14:15	2013-05-17
329487	MW-39	water	2013-05-15	16:45	2013-05-17
329488	MW-12	water	2013-05-15	15:38	2013-05-17
329489	MW-16	water	2013-05-15	14:26	2013-05-17
329490	MW-9	water	2013-05-15	15:20	2013-05-17
329491	MW-14	water	2013-05-15	14:44	2013-05-17
329492	MW-18	water	2013-05-15	16:54	2013-05-17
329493	MW-28	water	2013-05-16	13:25	2013-05-17
329494	MW-33	water	2013-05-16	14:45	2013-05-17
329495	MW-34	water	2013-05-16	16:34	2013-05-17
329496	MW-36	water	2013-05-16	15:36	2013-05-17
329497	MW-37	water	2013-05-16	15:55	2013-05-17
329498	MW-38	water	2013-05-16	16:20	2013-05-17
329499	MW-40	water	2013-05-16	15:18	2013-05-17
329500	MW-17	water	2013-05-16	13:02	2013-05-17
329501	MW-35	water	2013-05-16	15:36	2013-05-17
329502	MW-26	water	2013-05-16	13:19	2013-05-17
329503	MW-29	water	2013-05-16	13:45	2013-05-17
329504	MW-32	water	2013-05-16	14:20	2013-05-17

Sample - Field Code	BTEX			
	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)
329483 - MW-6	<0.00100 Qr,Qs	<0.00100 Qr,Qs	<0.00100 Qr,Qs	<0.00100 Qr,Qs
329484 - MW-10	0.00200	<0.00100	<0.00100	<0.00100
329485 - MW-15	<0.00100 Qr,Qs	<0.00100 Qr,Qs	<0.00100 Qr,Qs	<0.00100 Qr,Qs
329486 - MW-24	0.00220 Qr,Qs	0.00460 Qr,Qs	0.00870 Qr,Qs	0.0157 Qr,Qs
329487 - MW-39	<0.00100 Qr,Qs	<0.00100 Qr,Qs	<0.00100 Qr,Qs	<0.00100 Qr,Qs
329488 - MW-12	0.00320 Qr,Qs	<0.00100 Qr,Qs	<0.00100 Qr,Qs	0.00140 Qr,Qs
329489 - MW-16	0.0156 Qr,Qs	0.0256 Qr,Qs	0.00560 Qr,Qs	0.00950 Qr,Qs
329490 - MW-9	0.0256 Qr,Qs	<0.00100 Qr,Qs	<0.00100 Qr,Qs	<0.00100 Qr,Qs
329491 - MW-14	2.41	<0.0100	0.154	<0.0100
329492 - MW-18	<0.00100	<0.00100	<0.00100	<0.00100
329493 - MW-28	0.241 Qr,Qs	<0.00100 Qr,Qs	0.0703 Qr,Qs	0.00730 Qr,Qs
329494 - MW-33	<0.00100 Qr,Qs	<0.00100 Qr,Qs	<0.00100 Qr,Qs	<0.00100 Qr,Qs
329495 - MW-34	<0.00100 Qr,Qs	<0.00100 Qr,Qs	<0.00100 Qr,Qs	<0.00100 Qr,Qs
329496 - MW-36	<0.00100 Qr,Qs	<0.00100 Qr,Qs	<0.00100 Qr,Qs	<0.00100 Qr,Qs
329497 - MW-37	<0.00100 Qr,Qs	<0.00100 Qr,Qs	<0.00100 Qr,Qs	<0.00100 Qr,Qs
329498 - MW-38	<0.00100 Qr,Qs	<0.00100 Qr,Qs	<0.00100 Qr,Qs	<0.00100 Qr,Qs
329499 - MW-40	<0.00100 Qr,Qs	<0.00100 Qr,Qs	<0.00100 Qr,Qs	<0.00100 Qr,Qs
329500 - MW-17	0.00470 Qr,Qs	0.00230 Qr,Qs	<0.00100 Qr,Qs	0.00350 Qr,Qs
329501 - MW-35	0.00870 Qr,Qs	<0.00100 Qr,Qs	0.00670 Qr,Qs	0.0259 Qr,Qs
329502 - MW-26	0.468	0.285	0.173	0.112
329503 - MW-29	0.524 Qs	<0.00500	0.0182	0.00640
329504 - MW-32	0.954 Qs	0.0398	0.0945	0.0627



Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

(Corrected Report)

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

Report Date: May 29, 2013

Work Order: 13051710



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

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

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
329483	MW-6	water	2013-05-15	15:57	2013-05-17
329484	MW-10	water	2013-05-15	16:31	2013-05-17
329485	MW-15	water	2013-05-15	14:58	2013-05-17
329486	MW-24	water	2013-05-15	14:15	2013-05-17
329487	MW-39	water	2013-05-15	16:45	2013-05-17
329488	MW-12	water	2013-05-15	15:38	2013-05-17
329489	MW-16	water	2013-05-15	14:26	2013-05-17
329490	MW-9	water	2013-05-15	15:20	2013-05-17
329491	MW-14	water	2013-05-15	14:44	2013-05-17
329492	MW-18	water	2013-05-15	16:54	2013-05-17
329493	MW-28	water	2013-05-16	13:25	2013-05-17
329494	MW-33	water	2013-05-16	14:45	2013-05-17
329495	MW-34	water	2013-05-16	16:34	2013-05-17
329496	MW-36	water	2013-05-16	15:36	2013-05-17
329497	MW-37	water	2013-05-16	15:55	2013-05-17

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
329498	MW-38	water	2013-05-16	16:20	2013-05-17
329499	MW-40	water	2013-05-16	15:18	2013-05-17
329500	MW-17	water	2013-05-16	13:02	2013-05-17
329501	MW-35	water	2013-05-16	15:36	2013-05-17
329502	MW-26	water	2013-05-16	13:19	2013-05-17
329503	MW-29	water	2013-05-16	13:45	2013-05-17
329504	MW-32	water	2013-05-16	14:20	2013-05-17

Report Corrections (Work Order 13051710)

- 5/29/13: Corrected sample dates for samples #329493-329504.

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

This report consists of a total of 33 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.



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

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Case Narrative

Samples for project TNM SPS-11 were received by TraceAnalysis, Inc. on 2013-05-17 and assigned to work order 13051710. Samples for work order 13051710 were received damaged without headspace and at a temperature of 1.6 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	86097	2013-05-21 at 13:38	101612	2013-05-21 at 13:38
BTEX	S 8021B	86098	2013-05-21 at 13:38	101613	2013-05-21 at 13:38
BTEX	S 8021B	86168	2013-05-23 at 14:40	101696	2013-05-23 at 14:40
BTEX	S 8021B	86169	2013-05-23 at 14:40	101697	2013-05-23 at 14:40
BTEX	S 8021B	86205	2013-05-24 at 15:22	101744	2013-05-24 at 15:22

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 13051710 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: 329483 - MW-6

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 101612
Prep Batch: 86097

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

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

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.105	mg/L	1	0.100	105	80 - 120
4-Bromofluorobenzene (4-BFB)			0.114	mg/L	1	0.100	114	80 - 120

Sample: 329484 - MW-10

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 101613
Prep Batch: 86098

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

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

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.00200	mg/L	1	0.00100
Toluene	U	1	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	1	<0.00100	mg/L	1	0.00100
Xylene	U	1	<0.00100	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.112	mg/L	1	0.100	112	80 - 120
4-Bromofluorobenzene (4-BFB)			0.113	mg/L	1	0.100	113	80 - 120

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Sample: 329485 - MW-15

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 101612

Prep Batch: 86097

Analytical Method: S 8021B

Date Analyzed: 2013-05-21

Sample Preparation: 2013-05-21

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.104	mg/L	1	0.100	104	80 - 120
4-Bromofluorobenzene (4-BFB)			0.113	mg/L	1	0.100	113	80 - 120

Sample: 329486 - MW-24

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 101612

Prep Batch: 86097

Analytical Method: S 8021B

Date Analyzed: 2013-05-21

Sample Preparation: 2013-05-21

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qr, Qs	1	0.00220	mg/L	1	0.00100
Toluene	Qr, Qs	1	0.00460	mg/L	1	0.00100
Ethylbenzene	Qr, Qs	1	0.00870	mg/L	1	0.00100
Xylene	Qr, Qs	1	0.0157	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.111	mg/L	1	0.100	111	80 - 120
4-Bromofluorobenzene (4-BFB)			0.117	mg/L	1	0.100	117	80 - 120

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Sample: 329487 - MW-39

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 101612

Prep Batch: 86097

Analytical Method: S 8021B

Date Analyzed: 2013-05-21

Sample Preparation: 2013-05-21

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.106	mg/L	1	0.100	106	80 - 120
4-Bromofluorobenzene (4-BFB)			0.115	mg/L	1	0.100	115	80 - 120

Sample: 329488 - MW-12

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 101612

Prep Batch: 86097

Analytical Method: S 8021B

Date Analyzed: 2013-05-21

Sample Preparation: 2013-05-21

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qr, Qs	1	0.00320	mg/L	1	0.00100
Toluene	Qr, Qs, U	1	<0.00100	mg/L	1	0.00100
Ethylbenzene	Qr, Qs, U	1	<0.00100	mg/L	1	0.00100
Xylene	Qr, Qs	1	0.00140	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.114	mg/L	1	0.100	114	80 - 120
4-Bromofluorobenzene (4-BFB)			0.114	mg/L	1	0.100	114	80 - 120

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Sample: 329489 - MW-16

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 101612

Prep Batch: 86097

Analytical Method: S 8021B

Date Analyzed: 2013-05-21

Sample Preparation: 2013-05-21

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qr, Qs	1	0.0156	mg/L	1	0.00100
Toluene	Qr, Qs	1	0.0256	mg/L	1	0.00100
Ethylbenzene	Qr, Qs	1	0.00560	mg/L	1	0.00100
Xylene	Qr, Qs	1	0.00950	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.114	mg/L	1	0.100	114	80 - 120
4-Bromofluorobenzene (4-BFB)			0.114	mg/L	1	0.100	114	80 - 120

Sample: 329490 - MW-9

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 101612

Prep Batch: 86097

Analytical Method: S 8021B

Date Analyzed: 2013-05-21

Sample Preparation: 2013-05-21

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qr, Qs	1	0.0256	mg/L	1	0.00100
Toluene	Qr, Qs, U	1	<0.00100	mg/L	1	0.00100
Ethylbenzene	Qr, Qs, U	1	<0.00100	mg/L	1	0.00100
Xylene	Qr, Qs, U	1	<0.00100	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.116	mg/L	1	0.100	116	80 - 120
4-Bromofluorobenzene (4-BFB)			0.119	mg/L	1	0.100	119	80 - 120

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Sample: 329491 - MW-14

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 101696

Prep Batch: 86168

Analytical Method: S 8021B

Date Analyzed: 2013-05-23

Sample Preparation: 2013-05-23

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	2.41	mg/L	10	0.00100
Toluene	U	1	<0.0100	mg/L	10	0.00100
Ethylbenzene		1	0.154	mg/L	10	0.00100
Xylene	U	1	<0.0100	mg/L	10	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			1.06	mg/L	10	1.00	106	80 - 120
4-Bromofluorobenzene (4-BFB)			1.17	mg/L	10	1.00	117	80 - 120

Sample: 329492 - MW-18

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 101696

Prep Batch: 86168

Analytical Method: S 8021B

Date Analyzed: 2013-05-23

Sample Preparation: 2013-05-23

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.107	mg/L	1	0.100	107	80 - 120
4-Bromofluorobenzene (4-BFB)			0.116	mg/L	1	0.100	116	80 - 120

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Sample: 329493 - MW-28

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 101612

Prep Batch: 86097

Analytical Method: S 8021B

Date Analyzed: 2013-05-21

Sample Preparation: 2013-05-21

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qr,Qs	1	0.241	mg/L	1	0.00100
Toluene	Qr,Qs,U	1	<0.00100	mg/L	1	0.00100
Ethylbenzene	Qr,Qs	1	0.0703	mg/L	1	0.00100
Xylene	Qr,Qs	1	0.00730	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.102	mg/L	1	0.100	102	80 - 120
4-Bromofluorobenzene (4-BFB)	Qsr	Qsr	0.128	mg/L	1	0.100	128	80 - 120

Sample: 329494 - MW-33

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 101612

Prep Batch: 86097

Analytical Method: S 8021B

Date Analyzed: 2013-05-21

Sample Preparation: 2013-05-21

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.104	mg/L	1	0.100	104	80 - 120
4-Bromofluorobenzene (4-BFB)			0.113	mg/L	1	0.100	113	80 - 120

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Sample: 329495 - MW-34

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 101612

Prep Batch: 86097

Analytical Method: S 8021B

Date Analyzed: 2013-05-21

Sample Preparation: 2013-05-21

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.106	mg/L	1	0.100	106	80 - 120
4-Bromofluorobenzene (4-BFB)			0.115	mg/L	1	0.100	115	80 - 120

Sample: 329496 - MW-36

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 101612

Prep Batch: 86097

Analytical Method: S 8021B

Date Analyzed: 2013-05-21

Sample Preparation: 2013-05-21

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.108	mg/L	1	0.100	108	80 - 120
4-Bromofluorobenzene (4-BFB)			0.119	mg/L	1	0.100	119	80 - 120

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Sample: 329497 - MW-37

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 101612

Prep Batch: 86097

Analytical Method: S 8021B

Date Analyzed: 2013-05-21

Sample Preparation: 2013-05-21

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.104	mg/L	1	0.100	104	80 - 120
4-Bromofluorobenzene (4-BFB)			0.116	mg/L	1	0.100	116	80 - 120

Sample: 329498 - MW-38

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 101612

Prep Batch: 86097

Analytical Method: S 8021B

Date Analyzed: 2013-05-21

Sample Preparation: 2013-05-21

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.107	mg/L	1	0.100	107	80 - 120
4-Bromofluorobenzene (4-BFB)			0.116	mg/L	1	0.100	116	80 - 120

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Sample: 329499 - MW-40

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 101612

Prep Batch: 86097

Analytical Method: S 8021B

Date Analyzed: 2013-05-21

Sample Preparation: 2013-05-21

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.106	mg/L	1	0.100	106	80 - 120
4-Bromofluorobenzene (4-BFB)			0.115	mg/L	1	0.100	115	80 - 120

Sample: 329500 - MW-17

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 101612

Prep Batch: 86097

Analytical Method: S 8021B

Date Analyzed: 2013-05-21

Sample Preparation: 2013-05-21

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qr, Qs	1	0.00470	mg/L	1	0.00100
Toluene	Qr, Qs	1	0.00230	mg/L	1	0.00100
Ethylbenzene	Qr, Qs, U	1	<0.00100	mg/L	1	0.00100
Xylene	Qr, Qs	1	0.00350	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.108	mg/L	1	0.100	108	80 - 120
4-Bromofluorobenzene (4-BFB)	Qsr	Qsr	0.120	mg/L	1	0.100	120	80 - 120

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Sample: 329501 - MW-35

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 101612

Prep Batch: 86097

Analytical Method: S 8021B

Date Analyzed: 2013-05-21

Sample Preparation: 2013-05-21

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qr,Qs	1	0.00870	mg/L	1	0.00100
Toluene	Qr,Qs,U	1	<0.00100	mg/L	1	0.00100
Ethylbenzene	Qr,Qs	1	0.00670	mg/L	1	0.00100
Xylene	Qr,Qs	1	0.0259	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.115	mg/L	1	0.100	115	80 - 120
4-Bromofluorobenzene (4-BFB)	Qsr	Qsr	0.126	mg/L	1	0.100	126	80 - 120

Sample: 329502 - MW-26

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 101697

Prep Batch: 86169

Analytical Method: S 8021B

Date Analyzed: 2013-05-23

Sample Preparation: 2013-05-23

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.468	mg/L	5	0.00100
Toluene		1	0.285	mg/L	5	0.00100
Ethylbenzene		1	0.173	mg/L	5	0.00100
Xylene		1	0.112	mg/L	5	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.564	mg/L	5	0.500	113	80 - 120
4-Bromofluorobenzene (4-BFB)			0.550	mg/L	5	0.500	110	80 - 120

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Sample: 329503 - MW-29

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 101744

Prep Batch: 86205

Analytical Method: S 8021B

Date Analyzed: 2013-05-24

Sample Preparation: 2013-05-24

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qs	1	0.524	mg/L	5	0.00100
Toluene	U	1	<0.00500	mg/L	5	0.00100
Ethylbenzene		1	0.0182	mg/L	5	0.00100
Xylene		1	0.00640	mg/L	5	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.510	mg/L	5	0.500	102	80 - 120
4-Bromofluorobenzene (4-BFB)			0.596	mg/L	5	0.500	119	80 - 120

Sample: 329504 - MW-32

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 101744

Prep Batch: 86205

Analytical Method: S 8021B

Date Analyzed: 2013-05-24

Sample Preparation: 2013-05-24

Prep Method: S 5030B

Analyzed By: JS

Prepared By: JS

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qs	1	0.954	mg/L	10	0.00100
Toluene		1	0.0398	mg/L	10	0.00100
Ethylbenzene		1	0.0945	mg/L	10	0.00100
Xylene		1	0.0627	mg/L	10	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			1.01	mg/L	10	1.00	101	80 - 120
4-Bromofluorobenzene (4-BFB)			1.10	mg/L	10	1.00	110	80 - 120

Method Blanks

Method Blank (1) QC Batch: 101612

QC Batch: 101612 Date Analyzed: 2013-05-21 Analyzed By: MT
Prep Batch: 86097 QC Preparation: 2013-05-21 Prepared By: MT

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.103	mg/L	1	0.100	103	80 - 120
4-Bromofluorobenzene (4-BFB)			0.112	mg/L	1	0.100	112	80 - 120

Method Blank (1) QC Batch: 101613

QC Batch: 101613 Date Analyzed: 2013-05-21 Analyzed By: MT
Prep Batch: 86098 QC Preparation: 2013-05-21 Prepared By: MT

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.104	mg/L	1	0.100	104	80 - 120
4-Bromofluorobenzene (4-BFB)			0.111	mg/L	1	0.100	111	80 - 120

Method Blank (1) QC Batch: 101696

QC Batch: 101696 Date Analyzed: 2013-05-23 Analyzed By: JS
Prep Batch: 86168 QC Preparation: 2013-05-23 Prepared By: JS

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.104	mg/L	1	0.100	104	80 - 120
4-Bromofluorobenzene (4-BFB)			0.114	mg/L	1	0.100	114	80 - 120

Method Blank (1) QC Batch: 101697

QC Batch: 101697
Prep Batch: 86169

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

Analyzed By: JS
Prepared By: JS

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.102	mg/L	1	0.100	102	80 - 120
4-Bromofluorobenzene (4-BFB)			0.110	mg/L	1	0.100	110	80 - 120

Method Blank (1) QC Batch: 101744

QC Batch: 101744
Prep Batch: 86205

Date Analyzed: 2013-05-24
QC Preparation: 2013-05-24

Analyzed By: JS
Prepared By: JS

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

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Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.105	mg/L	1	0.100	105	80 - 120
4-Bromofluorobenzene (4-BFB)			0.111	mg/L	1	0.100	111	80 - 120

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Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 101612
Prep Batch: 86097

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

Analyzed By: MT
Prepared By: MT

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.109	mg/L	1	0.100	<0.000567	109	80 - 120
Toluene		1	0.112	mg/L	1	0.100	<0.000518	112	80 - 120
Ethylbenzene		1	0.111	mg/L	1	0.100	<0.000518	111	80 - 120
Xylene		1	0.328	mg/L	1	0.300	<0.000548	109	80 - 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	0.104	mg/L	1	0.100	<0.000567	104	80 - 120	4	20
Toluene		1	0.107	mg/L	1	0.100	<0.000518	107	80 - 120	5	20
Ethylbenzene		1	0.108	mg/L	1	0.100	<0.000518	108	80 - 120	3	20
Xylene		1	0.319	mg/L	1	0.300	<0.000548	106	80 - 120	3	20

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

Surrogate	LCS Result	LCS Result	Units	Dil.	Spike Amount	LCS Rec.	LCS Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.107	0.112	mg/L	1	0.100	107	112	80 - 120
4-Bromofluorobenzene (4-BFB)	0.110	0.115	mg/L	1	0.100	110	115	80 - 120

Laboratory Control Spike (LCS-1)

QC Batch: 101613
Prep Batch: 86098

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

Analyzed By: MT
Prepared By: MT

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.105	mg/L	1	0.100	<0.000567	105	80 - 120
Toluene		1	0.104	mg/L	1	0.100	<0.000518	104	80 - 120
Ethylbenzene		1	0.104	mg/L	1	0.100	<0.000518	104	80 - 120
Xylene		1	0.309	mg/L	1	0.300	<0.000548	103	80 - 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		Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
			Result	Units							
Benzene		1	0.108	mg/L	1	0.100	<0.000567	108	80 - 120	3	20
Toluene		1	0.109	mg/L	1	0.100	<0.000518	109	80 - 120	4	20
Ethylbenzene		1	0.111	mg/L	1	0.100	<0.000518	111	80 - 120	7	20
Xylene		1	0.326	mg/L	1	0.300	<0.000548	109	80 - 120	5	20

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

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0989	0.104	mg/L	1	0.100	99	104	80 - 120
4-Bromofluorobenzene (4-BFB)	0.102	0.108	mg/L	1	0.100	102	108	80 - 120

Laboratory Control Spike (LCS-1)

QC Batch: 101696
Prep Batch: 86168

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

Analyzed By: JS
Prepared By: JS

Param	F	C	LCS		Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
			Result	Units					
Benzene		1	0.108	mg/L	1	0.100	<0.000567	108	80 - 120
Toluene		1	0.111	mg/L	1	0.100	<0.000518	111	80 - 120
Ethylbenzene		1	0.114	mg/L	1	0.100	<0.000518	114	80 - 120
Xylene		1	0.332	mg/L	1	0.300	<0.000548	111	80 - 120

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

Param	F	C	LCSD		Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
			Result	Units							
Benzene		1	0.106	mg/L	1	0.100	<0.000567	106	80 - 120	2	20
Toluene		1	0.108	mg/L	1	0.100	<0.000518	108	80 - 120	3	20
Ethylbenzene		1	0.109	mg/L	1	0.100	<0.000518	109	80 - 120	4	20
Xylene		1	0.325	mg/L	1	0.300	<0.000548	108	80 - 120	2	20

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

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.103	0.102	mg/L	1	0.100	103	102	80 - 120
4-Bromofluorobenzene (4-BFB)	0.108	0.108	mg/L	1	0.100	108	108	80 - 120

Laboratory Control Spike (LCS-1)

QC Batch: 101697
Prep Batch: 86169

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

Analyzed By: JS
Prepared By: JS

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.106	mg/L	1	0.100	<0.000567	106	80 - 120
Toluene		1	0.109	mg/L	1	0.100	<0.000518	109	80 - 120
Ethylbenzene		1	0.108	mg/L	1	0.100	<0.000518	108	80 - 120
Xylene		1	0.324	mg/L	1	0.300	<0.000548	108	80 - 120

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

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.105	mg/L	1	0.100	<0.000567	105	80 - 120	1	20
Toluene		1	0.108	mg/L	1	0.100	<0.000518	108	80 - 120	1	20
Ethylbenzene		1	0.108	mg/L	1	0.100	<0.000518	108	80 - 120	0	20
Xylene		1	0.323	mg/L	1	0.300	<0.000548	108	80 - 120	0	20

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

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.101	0.101	mg/L	1	0.100	101	101	80 - 120
4-Bromofluorobenzene (4-BFB)	0.106	0.108	mg/L	1	0.100	106	108	80 - 120

Laboratory Control Spike (LCS-1)

QC Batch: 101744
Prep Batch: 86205

Date Analyzed: 2013-05-24
QC Preparation: 2013-05-24

Analyzed By: JS
Prepared By: JS

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.102	mg/L	1	0.100	<0.000567	102	80 - 120
Toluene		1	0.105	mg/L	1	0.100	<0.000518	105	80 - 120
Ethylbenzene		1	0.108	mg/L	1	0.100	<0.000518	108	80 - 120
Xylene		1	0.315	mg/L	1	0.300	<0.000548	105	80 - 120

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

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.103	mg/L	1	0.100	<0.000567	103	80 - 120	1	20
Toluene		1	0.105	mg/L	1	0.100	<0.000518	105	80 - 120	0	20

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Param	F	C	LCSD		Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
			Result	Units							
Ethylbenzene		1	0.106	mg/L	1	0.100	<0.000518	106	80 - 120	2	20
Xylene		1	0.315	mg/L	1	0.300	<0.000548	105	80 - 120	0	20

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

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0976	0.0993	mg/L	1	0.100	98	99	80 - 120
4-Bromofluorobenzene (4-BFB)	0.103	0.104	mg/L	1	0.100	103	104	80 - 120

Matrix Spike (MS-1) Spiked Sample: 329483

QC Batch: 101612
Prep Batch: 86097

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

Analyzed By: MT
Prepared By: MT

Param	F	C	MS		Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
			Result	Units						
Benzene	Q _s	Q _s	1	0.0623	mg/L	1	0.100	<0.000567	62	64.6 - 120
Toluene	Q _s	Q _s	1	0.0620	mg/L	1	0.100	<0.000518	62	62.9 - 123
Ethylbenzene	Q _s	Q _s	1	0.0635	mg/L	1	0.100	<0.000518	64	64.2 - 123
Xylene	Q _s	Q _s	1	0.187	mg/L	1	0.300	<0.000548	62	63.1 - 121

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

Param	F	C	MSD		Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
			Result	Units								
Benzene	Q _r	Q _r	1	0.0809	mg/L	1	0.100	<0.000567	81	64.6 - 120	26	20
Toluene	Q _r	Q _r	1	0.0797	mg/L	1	0.100	<0.000518	80	62.9 - 123	25	20
Ethylbenzene	Q _r	Q _r	1	0.0788	mg/L	1	0.100	<0.000518	79	64.2 - 123	22	20
Xylene	Q _r	Q _r	1	0.237	mg/L	1	0.300	<0.000548	79	63.1 - 121	24	20

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

Surrogate	MS	MSD	Units	Dil.	Spike Amount	MS	MSD	Rec.
	Result	Result				Rec.	Rec.	Limit
Trifluorotoluene (TFT)	0.104	0.102	mg/L	1	0.1	104	102	80 - 120
4-Bromofluorobenzene (4-BFB)	0.111	0.108	mg/L	1	0.1	111	108	80 - 120

Matrix Spike (MS-1) Spiked Sample: 329484

QC Batch: 101613
Prep Batch: 86098

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

Analyzed By: MT
Prepared By: MT

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Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.111	mg/L	1	0.100	0.002	109	64.6 - 120
Toluene		1	0.110	mg/L	1	0.100	<0.000518	110	62.9 - 123
Ethylbenzene		1	0.111	mg/L	1	0.100	<0.000518	111	64.2 - 123
Xylene		1	0.325	mg/L	1	0.300	<0.000548	108	63.1 - 121

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

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.106	mg/L	1	0.100	0.002	104	64.6 - 120	5	20
Toluene		1	0.105	mg/L	1	0.100	<0.000518	105	62.9 - 123	5	20
Ethylbenzene		1	0.104	mg/L	1	0.100	<0.000518	104	64.2 - 123	6	20
Xylene		1	0.313	mg/L	1	0.300	<0.000548	104	63.1 - 121	4	20

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

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.110	0.106	mg/L	1	0.1	110	106	80 - 120
4-Bromofluorobenzene (4-BFB)	0.108	0.107	mg/L	1	0.1	108	107	80 - 120

Matrix Spike (MS-1) Spiked Sample: 328137

QC Batch: 101696
Prep Batch: 86168

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

Analyzed By: JS
Prepared By: JS

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.109	mg/L	1	0.100	<0.000567	109	64.6 - 120
Toluene		1	0.112	mg/L	1	0.100	<0.000518	112	62.9 - 123
Ethylbenzene		1	0.109	mg/L	1	0.100	<0.000518	109	64.2 - 123
Xylene		1	0.324	mg/L	1	0.300	<0.000548	108	63.1 - 121

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

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.108	mg/L	1	0.100	<0.000567	108	64.6 - 120	1	20
Toluene		1	0.109	mg/L	1	0.100	<0.000518	109	62.9 - 123	3	20
Ethylbenzene		1	0.108	mg/L	1	0.100	<0.000518	108	64.2 - 123	1	20
Xylene		1	0.322	mg/L	1	0.300	<0.000548	107	63.1 - 121	1	20

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

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matrix spikes continued . . .

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.105	0.103	mg/L	1	0.1	105	103	80 - 120
4-Bromofluorobenzene (4-BFB)	0.111	0.108	mg/L	1	0.1	111	108	80 - 120

Matrix Spike (MS-1) Spiked Sample: 329502

QC Batch: 101697
Prep Batch: 86169

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

Analyzed By: JS
Prepared By: JS

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	1.02	mg/L	5	0.500	0.468	110	64.6 - 120
Toluene		1	0.850	mg/L	5	0.500	0.285	113	62.9 - 123
Ethylbenzene		1	0.711	mg/L	5	0.500	0.173	108	64.2 - 123
Xylene		1	1.70	mg/L	5	1.50	0.112	106	63.1 - 121

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	0.982	mg/L	5	0.500	0.468	103	64.6 - 120	4	20
Toluene		1	0.824	mg/L	5	0.500	0.285	108	62.9 - 123	3	20
Ethylbenzene		1	0.709	mg/L	5	0.500	0.173	107	64.2 - 123	0	20
Xylene		1	1.67	mg/L	5	1.50	0.112	104	63.1 - 121	2	20

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

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.557	0.564	mg/L	5	0.5	111	113	80 - 120
4-Bromofluorobenzene (4-BFB)	0.520	0.537	mg/L	5	0.5	104	107	80 - 120

Matrix Spike (MS-1) Spiked Sample: 329503

QC Batch: 101744
Prep Batch: 86205

Date Analyzed: 2013-05-24
QC Preparation: 2013-05-24

Analyzed By: JS
Prepared By: JS

Param	F	C	MS	Units	Dil.	Spike	Matrix	Rec.	Rec.	
			Result			Amount	Result		Limit	
Benzene	Q ^s	Q ^s	1	1.04	mg/L	5	0.500	0.524	103	64.6 - 120
Toluene			1	0.527	mg/L	5	0.500	<0.00259	105	62.9 - 123
Ethylbenzene			1	0.554	mg/L	5	0.500	0.0182	107	64.2 - 123
Xylene			1	1.57	mg/L	5	1.50	0.0064	104	63.1 - 121

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

Param	F	C	MSD			Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit	
			Result	Units	Dil.							
Benzene	Qs	Qs	1	0.980	mg/L	5	0.500	0.524	91	64.6 - 120	6	20
Toluene			1	0.504	mg/L	5	0.500	<0.00259	101	62.9 - 123	4	20
Ethylbenzene			1	0.528	mg/L	5	0.500	0.0182	102	64.2 - 123	5	20
Xylene			1	1.53	mg/L	5	1.50	0.0064	102	63.1 - 121	3	20

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

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.514	0.492	mg/L	5	0.5	103	98	80 - 120
4-Bromofluorobenzene (4-BFB)	0.564	0.555	mg/L	5	0.5	113	111	80 - 120

Calibration Standards

Standard (CCV-1)

QC Batch: 101612

Date Analyzed: 2013-05-21

Analyzed By: MT

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.112	112	80 - 120	2013-05-21
Toluene		1	mg/L	0.100	0.114	114	80 - 120	2013-05-21
Ethylbenzene		1	mg/L	0.100	0.112	112	80 - 120	2013-05-21
Xylene		1	mg/L	0.300	0.333	111	80 - 120	2013-05-21

Standard (CCV-2)

QC Batch: 101612

Date Analyzed: 2013-05-21

Analyzed By: MT

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.108	108	80 - 120	2013-05-21
Toluene		1	mg/L	0.100	0.110	110	80 - 120	2013-05-21
Ethylbenzene		1	mg/L	0.100	0.110	110	80 - 120	2013-05-21
Xylene		1	mg/L	0.300	0.327	109	80 - 120	2013-05-21

Standard (CCV-3)

QC Batch: 101612

Date Analyzed: 2013-05-21

Analyzed By: MT

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.106	106	80 - 120	2013-05-21
Toluene		1	mg/L	0.100	0.108	108	80 - 120	2013-05-21
Ethylbenzene		1	mg/L	0.100	0.108	108	80 - 120	2013-05-21
Xylene		1	mg/L	0.300	0.322	107	80 - 120	2013-05-21

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Standard (CCV-1)

QC Batch: 101613

Date Analyzed: 2013-05-21

Analyzed By: MT

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.106	106	80 - 120	2013-05-21
Toluene		1	mg/L	0.100	0.105	105	80 - 120	2013-05-21
Ethylbenzene		1	mg/L	0.100	0.105	105	80 - 120	2013-05-21
Xylene		1	mg/L	0.300	0.315	105	80 - 120	2013-05-21

Standard (CCV-2)

QC Batch: 101613

Date Analyzed: 2013-05-21

Analyzed By: MT

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0991	99	80 - 120	2013-05-21
Toluene		1	mg/L	0.100	0.105	105	80 - 120	2013-05-21
Ethylbenzene		1	mg/L	0.100	0.110	110	80 - 120	2013-05-21
Xylene		1	mg/L	0.300	0.324	108	80 - 120	2013-05-21

Standard (CCV-1)

QC Batch: 101696

Date Analyzed: 2013-05-23

Analyzed By: JS

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.111	111	80 - 120	2013-05-23
Toluene		1	mg/L	0.100	0.113	113	80 - 120	2013-05-23
Ethylbenzene		1	mg/L	0.100	0.113	113	80 - 120	2013-05-23
Xylene		1	mg/L	0.300	0.336	112	80 - 120	2013-05-23

Standard (CCV-2)

QC Batch: 101696

Date Analyzed: 2013-05-23

Analyzed By: JS

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Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.109	109	80 - 120	2013-05-23
Toluene		1	mg/L	0.100	0.110	110	80 - 120	2013-05-23
Ethylbenzene		1	mg/L	0.100	0.110	110	80 - 120	2013-05-23
Xylene		1	mg/L	0.300	0.328	109	80 - 120	2013-05-23

Standard (CCV-3)

QC Batch: 101696

Date Analyzed: 2013-05-23

Analyzed By: JS

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.109	109	80 - 120	2013-05-23
Toluene		1	mg/L	0.100	0.108	108	80 - 120	2013-05-23
Ethylbenzene		1	mg/L	0.100	0.108	108	80 - 120	2013-05-23
Xylene		1	mg/L	0.300	0.323	108	80 - 120	2013-05-23

Standard (CCV-1)

QC Batch: 101697

Date Analyzed: 2013-05-23

Analyzed By: JS

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.109	109	80 - 120	2013-05-23
Toluene		1	mg/L	0.100	0.110	110	80 - 120	2013-05-23
Ethylbenzene		1	mg/L	0.100	0.110	110	80 - 120	2013-05-23
Xylene		1	mg/L	0.300	0.328	109	80 - 120	2013-05-23

Standard (CCV-2)

QC Batch: 101697

Date Analyzed: 2013-05-23

Analyzed By: JS

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.106	106	80 - 120	2013-05-23

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standard continued ...

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Toluene		1	mg/L	0.100	0.107	107	80 - 120	2013-05-23
Ethylbenzene		1	mg/L	0.100	0.109	109	80 - 120	2013-05-23
Xylene		1	mg/L	0.300	0.320	107	80 - 120	2013-05-23

Standard (CCV-3)

QC Batch: 101697

Date Analyzed: 2013-05-23

Analyzed By: JS

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.108	108	80 - 120	2013-05-23
Toluene		1	mg/L	0.100	0.108	108	80 - 120	2013-05-23
Ethylbenzene		1	mg/L	0.100	0.108	108	80 - 120	2013-05-23
Xylene		1	mg/L	0.300	0.321	107	80 - 120	2013-05-23

Standard (CCV-1)

QC Batch: 101744

Date Analyzed: 2013-05-24

Analyzed By: JS

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.108	108	80 - 120	2013-05-24
Toluene		1	mg/L	0.100	0.109	109	80 - 120	2013-05-24
Ethylbenzene		1	mg/L	0.100	0.112	112	80 - 120	2013-05-24
Xylene		1	mg/L	0.300	0.327	109	80 - 120	2013-05-24

Standard (CCV-2)

QC Batch: 101744

Date Analyzed: 2013-05-24

Analyzed By: JS

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.104	104	80 - 120	2013-05-24

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standard continued ...

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Toluene		1	mg/L	0.100	0.104	104	80 - 120	2013-05-24
Ethylbenzene		1	mg/L	0.100	0.102	102	80 - 120	2013-05-24
Xylene		1	mg/L	0.300	0.306	102	80 - 120	2013-05-24

Standard (CCV-3)

QC Batch: 101744

Date Analyzed: 2013-05-24

Analyzed By: JS

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.106	106	80 - 120	2013-05-24
Toluene		1	mg/L	0.100	0.106	106	80 - 120	2013-05-24
Ethylbenzene		1	mg/L	0.100	0.104	104	80 - 120	2013-05-24
Xylene		1	mg/L	0.300	0.311	104	80 - 120	2013-05-24

Appendix

Report Definitions

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

Laboratory Certifications

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

Standard Flags

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

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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

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

email: lab@traceanalysis.com

Company Name: Nova Phone #: (432) 520-7720

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

Contact Person: Camille Bryant E-mail:

Invoice to: (If different from above)

Project #: +NM-SPS-11 Project Name: SPS-11

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

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX			PRESERVATIVE METHOD					SAMPLING		DATE	TIME
				WATER	SOIL	AIR	SLUDGE	HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE	NONE		
329483	MW-6	3	VDA	X				X				X		5/15	1557
484	MW-10														1631
485	MW-15														1458
486	MW-24														1415
487	MW-39														1645
488	MW-12														1538
489	MW-16														1426
490	MW-9														1520
491	MW-14														1444
492	MW-18														1654
493	MW-28													5/16	1525

Relinquished by: Robert Belbe Nova 5/17	Company: Nova	Date: 5/17	Time: 8:20	Received by: [Signature]	Company: TA	Date: 5/17	Time: 13:30	INST: 17.7°C	OBS: 17.7°C	COR: 1.6°C
Relinquished by: [Signature]	Company: TA	Date: 5/20/13	Time: 15:30	Received by: [Signature]	Company: TA	Date: 5/21/13	Time: 9:00	INST: 17.3°C	OBS: 17.3°C	COR: 3.5°C
Relinquished by: [Signature]	Company: TA	Date: 5/20/13	Time: 15:30	Received by: [Signature]	Company: TA	Date: 5/21/13	Time: 9:00	INST: 17.3°C	OBS: 17.3°C	COR: 3.5°C

ANALYSIS REQUEST (Circle or Specify Method No.)

BTEx 8021 / 602 / 8260 / 624																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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LAB USE ONLY	REMARKS: MW-36 not in me broken VOA- Lubbock all
Initial Y/N Headspace Y/N/NA	
Log-in-Review	
Dry Weight Basis Required	
TRRP Report Required	
Check if Special Reporting Limits Are Needed	

TraceAnalysis, Inc.

email: lab@traceanalysis.com

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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

Company Name:

Phone #:

(432) 520-7720

Address:

(Street, City, Zip)

Fax #:

Contact Person:

E-mail:

Invoice to:

(If different from above)

Project #:

Project Name:

TNM-SPS-11

Project Location (including state):

Sampler Signature:

SPS 11

PRESERVATIVE METHOD

MATRIX

SAMPLING

TIME

DATE

NONE

ICE

NaOH

H₂SO₄HNO₃

HCl

WATER

SLUDGE

AIR

SOIL

Volume / Amount

CONTAINERS

FIELD CODE

LAB #

(LAB USE ONLY)

494

NW 33

3

VIA

5/16

1445

495

NW 34

2

1634

496

NW 36

1536

497

NW 37

1555

498

NW 38

1620

499

NW 40

1518

500

NW 17

1302

501

NW 25

1534

502

NW 26

1319

503

NW 29

1345

504

NW 32

1420

MTBE 8021 / 602 / 8260 / 624

BTX 8021 / 602 / 8260 / 624

TPH 418.1 / TX1005 / TX1005 Ex(C35)

TPH 8015 GRO / DRO / TVHC

PAH 8270 / 625

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

TCLP Metals Ag As Ba Cd Cr Pb Se Hg

TCLP Volatiles

TCLP Semi Volatiles

TCLP Pesticides

RCI

GC/MS Vol. 8260 / 624

GC/MS Semi. Vol. 8270 / 625

PCB's 8082 / 608

Pesticides 8081 / 608

BOD, TSS, pH

Moisture Content

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

Na, Ca, Mg, K, TDS, EC

Turn Around Time if different from standard

ANALYSIS REQUEST

(Circle or Specify Method No.)

REMARKS:

LAB USE ONLY

INST 12-1
OBS 17.7
COR 1.6

Received by: Company: Date: Time: 5/13 8:20

Received by: Company: Date: Time: 5/13 8:20

Received by: Company: Date: Time: 5/13 8:20

Received by: Company: Date: Time: 5/13 8:20

Received by: Company: Date: Time: 5/13 8:20

Received by: Company: Date: Time: 5/13 8:20

Received by: Company: Date: Time: 5/13 8:20

INST 12-1
OBS 17.7
COR 1.6

Received by: Company: Date: Time: 5/13 8:20

Received by: Company: Date: Time: 5/13 8:20

Received by: Company: Date: Time: 5/13 8:20

Received by: Company: Date: Time: 5/13 8:20

Received by: Company: Date: Time: 5/13 8:20

Received by: Company: Date: Time: 5/13 8:20

Received by: Company: Date: Time: 5/13 8:20

Dry Weight Basis Required
TRRP Report Required
Check if Special Reporting
Limits Are NeededINST 12-1
OBS 17.7
COR 1.6

Received by: Company: Date: Time: 5/13 8:20

Received by: Company: Date: Time: 5/13 8:20

Received by: Company: Date: Time: 5/13 8:20

Received by: Company: Date: Time: 5/13 8:20

Received by: Company: Date: Time: 5/13 8:20

Received by: Company: Date: Time: 5/13 8:20

Received by: Company: Date: Time: 5/13 8:20

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

Carrier #

INST 12-1
OBS 17.7
COR 1.6

Received by: Company: Date: Time: 5/13 8:20

Received by: Company: Date: Time: 5/13 8:20

Received by: Company: Date: Time: 5/13 8:20

Received by: Company: Date: Time: 5/13 8:20

Received by: Company: Date: Time: 5/13 8:20

Received by: Company: Date: Time: 5/13 8:20

Received by: Company: Date: Time: 5/13 8:20

ORIGINAL COPY

Summary Report

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

Report Date: September 4, 2013

Work Order: 13082202



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

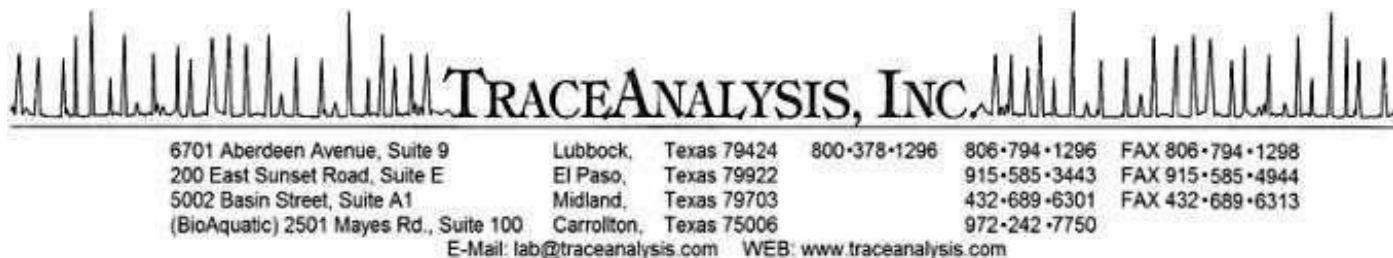
Sample	Description	Matrix	Date Taken	Time Taken	Date Received
339378	MW-15	water	2013-08-21	08:38	2013-08-22
339379	MW-6	water	2013-08-21	09:17	2013-08-22
339380	MW-33	water	2013-08-21	09:44	2013-08-22
339381	MW-34	water	2013-08-21	09:51	2013-08-22
339382	MW-36	water	2013-08-21	10:47	2013-08-22
339383	MW-37	water	2013-08-21	10:50	2013-08-22
339384	MW-38	water	2013-08-21	11:17	2013-08-22
339385	MW-40	water	2013-08-21	11:29	2013-08-22
339386	MW-39	water	2013-08-21	11:53	2013-08-22
339387	MW-10	water	2013-08-21	12:30	2013-08-22
339388	MW-24	water	2013-08-21	13:13	2013-08-22
339389	MW-12	water	2013-08-21	13:25	2013-08-22
339390	MW-17	water	2013-08-21	13:37	2013-08-22
339391	MW-35	water	2013-08-21	13:48	2013-08-22
339392	MW-16	water	2013-08-21	14:11	2013-08-22
339393	MW-9	water	2013-08-21	14:13	2013-08-22
339394	MW-28	water	2013-08-21	14:36	2013-08-22
339395	MW-26	water	2013-08-21	14:38	2013-08-22
339396	MW-29	water	2013-08-21	14:51	2013-08-22
339397	MW-32	water	2013-08-21	14:56	2013-08-22
339398	MW-14	water	2013-08-21	15:15	2013-08-22

Sample - Field Code	BTEX			
	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)
339378 - MW-15	0.00330	0.0103	0.00320	0.0213
339379 - MW-6	<0.00100	<0.00100	<0.00100	<0.00100

continued ...

... continued

Sample - Field Code	BTEX			
	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)
339380 - MW-33	<0.00100	<0.00100	<0.00100	<0.00100
339381 - MW-34	<0.00100 _{Qr}	<0.00100 _{Qr}	<0.00100 _{Qr}	<0.00100 _{Qr}
339382 - MW-36	<0.00100	<0.00100	<0.00100	<0.00100
339383 - MW-37	<0.00100	<0.00100	<0.00100	<0.00100
339384 - MW-38	<0.00100	<0.00100	<0.00100	<0.00100
339385 - MW-40	<0.00100	<0.00100	<0.00100	<0.00100
339386 - MW-39	<0.00100	<0.00100	<0.00100	<0.00100
339387 - MW-10	<0.00100	<0.00100	<0.00100	0.00120
339388 - MW-24	<0.00100	<0.00100	<0.00100	<0.00100
339389 - MW-12	<0.00100	<0.00100	<0.00100	<0.00100
339390 - MW-17	0.00220	<0.00100	<0.00100	0.00190
339391 - MW-35	0.00350	<0.00100	0.00150	0.00510
339392 - MW-16	0.0167	0.0190	0.00180	0.00330
339393 - MW-9	0.00860	<0.00100	<0.00100	<0.00100
339394 - MW-28	0.224	<0.00100	0.0451	0.00230
339395 - MW-26	0.396	0.0809	0.0885	0.0305
339396 - MW-29	0.351	<0.0500	<0.0500	<0.0500
339397 - MW-32	0.998	<0.0100	0.0259	<0.0100
339398 - MW-14	2.20	<0.0500	<0.0500	<0.0500



Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

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

Report Date: September 4, 2013

Work Order: 13082202



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

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

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
339378	MW-15	water	2013-08-21	08:38	2013-08-22
339379	MW-6	water	2013-08-21	09:17	2013-08-22
339380	MW-33	water	2013-08-21	09:44	2013-08-22
339381	MW-34	water	2013-08-21	09:51	2013-08-22
339382	MW-36	water	2013-08-21	10:47	2013-08-22
339383	MW-37	water	2013-08-21	10:50	2013-08-22
339384	MW-38	water	2013-08-21	11:17	2013-08-22
339385	MW-40	water	2013-08-21	11:29	2013-08-22
339386	MW-39	water	2013-08-21	11:53	2013-08-22
339387	MW-10	water	2013-08-21	12:30	2013-08-22
339388	MW-24	water	2013-08-21	13:13	2013-08-22
339389	MW-12	water	2013-08-21	13:25	2013-08-22
339390	MW-17	water	2013-08-21	13:37	2013-08-22
339391	MW-35	water	2013-08-21	13:48	2013-08-22
339392	MW-16	water	2013-08-21	14:11	2013-08-22
339393	MW-9	water	2013-08-21	14:13	2013-08-22
339394	MW-28	water	2013-08-21	14:36	2013-08-22

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
339395	MW-26	water	2013-08-21	14:38	2013-08-22
339396	MW-29	water	2013-08-21	14:51	2013-08-22
339397	MW-32	water	2013-08-21	14:56	2013-08-22
339398	MW-14	water	2013-08-21	15:15	2013-08-22

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

This report consists of a total of 33 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.



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

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Sample 339380 (MW-33)	6
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Sample 339382 (MW-36)	7
Sample 339383 (MW-37)	8
Sample 339384 (MW-38)	8
Sample 339385 (MW-40)	9
Sample 339386 (MW-39)	9
Sample 339387 (MW-10)	10
Sample 339388 (MW-24)	10
Sample 339389 (MW-12)	11
Sample 339390 (MW-17)	11
Sample 339391 (MW-35)	12
Sample 339392 (MW-16)	12
Sample 339393 (MW-9)	13
Sample 339394 (MW-28)	13
Sample 339395 (MW-26)	14
Sample 339396 (MW-29)	14
Sample 339397 (MW-32)	15
Sample 339398 (MW-14)	15
Method Blanks	17
QC Batch 104456 - Method Blank (1)	17
QC Batch 104552 - Method Blank (1)	17
QC Batch 104602 - Method Blank (1)	17
QC Batch 104614 - Method Blank (1)	18
QC Batch 104683 - Method Blank (1)	18
Laboratory Control Spikes	20
QC Batch 104456 - LCS (1)	20
QC Batch 104552 - LCS (1)	20
QC Batch 104602 - LCS (1)	21
QC Batch 104614 - LCS (1)	21
QC Batch 104683 - LCS (1)	22
QC Batch 104456 - MS (1)	23
QC Batch 104552 - MS (1)	23
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QC Batch 104614 - MS (1)	25
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Calibration Standards	27
QC Batch 104456 - CCV (1)	27

QC Batch 104456 - CCV (2)	27
QC Batch 104456 - CCV (3)	27
QC Batch 104552 - CCV (1)	27
QC Batch 104552 - CCV (2)	28
QC Batch 104552 - CCV (3)	28
QC Batch 104602 - CCV (1)	28
QC Batch 104602 - CCV (2)	29
QC Batch 104602 - CCV (3)	29
QC Batch 104614 - CCV (1)	29
QC Batch 104614 - CCV (2)	30
QC Batch 104614 - CCV (3)	30
QC Batch 104683 - CCV (1)	30
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Case Narrative

Samples for project TNM SPS-11 were received by TraceAnalysis, Inc. on 2013-08-22 and assigned to work order 13082202. Samples for work order 13082202 were received intact without headspace and at a temperature of 3.0 C.

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

Test	Method	Prep Batch	Prep Date	QC Batch	Analysis Date
BTEX	S 8021B	88509	2013-08-27 at 10:00	104456	2013-08-27 at 16:55
BTEX	S 8021B	88584	2013-08-28 at 13:35	104552	2013-08-28 at 13:35
BTEX	S 8021B	88614	2013-08-28 at 13:31	104602	2013-08-29 at 15:12
BTEX	S 8021B	88628	2013-08-28 at 13:35	104614	2013-08-28 at 13:35
BTEX	S 8021B	88693	2013-09-03 at 15:13	104683	2013-09-03 at 15:13

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

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 13082202 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.

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Analytical Report

Sample: 339378 - MW-15

Laboratory: Midland
Analysis: BTEX
QC Batch: 104456
Prep Batch: 88509

Analytical Method: S 8021B
Date Analyzed: 2013-08-27
Sample Preparation: 2013-08-27

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

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		2	0.00330	mg/L	1	0.00100
Toluene		2	0.0103	mg/L	1	0.00100
Ethylbenzene		2	0.00320	mg/L	1	0.00100
Xylene		2	0.0213	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.140	mg/L	1	0.150	93	70 - 130
4-Bromofluorobenzene (4-BFB)			0.145	mg/L	1	0.150	97	70 - 130

Sample: 339379 - MW-6

Laboratory: Lubbock
Analysis: BTEX
QC Batch: 104683
Prep Batch: 88693

Analytical Method: S 8021B
Date Analyzed: 2013-09-03
Sample Preparation: 2013-09-03

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

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0965	mg/L	1	0.100	96	75.4 - 120
4-Bromofluorobenzene (4-BFB)			0.0967	mg/L	1	0.100	97	74.6 - 120

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Sample: 339380 - MW-33

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 104552

Prep Batch: 88584

Analytical Method: S 8021B

Date Analyzed: 2013-08-28

Sample Preparation: 2013-08-28

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.103	mg/L	1	0.100	103	75.4 - 120
4-Bromofluorobenzene (4-BFB)			0.0860	mg/L	1	0.100	86	74.6 - 120

Sample: 339381 - MW-34

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 104614

Prep Batch: 88628

Analytical Method: S 8021B

Date Analyzed: 2013-08-28

Sample Preparation: 2013-08-28

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	Qsr	Qsr	0.127	mg/L	1	0.100	127	75.4 - 120
4-Bromofluorobenzene (4-BFB)			0.105	mg/L	1	0.100	105	74.6 - 120

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Sample: 339382 - MW-36

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 104602

Prep Batch: 88614

Analytical Method: S 8021B

Date Analyzed: 2013-08-29

Sample Preparation: 2013-08-28

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0857	mg/L	1	0.100	86	68.8 - 120
4-Bromofluorobenzene (4-BFB)			0.0781	mg/L	1	0.100	78	67.5 - 120

Sample: 339383 - MW-37

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 104602

Prep Batch: 88614

Analytical Method: S 8021B

Date Analyzed: 2013-08-29

Sample Preparation: 2013-08-28

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0908	mg/L	1	0.100	91	68.8 - 120
4-Bromofluorobenzene (4-BFB)			0.0776	mg/L	1	0.100	78	67.5 - 120

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Sample: 339384 - MW-38

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 104602

Prep Batch: 88614

Analytical Method: S 8021B

Date Analyzed: 2013-08-29

Sample Preparation: 2013-08-28

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0886	mg/L	1	0.100	89	68.8 - 120
4-Bromofluorobenzene (4-BFB)			0.0817	mg/L	1	0.100	82	67.5 - 120

Sample: 339385 - MW-40

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 104602

Prep Batch: 88614

Analytical Method: S 8021B

Date Analyzed: 2013-08-29

Sample Preparation: 2013-08-28

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0874	mg/L	1	0.100	87	68.8 - 120
4-Bromofluorobenzene (4-BFB)			0.0741	mg/L	1	0.100	74	67.5 - 120

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Sample: 339386 - MW-39

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 104602

Prep Batch: 88614

Analytical Method: S 8021B

Date Analyzed: 2013-08-29

Sample Preparation: 2013-08-28

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0924	mg/L	1	0.100	92	68.8 - 120
4-Bromofluorobenzene (4-BFB)			0.0830	mg/L	1	0.100	83	67.5 - 120

Sample: 339387 - MW-10

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 104602

Prep Batch: 88614

Analytical Method: S 8021B

Date Analyzed: 2013-08-29

Sample Preparation: 2013-08-28

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0923	mg/L	1	0.100	92	68.8 - 120
4-Bromofluorobenzene (4-BFB)			0.0854	mg/L	1	0.100	85	67.5 - 120

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Sample: 339388 - MW-24

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 104602

Prep Batch: 88614

Analytical Method: S 8021B

Date Analyzed: 2013-08-29

Sample Preparation: 2013-08-28

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0981	mg/L	1	0.100	98	68.8 - 120
4-Bromofluorobenzene (4-BFB)			0.0763	mg/L	1	0.100	76	67.5 - 120

Sample: 339389 - MW-12

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 104602

Prep Batch: 88614

Analytical Method: S 8021B

Date Analyzed: 2013-08-29

Sample Preparation: 2013-08-28

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0789	mg/L	1	0.100	79	68.8 - 120
4-Bromofluorobenzene (4-BFB)			0.0701	mg/L	1	0.100	70	67.5 - 120

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Sample: 339390 - MW-17

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 104602

Prep Batch: 88614

Analytical Method: S 8021B

Date Analyzed: 2013-08-29

Sample Preparation: 2013-08-28

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.00220	mg/L	1	0.00100
Toluene		1	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	1	<0.00100	mg/L	1	0.00100
Xylene	B	1	0.00190	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.105	mg/L	1	0.100	105	68.8 - 120
4-Bromofluorobenzene (4-BFB)			0.0853	mg/L	1	0.100	85	67.5 - 120

Sample: 339391 - MW-35

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 104602

Prep Batch: 88614

Analytical Method: S 8021B

Date Analyzed: 2013-08-29

Sample Preparation: 2013-08-28

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.00350	mg/L	1	0.00100
Toluene	U	1	<0.00100	mg/L	1	0.00100
Ethylbenzene		1	0.00150	mg/L	1	0.00100
Xylene	B	1	0.00510	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0868	mg/L	1	0.100	87	68.8 - 120
4-Bromofluorobenzene (4-BFB)			0.0801	mg/L	1	0.100	80	67.5 - 120

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Sample: 339392 - MW-16

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 104552

Prep Batch: 88584

Analytical Method: S 8021B

Date Analyzed: 2013-08-28

Sample Preparation: 2013-08-28

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.0167	mg/L	1	0.00100
Toluene		1	0.0190	mg/L	1	0.00100
Ethylbenzene		1	0.00180	mg/L	1	0.00100
Xylene		1	0.00330	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.109	mg/L	1	0.100	109	75.4 - 120
4-Bromofluorobenzene (4-BFB)			0.0902	mg/L	1	0.100	90	74.6 - 120

Sample: 339393 - MW-9

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 104552

Prep Batch: 88584

Analytical Method: S 8021B

Date Analyzed: 2013-08-28

Sample Preparation: 2013-08-28

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.00860	mg/L	1	0.00100
Toluene	U	1	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	1	<0.00100	mg/L	1	0.00100
Xylene	U	1	<0.00100	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.107	mg/L	1	0.100	107	75.4 - 120
4-Bromofluorobenzene (4-BFB)			0.0878	mg/L	1	0.100	88	74.6 - 120

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Sample: 339394 - MW-28

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 104552

Prep Batch: 88584

Analytical Method: S 8021B

Date Analyzed: 2013-08-28

Sample Preparation: 2013-08-28

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.224	mg/L	1	0.00100
Toluene	u	1	<0.00100	mg/L	1	0.00100
Ethylbenzene		1	0.0451	mg/L	1	0.00100
Xylene		1	0.00230	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.101	mg/L	1	0.100	101	75.4 - 120
4-Bromofluorobenzene (4-BFB)			0.0992	mg/L	1	0.100	99	74.6 - 120

Sample: 339395 - MW-26

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 104552

Prep Batch: 88584

Analytical Method: S 8021B

Date Analyzed: 2013-08-28

Sample Preparation: 2013-08-28

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.396	mg/L	1	0.00100
Toluene		1	0.0809	mg/L	1	0.00100
Ethylbenzene		1	0.0885	mg/L	1	0.00100
Xylene		1	0.0305	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.101	mg/L	1	0.100	101	75.4 - 120
4-Bromofluorobenzene (4-BFB)			0.0975	mg/L	1	0.100	98	74.6 - 120

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Sample: 339396 - MW-29

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 104552

Prep Batch: 88584

Analytical Method: S 8021B

Date Analyzed: 2013-08-28

Sample Preparation: 2013-08-28

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.351	mg/L	50	0.00100
Toluene	u	1	<0.0500	mg/L	50	0.00100
Ethylbenzene	u	1	<0.0500	mg/L	50	0.00100
Xylene	u	1	<0.0500	mg/L	50	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			5.65	mg/L	50	5.00	113	75.4 - 120
4-Bromofluorobenzene (4-BFB)			4.72	mg/L	50	5.00	94	74.6 - 120

Sample: 339397 - MW-32

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 104683

Prep Batch: 88693

Analytical Method: S 8021B

Date Analyzed: 2013-09-03

Sample Preparation: 2013-09-03

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	0.998	mg/L	10	0.00100
Toluene	u	1	<0.0100	mg/L	10	0.00100
Ethylbenzene		1	0.0259	mg/L	10	0.00100
Xylene	u	1	<0.0100	mg/L	10	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			1.01	mg/L	10	1.00	101	75.4 - 120
4-Bromofluorobenzene (4-BFB)			1.02	mg/L	10	1.00	102	74.6 - 120

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Sample: 339398 - MW-14

Laboratory: Lubbock

Analysis: BTEX

QC Batch: 104552

Prep Batch: 88584

Analytical Method: S 8021B

Date Analyzed: 2013-08-28

Sample Preparation: 2013-08-28

Prep Method: S 5030B

Analyzed By: MT

Prepared By: MT

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	2.20	mg/L	50	0.00100
Toluene	U	1	<0.0500	mg/L	50	0.00100
Ethylbenzene	U	1	<0.0500	mg/L	50	0.00100
Xylene	U	1	<0.0500	mg/L	50	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			5.25	mg/L	50	5.00	105	75.4 - 120
4-Bromofluorobenzene (4-BFB)			4.41	mg/L	50	5.00	88	74.6 - 120

Method Blanks

Method Blank (1) QC Batch: 104456

QC Batch: 104456 Date Analyzed: 2013-08-27 Analyzed By: AK
Prep Batch: 88509 QC Preparation: 2013-08-27 Prepared By: AK

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.121	mg/L	1	0.100	121	70 - 130
4-Bromofluorobenzene (4-BFB)			0.107	mg/L	1	0.100	107	70 - 130

Method Blank (1) QC Batch: 104552

QC Batch: 104552 Date Analyzed: 2013-08-28 Analyzed By: MT
Prep Batch: 88584 QC Preparation: 2013-08-28 Prepared By: MT

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.103	mg/L	1	0.100	103	75.4 - 120
4-Bromofluorobenzene (4-BFB)			0.0856	mg/L	1	0.100	86	74.6 - 120

Method Blank (1) QC Batch: 104602

QC Batch: 104602 Date Analyzed: 2013-08-29 Analyzed By: MT
Prep Batch: 88614 QC Preparation: 2013-08-28 Prepared By: MT

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Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1	<0.000387	mg/L	0.001
Toluene		1	<0.000465	mg/L	0.001
Ethylbenzene		1	<0.000442	mg/L	0.001
Xylene		1	0.00140	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0990	mg/L	1	0.100	99	68.8 - 120
4-Bromofluorobenzene (4-BFB)			0.0790	mg/L	1	0.100	79	67.5 - 120

Method Blank (1) QC Batch: 104614

QC Batch: 104614
Prep Batch: 88628

Date Analyzed: 2013-08-28
QC Preparation: 2013-08-28

Analyzed By: MT
Prepared By: MT

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	Q _{sr}	Q _{sr}	0.121	mg/L	1	0.100	121	75.4 - 120
4-Bromofluorobenzene (4-BFB)			0.0997	mg/L	1	0.100	100	74.6 - 120

Method Blank (1) QC Batch: 104683

QC Batch: 104683
Prep Batch: 88693

Date Analyzed: 2013-09-03
QC Preparation: 2013-09-03

Analyzed By: MT
Prepared By: MT

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

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Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0991	mg/L	1	0.100	99	75.4 - 120
4-Bromofluorobenzene (4-BFB)			0.100	mg/L	1	0.100	100	74.6 - 120

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Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 104456
Prep Batch: 88509

Date Analyzed: 2013-08-27
QC Preparation: 2013-08-27

Analyzed By: AK
Prepared By: AK

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		2	0.0976	mg/L	1	0.100	<0.000200	98	70 - 130
Toluene		2	0.0957	mg/L	1	0.100	<0.000300	96	70 - 130
Ethylbenzene		2	0.0946	mg/L	1	0.100	<0.000400	95	70 - 130
Xylene		2	0.290	mg/L	1	0.300	<0.00120	97	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		2	0.0942	mg/L	1	0.100	<0.000200	94	70 - 130	4	20
Toluene		2	0.0933	mg/L	1	0.100	<0.000300	93	70 - 130	2	20
Ethylbenzene		2	0.0942	mg/L	1	0.100	<0.000400	94	70 - 130	0	20
Xylene		2	0.282	mg/L	1	0.300	<0.00120	94	70 - 130	3	20

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

Surrogate	LCS Result	LCS Result	Units	Dil.	Spike Amount	LCS Rec.	LCS Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.107	0.0992	mg/L	1	0.100	107	99	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0953	0.0947	mg/L	1	0.100	95	95	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 104552
Prep Batch: 88584

Date Analyzed: 2013-08-28
QC Preparation: 2013-08-28

Analyzed By: MT
Prepared By: MT

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.105	mg/L	1	0.100	<0.000567	105	74.3 - 120
Toluene		1	0.0944	mg/L	1	0.100	<0.000518	94	77.6 - 120
Ethylbenzene		1	0.0948	mg/L	1	0.100	<0.000518	95	78.5 - 120
Xylene		1	0.285	mg/L	1	0.300	<0.000548	95	77.6 - 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	0.102	mg/L	1	0.100	<0.000567	102	74.3 - 120	3	20
Toluene		1	0.0906	mg/L	1	0.100	<0.000518	91	77.6 - 120	4	20
Ethylbenzene		1	0.0906	mg/L	1	0.100	<0.000518	91	78.5 - 120	4	20
Xylene		1	0.273	mg/L	1	0.300	<0.000548	91	77.6 - 120	4	20

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

Surrogate	LCSD Result	LCSD Result	Units	Dil.	Spike Amount	LCSD Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.112	0.110	mg/L	1	0.100	112	110	75.4 - 120
4-Bromofluorobenzene (4-BFB)	0.0937	0.0919	mg/L	1	0.100	94	92	74.6 - 120

Laboratory Control Spike (LCS-1)

QC Batch: 104602
Prep Batch: 88614

Date Analyzed: 2013-08-29
QC Preparation: 2013-08-28

Analyzed By: MT
Prepared By: MT

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.0820	mg/L	1	0.100	<0.000387	82	71.6 - 120
Toluene		1	0.0830	mg/L	1	0.100	<0.000465	83	71.6 - 120
Ethylbenzene		1	0.0870	mg/L	1	0.100	<0.000442	87	71.1 - 120
Xylene		1	0.264	mg/L	1	0.300	0.0014	88	72.5 - 120

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

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.0800	mg/L	1	0.100	<0.000387	80	71.6 - 120	2	20
Toluene		1	0.0810	mg/L	1	0.100	<0.000465	81	71.6 - 120	2	20
Ethylbenzene		1	0.0844	mg/L	1	0.100	<0.000442	84	71.1 - 120	3	20
Xylene		1	0.256	mg/L	1	0.300	0.0014	85	72.5 - 120	3	20

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

Surrogate	LCSD Result	LCSD Result	Units	Dil.	Spike Amount	LCSD Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0860	0.0890	mg/L	1	0.100	86	89	68.8 - 120
4-Bromofluorobenzene (4-BFB)	0.0810	0.0790	mg/L	1	0.100	81	79	67.5 - 120

Laboratory Control Spike (LCS-1)

QC Batch: 104614
Prep Batch: 88628

Date Analyzed: 2013-08-28
QC Preparation: 2013-08-28

Analyzed By: MT
Prepared By: MT

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.112	mg/L	1	0.100	<0.000567	112	74.3 - 120
Toluene		1	0.100	mg/L	1	0.100	<0.000518	100	77.6 - 120
Ethylbenzene		1	0.0979	mg/L	1	0.100	<0.000518	98	78.5 - 120
Xylene		1	0.294	mg/L	1	0.300	<0.000548	98	77.6 - 120

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

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.115	mg/L	1	0.100	<0.000567	115	74.3 - 120	3	20
Toluene		1	0.104	mg/L	1	0.100	<0.000518	104	77.6 - 120	4	20
Ethylbenzene		1	0.102	mg/L	1	0.100	<0.000518	102	78.5 - 120	4	20
Xylene		1	0.304	mg/L	1	0.300	<0.000548	101	77.6 - 120	3	20

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

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.118	0.119	mg/L	1	0.100	118	119	75.4 - 120
4-Bromofluorobenzene (4-BFB)	0.0987	0.0995	mg/L	1	0.100	99	100	74.6 - 120

Laboratory Control Spike (LCS-1)

QC Batch: 104683
Prep Batch: 88693

Date Analyzed: 2013-09-03
QC Preparation: 2013-09-03

Analyzed By: MT
Prepared By: MT

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.0957	mg/L	1	0.100	<0.000567	96	74.3 - 120
Toluene		1	0.0874	mg/L	1	0.100	<0.000518	87	77.6 - 120
Ethylbenzene		1	0.0929	mg/L	1	0.100	<0.000518	93	78.5 - 120
Xylene		1	0.285	mg/L	1	0.300	<0.000548	95	77.6 - 120

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

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.0974	mg/L	1	0.100	<0.000567	97	74.3 - 120	2	20
Toluene		1	0.0891	mg/L	1	0.100	<0.000518	89	77.6 - 120	2	20

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Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Ethylbenzene		1	0.0945	mg/L	1	0.100	<0.000518	94	78.5 - 120	2	20
Xylene		1	0.290	mg/L	1	0.300	<0.000548	97	77.6 - 120	2	20

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

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.102	0.103	mg/L	1	0.100	102	103	75.4 - 120
4-Bromofluorobenzene (4-BFB)	0.103	0.104	mg/L	1	0.100	103	104	74.6 - 120

Matrix Spike (MS-1) Spiked Sample: 339378

QC Batch: 104456
Prep Batch: 88509

Date Analyzed: 2013-08-27
QC Preparation: 2013-08-27

Analyzed By: AK
Prepared By: AK

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		2	0.101	mg/L	1	0.100	0.0033	98	70 - 130
Toluene		2	0.0976	mg/L	1	0.100	0.0103	87	70 - 130
Ethylbenzene		2	0.0916	mg/L	1	0.100	0.0032	88	70 - 130
Xylene		2	0.279	mg/L	1	0.300	0.0213	86	70 - 130

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

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		2	0.102	mg/L	1	0.100	0.0033	99	70 - 130	1	20
Toluene		2	0.0983	mg/L	1	0.100	0.0103	88	70 - 130	1	20
Ethylbenzene		2	0.0951	mg/L	1	0.100	0.0032	92	70 - 130	4	20
Xylene		2	0.288	mg/L	1	0.300	0.0213	89	70 - 130	3	20

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

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.112	0.113	mg/L	1	0.1	112	113	70 - 130
4-Bromofluorobenzene (4-BFB)	0.109	0.110	mg/L	1	0.1	109	110	70 - 130

Matrix Spike (MS-1) Spiked Sample: 339380

QC Batch: 104552
Prep Batch: 88584

Date Analyzed: 2013-08-28
QC Preparation: 2013-08-28

Analyzed By: MT
Prepared By: MT

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Param	F	C	MS		Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
			Result	Units					
Benzene		1	0.0936	mg/L	1	0.100	<0.000567	94	50.2 - 129
Toluene		1	0.0822	mg/L	1	0.100	<0.000518	82	58.1 - 129
Ethylbenzene		1	0.0832	mg/L	1	0.100	<0.000518	83	58.1 - 127
Xylene		1	0.250	mg/L	1	0.300	<0.000548	83	53.1 - 128

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

Param	F	C	MSD		Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
			Result	Units							
Benzene		1	0.100	mg/L	1	0.100	<0.000567	100	50.2 - 129	7	20
Toluene		1	0.0880	mg/L	1	0.100	<0.000518	88	58.1 - 129	7	20
Ethylbenzene		1	0.0883	mg/L	1	0.100	<0.000518	88	58.1 - 127	6	20
Xylene		1	0.266	mg/L	1	0.300	<0.000548	89	53.1 - 128	6	20

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

Surrogate	F	C	MS		Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
			Result	Result						
Trifluorotoluene (TFT)			0.101	0.104	mg/L	1	0.1	101	104	75.4 - 120
4-Bromofluorobenzene (4-BFB)			0.0869	0.0880	mg/L	1	0.1	87	88	74.6 - 120

Matrix Spike (MS-1) Spiked Sample: 339379

QC Batch: 104602
Prep Batch: 88614

Date Analyzed: 2013-08-29
QC Preparation: 2013-08-28

Analyzed By: MT
Prepared By: MT

Param	F	C	MS		Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
			Result	Units					
Benzene		1	0.0806	mg/L	1	0.100	<0.000387	81	54.2 - 120
Toluene		1	0.0810	mg/L	1	0.100	<0.000465	81	55.6 - 120
Ethylbenzene		1	0.0833	mg/L	1	0.100	<0.000442	83	59.6 - 120
Xylene		1	0.252	mg/L	1	0.300	<0.000413	84	61.4 - 120

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

Param	F	C	MSD		Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
			Result	Units							
Benzene		1	0.0811	mg/L	1	0.100	<0.000387	81	54.2 - 120	1	20
Toluene		1	0.0810	mg/L	1	0.100	<0.000465	81	55.6 - 120	0	20
Ethylbenzene		1	0.0833	mg/L	1	0.100	<0.000442	83	59.6 - 120	0	20
Xylene		1	0.252	mg/L	1	0.300	<0.000413	84	61.4 - 120	0	20

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

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Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0852	0.0896	mg/L	1	0.1	85	90	68.8 - 120
4-Bromofluorobenzene (4-BFB)	0.0852	0.0831	mg/L	1	0.1	85	83	67.5 - 120

Matrix Spike (MS-1) Spiked Sample: 339381

QC Batch: 104614
Prep Batch: 88628

Date Analyzed: 2013-08-28
QC Preparation: 2013-08-28

Analyzed By: MT
Prepared By: MT

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.119	mg/L	1	0.100	<0.000567	119	50.2 - 129
Toluene		1	0.106	mg/L	1	0.100	<0.000518	106	58.1 - 129
Ethylbenzene		1	0.104	mg/L	1	0.100	<0.000518	104	58.1 - 127
Xylene		1	0.309	mg/L	1	0.300	<0.000548	103	53.1 - 128

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

Param				MSD		Dil.	Spike Amount	Matrix Result	Rec.	Rec.		RPD
	F	C		Result	Units					Limit	RPD	
Benzene	Q _r	Q _r	1	0.0953	mg/L	1	0.100	<0.000567	95	50.2 - 129	22	20
Toluene	Q _r	Q _r	1	0.0835	mg/L	1	0.100	<0.000518	84	58.1 - 129	24	20
Ethylbenzene	Q _r	Q _r	1	0.0829	mg/L	1	0.100	<0.000518	83	58.1 - 127	23	20
Xylene	Q _r	Q _r	1	0.248	mg/L	1	0.300	<0.000548	83	53.1 - 128	22	20

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

Surrogate			MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	Q _{sr}	Q _{sr}	0.127	0.123	mg/L	1	0.1	127	123	75.4 - 120
4-Bromofluorobenzene (4-BFB)			0.107	0.104	mg/L	1	0.1	107	104	74.6 - 120

Matrix Spike (MS-1) Spiked Sample: 339397

QC Batch: 104683
Prep Batch: 88693

Date Analyzed: 2013-09-03
QC Preparation: 2013-09-03

Analyzed By: MT
Prepared By: MT

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	1.91	mg/L	10	1.00	0.998	91	50.2 - 129
Toluene		1	0.812	mg/L	10	1.00	<0.00518	81	58.1 - 129
Ethylbenzene		1	0.924	mg/L	10	1.00	0.0259	90	58.1 - 127
Xylene		1	2.65	mg/L	10	3.00	<0.00548	88	53.1 - 128

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

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	1.89	mg/L	10	1.00	0.998	89	50.2 - 129	1	20
Toluene		1	0.832	mg/L	10	1.00	<0.00518	83	58.1 - 129	2	20
Ethylbenzene		1	0.953	mg/L	10	1.00	0.0259	93	58.1 - 127	3	20
Xylene		1	2.71	mg/L	10	3.00	<0.00548	90	53.1 - 128	2	20

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

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.998	0.959	mg/L	10	1	100	96	75.4 - 120
4-Bromofluorobenzene (4-BFB)	1.03	0.988	mg/L	10	1	103	99	74.6 - 120

Calibration Standards

Standard (CCV-1)

QC Batch: 104456

Date Analyzed: 2013-08-27

Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		2	mg/L	0.100	0.107	107	80 - 120	2013-08-27
Toluene		2	mg/L	0.100	0.103	103	80 - 120	2013-08-27
Ethylbenzene		2	mg/L	0.100	0.0985	98	80 - 120	2013-08-27
Xylene		2	mg/L	0.300	0.303	101	80 - 120	2013-08-27

Standard (CCV-2)

QC Batch: 104456

Date Analyzed: 2013-08-27

Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		2	mg/L	0.100	0.109	109	80 - 120	2013-08-27
Toluene		2	mg/L	0.100	0.106	106	80 - 120	2013-08-27
Ethylbenzene		2	mg/L	0.100	0.0996	100	80 - 120	2013-08-27
Xylene		2	mg/L	0.300	0.305	102	80 - 120	2013-08-27

Standard (CCV-3)

QC Batch: 104456

Date Analyzed: 2013-08-27

Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		2	mg/L	0.100	0.107	107	80 - 120	2013-08-27
Toluene		2	mg/L	0.100	0.104	104	80 - 120	2013-08-27
Ethylbenzene		2	mg/L	0.100	0.0993	99	80 - 120	2013-08-27
Xylene		2	mg/L	0.300	0.297	99	80 - 120	2013-08-27

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Standard (CCV-1)

QC Batch: 104552

Date Analyzed: 2013-08-28

Analyzed By: MT

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.104	104	80 - 120	2013-08-28
Toluene		1	mg/L	0.100	0.0930	93	80 - 120	2013-08-28
Ethylbenzene		1	mg/L	0.100	0.0933	93	80 - 120	2013-08-28
Xylene		1	mg/L	0.300	0.281	94	80 - 120	2013-08-28

Standard (CCV-2)

QC Batch: 104552

Date Analyzed: 2013-08-28

Analyzed By: MT

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.102	102	80 - 120	2013-08-28
Toluene		1	mg/L	0.100	0.0907	91	80 - 120	2013-08-28
Ethylbenzene		1	mg/L	0.100	0.0914	91	80 - 120	2013-08-28
Xylene		1	mg/L	0.300	0.275	92	80 - 120	2013-08-28

Standard (CCV-3)

QC Batch: 104552

Date Analyzed: 2013-08-28

Analyzed By: MT

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.116	116	80 - 120	2013-08-28
Toluene		1	mg/L	0.100	0.104	104	80 - 120	2013-08-28
Ethylbenzene		1	mg/L	0.100	0.101	101	80 - 120	2013-08-28
Xylene		1	mg/L	0.300	0.303	101	80 - 120	2013-08-28

Standard (CCV-1)

QC Batch: 104602

Date Analyzed: 2013-08-29

Analyzed By: MT

Report Date: September 4, 2013
NM-2016

Work Order: 13082202
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West of Hobbs, NM

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0800	80	80 - 120	2013-08-29
Toluene		1	mg/L	0.100	0.0830	83	80 - 120	2013-08-29
Ethylbenzene		1	mg/L	0.100	0.0880	88	80 - 120	2013-08-29
Xylene		1	mg/L	0.300	0.294	98	80 - 120	2013-08-29

Standard (CCV-2)

QC Batch: 104602

Date Analyzed: 2013-08-29

Analyzed By: MT

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0825	82	80 - 120	2013-08-29
Toluene		1	mg/L	0.100	0.0842	84	80 - 120	2013-08-29
Ethylbenzene		1	mg/L	0.100	0.0863	86	80 - 120	2013-08-29
Xylene		1	mg/L	0.300	0.260	87	80 - 120	2013-08-29

Standard (CCV-3)

QC Batch: 104602

Date Analyzed: 2013-08-29

Analyzed By: MT

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0817	82	80 - 120	2013-08-29
Toluene		1	mg/L	0.100	0.0827	83	80 - 120	2013-08-29
Ethylbenzene		1	mg/L	0.100	0.0824	82	80 - 120	2013-08-29
Xylene		1	mg/L	0.300	0.248	83	80 - 120	2013-08-29

Standard (CCV-1)

QC Batch: 104614

Date Analyzed: 2013-08-28

Analyzed By: MT

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.113	113	80 - 120	2013-08-28

continued ...

standard continued ...

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Toluene		1	mg/L	0.100	0.101	101	80 - 120	2013-08-28
Ethylbenzene		1	mg/L	0.100	0.0986	99	80 - 120	2013-08-28
Xylene		1	mg/L	0.300	0.296	98	80 - 120	2013-08-28

Standard (CCV-2)

QC Batch: 104614

Date Analyzed: 2013-08-28

Analyzed By: MT

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0994	99	80 - 120	2013-08-28
Toluene		1	mg/L	0.100	0.0880	88	80 - 120	2013-08-28
Ethylbenzene		1	mg/L	0.100	0.0880	88	80 - 120	2013-08-28
Xylene		1	mg/L	0.300	0.266	88	80 - 120	2013-08-28

Standard (CCV-3)

QC Batch: 104614

Date Analyzed: 2013-08-28

Analyzed By: MT

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.102	102	80 - 120	2013-08-28
Toluene		1	mg/L	0.100	0.0901	90	80 - 120	2013-08-28
Ethylbenzene		1	mg/L	0.100	0.0916	92	80 - 120	2013-08-28
Xylene		1	mg/L	0.300	0.276	92	80 - 120	2013-08-28

Standard (CCV-1)

QC Batch: 104683

Date Analyzed: 2013-09-03

Analyzed By: MT

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0979	98	80 - 120	2013-09-03

continued ...

Report Date: September 4, 2013
NM-2016

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West of Hobbs, NM

standard continued ...

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Toluene		1	mg/L	0.100	0.0893	89	80 - 120	2013-09-03
Ethylbenzene		1	mg/L	0.100	0.0950	95	80 - 120	2013-09-03
Xylene		1	mg/L	0.300	0.289	96	80 - 120	2013-09-03

Standard (CCV-2)

QC Batch: 104683

Date Analyzed: 2013-09-03

Analyzed By: MT

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0908	91	80 - 120	2013-09-03
Toluene		1	mg/L	0.100	0.0832	83	80 - 120	2013-09-03
Ethylbenzene		1	mg/L	0.100	0.0912	91	80 - 120	2013-09-03
Xylene		1	mg/L	0.300	0.278	93	80 - 120	2013-09-03

Standard (CCV-3)

QC Batch: 104683

Date Analyzed: 2013-09-03

Analyzed By: MT

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0889	89	80 - 120	2013-09-03
Toluene		1	mg/L	0.100	0.0800	80	80 - 120	2013-09-03
Ethylbenzene		1	mg/L	0.100	0.0872	87	80 - 120	2013-09-03
Xylene		1	mg/L	0.300	0.269	90	80 - 120	2013-09-03

Appendix

Report Definitions

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

Laboratory Certifications

C	Certifying Authority	Certification Number	Laboratory Location
-	NCTRCA	WFWB384444Y0909	TraceAnalysis
-	DBE	VN 20657	TraceAnalysis
-	HUB	1752439743100-86536	TraceAnalysis
-	WBE	237019	TraceAnalysis
1	NELAP	T104704219-13-9	Lubbock
2	NELAP	T104704392-12-4	Midland

Standard Flags

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

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
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1 (800) 378-1296

5002 Basin Street, Suite A1
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Fax (432) 689-6313

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

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

Company Name:	NOVA	Phone #:	432 520 7720
Address:	(Street, City, Zip) 2057 COMMERCE DRIVE	Fax #:	
Contact Person:	CAMILLE BRYANT	E-mail:	
Invoice to:			
(If different from above)			
Project #:		Project Name:	SPS-11
Project Location (including state):	NEW MEXICO	Sampler Signature:	

[illegible]

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Company:	OBS	COR
JAMES C. EMERY	8/22/13	6:24	[Signature]	9/22/13	8:21	T.D.	INST _____ OBS _____ COR _____	_____
Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Company:	INST _____ OBS _____ COR _____	_____
Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Company:	INST _____ OBS _____ COR _____	_____

LAB USE ONLY						REMARKS:
Instr.	Y	T	N			
Headspace Y / N/A						
Dry Weight Basis Required	☐	☒ Y	☐ N	☐	☐	
TRRP Report Required	☐	☐	☐	☐	☐	
Check if Special Reporting Limits Are Needed	☐	☐	☐	☐	☐	
Log-in-Review	☐	☐	☐	☐	☐	
TPH 8015 GRO / DRO / TVHC						
PAH 8270 / 625						
Total Metals Ag As Ba Cd Cr Pb Se Hg 6010/200.7						
TCLP Volatiles						
TCLP Semi Volatiles						
TCLP Pesticides						
RCI						
GC/MS Vol. 8260 / 624						
GC/MS Seml. Vol. 8270 / 625						
PCB's 8082 / 608						
Pesticides 8081 / 608						
BOD, TSS, pH						
Moisture Content						
Cl, F, SO ₄ , NO ₃ -N, NO ₂ -N, PO ₄ -P, Alkalinity						
Na, Ca, Mg, K, TDS, EC						
Turn Around Time if different from standard						
Hold						

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

ORIGINAL COPY

Carrier #

TraceAnalysis, Inc.

email: lab@traceanalysis.com

6701 Aberdeen Avenue, Suite 9
Lubbock, Texas 79424
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BioAquatic Testing
2501 Mayes Rd., Ste 100
Carrollton, Texas 75006
Tel (972) 242-7750

Company Name: NOVA
Address: (Street, City, Zip)
2057 COMMERCE DRIVE
Contact Person: CAMILLE BRYANT
Invoice to:
(If different from above)
Project #:

Phone #: 432 520 7720
Fax #:
E-mail:
Project Name: SPS-11
Sampler Signature: *[Signature]*

Project Location (including state): NEW MEXICO

Project Location (including state): NEW MEXICO		Sampler Signature: 										SAMPLING		Turn Around Time if different													
LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX				PRESERVATIVE METHOD				DATE		TIME	RCI	GC/MS Vol. 8260 / 624	GC/MS Semi. Vol. 8270 / 608	PCB's 8082 / 608	Pesticides 8081 / 608	BOD, TSS, pH	Moisture Content	Cl, F, SO ₄ , NO ₃ -N, NO ₂ -N, Ca, Mg, K, TDS, EC	Hold				
				WATER	SOIL	AIR	SLUDGE	HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE	NONE														
389	MW-12	3	VOL	X				X			X			8/24/13	1325												
390	MW-17														1337												
391	MW-35														1348												
392	MW-16														1411												
393	MW-9														1413												
394	MW-28														1436												
395	MW-26														1438												
396	MW-29														1451												
397	MW-32														1456												
398	MW-14														1515												

Relinquished by: JAMES GENTRY	Company: NOVA	Date: 8/24/13	Time: 8:21	Received by: <i>[Signature]</i>	Company: TA	Date: 8/24/13	Time: 8:21	INST: 1121	Time: 1121	REMARKS:
Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST: OBS: COR:	Time: INST: OBS: COR:	LAB USE ONLY
Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST: OBS: COR:	Time: INST: OBS: COR:	LAB USE ONLY

Indict Y / N
HeatSpace Y / N / NA
Log-in-Review
Dry Weight Basis Required
TRRP Report Required
Check If Special Reporting Limits Are Needed

Summary Report

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

Report Date: November 25, 2013

Work Order: 13111308



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

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
346417	MW-13	water	2013-11-11	13:18	2013-11-13
346418	MW-18	water	2013-11-11	13:35	2013-11-13
346419	MW-19	water	2013-11-11	13:38	2013-11-13
346420	MW-2	water	2013-11-11	14:02	2013-11-13
346421	MW-21	water	2013-11-11	14:40	2013-11-13
346422	MW-23	water	2013-11-11	14:21	2013-11-13
346423	MW-25	water	2013-11-11	14:05	2013-11-13
346424	MW-3	water	2013-11-11	14:20	2013-11-13
346425	MW-30	water	2013-11-11	15:00	2013-11-13
346426	MW-31	water	2013-11-11	15:03	2013-11-13
346427	MW-33	water	2013-11-11	15:20	2013-11-13
346428	MW-34	water	2013-11-11	15:23	2013-11-13
346429	MW-36	water	2013-11-11	15:39	2013-11-13
346430	MW-37	water	2013-11-11	15:42	2013-11-13
346431	MW-38	water	2013-11-11	15:52	2013-11-13
346432	MW-39	water	2013-11-12	11:47	2013-11-13
346433	MW-40	water	2013-11-12	12:00	2013-11-13
346434	MW-6	water	2013-11-12	11:10	2013-11-13
346435	MW-10	water	2013-11-12	11:39	2013-11-13
346436	MW-24	water	2013-11-12	11:22	2013-11-13
346437	MW-12	water	2013-11-12	10:45	2013-11-13
346438	MW-35	water	2013-11-12	12:05	2013-11-13
346439	MW-17	water	2013-11-12	12:17	2013-11-13
346440	MW-15	water	2013-11-12	12:30	2013-11-13
346441	MW-9	water	2013-11-12	12:46	2013-11-13
346442	MW-16	water	2013-11-12	13:37	2013-11-13
346443	MW-28	water	2013-11-12	14:05	2013-11-13
346444	MW-29	water	2013-11-12	14:25	2013-11-13
346445	MW-26	water	2013-11-12	14:36	2013-11-13
346446	MW-32	water	2013-11-12	14:47	2013-11-13

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
346447	MW-14	water	2013-11-12	15:04	2013-11-13

Sample - Field Code	BTEX			
	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)
346417 - MW-13	<0.00500	<0.00500	<0.00500	<0.0150
346418 - MW-18	<0.00500	<0.00500	<0.00500	<0.0150
346419 - MW-19	<0.00100	<0.00100	<0.00100	<0.00300
346420 - MW-2	<0.00100	<0.00100	<0.00100	<0.00300
346421 - MW-21	<0.00100	<0.00100	<0.00100	<0.00300
346422 - MW-23	<0.00100	<0.00100	<0.00100	<0.00300
346423 - MW-25	<0.00100	<0.00100	<0.00100	<0.00300
346424 - MW-3	<0.00100	<0.00100	<0.00100	<0.00300
346425 - MW-30	<0.00500 ¹	<0.00500	<0.00500	<0.0150
346426 - MW-31	<0.00100	<0.00100	<0.00100	<0.00300
346427 - MW-33	<0.00100	<0.00100	<0.00100	<0.00300
346428 - MW-34	<0.00100	<0.00100	<0.00100	<0.00300
346429 - MW-36	<0.00100	<0.00100	<0.00100	<0.00300
346430 - MW-37	<0.00100	<0.00100	<0.00100	<0.00300
346431 - MW-38	<0.00100	<0.00100	<0.00100	<0.00300
346432 - MW-39	<0.00100	<0.00100	<0.00100	<0.00300
346433 - MW-40	<0.00100	<0.00100	<0.00100	<0.00300
346434 - MW-6	<0.00100	<0.00100	<0.00100	<0.00300
346435 - MW-10	<0.00100	<0.00100	<0.00100	<0.00300
346436 - MW-24	<0.00100	<0.00100	<0.00100	<0.00300
346437 - MW-12	<0.00100	<0.00100	<0.00100	<0.00300
346438 - MW-35	<0.00100	<0.00100	0.00230	<0.00300
346439 - MW-17	0.00270	<0.00100	<0.00100	<0.00300
346440 - MW-15	<0.00100	<0.00100	<0.00100	<0.00300
346441 - MW-9	0.00400	<0.00100	<0.00100	<0.00300
346442 - MW-16	<0.00100	<0.00100	<0.00100	<0.00300
346443 - MW-28	0.0962	<0.00100	0.0186	<0.00300
346444 - MW-29	0.321	<0.00100	0.00720	<0.00300
346445 - MW-26	0.234	0.0300	0.0808	0.0231
346446 - MW-32	1.01 _{Qr,Qs}	<0.0500 _{Qr,Qs}	0.0837 _{Qr,Qs}	<0.150 _{Qr,Qs}
346447 - MW-14	2.34	<0.0500	<0.0500	<0.0500

Sample: 346447 - MW-14

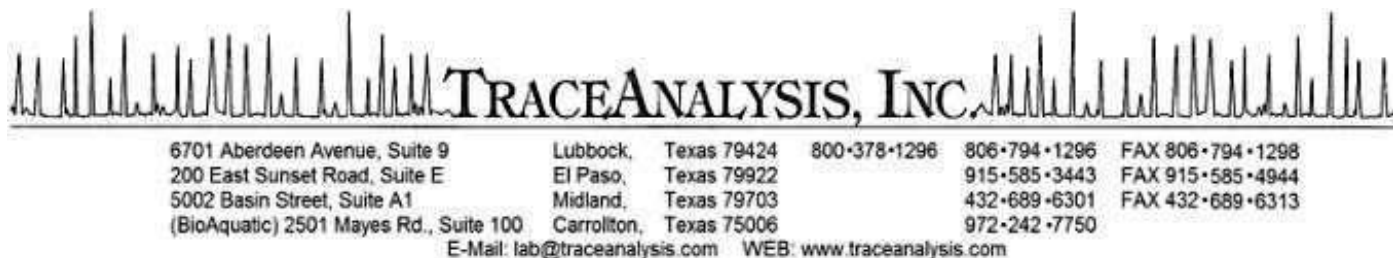
Param	Flag	Result	Units	RL
Naphthalene	Qs	0.0406	mg/L	0.0002
2-Methylnaphthalene	Qr,Qs	<0.000200	mg/L	0.0002
1-Methylnaphthalene		<0.000200	mg/L	0.0002
Acenaphthylene	Qs	<0.000200	mg/L	0.0002
Acenaphthene	Qs	<0.000200	mg/L	0.0002
Dibenzofuran	Qs	<0.000200	mg/L	0.0002
Fluorene	Qs	<0.000200	mg/L	0.0002
Anthracene	Qr,Qs	0.00560	mg/L	0.0002

continued ...

¹Sample dilution due to excess soil in VOA.

sample 346447 continued ...

Param	Flag	Result	Units	RL
Phenanthrene	Q _S	0.00677	mg/L	0.0002
Fluoranthene	Q _r , Q _S	<0.000200	mg/L	0.0002
Pyrene	Q _S	<0.000200	mg/L	0.0002
Benzo(a)anthracene	Q _S	0.0185	mg/L	0.0002
Chrysene	Q _S	0.00540	mg/L	0.0002
Benzo(b)fluoranthene	Q _r , Q _S	<0.000200	mg/L	0.0002
Benzo(k)fluoranthene	Q _S	<0.000200	mg/L	0.0002
Benzo(a)pyrene	Q _S	<0.000200	mg/L	0.0002
Indeno(1,2,3-cd)pyrene	Q _S	<0.000200	mg/L	0.0002
Dibenzo(a,h)anthracene	Q _r , Q _S	<0.000200	mg/L	0.0002
Benzo(g,h,i)perylene	Q _S	<0.000200	mg/L	0.0002



Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

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

Report Date: November 25, 2013

Work Order: 13111308



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

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

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
346417	MW-13	water	2013-11-11	13:18	2013-11-13
346418	MW-18	water	2013-11-11	13:35	2013-11-13
346419	MW-19	water	2013-11-11	13:38	2013-11-13
346420	MW-2	water	2013-11-11	14:02	2013-11-13
346421	MW-21	water	2013-11-11	14:40	2013-11-13
346422	MW-23	water	2013-11-11	14:21	2013-11-13
346423	MW-25	water	2013-11-11	14:05	2013-11-13
346424	MW-3	water	2013-11-11	14:20	2013-11-13
346425	MW-30	water	2013-11-11	15:00	2013-11-13
346426	MW-31	water	2013-11-11	15:03	2013-11-13
346427	MW-33	water	2013-11-11	15:20	2013-11-13
346428	MW-34	water	2013-11-11	15:23	2013-11-13
346429	MW-36	water	2013-11-11	15:39	2013-11-13
346430	MW-37	water	2013-11-11	15:42	2013-11-13
346431	MW-38	water	2013-11-11	15:52	2013-11-13
346432	MW-39	water	2013-11-12	11:47	2013-11-13
346433	MW-40	water	2013-11-12	12:00	2013-11-13
346434	MW-6	water	2013-11-12	11:10	2013-11-13

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
346435	MW-10	water	2013-11-12	11:39	2013-11-13
346436	MW-24	water	2013-11-12	11:22	2013-11-13
346437	MW-12	water	2013-11-12	10:45	2013-11-13
346438	MW-35	water	2013-11-12	12:05	2013-11-13
346439	MW-17	water	2013-11-12	12:17	2013-11-13
346440	MW-15	water	2013-11-12	12:30	2013-11-13
346441	MW-9	water	2013-11-12	12:46	2013-11-13
346442	MW-16	water	2013-11-12	13:37	2013-11-13
346443	MW-28	water	2013-11-12	14:05	2013-11-13
346444	MW-29	water	2013-11-12	14:25	2013-11-13
346445	MW-26	water	2013-11-12	14:36	2013-11-13
346446	MW-32	water	2013-11-12	14:47	2013-11-13
346447	MW-14	water	2013-11-12	15:04	2013-11-13

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

This report consists of a total of 40 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.



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

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Case Narrative

Samples for project SPS 11 were received by TraceAnalysis, Inc. on 2013-11-13 and assigned to work order 13111308. Samples for work order 13111308 were received intact without headspace and at a temperature of 2.8 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	90393	2013-11-13 at 11:09	106761	2013-11-13 at 19:52
BTEX	S 8021B	90463	2013-11-18 at 08:33	106878	2013-11-19 at 09:00
BTEX	S 8021B	90464	2013-11-18 at 09:22	106864	2013-11-19 at 05:00
BTEX	S 8021B	90494	2013-11-19 at 10:50	106930	2013-11-20 at 15:25
PAH	S 8270D	90640	2013-11-14 at 15:00	107051	2013-11-25 at 15:02

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 13111308 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: 346417 - MW-13

Laboratory: Midland
Analysis: BTEX
QC Batch: 106761
Prep Batch: 90393

Analytical Method: S 8021B
Date Analyzed: 2013-11-13
Sample Preparation: 2013-11-13

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

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	U	2	<0.00500	mg/L	5	0.00100
Toluene		2	<0.00500	mg/L	5	0.00100
Ethylbenzene	U	2	<0.00500	mg/L	5	0.00100
Xylene	U	2	<0.0150	mg/L	5	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.432	mg/L	5	0.500	86	70 - 130
4-Bromofluorobenzene (4-BFB)			0.371	mg/L	5	0.500	74	70 - 130

Sample: 346418 - MW-18

Laboratory: Midland
Analysis: BTEX
QC Batch: 106761
Prep Batch: 90393

Analytical Method: S 8021B
Date Analyzed: 2013-11-13
Sample Preparation: 2013-11-13

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

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	U	2	<0.00500	mg/L	5	0.00100
Toluene	U	2	<0.00500	mg/L	5	0.00100
Ethylbenzene	U	2	<0.00500	mg/L	5	0.00100
Xylene	U	2	<0.0150	mg/L	5	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.412	mg/L	5	0.500	82	70 - 130
4-Bromofluorobenzene (4-BFB)			0.370	mg/L	5	0.500	74	70 - 130

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Sample: 346419 - MW-19

Laboratory: Midland

Analysis: BTEX

QC Batch: 106761

Prep Batch: 90393

Analytical Method: S 8021B

Date Analyzed: 2013-11-13

Sample Preparation: 2013-11-13

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0871	mg/L	1	0.100	87	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0731	mg/L	1	0.100	73	70 - 130

Sample: 346420 - MW-2

Laboratory: Midland

Analysis: BTEX

QC Batch: 106761

Prep Batch: 90393

Analytical Method: S 8021B

Date Analyzed: 2013-11-13

Sample Preparation: 2013-11-13

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0846	mg/L	1	0.100	85	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0734	mg/L	1	0.100	73	70 - 130

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Sample: 346421 - MW-21

Laboratory: Midland

Analysis: BTEX

QC Batch: 106761

Prep Batch: 90393

Analytical Method: S 8021B

Date Analyzed: 2013-11-13

Sample Preparation: 2013-11-13

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0817	mg/L	1	0.100	82	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0727	mg/L	1	0.100	73	70 - 130

Sample: 346422 - MW-23

Laboratory: Midland

Analysis: BTEX

QC Batch: 106761

Prep Batch: 90393

Analytical Method: S 8021B

Date Analyzed: 2013-11-13

Sample Preparation: 2013-11-13

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0802	mg/L	1	0.100	80	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0707	mg/L	1	0.100	71	70 - 130

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Sample: 346423 - MW-25

Laboratory: Midland

Analysis: BTEX

QC Batch: 106761

Prep Batch: 90393

Analytical Method: S 8021B

Date Analyzed: 2013-11-13

Sample Preparation: 2013-11-13

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0821	mg/L	1	0.100	82	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0712	mg/L	1	0.100	71	70 - 130

Sample: 346424 - MW-3

Laboratory: Midland

Analysis: BTEX

QC Batch: 106761

Prep Batch: 90393

Analytical Method: S 8021B

Date Analyzed: 2013-11-13

Sample Preparation: 2013-11-13

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0821	mg/L	1	0.100	82	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0719	mg/L	1	0.100	72	70 - 130

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Sample: 346425 - MW-30

Laboratory: Midland

Analysis: BTEX

QC Batch: 106878

Prep Batch: 90463

Analytical Method: S 8021B

Date Analyzed: 2013-11-19

Sample Preparation: 2013-11-18

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	U	2	<0.00500	mg/L	5	0.00100
Toluene	U	2	<0.00500	mg/L	5	0.00100
Ethylbenzene	U	2	<0.00500	mg/L	5	0.00100
Xylene	U	2	<0.0150	mg/L	5	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.371	mg/L	5	0.500	74	70 - 130
4-Bromofluorobenzene (4-BFB)			0.352	mg/L	5	0.500	70	70 - 130

Sample: 346426 - MW-31

Laboratory: Midland

Analysis: BTEX

QC Batch: 106878

Prep Batch: 90463

Analytical Method: S 8021B

Date Analyzed: 2013-11-19

Sample Preparation: 2013-11-18

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0777	mg/L	1	0.100	78	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0712	mg/L	1	0.100	71	70 - 130

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Sample: 346427 - MW-33

Laboratory: Midland

Analysis: BTEX

QC Batch: 106878

Prep Batch: 90463

Analytical Method: S 8021B

Date Analyzed: 2013-11-19

Sample Preparation: 2013-11-18

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0788	mg/L	1	0.100	79	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0719	mg/L	1	0.100	72	70 - 130

Sample: 346428 - MW-34

Laboratory: Midland

Analysis: BTEX

QC Batch: 106878

Prep Batch: 90463

Analytical Method: S 8021B

Date Analyzed: 2013-11-19

Sample Preparation: 2013-11-18

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0785	mg/L	1	0.100	78	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0717	mg/L	1	0.100	72	70 - 130

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Sample: 346429 - MW-36

Laboratory: Midland

Analysis: BTEX

QC Batch: 106878

Prep Batch: 90463

Analytical Method: S 8021B

Date Analyzed: 2013-11-19

Sample Preparation: 2013-11-18

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0799	mg/L	1	0.100	80	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0745	mg/L	1	0.100	74	70 - 130

Sample: 346430 - MW-37

Laboratory: Midland

Analysis: BTEX

QC Batch: 106878

Prep Batch: 90463

Analytical Method: S 8021B

Date Analyzed: 2013-11-19

Sample Preparation: 2013-11-18

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0765	mg/L	1	0.100	76	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0709	mg/L	1	0.100	71	70 - 130

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Sample: 346431 - MW-38

Laboratory: Midland

Analysis: BTEX

QC Batch: 106878

Prep Batch: 90463

Analytical Method: S 8021B

Date Analyzed: 2013-11-19

Sample Preparation: 2013-11-18

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0788	mg/L	1	0.100	79	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0703	mg/L	1	0.100	70	70 - 130

Sample: 346432 - MW-39

Laboratory: Midland

Analysis: BTEX

QC Batch: 106878

Prep Batch: 90463

Analytical Method: S 8021B

Date Analyzed: 2013-11-19

Sample Preparation: 2013-11-18

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0785	mg/L	1	0.100	78	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0718	mg/L	1	0.100	72	70 - 130

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Sample: 346433 - MW-40

Laboratory: Midland

Analysis: BTEX

QC Batch: 106878

Prep Batch: 90463

Analytical Method: S 8021B

Date Analyzed: 2013-11-19

Sample Preparation: 2013-11-18

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0774	mg/L	1	0.100	77	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0724	mg/L	1	0.100	72	70 - 130

Sample: 346434 - MW-6

Laboratory: Midland

Analysis: BTEX

QC Batch: 106878

Prep Batch: 90463

Analytical Method: S 8021B

Date Analyzed: 2013-11-19

Sample Preparation: 2013-11-18

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0768	mg/L	1	0.100	77	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0713	mg/L	1	0.100	71	70 - 130

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Sample: 346435 - MW-10

Laboratory: Midland

Analysis: BTEX

QC Batch: 106878

Prep Batch: 90463

Analytical Method: S 8021B

Date Analyzed: 2013-11-19

Sample Preparation: 2013-11-18

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0782	mg/L	1	0.100	78	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0734	mg/L	1	0.100	73	70 - 130

Sample: 346436 - MW-24

Laboratory: Midland

Analysis: BTEX

QC Batch: 106878

Prep Batch: 90463

Analytical Method: S 8021B

Date Analyzed: 2013-11-19

Sample Preparation: 2013-11-18

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0754	mg/L	1	0.100	75	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0734	mg/L	1	0.100	73	70 - 130

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Sample: 346437 - MW-12

Laboratory: Midland

Analysis: BTEX

QC Batch: 106878

Prep Batch: 90463

Analytical Method: S 8021B

Date Analyzed: 2013-11-19

Sample Preparation: 2013-11-18

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0787	mg/L	1	0.100	79	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0734	mg/L	1	0.100	73	70 - 130

Sample: 346438 - MW-35

Laboratory: Midland

Analysis: BTEX

QC Batch: 106878

Prep Batch: 90463

Analytical Method: S 8021B

Date Analyzed: 2013-11-19

Sample Preparation: 2013-11-18

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	U	2	<0.00100	mg/L	1	0.00100
Toluene	U	2	<0.00100	mg/L	1	0.00100
Ethylbenzene		2	0.00230	mg/L	1	0.00100
Xylene	U	2	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0776	mg/L	1	0.100	78	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0837	mg/L	1	0.100	84	70 - 130

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Sample: 346439 - MW-17

Laboratory: Midland

Analysis: BTEX

QC Batch: 106878

Prep Batch: 90463

Analytical Method: S 8021B

Date Analyzed: 2013-11-19

Sample Preparation: 2013-11-18

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		2	0.00270	mg/L	1	0.00100
Toluene	U	2	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	2	<0.00100	mg/L	1	0.00100
Xylene	U	2	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0775	mg/L	1	0.100	78	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0719	mg/L	1	0.100	72	70 - 130

Sample: 346440 - MW-15

Laboratory: Midland

Analysis: BTEX

QC Batch: 106878

Prep Batch: 90463

Analytical Method: S 8021B

Date Analyzed: 2013-11-19

Sample Preparation: 2013-11-18

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0772	mg/L	1	0.100	77	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0716	mg/L	1	0.100	72	70 - 130

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Sample: 346441 - MW-9

Laboratory: Midland

Analysis: BTEX

QC Batch: 106878

Prep Batch: 90463

Analytical Method: S 8021B

Date Analyzed: 2013-11-19

Sample Preparation: 2013-11-18

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		2	0.00400	mg/L	1	0.00100
Toluene	U	2	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	2	<0.00100	mg/L	1	0.00100
Xylene	U	2	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0740	mg/L	1	0.100	74	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0716	mg/L	1	0.100	72	70 - 130

Sample: 346442 - MW-16

Laboratory: Midland

Analysis: BTEX

QC Batch: 106878

Prep Batch: 90463

Analytical Method: S 8021B

Date Analyzed: 2013-11-19

Sample Preparation: 2013-11-18

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0758	mg/L	1	0.100	76	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0717	mg/L	1	0.100	72	70 - 130

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Sample: 346443 - MW-28

Laboratory: Midland

Analysis: BTEX

QC Batch: 106878

Prep Batch: 90463

Analytical Method: S 8021B

Date Analyzed: 2013-11-19

Sample Preparation: 2013-11-18

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		2	0.0962	mg/L	1	0.00100
Toluene	U	2	<0.00100	mg/L	1	0.00100
Ethylbenzene		2	0.0186	mg/L	1	0.00100
Xylene		2	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0760	mg/L	1	0.100	76	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0835	mg/L	1	0.100	84	70 - 130

Sample: 346444 - MW-29

Laboratory: Midland

Analysis: BTEX

QC Batch: 106878

Prep Batch: 90463

Analytical Method: S 8021B

Date Analyzed: 2013-11-19

Sample Preparation: 2013-11-18

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		2	0.321	mg/L	1	0.00100
Toluene	U	2	<0.00100	mg/L	1	0.00100
Ethylbenzene		2	0.00720	mg/L	1	0.00100
Xylene	U	2	<0.00300	mg/L	1	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0797	mg/L	1	0.100	80	70 - 130
4-Bromofluorobenzene (4-BFB)			0.107	mg/L	1	0.100	107	70 - 130

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Sample: 346445 - MW-26

Laboratory: Midland

Analysis: BTEX

QC Batch: 106864

Prep Batch: 90464

Analytical Method: S 8021B

Date Analyzed: 2013-11-19

Sample Preparation: 2013-11-18

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		2	0.234	mg/L	1	0.00100
Toluene		2	0.0300	mg/L	1	0.00100
Ethylbenzene		2	0.0808	mg/L	1	0.00100
Xylene		2	0.0231	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.104	mg/L	1	0.100	104	70 - 130
4-Bromofluorobenzene (4-BFB)			0.106	mg/L	1	0.100	106	70 - 130

Sample: 346446 - MW-32

Laboratory: Midland

Analysis: BTEX

QC Batch: 106930

Prep Batch: 90494

Analytical Method: S 8021B

Date Analyzed: 2013-11-20

Sample Preparation: 2013-11-19

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qr, Qs	2	1.01	mg/L	50	0.00100
Toluene	Qr, Qs	2	<0.0500	mg/L	50	0.00100
Ethylbenzene	Qr, Qs	2	0.0837	mg/L	50	0.00100
Xylene	Qr, Qs, U	2	<0.150	mg/L	50	0.00300

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			4.73	mg/L	50	5.00	95	70 - 130
4-Bromofluorobenzene (4-BFB)			4.39	mg/L	50	5.00	88	70 - 130

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Sample: 346447 - MW-14

Laboratory: Midland

Analysis: BTEX

QC Batch: 106864

Prep Batch: 90464

Analytical Method: S 8021B

Date Analyzed: 2013-11-19

Sample Preparation: 2013-11-18

Prep Method: S 5030B

Analyzed By: AK

Prepared By: AK

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	Q _{sr}	Q _{sr}	5.13	mg/L	50	0.100	5130	70 - 130
4-Bromofluorobenzene (4-BFB)	Q _{sr}	Q _{sr}	4.73	mg/L	50	0.100	4730	70 - 130

Sample: 346447 - MW-14

Laboratory: Lubbock

Analysis: PAH

QC Batch: 107051

Prep Batch: 90640

Analytical Method: S 8270D

Date Analyzed: 2013-11-25

Sample Preparation: 2013-11-14

Prep Method: S 3510C

Analyzed By: MN

Prepared By: MN

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Naphthalene	Q _s	1	0.0406	mg/L	1	0.000200
2-Methylnaphthalene	Q _r , Q _s , U	1	<0.000200	mg/L	1	0.000200
1-Methylnaphthalene	U		<0.000200	mg/L	1	0.000200
Acenaphthylene	Q _s , U	1	<0.000200	mg/L	1	0.000200
Acenaphthene	Q _s , U	1	<0.000200	mg/L	1	0.000200
Dibenzofuran	Q _s , U	1	<0.000200	mg/L	1	0.000200
Fluorene	Q _s , U	1	<0.000200	mg/L	1	0.000200
Anthracene	B, Q _r , Q _s	1	0.00560	mg/L	1	0.000200
Phenanthrene	B, Q _s	1	0.00677	mg/L	1	0.000200
Fluoranthene	Q _r , Q _s , U	1	<0.000200	mg/L	1	0.000200
Pyrene	Q _s , U	1	<0.000200	mg/L	1	0.000200
Benzo(a)anthracene	B, Q _s	1	0.0185	mg/L	1	0.000200
Chrysene	B, Q _s	1	0.00540	mg/L	1	0.000200
Benzo(b)fluoranthene	Q _r , Q _s , U	1	<0.000200	mg/L	1	0.000200
Benzo(k)fluoranthene	Q _s , U	1	<0.000200	mg/L	1	0.000200
Benzo(a)pyrene	Q _s , U	1	<0.000200	mg/L	1	0.000200
Indeno(1,2,3-cd)pyrene	Q _s , U	1	<0.000200	mg/L	1	0.000200
Dibenzo(a,h)anthracene	Q _r , Q _s , U	1	<0.000200	mg/L	1	0.000200

continued ...

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sample 346447 continued ...

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzo(g,h,i)perylene	Q _{S,U}	1	<0.000200	mg/L	1	0.000200

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5	Q _{sr}	Q _{sr}	0.916	mg/L	1	0.800	114	40 - 110
2-Fluorobiphenyl	Q _{sr}	Q _{sr}	3.22	mg/L	1	0.800	402	50 - 110
Terphenyl-d14			0.948	mg/L	1	0.800	118	50 - 135

Method Blanks

Method Blank (1) QC Batch: 106761

QC Batch: 106761 Date Analyzed: 2013-11-13 Analyzed By: AK
Prep Batch: 90393 QC Preparation: 2013-11-13 Prepared By: AK

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0847	mg/L	1	0.100	85	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0749	mg/L	1	0.100	75	70 - 130

Method Blank (1) QC Batch: 106864

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

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

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

Method Blank (1) QC Batch: 106878

QC Batch: 106878 Date Analyzed: 2013-11-19 Analyzed By: AK
Prep Batch: 90463 QC Preparation: 2013-11-18 Prepared By: AK

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0767	mg/L	1	0.100	77	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0712	mg/L	1	0.100	71	70 - 130

Method Blank (1) QC Batch: 106930

QC Batch: 106930
Prep Batch: 90494

Date Analyzed: 2013-11-20
QC Preparation: 2013-11-19

Analyzed By: AK
Prepared By: AK

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

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

Method Blank (1) QC Batch: 107051

QC Batch: 107051
Prep Batch: 90640

Date Analyzed: 2013-11-25
QC Preparation: 2013-11-14

Analyzed By: MN
Prepared By: MN

Parameter	Flag	Cert	MDL Result	Units	RL
Naphthalene		1	<0.000121	mg/L	0.0002
2-Methylnaphthalene		1	<0.0000913	mg/L	0.0002
1-Methylnaphthalene			0.00200	mg/L	0.0002
Acenaphthylene		1	0.00677	mg/L	0.0002

continued ...

method blank continued ...

Parameter	Flag	Cert	MDL Result	Units	RL
Acenaphthene		1	<0.000122	mg/L	0.0002
Dibenzofuran		1	<0.000108	mg/L	0.0002
Fluorene		1	0.00663	mg/L	0.0002
Anthracene		1	0.00417	mg/L	0.0002
Phenanthrene		1	0.00387	mg/L	0.0002
Fluoranthene		1	<0.000124	mg/L	0.0002
Pyrene		1	0.00500	mg/L	0.0002
Benzo(a)anthracene		1	0.00775	mg/L	0.0002
Chrysene		1	0.00718	mg/L	0.0002
Benzo(b)fluoranthene		1	0.0124	mg/L	0.0002
Benzo(k)fluoranthene		1	0.0100	mg/L	0.0002
Benzo(a)pyrene		1	<0.0000701	mg/L	0.0002
Indeno(1,2,3-cd)pyrene		1	0.0156	mg/L	0.0002
Dibenzo(a,h)anthracene		1	<0.0000851	mg/L	0.0002
Benzo(g,h,i)perylene		1	0.0171	mg/L	0.0002

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5			0.389	mg/L	1	0.800	49	40 - 110
2-Fluorobiphenyl	Q _{sr}	Q _{sr}	1.52	mg/L	1	0.800	190	50 - 110
Terphenyl-d14			0.511	mg/L	1	0.800	64	50 - 135

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 106761
Prep Batch: 90393

Date Analyzed: 2013-11-13
QC Preparation: 2013-11-13

Analyzed By: AK
Prepared By: AK

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		2	0.0848	mg/L	1	0.100	<0.000600	85	70 - 130
Toluene		2	0.0830	mg/L	1	0.100	<0.000400	83	70 - 130
Ethylbenzene		2	0.0823	mg/L	1	0.100	<0.000600	82	70 - 130
Xylene		2	0.248	mg/L	1	0.300	<0.00130	83	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		2	0.0885	mg/L	1	0.100	<0.000600	88	70 - 130	4	20
Toluene		2	0.0871	mg/L	1	0.100	<0.000400	87	70 - 130	5	20
Ethylbenzene		2	0.0860	mg/L	1	0.100	<0.000600	86	70 - 130	4	20
Xylene		2	0.259	mg/L	1	0.300	<0.00130	86	70 - 130	4	20

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

Surrogate	LCS Result	LCS Result	Units	Dil.	Spike Amount	LCS Rec.	LCS Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0873	0.0888	mg/L	1	0.100	87	89	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0913	0.0899	mg/L	1	0.100	91	90	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 106864
Prep Batch: 90464

Date Analyzed: 2013-11-19
QC Preparation: 2013-11-18

Analyzed By: AK
Prepared By: AK

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

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

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Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		2	0.0988	mg/L	1	0.100	<0.000200	99	70 - 130	4	20
Toluene		2	0.0983	mg/L	1	0.100	<0.000300	98	70 - 130	4	20
Ethylbenzene		2	0.0950	mg/L	1	0.100	<0.000400	95	70 - 130	3	20
Xylene		2	0.287	mg/L	1	0.300	<0.00120	96	70 - 130	4	20

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

Surrogate	LCS Result	LCS Result	Units	Dil.	Spike Amount	LCS Rec.	LCS Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0985	0.100	mg/L	1	0.100	98	100	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0931	0.0947	mg/L	1	0.100	93	95	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 106878
Prep Batch: 90463

Date Analyzed: 2013-11-19
QC Preparation: 2013-11-18

Analyzed By: AK
Prepared By: AK

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		2	0.0818	mg/L	1	0.100	<0.000600	82	70 - 130
Toluene		2	0.0813	mg/L	1	0.100	<0.000400	81	70 - 130
Ethylbenzene		2	0.0801	mg/L	1	0.100	<0.000600	80	70 - 130
Xylene		2	0.241	mg/L	1	0.300	<0.00130	80	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		2	0.0822	mg/L	1	0.100	<0.000600	82	70 - 130	0	20
Toluene		2	0.0814	mg/L	1	0.100	<0.000400	81	70 - 130	0	20
Ethylbenzene		2	0.0804	mg/L	1	0.100	<0.000600	80	70 - 130	0	20
Xylene		2	0.242	mg/L	1	0.300	<0.00130	81	70 - 130	0	20

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

Surrogate	LCS Result	LCS Result	Units	Dil.	Spike Amount	LCS Rec.	LCS Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0800	0.0819	mg/L	1	0.100	80	82	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0868	0.0875	mg/L	1	0.100	87	88	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 106930
Prep Batch: 90494

Date Analyzed: 2013-11-20
QC Preparation: 2013-11-19

Analyzed By: AK
Prepared By: AK

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

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

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

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

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.101	0.102	mg/L	1	0.100	101	102	70 - 130
4-Bromofluorobenzene (4-BFB)	0.105	0.105	mg/L	1	0.100	105	105	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 107051
Prep Batch: 90640

Date Analyzed: 2013-11-25
QC Preparation: 2013-11-14

Analyzed By: MN
Prepared By: MN

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	
Naphthalene			1	0.660	mg/L	1	0.800	<0.000121	82	40 - 100
2-Methylnaphthalene	Qs	Qs	1	0.0202	mg/L	1	0.800	<0.0000913	2	45 - 105
1-Methylnaphthalene				0.659	mg/L	1	0.800	0.002	82	34.3 - 120
Acenaphthylene	Qs	Qs	1	3.42	mg/L	1	0.800	0.00677	427	55 - 105
Acenaphthene	Qs	Qs	1	2.84	mg/L	1	0.800	<0.000122	355	45 - 110
Dibenzofuran	Qs	Qs	1	0.353	mg/L	1	0.800	<0.000108	44	55 - 105
Fluorene	Qs	Qs	1	2.83	mg/L	1	0.800	0.00663	353	50 - 110
Anthracene			1	0.822	mg/L	1	0.800	0.00417	102	55 - 110
Phenanthrene			1	0.901	mg/L	1	0.800	0.00387	112	50 - 115
Fluoranthene			1	0.780	mg/L	1	0.800	<0.000124	98	55 - 115

continued ...

control spikes continued . . .

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Pyrene		1	0.581	mg/L	1	0.800	0.005	72	50 - 130
Benzo(a)anthracene		1	0.691	mg/L	1	0.800	0.00775	85	55 - 110
Chrysene		1	0.586	mg/L	1	0.800	0.00718	72	55 - 110
Benzo(b)fluoranthene		1	0.786	mg/L	1	0.800	0.0124	97	45 - 120
Benzo(k)fluoranthene		1	0.627	mg/L	1	0.800	0.01	77	45 - 125
Benzo(a)pyrene		1	0.795	mg/L	1	0.800	<0.0000701	99	55 - 110
Indeno(1,2,3-cd)pyrene		1	0.682	mg/L	1	0.800	0.0156	83	45 - 125
Dibenzo(a,h)anthracene		1	0.598	mg/L	1	0.800	<0.0000851	75	40 - 125
Benzo(g,h,i)perylene		1	0.688	mg/L	1	0.800	0.0171	84	40 - 125

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

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Naphthalene		1	0.678	mg/L	1	0.800	<0.000121	85	40 - 100	3	20
2-Methylnaphthalene	Q _r , Q _s	Q _r , Q _s	0.0362	mg/L	1	0.800	<0.0000913	4	45 - 105	57	20
1-Methylnaphthalene			0.714	mg/L	1	0.800	0.002	89	34.3 - 120	8	20
Acenaphthylene	Q _s	Q _s	4.00	mg/L	1	0.800	0.00677	499	55 - 105	16	20
Acenaphthene	Q _s	Q _s	2.92	mg/L	1	0.800	<0.000122	365	45 - 110	3	20
Dibenzofuran	Q _s	Q _s	0.348	mg/L	1	0.800	<0.000108	44	55 - 105	1	20
Fluorene	Q _s	Q _s	3.16	mg/L	1	0.800	0.00663	394	50 - 110	11	20
Anthracene		1	0.833	mg/L	1	0.800	0.00417	104	55 - 110	1	20
Phenanthrene		1	0.916	mg/L	1	0.800	0.00387	114	50 - 115	2	20
Fluoranthene		1	0.752	mg/L	1	0.800	<0.000124	94	55 - 115	4	20
Pyrene		1	0.571	mg/L	1	0.800	0.005	71	50 - 130	2	20
Benzo(a)anthracene		1	0.689	mg/L	1	0.800	0.00775	85	55 - 110	0	20
Chrysene		1	0.584	mg/L	1	0.800	0.00718	72	55 - 110	0	20
Benzo(b)fluoranthene	Q _r	Q _r	0.496	mg/L	1	0.800	0.0124	60	45 - 120	45	20
Benzo(k)fluoranthene		1	0.614	mg/L	1	0.800	0.01	76	45 - 125	2	20
Benzo(a)pyrene		1	0.767	mg/L	1	0.800	<0.0000701	96	55 - 110	4	20
Indeno(1,2,3-cd)pyrene		1	0.661	mg/L	1	0.800	0.0156	81	45 - 125	3	20
Dibenzo(a,h)anthracene		1	0.692	mg/L	1	0.800	<0.0000851	86	40 - 125	15	20
Benzo(g,h,i)perylene		1	0.670	mg/L	1	0.800	0.0171	82	40 - 125	3	20

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

Surrogate			LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Nitrobenzene-d5			0.648	0.656	mg/L	1	0.800	81	82	40 - 110
2-Fluorobiphenyl	Q _{sr}	Q _{sr}	2.79	3.23	mg/L	1	0.800	349	404	50 - 110
Terphenyl-d14			0.629	0.626	mg/L	1	0.800	79	78	50 - 135

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TNM-SPS-11

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SPS 11

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Matrix Spike (MS-1) Spiked Sample:

QC Batch: 106761
Prep Batch: 90393

Date Analyzed: 2013-11-13
QC Preparation: 2013-11-13

Analyzed By: AK
Prepared By: AK

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		2	4.97	mg/L	50	5.00	<0.0300	99	70 - 130
Toluene		2	4.45	mg/L	50	5.00	<0.0200	89	70 - 130
Ethylbenzene		2	4.38	mg/L	50	5.00	<0.0300	88	70 - 130
Xylene		2	13.1	mg/L	50	15.0	<0.0650	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		2	4.95	mg/L	50	5.00	<0.0300	99	70 - 130	0	20
Toluene		2	4.38	mg/L	50	5.00	<0.0200	88	70 - 130	2	20
Ethylbenzene		2	4.30	mg/L	50	5.00	<0.0300	86	70 - 130	2	20
Xylene		2	12.9	mg/L	50	15.0	<0.0650	86	70 - 130	2	20

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

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	4.60	4.41	mg/L	50	5	92	88	70 - 130
4-Bromofluorobenzene (4-BFB)	4.73	4.55	mg/L	50	5	95	91	70 - 130

Matrix Spike (MS-1) Spiked Sample: 346445

QC Batch: 106864
Prep Batch: 90464

Date Analyzed: 2013-11-19
QC Preparation: 2013-11-18

Analyzed By: AK
Prepared By: AK

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

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

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		2	0.346	mg/L	1	0.100	0.234	112	70 - 130	2	20
Toluene		2	0.141	mg/L	1	0.100	0.03	111	70 - 130	9	20

continued ...

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SPS 11

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matrix spikes continued ...

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Ethylbenzene		2	0.186	mg/L	1	0.100	0.0808	105	70 - 130	2	20
Xylene		2	0.325	mg/L	1	0.300	0.0231	101	70 - 130	3	20

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

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0934	0.122	mg/L	1	0.1	93	122	70 - 130
4-Bromofluorobenzene (4-BFB)	0.102	0.104	mg/L	1	0.1	102	104	70 - 130

Matrix Spike (MS-1) Spiked Sample: 346426

QC Batch: 106878
Prep Batch: 90463

Date Analyzed: 2013-11-19
QC Preparation: 2013-11-18

Analyzed By: AK
Prepared By: AK

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		2	0.0830	mg/L	1	0.100	<0.000600	83	70 - 130
Toluene		2	0.0817	mg/L	1	0.100	<0.000400	82	70 - 130
Ethylbenzene		2	0.0806	mg/L	1	0.100	<0.000600	81	70 - 130
Xylene		2	0.242	mg/L	1	0.300	<0.00130	81	70 - 130

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

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		2	0.0844	mg/L	1	0.100	<0.000600	84	70 - 130	2	20
Toluene		2	0.0838	mg/L	1	0.100	<0.000400	84	70 - 130	2	20
Ethylbenzene		2	0.0829	mg/L	1	0.100	<0.000600	83	70 - 130	3	20
Xylene		2	0.250	mg/L	1	0.300	<0.00130	83	70 - 130	3	20

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

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0810	0.0809	mg/L	1	0.1	81	81	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0877	0.0890	mg/L	1	0.1	88	89	70 - 130

Matrix Spike (MS-1) Spiked Sample: 346766

QC Batch: 106930
Prep Batch: 90494

Date Analyzed: 2013-11-20
QC Preparation: 2013-11-19

Analyzed By: AK
Prepared By: AK

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

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

Param				MSD		Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
	F	C	Result	Units								
Benzene	Q _r	Q _r	2	0.0802	mg/L	1	0.100	0.0018	78	70 - 130	40	20
Toluene	Q _r	Q _r	2	0.0774	mg/L	1	0.100	<0.000400	77	70 - 130	44	20
Ethylbenzene	Q _r	Q _r	2	0.0807	mg/L	1	0.100	<0.000600	81	70 - 130	48	20
Xylene	Q _r	Q _r	2	0.245	mg/L	1	0.300	<0.00130	82	70 - 130	48	20

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

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.101	0.101	mg/L	1	0.1	101	101	70 - 130
4-Bromofluorobenzene (4-BFB)	0.100	0.102	mg/L	1	0.1	100	102	70 - 130

Matrix Spike (MS-1) Spiked Sample: 346058

QC Batch: 107051
Prep Batch: 90640

Date Analyzed: 2013-11-25
QC Preparation: 2013-11-14

Analyzed By: MN
Prepared By: MN

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	
Naphthalene	Qs	Qs	1	0.902	mg/L	1	0.800	0.61	36	40 - 100
2-Methylnaphthalene			1	0.446	mg/L	1	0.800	<0.0000913	56	45 - 105
1-Methylnaphthalene				1.82	mg/L	1	0.800	1.21	76	34.3 - 120
Acenaphthylene	Qs	Qs	1	0.188	mg/L	1	0.800	0.213	-3	55 - 105
Acenaphthene	Qs	Qs	1	1.92	mg/L	1	0.800	<0.000122	240	45 - 110
Dibenzofuran	Qs	Qs	1	28.5	mg/L	1	0.800	21.4	888	55 - 105
Fluorene	Qs	Qs	1	0.515	mg/L	1	0.800	0.494	3	50 - 110
Anthracene	Qs	Qs	1	0.135	mg/L	1	0.800	<0.0000791	17	55 - 110
Phenanthrene	Qs	Qs	1	0.444	mg/L	1	0.800	0.388	7	50 - 115
Fluoranthene	Qs	Qs	1	1.05	mg/L	1	0.800	<0.000124	131	55 - 115
Pyrene	Qs	Qs	1	0.170	mg/L	1	0.800	<0.0000691	21	50 - 130
Benzo(a)anthracene	Qs	Qs	1	0.258	mg/L	1	0.800	<0.000101	32	55 - 110
Chrysene	Qs	Qs	1	0.156	mg/L	1	0.800	<0.0000769	20	55 - 110
Benzo(b)fluoranthene	Qs	Qs	1	0.109	mg/L	1	0.800	<0.0000813	14	45 - 120
Benzo(k)fluoranthene	Qs	Qs	1	0.0714	mg/L	1	0.800	<0.0000790	9	45 - 125
Benzo(a)pyrene	Qs	Qs	1	0.103	mg/L	1	0.800	<0.0000701	13	55 - 110

continued ...

matrix spikes continued . . .

Param				MS				Spike	Matrix	Rec.
	F	C		Result	Units	Dil.	Amount	Result	Rec.	Limit
Indeno(1,2,3-cd)pyrene	Q _s	Q _s	1	0.0883	mg/L	1	0.800	0.112	-1	45 - 125
Dibenzo(a,h)anthracene	Q _s	Q _s	1	1.24	mg/L	1	0.800	<0.0000851	155	40 - 125
Benzo(g,h,i)perylene	Q _s	Q _s	1	0.0980	mg/L	1	0.800	<0.0000798	12	40 - 125

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

Param	F	C	MSD		Dil.	Spike	Matrix		Rec.		RPD	
			Result	Units		Amount	Result	Rec.	Limit	RPD	Limit	
Naphthalene	Qs	Qs	1	0.834	mg/L	1	0.800	0.61	28	40 - 100	8	20
2-Methylnaphthalene			1	0.426	mg/L	1	0.800	<0.0000913	53	45 - 105	5	20
1-Methylnaphthalene				1.75	mg/L	1	0.800	1.21	68	34.3 - 120	4	20
Acenaphthylene	Qs	Qs	1	0.159	mg/L	1	0.800	0.213	-5	55 - 105	17	20
Acenaphthene	Qs	Qs	1	1.84	mg/L	1	0.800	<0.000122	230	45 - 110	4	20
Dibenzofuran	Qs	Qs	1	26.9	mg/L	1	0.800	21.4	688	55 - 105	6	20
Fluorene	Qs	Qs	1	0.493	mg/L	1	0.800	0.494	0	50 - 110	4	20
Anthracene	Qr, Qs	Qr, Qs	1	0.0531	mg/L	1	0.800	<0.0000791	7	55 - 110	87	20
Phenanthrene	Qs	Qs	1	0.441	mg/L	1	0.800	0.388	7	50 - 115	1	20
Fluoranthene	Qr	Qr	1	0.776	mg/L	1	0.800	<0.000124	97	55 - 115	30	20
Pyrene	Qs	Qs	1	0.144	mg/L	1	0.800	<0.0000691	18	50 - 130	17	20
Benzo(a)anthracene	Qs	Qs	1	0.260	mg/L	1	0.800	<0.000101	32	55 - 110	1	20
Chrysene	Qs	Qs	1	0.157	mg/L	1	0.800	<0.0000769	20	55 - 110	1	20
Benzo(b)fluoranthene	Qs	Qs	1	0.0904	mg/L	1	0.800	<0.0000813	11	45 - 120	19	20
Benzo(k)fluoranthene	Qs	Qs	1	0.0728	mg/L	1	0.800	<0.0000790	9	45 - 125	2	20
Benzo(a)pyrene	Qs	Qs	1	0.121	mg/L	1	0.800	<0.0000701	15	55 - 110	16	20
Indeno(1,2,3-cd)pyrene	Qs	Qs	1	0.0814	mg/L	1	0.800	0.112	-2	45 - 125	8	20
Dibenzo(a,h)anthracene	Qr	Qr	1	0.963	mg/L	1	0.800	<0.0000851	120	40 - 125	25	20
Benzo(g,h,i)perylene	Qs	Qs	1	0.0976	mg/L	1	0.800	<0.0000798	12	40 - 125	0	20

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

			MS	MSD			Spike	MS	MSD	Rec.
Surrogate			Result	Result	Units	Dil.	Amount	Rec.	Rec.	Limit
Nitrobenzene-d5			0.617	0.611	mg/L	1	0.8	77	76	40 - 110
2-Fluorobiphenyl	Q _{sr}	Q _{sr}	0.112	0.0996	mg/L	1	0.8	14	12	50 - 110
Terphenyl-d14	Q _{sr}	Q _{sr}	0.165	0.165	mg/L	1	0.8	21	21	50 - 135

Calibration Standards

Standard (CCV-1)

QC Batch: 106761

Date Analyzed: 2013-11-13

Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		2	mg/L	0.100	0.0879	88	80 - 120	2013-11-13
Toluene		2	mg/L	0.100	0.0868	87	80 - 120	2013-11-13
Ethylbenzene		2	mg/L	0.100	0.0862	86	80 - 120	2013-11-13
Xylene		2	mg/L	0.300	0.260	87	80 - 120	2013-11-13

Standard (CCV-2)

QC Batch: 106761

Date Analyzed: 2013-11-13

Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		2	mg/L	0.100	0.0897	90	80 - 120	2013-11-13
Toluene		2	mg/L	0.100	0.0881	88	80 - 120	2013-11-13
Ethylbenzene		2	mg/L	0.100	0.0874	87	80 - 120	2013-11-13
Xylene		2	mg/L	0.300	0.263	88	80 - 120	2013-11-13

Standard (CCV-1)

QC Batch: 106864

Date Analyzed: 2013-11-19

Analyzed By: AK

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

Report Date: November 25, 2013
TNM-SPS-11

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North of Hobbs, Lea Co., NM

Standard (CCV-2)

QC Batch: 106864

Date Analyzed: 2013-11-19

Analyzed By: AK

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

Standard (CCV-3)

QC Batch: 106864

Date Analyzed: 2013-11-19

Analyzed By: AK

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

Standard (CCV-1)

QC Batch: 106878

Date Analyzed: 2013-11-19

Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		2	mg/L	0.100	0.0840	84	80 - 120	2013-11-19
Toluene		2	mg/L	0.100	0.0828	83	80 - 120	2013-11-19
Ethylbenzene		2	mg/L	0.100	0.0822	82	80 - 120	2013-11-19
Xylene		2	mg/L	0.300	0.247	82	80 - 120	2013-11-19

Standard (CCV-2)

QC Batch: 106878

Date Analyzed: 2013-11-19

Analyzed By: AK

Report Date: November 25, 2013
TNM-SPS-11

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SPS 11

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North of Hobbs, Lea Co., NM

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		2	mg/L	0.100	0.0840	84	80 - 120	2013-11-19
Toluene		2	mg/L	0.100	0.0830	83	80 - 120	2013-11-19
Ethylbenzene		2	mg/L	0.100	0.0815	82	80 - 120	2013-11-19
Xylene		2	mg/L	0.300	0.246	82	80 - 120	2013-11-19

Standard (CCV-3)

QC Batch: 106878

Date Analyzed: 2013-11-19

Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		2	mg/L	0.100	0.0806	81	80 - 120	2013-11-19
Toluene		2	mg/L	0.100	0.0834	83	80 - 120	2013-11-19
Ethylbenzene		2	mg/L	0.100	0.0833	83	80 - 120	2013-11-19
Xylene		2	mg/L	0.300	0.251	84	80 - 120	2013-11-19

Standard (CCV-1)

QC Batch: 106930

Date Analyzed: 2013-11-20

Analyzed By: AK

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

Standard (CCV-2)

QC Batch: 106930

Date Analyzed: 2013-11-20

Analyzed By: AK

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		2	mg/L	0.100	0.102	102	80 - 120	2013-11-20

continued ...

Report Date: November 25, 2013
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North of Hobbs, Lea Co., NM

standard continued ...

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

Standard (CCV-3)

QC Batch: 106930

Date Analyzed: 2013-11-20

Analyzed By: AK

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

Standard (CCV-1)

QC Batch: 107051

Date Analyzed: 2013-11-25

Analyzed By: MN

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

continued ...

standard continued ...

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Indeno(1,2,3-cd)pyrene		1	mg/L	60.0	59.7	100	80 - 120	2013-11-25
Dibenzo(a,h)anthracene		1	mg/L	60.0	49.2	82	80 - 120	2013-11-25
Benzo(g,h,i)perylene		1	mg/L	60.0	58.4	97	80 - 120	2013-11-25

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

Appendix

Report Definitions

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

Laboratory Certifications

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

Standard Flags

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

email: lab@traceanalysis.com

Company Name: Nova Phone #: 432 532 7720

Address: (Street, City, Zip) Fax #:

Address: (Street, City, Zip)
2054 Commerce Drive

Contact Person: _____ E-mail: _____

Invoice to:

(If different from above)

Project #: TNMSPS-11

Project Location (including state):

complet signature

[illegible]

ANALYSIS REQUEST

(Circle or Specify Method No.)

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

LAB USE ONLY

REMARKS:

: Muldard - BIZX
 Lubbock - fth

INST	127
OBS	270
CON	270

Company: DA Date: 11/13/13 Time: 8:11

Received by:

Date: 11/13/13 Time: 8:10

Relinquished by: John Flores Company: Nova

COR	28	C
INST		C
OBS		C
COR		C

Company: 141 114130.1 Date: Time:

Received by:

Date: _____ Time: _____

Relinquished by: _____ Company: _____

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. d.

ORIGINAL COPY

TraceAnalysis, Inc.

email: lab@traceanalysis.com

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

5002 Basin Street, Suite A1
Midland, Texas 79703
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1 (888) 588-3443

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

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

Company Name:

Phone #:

432 520 7720

Address: (Street, City, Zip)

Fax # _____

Contact Person:

E-mail:

Invoice to:

Invoice to:
(If different from above)

Project #: TAm-SPS-11

Project Name: SPS-11

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 ICE NONE	DATE TIME
439	m w - 17	3	vot	X	X	11/12/13 1217
440	m w - 15	✓				1230
441	m w - 9					1246
442	m w - 16					1337
443	m w - 28					1405
444	m w - 24					1428
445	m w - 26					1436
446	m w - 32					1447
447	m w - 14	✓6				1504

REMARKS:

LAB USE ONLY

INST	R	1
OBS	29	0
COR	28	0

INST		0
OBS		0
COR		0

ate:	Time:
3/13	8:10

Company: DA 11/11

received by: _____

Time:	8:10	Time:
-------	------	-------

any:	Date
any:	Date

Completed by:	Completed by:
Flores	Nobles

Relinquish John Relinquish

☐ Dry Weight Basis Required

☐ TRRP Report Required

☐ Check If Special Reporting Limits Are Needed

Log-in-Review

INST	
OBS	
COR	

ate: Time: 1139D

Company: TA

Received by:

Time:

any: Date

Completed by: _____

Relinquish

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

ORIGINAL COPY

Carx DS-70575090

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

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

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	06/23/05	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
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

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	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
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

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	01/10/08	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
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

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	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
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

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	03/16/10	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
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

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	07/19/11	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
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
GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	05/01/13	3859.08	60.26	60.89	0.63	3798.73
MW - 1	05/10/13	3859.08	60.26	60.91	0.65	3798.72
MW - 1	05/15/13	3859.08	60.24	60.81	0.57	3798.75
MW - 1	05/24/13	3859.08	60.23	61.28	1.05	3798.69
MW - 1	05/30/13	3859.08	60.29	60.90	0.61	3798.70
MW - 1	06/06/13	3859.08	60.30	60.89	0.59	3798.69
MW - 1	06/14/13	3859.08	60.29	60.98	0.69	3798.69
MW - 1	06/20/13	3859.08	60.35	60.70	0.35	3798.68
MW - 1	06/27/13	3859.08	60.32	60.68	0.36	3798.71
MW - 1	07/03/13	3859.08	60.34	60.84	0.50	3798.67
MW - 1	07/10/13	3859.08	60.37	60.73	0.36	3798.66
MW - 1	07/25/13	3859.08	60.35	60.91	0.56	3798.65
MW - 1	07/31/13	3859.08	60.54	60.63	0.09	3798.53
MW - 1	08/20/13	3859.08	60.38	60.81	0.43	3798.64
MW - 1	08/29/13	3859.08	60.32	61.02	0.70	3798.66
MW - 1	09/09/13	3859.08	60.33	61.31	0.98	3798.60
MW - 1	09/18/13	3859.08	60.34	61.21	0.87	3798.61
MW - 1	09/27/13	3859.08	60.36	61.12	0.76	3798.61
MW - 1	10/02/13	3859.08	60.39	61.09	0.70	3798.59
MW - 1	10/08/13	3859.08	60.38	60.95	0.57	3798.61
MW - 1	10/16/13	3859.08	60.38	61.01	0.63	3798.61
MW - 1	10/24/13	3859.08	60.34	61.18	0.84	3798.61
MW - 1	10/31/13	3859.08	60.38	61.05	0.67	3798.60
MW - 1	11/11/13	3859.08	60.40	61.10	0.70	3798.58
MW - 1	12/11/13	3859.08	60.43	61.30	0.87	3798.52
MW - 1	12/17/13	3859.08	60.40	61.46	1.06	3798.52
MW - 2	03/24/00	3860.76	-	57.55	0.00	3803.21
MW - 2	06/14/00	3860.76	-	58.05	0.00	3802.71
MW - 2	09/22/00	3860.76	-	57.04	0.00	3803.72
MW - 2	12/28/00	3860.76	-	57.32	0.00	3803.44
MW - 2	03/14/01	3860.76	-	57.41	0.00	3803.35
MW - 2	06/06/01	3860.76	-	57.58	0.00	3803.18
MW - 2	09/28/01	3860.76	-	57.68	0.00	3803.08
MW - 2	11/17/01	3860.76	-	58.00	0.00	3802.76
MW - 2	03/26/02	3860.76	-	58.20	0.00	3802.56
MW - 2	06/26/02	3860.76	-	58.12	0.00	3802.64
MW - 2	09/25/02	3860.76	-	58.28	0.00	3802.48
MW - 2	12/10/02	3860.76	-	58.30	0.00	3802.46
MW - 2	03/10/03	3860.76	-	58.36	0.00	3802.40
MW - 2	06/09/03	3860.76	-	58.46	0.00	3802.30
MW - 2	09/03/03	3860.76	-	58.57	0.00	3802.19
MW - 2	12/08/03	3860.76	-	58.55	0.00	3802.21
MW - 2	03/01/04	3860.76	-	58.80	0.00	3801.96
MW - 2	05/19/04	3860.76	-	58.54	0.00	3802.22
MW - 2	08/26/04	3860.76	-	59.05	0.00	3801.71
MW - 2	12/09/04	3860.76	-	57.16	0.00	3803.60
MW - 2	03/17/05	3860.76	-	57.51	0.00	3803.25

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2	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 - 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

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

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

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 3	11/28/12	3861.15	-	61.33	0.00	3799.82
MW - 3	02/21/13	3861.15	-	61.42	0.00	3799.73
MW - 3	05/15/13	3861.15	-	61.50	0.00	3799.65
MW - 3	08/20/13	3861.15	-	61.58	0.00	3799.57
MW - 3	11/11/13	3861.15	-	61.69	0.00	3799.46
MW - 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
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

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	06/11/08	3859.62	58.94	59.60	0.66	3800.58
MW - 4	06/11/08	3859.62	58.90	59.52	0.62	3800.63
MW - 4	06/18/08	3859.62	58.94	59.54	0.60	3800.59
MW - 4	06/25/08	3859.62	58.94	59.55	0.61	3800.59
MW - 4	07/01/08	3859.62	58.96	59.55	0.59	3800.57
MW - 4	07/09/08	3859.62	58.94	59.65	0.71	3800.57
MW - 4	07/15/08	3859.62	58.96	59.61	0.65	3800.56
MW - 4	07/16/08	3859.62	-	-	-	-
MW - 4	07/23/08	3859.62	58.94	59.72	0.78	3800.56
MW - 4	08/13/08	3859.62	58.90	60.36	1.46	3800.50
MW - 4	09/09/08	3859.62	58.88	60.44	1.56	3800.51
MW - 4	09/11/08	3859.62	58.84	60.52	1.68	3800.53
MW - 4	09/11/08	3859.62	58.84	60.52	1.68	3800.53
MW - 4	09/22/08	3859.62	58.87	60.48	1.61	3800.51
MW - 4	10/01/08	3859.62	58.93	60.23	1.30	3800.50
MW - 4	10/09/08	3859.62	58.96	59.97	1.01	3800.51
MW - 4	10/16/08	3859.62	59.03	59.93	0.90	3800.46
MW - 4	10/23/08	3859.62	59.01	59.91	0.90	3800.48
MW - 4	10/30/08	3859.62	59.03	60.04	1.01	3800.44
MW - 4	11/04/08	3859.62	59.00	59.93	0.93	3800.48
MW - 4	11/25/08	3859.62	58.92	60.74	1.82	3800.43
MW - 4	11/25/08	3859.62	59.41	59.51	0.10	3800.20
MW - 4	12/11/08	3859.62	58.94	60.64	1.70	3800.43
MW - 4	01/02/09	3859.62	58.92	61.72	2.80	3800.28
MW - 4	01/08/09	3859.62	59.07	60.41	1.34	3800.35
MW - 4	01/14/09	3859.62	59.10	60.09	0.99	3800.37
MW - 4	02/12/09	3859.62	59.23	61.21	1.98	3800.09
MW - 4	02/19/09	3859.62	59.95	61.33	1.38	3799.46
MW - 4	02/26/09	3859.62	59.15	61.15	2.00	3800.17
MW - 4	03/04/09	3859.62	60.00	61.38	1.38	3799.41
MW - 4	03/16/09	3859.62	59.98	61.29	1.31	3799.44
MW - 4	03/19/09	3859.62	58.93	61.52	2.59	3800.30
MW - 4	03/24/09	3859.62	58.94	61.61	2.67	3800.28
MW - 4	04/08/09	3859.62	59.99	61.30	1.31	3799.43
MW - 4	04/15/09	3859.62	58.96	61.39	2.43	3800.30
MW - 4	04/17/09	3859.62	59.97	61.26	1.29	3799.46
MW - 4	04/21/09	3859.62	59.95	61.23	1.28	3799.48
MW - 4	04/29/09	3859.62	59.00	61.30	2.30	3800.28
MW - 4	05/06/09	3859.62	59.48	61.38	1.90	3799.86
MW - 4	05/20/09	3859.62	59.07	61.17	2.10	3800.24
MW - 4	05/22/09	3859.62	59.23	60.28	1.05	3800.23
MW - 4	05/27/09	3859.62	59.07	61.02	1.95	3800.26
MW - 4	06/01/09	3859.62	59.16	60.59	1.43	3800.25
MW - 4	06/09/09	3859.62	59.36	60.89	1.53	3800.03
MW - 4	06/17/09	3859.62	59.03	61.12	2.09	3800.28
MW - 4	06/23/09	3859.62	59.94	61.26	1.32	3799.48
MW - 4	06/30/09	3859.62	59.06	61.06	2.00	3800.26
MW - 4	07/10/09	3859.62	59.26	61.11	1.85	3800.08

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	07/13/09	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
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

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	07/09/10	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
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
GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	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
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

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	08/20/13	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 - 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
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

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 6	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 - 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

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	12/13/05	3859.31	-	58.00	0.00	3801.31
MW - 7	03/15/06	3859.31	-	58.21	0.00	3801.10
MW - 7	06/14/06	3859.31	-	58.40	0.00	3800.91
MW - 7	09/13/06	3859.31	-	58.53	0.00	3800.78
MW - 7	12/06/06	3859.31	-	58.62	0.00	3800.69
MW - 7	03/01/07	3859.31	sheen	58.74	0.00	3800.57
MW - 7	05/24/07	3859.31	58.73	58.94	0.21	3800.55
MW - 7	05/29/07	3859.31	58.71	59.12	0.41	3800.54
MW - 7	06/05/07	3859.31	58.76	58.84	0.08	3800.54
MW - 7	06/12/07	3859.31	58.79	58.83	0.04	3800.51
MW - 7	06/18/07	3859.31	58.75	59.40	0.65	3800.46
MW - 7	06/29/07	3859.31	58.76	58.84	0.08	3800.54
MW - 7	07/03/07	3859.31	58.76	59.01	0.25	3800.51
MW - 7	07/10/07	3859.31	58.82	58.88	0.06	3800.48
MW - 7	07/18/07	3859.31	58.80	58.88	0.08	3800.50
MW - 7	07/30/07	3859.31	58.82	58.90	0.08	3800.48
MW - 7	08/06/07	3859.31	58.83	58.91	0.08	3800.47
MW - 7	08/13/07	3859.31	58.78	59.08	0.30	3800.49
MW - 7	08/23/07	3859.31	58.82	59.11	0.29	3800.45
MW - 7	08/31/07	3859.31	58.79	59.19	0.40	3800.46
MW - 7	09/17/07	3859.31	58.84	59.01	0.17	3800.44
MW - 7	09/28/07	3859.31	58.85	59.10	0.25	3800.42
MW - 7	10/05/07	3859.31	58.86	58.92	0.06	3800.44
MW - 7	10/12/07	3859.31	58.87	59.00	0.13	3800.42
MW - 7	11/08/07	3859.31	59.39	59.41	0.02	3799.92
MW - 7	11/09/07	3859.31	sheen	59.14	0.00	3800.17
MW - 7	12/13/07	3859.31	59.22	59.66	0.44	3800.02
MW - 7	01/10/08	3859.31	58.88	59.44	0.56	3800.35
MW - 7	01/16/08	3859.31	58.92	59.45	0.53	3800.31
MW - 7	01/22/08	3859.31	58.92	59.73	0.81	3800.27
MW - 7	02/07/08	3859.31	58.94	59.36	0.42	3800.31
MW - 7	02/12/08	3859.31	58.99	59.26	0.27	3800.28
MW - 7	02/20/08	3859.31	58.98	59.22	0.24	3800.29
MW - 7	02/27/08	3859.31	58.99	59.20	0.21	3800.29
MW - 7	03/04/08	3859.31	58.99	59.19	0.20	3800.29
MW - 7	03/13/08	3859.31	58.97	59.42	0.45	3800.27
MW - 7	03/20/08	3859.31	60.11	60.47	0.36	3799.15
MW - 7	03/23/08	3859.31	58.97	59.42	0.45	3800.27
MW - 7	04/09/08	3859.31	58.98	59.43	0.45	3800.26
MW - 7	04/18/08	3859.31	59.02	59.45	0.43	3800.23
MW - 7	04/25/08	3859.31	59.05	59.45	0.40	3800.20
MW - 7	04/30/08	3859.31	59.01	59.40	0.39	3800.24
MW - 7	05/16/08	3859.31	59.03	59.45	0.42	3800.22
MW - 7	06/03/08	3859.31	59.08	59.42	0.34	3800.18
MW - 7	06/11/08	3859.31	59.06	59.43	0.37	3800.19
MW - 7	06/18/08	3859.31	59.09	59.44	0.35	3800.17
MW - 7	06/25/08	3859.31	59.07	59.42	0.35	3800.19
MW - 7	07/01/08	3859.31	59.08	59.42	0.34	3800.18

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	07/09/08	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
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

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	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
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

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	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
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

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

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

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	10/24/13	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 - 9	03/24/00	3861.88	-	56.34	0.00	3805.54
MW - 9	06/14/00	3861.88	-	56.88	0.00	3805.00
MW - 9	09/22/00	3861.88	-	55.86	0.00	3806.02
MW - 9	12/28/00	3861.88	-	56.02	0.00	3805.86
MW - 9	03/14/01	3861.88	-	56.14	0.00	3805.74
MW - 9	06/06/01	3861.88	-	56.30	0.00	3805.58
MW - 9	09/28/01	3861.88	-	56.38	0.00	3805.50
MW - 9	11/17/01	3861.88	-	57.23	0.00	3804.65
MW - 9	03/26/02	3861.88	-	56.95	0.00	3804.93
MW - 9	06/26/02	3861.88	-	56.84	0.00	3805.04
MW - 9	09/25/02	3861.88	-	57.07	0.00	3804.81
MW - 9	12/10/02	3861.88	-	57.07	0.00	3804.81
MW - 9	03/10/03	3861.88	-	57.09	0.00	3804.79
MW - 9	06/09/03	3861.88	-	57.25	0.00	3804.63
MW - 9	09/03/03	3861.88	-	57.35	0.00	3804.53
MW - 9	12/08/03	3861.88	-	57.48	0.00	3804.40
MW - 9	03/01/04	3861.88	-	57.65	0.00	3804.23
MW - 9	05/19/04	3861.88	-	57.55	0.00	3804.33
MW - 9	08/26/04	3861.88	-	57.70	0.00	3804.18
MW - 9	12/09/04	3861.88	-	56.10	0.00	3805.78
MW - 9	03/17/05	3861.88	-	56.15	0.00	3805.73
MW - 9	06/15/05	3861.88	-	56.54	0.00	3805.34
MW - 9	09/15/05	3861.88	-	56.98	0.00	3804.90
MW - 9	12/13/05	3861.88	-	57.20	0.00	3804.68
MW - 9	03/15/06	3861.88	-	57.45	0.00	3804.43
MW - 9	06/14/06	3861.88	-	57.67	0.00	3804.21
MW - 9	09/13/06	3861.88	-	57.79	0.00	3804.09
MW - 9	12/06/06	3861.88	-	58.00	0.00	3803.88
MW - 9	03/01/07	3861.88	-	58.03	0.00	3803.85
MW - 9	05/24/07	3861.88	-	58.08	0.00	3803.80
MW - 9	08/23/07	3861.88	-	58.14	0.00	3803.74
MW - 9	11/08/07	3861.88	-	58.23	0.00	3803.65
MW - 9	03/04/08	3861.88	-	59.28	0.00	3802.60
MW - 9	06/11/08	3861.88	-	58.39	0.00	3803.49
MW - 9	09/09/08	3861.88	-	58.53	0.00	3803.35
MW - 9	12/11/08	3861.88	-	58.69	0.00	3803.19
MW - 9	02/26/09	3861.88	-	58.84	0.00	3803.04
MW - 9	05/22/09	3861.88	-	58.73	0.00	3803.15
MW - 9	08/18/09	3861.88	-	58.89	0.00	3802.99
MW - 9	12/10/09	3861.88	-	58.91	0.00	3802.97
MW - 9	01/06/10	3861.88	-	59.90	0.00	3801.98
MW - 9	02/02/10	3861.88	-	-	-	-

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

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

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 9	04/25/13	3861.88	-	60.21	0.00	3801.67
MW - 9	05/01/13	3861.88	-	60.18	0.00	3801.70
MW - 9	05/10/13	3861.88	-	60.18	0.00	3801.70
MW - 9	05/15/13	3861.88	-	60.15	0.00	3801.73
MW - 9	05/24/13	3861.88	-	60.14	0.00	3801.74
MW - 9	05/30/13	3861.88	-	60.19	0.00	3801.69
MW - 9	06/06/13	3861.88	-	60.19	0.00	3801.69
MW - 9	06/14/13	3861.88	-	60.27	0.00	3801.61
MW - 9	06/20/13	3861.88	-	60.23	0.00	3801.65
MW - 9	06/27/13	3861.88	-	60.15	0.00	3801.73
MW - 9	07/03/13	3861.88	-	60.21	0.00	3801.67
MW - 9	07/10/13	3861.88	-	60.26	0.00	3801.62
MW - 9	07/25/13	3861.88	-	60.28	0.00	3801.60
MW - 9	07/31/13	3861.88	-	60.21	0.00	3801.67
MW - 9	08/21/13	3861.88	-	60.18	0.00	3801.70
MW - 9	08/29/13	3861.88	-	60.24	0.00	3801.64
MW - 9	09/09/13	3861.88	-	60.28	0.00	3801.60
MW - 9	09/18/13	3861.88	-	60.30	0.00	3801.58
MW - 9	09/27/13	3861.88	-	60.30	0.00	3801.58
MW - 9	10/02/13	3861.88	-	60.31	0.00	3801.57
MW - 9	10/08/13	3861.88	-	60.28	0.00	3801.60
MW - 9	10/16/13	3861.88	-	60.30	0.00	3801.58
MW - 9	10/24/13	3861.88	-	60.26	0.00	3801.62
MW - 9	10/31/13	3861.88	-	60.23	0.00	3801.65
MW - 9	11/11/13	3861.88	-	60.27	0.00	3801.61
MW - 9	12/11/13	3861.88	-	60.43	0.00	3801.45
MW - 9	12/17/13	3861.88	-	60.36	0.00	3801.52
MW - 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

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

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

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 11	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
MW - 11	08/23/07	3860.00	-	59.81	0.00	3800.19
MW - 11	11/08/07	3860.00	-	59.87	0.00	3800.13
MW - 11	03/04/08	3860.00	-	59.97	0.00	3800.03
MW - 11	06/11/08	3860.00	-	60.05	0.00	3799.95
MW - 11	09/09/08	3860.00	-	60.16	0.00	3799.84
MW - 11	12/11/08	3860.00	-	60.29	0.00	3799.71
MW - 11	02/26/09	3860.00	-	60.32	0.00	3799.68
MW - 11	05/22/09	3860.00	-	60.46	0.00	3799.54
MW - 11	08/18/09	3860.00	-	60.42	0.00	3799.58
MW - 11	12/10/09	3860.00	-	60.49	0.00	3799.51
MW - 11	01/06/10	3860.00	-	60.51	0.00	3799.49
MW - 11	02/02/10	3860.00	-	-	-	-
MW - 11	02/22/10	3860.00	-	60.56	0.00	3799.44
MW - 11	05/06/10	3860.00	-	60.51	0.00	3799.49
MW - 11	05/13/10	3860.00	-	60.53	0.00	3799.47
MW - 11	05/19/10	3860.00	-	60.54	0.00	3799.46
MW - 11	06/04/10	3860.00	-	60.64	0.00	3799.36
MW - 11	08/26/10	3860.00	-	60.67	0.00	3799.33
MW - 11	11/30/10	3860.00	-	60.51	0.00	3799.49
MW - 11	03/08/11	3860.00	-	60.50	0.00	3799.50
MW - 11	05/25/11	3860.00	-	60.51	0.00	3799.49
MW - 11	08/19/11	3860.00	60.56	62.40	1.84	3799.16
MW - 11	09/06/11	3860.00	60.50	62.95	2.45	3799.13
MW - 11	09/13/11	3860.00	60.60	62.42	1.82	3799.13
MW - 11	10/13/11	3860.00	60.55	62.78	2.23	3799.12
MW - 11	11/15/11	3860.00	60.63	63.33	2.70	3798.97

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 11	11/30/11	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
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

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 11	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
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 - 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

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 12	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
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 - 13	03/24/01	3862.44	-	56.92	0.00	3805.52
MW - 13	06/14/01	3862.44	-	57.42	0.00	3805.02
MW - 13	09/22/00	3862.44	-	56.24	0.00	3806.20
MW - 13	12/28/00	3862.44	-	56.58	0.00	3805.86
MW - 13	03/14/01	3862.44	-	56.72	0.00	3805.72
MW - 13	06/06/01	3862.44	-	56.88	0.00	3805.56
MW - 13	09/28/01	3862.44	-	56.98	0.00	3805.46
MW - 13	11/17/01	3862.44	-	57.21	0.00	3805.23
MW - 13	03/26/02	3862.44	-	57.52	0.00	3804.92
MW - 13	06/26/02	3862.44	-	57.48	0.00	3804.96
MW - 13	09/25/02	3862.44	-	57.62	0.00	3804.82
MW - 13	12/09/02	3862.44	-	57.65	0.00	3804.79
MW - 13	03/10/03	3862.44	-	57.66	0.00	3804.78
MW - 13	06/09/03	3862.44	-	57.70	0.00	3804.74
MW - 13	09/03/03	3862.44	-	57.94	0.00	3804.50
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

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 13	06/15/05	3862.44	-	57.13	0.00	3805.31
MW - 13	09/14/05	3862.44	-	57.44	0.00	3805.00
MW - 13	12/13/05	3862.44	-	57.67	0.00	3804.77
MW - 13	03/15/06	3862.44	-	57.94	0.00	3804.50
MW - 13	06/14/06	3862.44	-	58.19	0.00	3804.25
MW - 13	09/13/06	3862.44	-	58.32	0.00	3804.12
MW - 13	12/05/06	3862.44	-	59.38	0.00	3803.06
MW - 13	03/01/07	3862.44	-	58.56	0.00	3803.88
MW - 13	05/24/07	3862.44	-	58.63	0.00	3803.81
MW - 13	08/23/07	3862.44	-	58.69	0.00	3803.75
MW - 13	11/08/07	3862.44	-	58.34	0.00	3804.10
MW - 13	03/04/08	3862.44	-	58.84	0.00	3803.60
MW - 13	06/11/08	3862.44	-	59.80	0.00	3802.64
MW - 13	09/09/08	3862.44	-	59.07	0.00	3803.37
MW - 13	12/11/08	3862.44	-	59.19	0.00	3803.25
MW - 13	02/27/09	3862.44	-	59.29	0.00	3803.15
MW - 13	05/21/09	3862.44	-	59.46	0.00	3802.98
MW - 13	08/18/09	3862.44	-	59.34	0.00	3803.10
MW - 13	12/09/09	3862.44	-	59.44	0.00	3803.00
MW - 13	01/06/10	3862.44	-	59.46	0.00	3802.98
MW - 13	02/22/10	3862.44	-	59.51	0.00	3802.93
MW - 13	06/04/10	3862.44	-	59.67	0.00	3802.77
MW - 13	08/26/10	3862.44	-	59.69	0.00	3802.75
MW - 13	11/30/10	3862.44	-	59.43	0.00	3803.01
MW - 13	03/08/11	3862.44	-	59.43	0.00	3803.01
MW - 13	05/25/11	3862.44	-	59.43	0.00	3803.01
MW - 13	08/18/11	3862.44	-	59.74	0.00	3802.70
MW - 13	11/15/11	3862.44	-	59.90	0.00	3802.54
MW - 13	02/29/12	3862.44	-	60.12	0.00	3802.32
MW - 13	05/01/12	3862.44	-	60.13	0.00	3802.31
MW - 13	08/10/12	3862.44	-	60.48	0.00	3801.96
MW - 13	11/27/12	3862.44	-	60.45	0.00	3801.99
MW - 13	02/21/13	3862.44	-	60.54	0.00	3801.90
MW - 13	05/15/13	3862.44	-	60.61	0.00	3801.83
MW - 13	08/20/13	3862.44	-	60.73	0.00	3801.71
MW - 13	11/11/13	3862.44	-	60.80	0.00	3801.64
MW - 14	03/24/00	3862.95	-	57.97	0.00	3804.98
MW - 14	06/14/00	3862.95	-	58.40	0.00	3804.55
MW - 14	09/22/00	3862.95	-	57.57	0.00	3805.38
MW - 14	12/28/00	3862.95	-	57.72	0.00	3805.23
MW - 14	03/14/01	3862.95	-	57.88	0.00	3805.07
MW - 14	06/06/01	3862.95	-	58.02	0.00	3804.93
MW - 14	09/28/01	3862.95	-	58.14	0.00	3804.81
MW - 14	11/17/01	3862.95	-	58.58	0.00	3804.37
MW - 14	03/26/02	3862.95	-	58.61	0.00	3804.34
MW - 14	06/26/02	3862.95	-	58.52	0.00	3804.43
MW - 14	09/25/02	3862.95	-	58.74	0.00	3804.21

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 14	12/09/02	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
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

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 14	08/04/09	3862.95	-	60.52	0.00	3802.43
MW - 14	08/18/09	3862.95	-	60.59	0.00	3802.36
MW - 14	08/26/09	3862.95	-	62.50	0.00	3800.45
MW - 14	10/08/09	3862.95	-	60.52	0.00	3802.43
MW - 14	12/10/09	3862.95	-	60.69	0.00	3802.26
MW - 14	01/06/10	3862.95	-	60.66	0.00	3802.29
MW - 14	02/02/10	3862.95	-	-	-	-
MW - 14	02/22/10	3862.95	-	60.73	0.00	3802.22
MW - 14	05/06/10	3862.95	-	60.66	0.00	3802.29
MW - 14	05/13/10	3862.95	-	60.64	0.00	3802.31
MW - 14	05/19/10	3862.95	-	60.63	0.00	3802.32
MW - 14	06/04/10	3862.95	-	60.84	0.00	3802.11
MW - 14	08/26/10	3862.95	-	60.82	0.00	3802.13
MW - 14	11/30/10	3862.95	-	60.72	0.00	3802.23
MW - 14	03/08/11	3862.95	-	60.70	0.00	3802.25
MW - 14	05/25/11	3862.95	-	60.70	0.00	3802.25
MW - 14	08/19/11	3862.95	-	61.09	0.00	3801.86
MW - 14	11/15/11	3862.95	-	61.06	0.00	3801.89
MW - 14	11/30/11	3862.95	-	61.09	0.00	3801.86
MW - 14	01/24/12	3862.95	-	61.20	0.00	3801.75
MW - 14	01/31/12	3862.95	-	61.24	0.00	3801.71
MW - 14	02/08/12	3862.95	-	61.22	0.00	3801.73
MW - 14	02/29/12	3862.95	-	61.21	0.00	3801.74
MW - 14	03/09/12	3862.95	-	61.32	0.00	3801.63
MW - 14	03/16/12	3862.95	-	61.31	0.00	3801.64
MW - 14	03/21/12	3862.95	-	61.30	0.00	3801.65
MW - 14	03/28/12	3862.95	-	61.31	0.00	3801.64
MW - 14	04/04/12	3862.95	-	61.32	0.00	3801.63
MW - 14	04/11/12	3862.95	-	61.29	0.00	3801.66
MW - 14	04/18/12	3862.95	-	61.31	0.00	3801.64
MW - 14	04/25/12	3862.95	-	61.30	0.00	3801.65
MW - 14	05/01/12	3862.95	-	61.30	0.00	3801.65
MW - 14	05/09/12	3862.95	-	61.30	0.00	3801.65
MW - 14	06/07/12	3862.95	-	61.34	0.00	3801.61
MW - 14	06/20/12	3862.95	-	61.39	0.00	3801.56
MW - 14	06/27/12	3862.95	-	61.38	0.00	3801.57
MW - 14	07/11/12	3862.95	-	61.43	0.00	3801.52
MW - 14	08/10/12	3862.95	-	61.65	0.00	3801.30
MW - 14	09/06/12	3862.95	-	61.45	0.00	3801.50
MW - 14	10/04/12	3862.95	-	61.59	0.00	3801.36
MW - 14	10/12/12	3862.95	-	61.55	0.00	3801.40
MW - 14	10/18/12	3862.95	-	61.58	0.00	3801.37
MW - 14	10/25/12	3862.95	-	61.58	0.00	3801.37
MW - 14	10/31/12	3862.95	-	61.61	0.00	3801.34
MW - 14	11/15/12	3862.95	-	61.61	0.00	3801.34
MW - 14	11/27/12	3862.95	-	61.60	0.00	3801.35
MW - 14	12/19/12	3862.95	-	61.63	0.00	3801.32
MW - 14	01/17/13	3862.95	-	61.63	0.00	3801.32

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 14	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
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 - 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

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 15	06/09/03	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
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 - 16	03/24/00	3863.15	-	56.81	0.00	3806.34
MW - 16	06/14/00	3863.15	-	57.24	0.00	3805.91
MW - 16	09/22/00	3863.15	-	56.46	0.00	3806.69

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

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

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 16	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 - 17	03/24/00	3859.17	-	59.57	0.00	3799.60
MW - 17	06/14/00	3859.17	-	59.72	0.00	3799.45
MW - 17	09/22/00	3859.17	-	59.65	0.00	3799.52
MW - 17	12/28/00	3859.17	-	59.70	0.00	3799.47
MW - 17	03/14/01	3859.17	-	59.66	0.00	3799.51
MW - 17	06/06/01	3859.17	-	59.75	0.00	3799.42
MW - 17	09/28/01	3859.17	-	59.90	0.00	3799.27
MW - 17	11/17/01	3859.17	-	60.02	0.00	3799.15
MW - 17	03/26/02	3859.17	-	60.41	0.00	3798.76
MW - 17	06/26/02	3859.17	-	60.26	0.00	3798.91
MW - 17	09/25/02	3859.17	-	60.39	0.00	3798.78
MW - 17	12/10/02	3859.17	-	60.43	0.00	3798.74
MW - 17	03/10/03	3859.17	-	60.51	0.00	3798.66
MW - 17	06/09/03	3859.17	-	60.61	0.00	3798.56
MW - 17	09/03/03	3859.17	-	60.70	0.00	3798.47
MW - 17	12/08/03	3859.17	-	60.81	0.00	3798.36
MW - 17	03/01/04	3859.17	-	60.93	0.00	3798.24
MW - 17	05/19/04	3859.17	-	60.98	0.00	3798.19
MW - 17	08/26/04	3859.17	-	61.07	0.00	3798.10
MW - 17	12/09/04	3859.17	-	60.58	0.00	3798.59
MW - 17	03/17/05	3859.17	-	60.23	0.00	3798.94
MW - 17	06/15/05	3859.17	-	60.27	0.00	3798.90
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

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 17	02/22/10	3859.17	-	61.99	0.00	3797.18
MW - 17	06/04/10	3859.17	-	62.06	0.00	3797.11
MW - 17	08/26/10	3859.17	-	62.09	0.00	3797.08
MW - 17	11/30/10	3859.17	-	61.96	0.00	3797.21
MW - 17	03/08/11	3859.17	-	61.94	0.00	3797.23
MW - 17	05/25/11	3859.17	-	61.92	0.00	3797.25
MW - 17	08/18/11	3859.17	-	62.30	0.00	3796.87
MW - 17	11/15/11	3859.17	-	62.28	0.00	3796.89
MW - 17	02/29/12	3859.17	-	62.45	0.00	3796.72
MW - 17	05/01/12	3859.17	-	62.51	0.00	3796.66
MW - 17	08/10/12	3859.17	-	62.86	0.00	3796.31
MW - 17	11/27/12	3859.17	-	62.79	0.00	3796.38
MW - 17	02/21/13	3859.17	-	62.89	0.00	3796.28
MW - 17	05/15/13	3859.17	-	62.96	0.00	3796.21
MW - 17	08/21/13	3859.17		63.02	0.00	3796.15
MW - 17	11/11/13	3859.17		63.10	0.00	3796.07
MW - 18	03/24/00	3859.98	-	59.15	0.00	3800.83
MW - 18	06/14/00	3859.98	-	59.42	0.00	3800.56
MW - 18	09/22/00	3859.98	-	58.97	0.00	3801.01
MW - 18	12/28/00	3859.98	-	59.02	0.00	3800.96
MW - 18	03/14/01	3859.98	-	59.15	0.00	3800.83
MW - 18	06/06/01	3859.98	-	59.20	0.00	3800.78
MW - 18	09/28/01	3859.98	-	59.43	0.00	3800.55
MW - 18	11/17/01	3859.98	-	59.44	0.00	3800.54
MW - 18	03/26/02	3859.98	-	59.94	0.00	3800.04
MW - 18	06/26/02	3859.98	-	59.75	0.00	3800.23
MW - 18	09/25/02	3859.98	-	59.86	0.00	3800.12
MW - 18	12/10/02	3859.98	-	59.89	0.00	3800.09
MW - 18	03/10/03	3859.98	-	59.96	0.00	3800.02
MW - 18	06/09/03	3859.98	-	60.05	0.00	3799.93
MW - 18	09/03/03	3859.98	-	60.15	0.00	3799.83
MW - 18	12/08/03	3859.98	-	60.26	0.00	3799.72
MW - 18	03/01/04	3859.98	-	60.35	0.00	3799.63
MW - 18	05/19/04	3859.98	-	60.43	0.00	3799.55
MW - 18	08/26/04	3859.98	-	60.48	0.00	3799.50
MW - 18	12/09/04	3859.98	-	59.72	0.00	3800.26
MW - 18	03/17/05	3859.98	-	59.47	0.00	3800.51
MW - 18	06/15/05	3859.98	-	59.62	0.00	3800.36
MW - 18	09/14/05	3859.98	-	59.80	0.00	3800.18
MW - 18	12/13/05	3859.98	-	60.01	0.00	3799.97
MW - 18	03/15/06	3859.98	-	60.23	0.00	3799.75
MW - 18	06/14/06	3859.98	-	60.39	0.00	3799.59
MW - 18	09/13/06	3859.98	-	60.52	0.00	3799.46
MW - 18	12/05/06	3859.98	-	60.56	0.00	3799.42
MW - 18	03/01/07	3859.98	-	60.63	0.00	3799.35
MW - 18	05/24/07	3859.98	-	60.70	0.00	3799.28
MW - 18	06/21/07	3859.98	-	60.71	0.00	3799.27

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 18	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
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 - 19	03/24/00	3862.30	-	57.97	0.00	3804.33
MW - 19	06/14/00	3862.30	-	60.41	0.00	3801.89
MW - 19	09/22/00	3862.30	-	59.64	0.00	3802.66
MW - 19	12/28/00	3862.30	-	59.83	0.00	3802.47
MW - 19	03/14/01	3862.30	-	58.92	0.00	3803.38
MW - 19	09/28/01	3862.30	-	59.19	0.00	3803.11
MW - 19	11/17/01	3862.30	-	60.35	0.00	3801.95
MW - 19	03/26/02	3862.30	-	60.64	0.00	3801.66
MW - 19	06/26/02	3862.30	-	60.59	0.00	3801.71
MW - 19	09/25/02	3862.30	-	60.73	0.00	3801.57
MW - 19	12/10/02	3862.30	-	60.76	0.00	3801.54
MW - 19	03/10/03	3862.30	-	60.83	0.00	3801.47
MW - 19	06/09/03	3862.30	-	60.92	0.00	3801.38
MW - 19	09/03/03	3862.30	-	61.02	0.00	3801.28
MW - 19	12/08/03	3862.30	-	61.14	0.00	3801.16
MW - 19	03/01/04	3862.30	-	61.24	0.00	3801.06
MW - 19	05/19/04	3862.30	-	61.15	0.00	3801.15
MW - 19	08/26/04	3862.30	-	61.33	0.00	3800.97
MW - 19	12/09/04	3862.30	-	60.10	0.00	3802.20
MW - 19	03/17/05	3862.30	-	60.14	0.00	3802.16

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 19	06/15/05	3862.30	-	60.40	0.00	3801.90
MW - 19	09/14/05	3862.30	-	60.61	0.00	3801.69
MW - 19	12/13/05	3862.30	-	60.84	0.00	3801.46
MW - 19	03/15/06	3862.30	-	61.05	0.00	3801.25
MW - 19	06/14/06	3862.30	-	61.23	0.00	3801.07
MW - 19	09/13/06	3862.30	-	61.36	0.00	3800.94
MW - 19	12/06/06	3862.30	-	61.44	0.00	3800.86
MW - 19	03/01/07	3862.30	-	65.56	0.00	3796.74
MW - 19	05/24/07	3862.30	-	61.57	0.00	3800.73
MW - 19	08/23/07	3862.30	-	61.65	0.00	3800.65
MW - 19	11/08/07	3862.30	-	61.73	0.00	3800.57
MW - 19	03/04/08	3862.30	-	61.82	0.00	3800.48
MW - 19	06/11/08	3862.30	-	61.89	0.00	3800.41
MW - 19	09/09/08	3862.30	-	62.02	0.00	3800.28
MW - 19	12/11/08	3862.30	-	63.20	0.00	3799.10
MW - 19	02/27/09	3862.30	-	62.15	0.00	3800.15
MW - 19	05/21/09	3862.30	-	62.24	0.00	3800.06
MW - 19	08/18/09	3862.30	-	62.23	0.00	3800.07
MW - 19	12/09/09	3862.30	-	62.34	0.00	3799.96
MW - 19	01/06/10	3862.30	-	62.36	0.00	3799.94
MW - 19	02/22/10	3862.30	-	62.41	0.00	3799.89
MW - 19	06/04/10	3862.30	-	62.50	0.00	3799.80
MW - 19	08/26/10	3862.30	-	62.52	0.00	3799.78
MW - 19	11/30/10	3862.30	-	62.33	0.00	3799.97
MW - 19	03/09/11	3862.30	-	62.30	0.00	3800.00
MW - 19	05/25/11	3862.30	-	62.28	0.00	3800.02
MW - 19	08/18/11	3862.30	-	62.65	0.00	3799.65
MW - 19	11/15/11	3862.30	-	62.75	0.00	3799.55
MW - 19	02/29/12	3862.30	-	62.94	0.00	3799.36
MW - 19	05/01/12	3862.30	-	63.00	0.00	3799.30
MW - 19	08/10/12	3862.30	-	63.36	0.00	3798.94
MW - 19	11/27/12	3862.30	-	63.28	0.00	3799.02
MW - 19	02/21/13	3862.30	-	63.38	0.00	3798.92
MW - 19	05/15/13	3862.30	-	63.45	0.00	3798.85
MW - 19	08/20/13	3862.30	-	63.54	0.00	3798.76
MW - 19	11/11/13	3862.30	-	63.60	0.00	3798.70
MW - 20	03/24/00	3861.30	-	59.13	0.00	3802.17
MW - 20	06/14/00	3861.30	-	59.54	0.00	3801.76
MW - 20	09/22/00	3861.30	-	58.84	0.00	3802.46
MW - 20	12/28/00	3861.30	-	59.01	0.00	3802.29
MW - 20	03/14/01	3861.30	-	59.11	0.00	3802.19
MW - 20	06/06/01	3861.30	-	59.20	0.00	3802.10
MW - 20	09/28/01	3861.30	-	59.34	0.00	3801.96
MW - 20	11/17/01	3861.30	-	59.53	0.00	3801.77
MW - 20	03/26/02	3861.30	-	59.80	0.00	3801.50
MW - 20	06/26/02	3861.30	-	59.75	0.00	3801.55
MW - 20	09/25/02	3861.30	-	59.91	0.00	3801.39

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

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

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 21	02/27/09	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 - 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

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 23	09/22/00	3862.44	-	56.20	0.00	3806.24
MW - 23	12/28/00	3862.44	-	56.32	0.00	3806.12
MW - 23	03/14/01	3862.44	-	56.83	0.00	3805.61
MW - 23	06/06/01	3862.44	-	56.50	0.00	3805.94
MW - 23	09/28/01	3862.44	-	56.56	0.00	3805.88
MW - 23	11/17/01	3862.44	-	56.79	0.00	3805.65
MW - 23	03/26/02	3862.44	-	57.00	0.00	3805.44
MW - 23	06/26/02	3862.44	-	57.07	0.00	3805.37
MW - 23	09/25/02	3862.44	-	57.23	0.00	3805.21
MW - 23	12/09/02	3862.44	-	57.25	0.00	3805.19
MW - 23	03/10/03	3862.44	-	57.34	0.00	3805.10
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
GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

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

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 24	01/06/10	3864.36	-	60.23	0.00	3804.13
MW - 24	02/22/10	3864.36	-	60.30	0.00	3804.06
MW - 24	06/04/10	3864.36	-	60.43	0.00	3803.93
MW - 24	08/26/10	3864.36	-	60.43	0.00	3803.93
MW - 24	11/30/10	3864.36	-	60.25	0.00	3804.11
MW - 24	03/08/11	3864.36	-	60.23	0.00	3804.13
MW - 24	05/25/11	3864.36	-	60.24	0.00	3804.12
MW - 24	08/18/11	3864.36	-	60.64	0.00	3803.72
MW - 24	11/15/11	3864.36	-	60.64	0.00	3803.72
MW - 24	02/29/12	3864.36	-	60.81	0.00	3803.55
MW - 24	05/01/12	3864.36	-	60.89	0.00	3803.47
MW - 24	08/10/12	3864.36	-	61.44	0.00	3802.92
MW - 24	11/27/12	3864.36	-	61.17	0.00	3803.19
MW - 24	02/21/13	3864.36	-	61.24	0.00	3803.12
MW - 24	05/15/13	3864.36	-	61.32	0.00	3803.04
MW - 24	08/21/13	3864.36	-	61.43	0.00	3802.93
MW - 24	11/11/13	3864.36	-	61.53	0.00	3802.83
MW - 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
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

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 25	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
MW-25	11/11/13	3864.16	-	60.45	0.00	3803.71
MW - 26	06/14/00	3858.79	-	60.10	0.00	3798.69
MW - 26	09/22/00	3858.79	-	60.00	0.00	3798.79
MW - 26	12/28/00	3858.79	-	60.08	0.00	3798.71
MW - 26	03/14/01	3858.79	-	60.05	0.00	3798.74
MW - 26	06/06/01	3858.79	-	60.18	0.00	3798.61
MW - 26	09/28/01	3858.79	-	60.32	0.00	3798.47
MW - 26	11/17/01	3858.79	-	60.48	0.00	3798.31
MW - 26	03/26/02	3858.79	-	60.84	0.00	3797.95
MW - 26	06/26/02	3858.79	-	60.67	0.00	3798.12
MW - 26	09/25/02	3858.79	-	60.79	0.00	3798.00
MW - 26	12/10/02	3858.79	-	60.85	0.00	3797.94
MW - 26	03/10/03	3858.79	-	60.95	0.00	3797.84
MW - 26	06/09/03	3858.79	-	61.05	0.00	3797.74
MW - 26	09/03/03	3858.79	-	61.15	0.00	3797.64
MW - 26	12/08/03	3858.79	-	61.27	0.00	3797.52
MW - 26	03/01/04	3858.79	-	61.37	0.00	3797.42
MW - 26	05/19/04	3858.79	-	61.42	0.00	3797.37
MW - 26	08/26/04	3858.79	-	61.54	0.00	3797.25
MW - 26	12/09/04	3858.79	-	60.92	0.00	3797.87
MW - 26	03/17/05	3858.79	-	60.61	0.00	3798.18

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 26	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	02/02/10	3858.79	-	-	-	-
MW - 26	02/22/10	3858.79	-	62.38	0.00	3796.41
MW - 26	05/06/10	3858.79	-	62.34	0.00	3796.45
MW - 26	05/13/10	3858.79	-	62.34	0.00	3796.45
MW - 26	05/19/10	3858.79	-	62.34	0.00	3796.45
MW - 26	06/04/10	3858.79	-	62.43	0.00	3796.36
MW - 26	08/26/10	3858.79	-	62.43	0.00	3796.36
MW - 26	11/30/10	3858.79	-	62.32	0.00	3796.47
MW - 26	03/08/11	3858.79	-	62.32	0.00	3796.47
MW - 26	05/25/11	3858.79	-	62.30	0.00	3796.49
MW - 26	08/19/11	3858.79	-	62.69	0.00	3796.10
MW - 26	11/15/11	3858.79	-	62.70	0.00	3796.09
MW - 26	11/30/11	3858.79	-	62.73	0.00	3796.06
MW - 26	01/24/12	3858.79	-	62.84	0.00	3795.95
MW - 26	01/31/12	3858.79	-	62.83	0.00	3795.96
MW - 26	02/08/12	3858.79	-	62.82	0.00	3795.97
MW - 26	02/29/12	3858.79	-	62.86	0.00	3795.93
MW - 26	03/09/12	3858.79	-	62.91	0.00	3795.88
MW - 26	03/16/12	3858.79	-	62.90	0.00	3795.89
MW - 26	03/21/12	3858.79	-	62.92	0.00	3795.87
MW - 26	03/28/12	3858.79	-	62.92	0.00	3795.87
MW - 26	04/04/12	3858.79	-	62.92	0.00	3795.87
MW - 26	04/11/12	3858.79	-	62.92	0.00	3795.87
MW - 26	04/18/12	3858.79	-	62.95	0.00	3795.84
MW - 26	04/25/12	3858.79	-	62.96	0.00	3795.83
MW - 26	05/01/12	3858.79	-	62.97	0.00	3795.82
MW - 26	05/09/12	3858.79	-	62.96	0.00	3795.83
MW - 26	06/07/12	3858.79	-	62.98	0.00	3795.81

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 26	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
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

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 27	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
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

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

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

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

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

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

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

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 29	03/16/12	3858.54	-	63.59	0.00	3794.95
MW - 29	03/21/12	3858.54	-	63.60	0.00	3794.94
MW - 29	03/28/12	3858.54	-	63.60	0.00	3794.94
MW - 29	04/04/12	3858.54	-	63.62	0.00	3794.92
MW - 29	04/11/12	3858.54	-	63.62	0.00	3794.92
MW - 29	04/18/12	3858.54	-	63.62	0.00	3794.92
MW - 29	04/25/12	3858.54	-	63.64	0.00	3794.90
MW - 29	05/01/12	3858.54	-	63.65	0.00	3794.89
MW - 29	05/09/12	3858.54	-	63.64	0.00	3794.90
MW - 29	06/07/12	3858.54	-	63.68	0.00	3794.86
MW - 29	06/20/12	3858.54	-	63.73	0.00	3794.81
MW - 29	06/27/12	3858.54	-	63.73	0.00	3794.81
MW - 29	07/11/12	3858.54	-	63.76	0.00	3794.78
MW - 29	08/10/12	3858.54	-	63.99	0.00	3794.55
MW - 29	09/06/12	3858.54	-	63.80	0.00	3794.74
MW - 29	10/04/12	3858.54	-	63.91	0.00	3794.63
MW - 29	10/12/12	3858.54	-	63.92	0.00	3794.62
MW - 29	10/18/12	3858.54	-	63.93	0.00	3794.61
MW - 29	10/25/12	3858.54	-	63.92	0.00	3794.62
MW - 29	10/31/12	3858.54	-	63.90	0.00	3794.64
MW - 29	11/15/12	3858.54	-	63.92	0.00	3794.62
MW - 29	11/27/12	3858.54	-	63.91	0.00	3794.63
MW - 29	12/19/12	3858.54	-	63.97	0.00	3794.57
MW - 29	01/17/13	3858.54	-	63.99	0.00	3794.55
MW - 29	01/31/13	3858.54	-	64.01	0.00	3794.53
MW - 29	02/21/13	3858.54	-	64.00	0.00	3794.54
MW - 29	03/05/13	3858.54	-	64.05	0.00	3794.49
MW - 29	03/21/13	3858.54	-	64.01	0.00	3794.53
MW - 29	04/04/13	3858.54	-	64.06	0.00	3794.48
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

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 29	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 - 30	03/26/02	3858.35	-	59.75	0.00	3798.60
MW - 30	06/26/02	3858.35	-	59.84	0.00	3798.51
MW - 30	09/25/02	3858.35	-	59.96	0.00	3798.39
MW - 30	12/10/02	3858.35	-	60.02	0.00	3798.33
MW - 30	03/10/03	3858.35	-	60.08	0.00	3798.27
MW - 30	06/09/03	3858.35	-	60.17	0.00	3798.18
MW - 30	09/03/03	3858.35	-	60.28	0.00	3798.07
MW - 30	12/08/03	3858.35	-	60.41	0.00	3797.94
MW - 30	03/01/04	3858.35	-	60.49	0.00	3797.86
MW - 30	05/19/04	3858.35	-	60.63	0.00	3797.72
MW - 30	08/26/04	3858.35	-	60.65	0.00	3797.70
MW - 30	12/09/04	3858.35	-	60.05	0.00	3798.30
MW - 30	03/17/05	3858.35	-	59.75	0.00	3798.60
MW - 30	06/15/05	3858.35	-	59.82	0.00	3798.53
MW - 30	09/14/05	3858.35	-	60.93	0.00	3797.42
MW - 30	12/13/05	3858.35	-	60.16	0.00	3798.19
MW - 30	03/15/06	3858.35	-	60.32	0.00	3798.03
MW - 30	06/14/06	3858.35	-	60.46	0.00	3797.89
MW - 30	09/13/06	3858.35	-	60.57	0.00	3797.78
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

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 30	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 - 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
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

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

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

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-32	08/19/11	3858.07	-	63.09	0.00	3794.98
MW-32	11/15/11	3858.07	-	63.10	0.00	3794.97
MW-32	11/30/11	3858.07	-	63.11	0.00	3794.96
MW-32	01/24/12	3858.07	-	63.25	0.00	3794.82
MW-32	01/31/12	3858.07	-	63.25	0.00	3794.82
MW-32	02/08/12	3858.07	-	63.26	0.00	3794.81
MW-32	02/29/12	3858.07	-	63.30	0.00	3794.77
MW-32	03/09/12	3858.07	-	63.35	0.00	3794.72
MW-32	03/16/12	3858.07	-	63.34	0.00	3794.73
MW-32	03/21/12	3858.07	-	63.35	0.00	3794.72
MW-32	03/28/12	3858.07	-	63.34	0.00	3794.73
MW-32	04/04/12	3858.07	-	63.36	0.00	3794.71
MW-32	04/11/12	3858.07	-	63.37	0.00	3794.70
MW-32	04/18/12	3858.07	-	64.39	0.00	3793.68
MW-32	04/25/12	3858.07	-	63.39	0.00	3794.68
MW-32	05/01/12	3858.07	-	63.39	0.00	3794.68
MW-32	05/09/12	3858.07	-	63.39	0.00	3794.68
MW-32	06/07/12	3858.07	-	63.43	0.00	3794.64
MW-32	06/20/12	3858.07	-	63.47	0.00	3794.60
MW-32	06/27/12	3858.07	-	63.47	0.00	3794.60
MW-32	07/11/12	3858.07	-	63.51	0.00	3794.56
MW-32	08/10/12	3858.07	-	63.74	0.00	3794.33
MW-32	09/06/12	3858.07	-	63.55	0.00	3794.52
MW-32	10/04/12	3858.07	-	63.64	0.00	3794.43
MW-32	10/12/12	3858.07	-	63.64	0.00	3794.43
MW-32	10/18/12	3858.07	-	63.65	0.00	3794.42
MW-32	10/25/12	3858.07	-	63.66	0.00	3794.41
MW-32	10/31/12	3858.07	-	63.65	0.00	3794.42
MW-32	11/15/12	3858.07	-	63.65	0.00	3794.42
MW-32	11/27/12	3858.07	-	63.66	0.00	3794.41
MW-32	12/19/12	3858.07	-	63.70	0.00	3794.37
MW-32	01/17/13	3858.07	-	63.55	0.00	3794.52
MW-32	01/31/13	3858.07	-	63.73	0.00	3794.34
MW-32	02/21/13	3858.07	-	63.74	0.00	3794.33
MW-32	03/05/13	3858.07	-	63.79	0.00	3794.28
MW-32	03/21/13	3858.07	-	63.74	0.00	3794.33
MW-32	04/04/13	3858.07	-	63.79	0.00	3794.28
MW-32	04/11/13	3858.07	-	63.79	0.00	3794.28
MW-32	04/18/13	3858.07	-	63.82	0.00	3794.25
MW-32	04/25/13	3858.07	-	63.80	0.00	3794.27
MW-32	05/01/13	3858.07	-	63.81	0.00	3794.26
MW-32	05/10/13	3858.07	-	63.81	0.00	3794.26
MW-32	05/15/13	3858.07	-	63.78	0.00	3794.29
MW-32	05/24/13	3858.07	-	63.85	0.00	3794.22
MW-32	05/30/13	3858.07	-	63.86	0.00	3794.21
MW-32	06/06/13	3858.07	-	63.84	0.00	3794.23
MW-32	06/14/13	3858.07	-	63.85	0.00	3794.22
MW-32	06/20/13	3858.07	-	63.86	0.00	3794.21

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-32	06/27/13	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-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
GROUNDWATER ELEVATION DATA
TNM SPS - 11
PLAINS MARKETING, L.P.
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER GW-0140

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-33	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-34	03/15/06	3857.91	-	62.28	0.00	3795.63
MW-34	06/14/06	3857.91	-	62.40	0.00	3795.51
MW-34	09/13/06	3857.91	-	62.49	0.00	3795.42
MW-34	12/06/06	3857.91	-	62.55	0.00	3795.36
MW-34	03/01/07	3857.91	-	62.64	0.00	3795.27
MW-34	05/24/07	3857.91	-	62.66	0.00	3795.25
MW-34	08/23/07	3857.91	-	62.72	0.00	3795.19
MW-34	11/08/07	3857.91	-	62.80	0.00	3795.11
MW-34	03/04/08	3857.91	-	62.91	0.00	3795.00
MW-34	06/11/08	3857.91	-	62.96	0.00	3794.95
MW-34	09/09/08	3857.91	-	63.05	0.00	3794.86
MW-34	12/11/08	3857.91	-	63.14	0.00	3794.77
MW-34	02/27/09	3857.91	-	63.18	0.00	3794.73
MW-34	05/22/09	3857.91	-	63.23	0.00	3794.68
MW-34	08/18/09	3857.91	-	63.28	0.00	3794.63
MW-34	12/10/09	3857.91	-	63.30	0.00	3794.61
MW-34	01/06/10	3857.91	-	63.32	0.00	3794.59
MW-34	02/02/10	3857.91	-	-	-	-
MW-34	02/22/10	3857.91	-	63.34	0.00	3794.57
MW-34	05/06/10	3857.91	-	63.46	0.00	3794.45
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

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-35	03/15/06	3857.16	-	61.80	0.00	3795.36
MW-35	06/14/06	3857.16	-	61.89	0.00	3795.27
MW-35	09/13/06	3857.16	-	61.97	0.00	3795.19
MW-35	12/06/06	3857.16	-	62.04	0.00	3795.12
MW-35	03/01/07	3857.16	-	62.09	0.00	3795.07
MW-35	05/24/07	3857.16	-	62.13	0.00	3795.03
MW-35	08/23/07	3857.16	-	62.22	0.00	3794.94
MW-35	11/08/07	3857.16	-	62.28	0.00	3794.88
MW-35	03/04/08	3857.16	-	62.39	0.00	3794.77
MW-35	06/11/08	3857.16	-	62.44	0.00	3794.72
MW-35	09/09/08	3857.16	-	62.53	0.00	3794.63
MW-35	12/11/08	3857.16	-	62.51	0.00	3794.65
MW-35	02/26/09	3857.16	-	62.65	0.00	3794.51
MW-35	05/22/09	3857.16	-	62.72	0.00	3794.44
MW-35	08/18/09	3857.16	-	62.78	0.00	3794.38
MW-35	12/10/09	3857.16	-	62.82	0.00	3794.34
MW-35	01/06/10	3857.16	-	62.81	0.00	3794.35
MW-35	02/02/10	3857.16	-	-	-	-
MW-35	02/22/10	3857.16	-	62.85	0.00	3794.31
MW-35	05/06/10	3857.16	-	62.81	0.00	3794.35
MW-35	05/13/10	3857.16	-	62.83	0.00	3794.33
MW-35	05/19/10	3857.16	-	62.85	0.00	3794.31
MW-35	06/04/10	3857.16	-	62.92	0.00	3794.24
MW-35	08/26/10	3857.16	-	62.94	0.00	3794.22
MW-35	11/30/10	3857.16	-	62.84	0.00	3794.32
MW-35	03/08/11	3857.16	-	62.83	0.00	3794.33
MW-35	05/25/11	3857.16	-	62.83	0.00	3794.33
MW-35	08/19/11	3857.16	-	63.21	0.00	3793.95
MW-35	11/15/11	3857.16	-	63.79	0.00	3793.37
MW-35	02/29/12	3857.16	-	63.36	0.00	3793.80
MW-35	05/01/12	3857.16	-	63.47	0.00	3793.69
MW-35	08/10/12	3857.16	-	63.82	0.00	3793.34
MW-35	11/28/12	3857.16	-	63.71	0.00	3793.45
MW-35	02/21/13	3857.16	-	63.79	0.00	3793.37
MW-35	05/15/13	3857.16	-	64.87	0.00	3792.29
MW-35	08/21/13	3857.16	-	63.89	0.00	3793.27
MW-35	11/11/13	3857.16	-	63.95	0.00	3793.21
MW-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

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-36	02/27/09	3858.80	-	63.32	0.00	3795.48
MW-36	05/22/09	3858.80	-	63.37	0.00	3795.43
MW-36	08/18/09	3858.80	-	63.42	0.00	3795.38
MW-36	12/10/09	3858.80	-	63.45	0.00	3795.35
MW-36	01/06/10	3858.80	-	63.46	0.00	3795.34
MW-36	02/02/10	3858.80	-	-	-	-
MW-36	02/22/10	3858.80	-	63.48	0.00	3795.32
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-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

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-37	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-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
MW-38	11/11/13	3855.95	-	62.34	0.00	3793.61
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	-

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-39	12/09/09	-	-	62.02	0.00	-
MW-39	01/06/10	-	-	62.05	0.00	-
MW-39	02/22/10	-	-	62.08	0.00	-
MW-39	06/04/10	-	-	62.16	0.00	-
MW-39	08/26/10	-	-	62.19	0.00	-
MW-39	11/30/10	-	-	62.03	0.00	-
MW-39	03/08/11	-	-	62.04	0.00	-
MW-39	05/25/11	-	-	62.03	0.00	-
MW-39	08/18/11	-	-	62.40	0.00	-
MW-39	11/15/11	-	-	62.40	0.00	-
MW-39	02/29/12	-	-	62.56	0.00	-
MW-39	05/01/12	-	-	62.65	0.00	-
MW-39	08/10/12	-	-	62.99	0.00	-
MW-39	11/27/12	-	-	62.89	0.00	-
MW-39	02/21/13	-	-	62.98	0.00	-
MW-39	05/15/13	-	-	63.05	0.00	-
MW-39	08/21/13	-	-	63.14	0.00	-
MW-39	11/11/13	-	-	63.19	0.00	-
MW-40	12/03/07	-	-	63.59	0.00	-
MW-40	03/04/08	-	-	63.71	0.00	-
MW-40	06/11/08	-	-	63.75	0.00	-
MW-40	09/09/08	-	-	63.84	0.00	-
MW-40	12/11/08	-	-	63.09	0.00	-
MW-40	02/27/09	-	-	63.94	0.00	-
MW-40	05/22/09	-	-	63.99	0.00	-
MW-40	08/18/09	-	-	64.05	0.00	-
MW-40	12/10/09	-	-	64.08	0.00	-
MW-40	01/06/10	-	-	64.07	0.00	-
MW-40	02/02/10	-	-		0.00	-
MW-40	02/22/10	-	-	64.09	0.00	-
MW-40	05/06/10	-	-	64.07	0.00	-
MW-40	05/13/10	-	-	64.06	0.00	-
MW-40	05/19/10	-	-	64.09	0.00	-
MW-40	06/04/10	-	-	64.12	0.00	-
MW-40	08/26/10	-	-	64.14	0.00	-
MW-40	11/30/10	-	-	64.09	0.00	-
MW-40	03/08/11	-	-	64.10	0.00	-
MW-40	05/25/11	-	-	64.08	0.00	-
MW-40	08/19/11	-	-	64.45	0.00	-
MW-40	11/15/11	-	-	64.38	0.00	-
MW-40	02/29/12	-	-	64.58	0.00	-
MW-40	05/01/12	-	-	64.70	0.00	-
MW-40	08/10/12	-	-	65.06	0.00	-
MW-40	11/28/12	-	-	64.96	0.00	-
MW-40	02/21/13	-	-	65.10	0.00	-
MW-40	05/15/13	-	-	65.50	0.00	-
MW-40	08/21/13	-	-	65.09	0.00	-

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-40	11/11/13	-	-	65.15	0.00	-
PW-1	10/09/08		57.02	57.05	0.03	
PW-1	11/25/08			57.10	57.10	
PW-1	11/25/08				0.00	
PW-2	02/21/07		55.83	55.90	0.07	
PW-2	02/28/07		56.10	57.19	1.09	
PW-2	03/06/07		56.18	57.76	1.58	
PW-2	04/04/07		56.38	56.64	0.26	
PW-2	04/16/07		56.38	56.66	0.28	
PW-2	04/24/07		56.43	56.62	0.19	
PW-2	05/01/07		56.45	56.54	0.09	
PW-2	05/16/07		56.49	56.60	0.11	
PW-2	05/21/07		56.48	56.63	0.15	
PW-2	05/29/07		56.52	56.57	0.05	
PW-2	06/05/07		56.53	56.77	0.24	
PW-2	06/12/07		56.55	56.60	0.05	
PW-2	06/18/07		56.50	56.60	0.10	
PW-2	06/29/07		56.54	56.71	0.17	
PW-2	07/03/07		56.55	56.61	0.06	
PW-2	07/10/07		56.55	56.70	0.15	
PW-2	07/18/07		56.53	56.69	0.16	
PW-2	07/30/07		56.57	56.89	0.32	
PW-2	08/06/07		56.59	56.74	0.15	
PW-2	08/13/07		55.61	57.02	1.41	
PW-2	08/31/07		56.64	56.66	0.02	
PW-2	09/17/07		56.62	57.02	0.40	
PW-2	09/28/07		56.64	56.91	0.27	
PW-2	10/05/07		56.65	56.70	0.05	
PW-2	10/12/07		56.67	56.82	0.15	
PW-2	12/13/07		56.78	56.93	0.15	
PW-2	01/10/08		56.76	57.03	0.27	
PW-2	01/16/08		56.74	57.13	0.39	
PW-2	01/22/08		56.73	56.95	0.22	
PW-2	02/07/08		56.80	56.97	0.17	
PW-2	02/12/08		56.82	56.94	0.12	
PW-2	02/20/08		56.79	56.87	0.08	
PW-2	02/27/08		56.84	56.87	0.03	
PW-2	03/13/08		56.85	56.93	0.08	
PW-2	03/23/08		56.12	56.91	0.79	
PW-2	04/09/08		56.86	56.95	0.09	
PW-2	04/18/08		56.88	56.97	0.09	
PW-2	04/25/08		56.91	57.00	0.09	
PW-2	04/30/08		56.88	57.07	0.19	
PW-2	05/06/08		56.89	57.09	0.20	
PW-2	05/16/08		56.89	57.09	0.20	
PW-2	06/03/08		56.92	57.02	0.10	

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

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
PW-2	06/11/08		sheen	56.95	0.00	
PW-2	06/18/08		56.97	56.98	0.01	
PW-2	06/25/08		56.95	56.98	0.03	
PW-2	07/01/08		56.96	56.98	0.02	
PW-2	07/09/08		56.98	57.06	0.08	
PW-2	07/15/08		56.40	57.02	0.62	
PW-2	07/23/08		56.98	57.07	0.09	
PW-2	09/11/08		56.99	57.15	0.16	
PW-2	09/22/08		57.00	57.20	0.20	
PW-2	10/01/08		57.02	57.22	0.20	
PW-2	10/09/08		58.83	59.46	0.63	
PW-2	10/16/08		sheen	57.11	0.00	
PW-2	10/23/08		sheen	57.09	0.00	
PW-2	10/30/08		sheen	57.21	0.00	
PW-2	01/02/09		57.20	57.26	0.06	
PW-2	01/08/09		52.17	52.23	0.06	
PW-2	02/19/09		57.16	57.35	0.19	
PW-2	03/04/09		57.26	57.39	0.13	
PW-2	03/16/09		57.28	57.42	0.14	
PW-2	03/19/09		57.19	57.23	0.04	
PW-2	03/24/09		57.18	57.56	0.38	
PW-2	04/08/09		57.30	57.41	0.11	
PW-2	04/17/09		57.28	57.41	0.13	
PW-2	04/21/09		57.27	57.40	0.13	
PW-2	04/29/09		57.20	57.34	0.14	
PW-2	05/06/09		57.22	57.44	0.22	
PW-2	05/27/09		57.28	57.30	0.02	
PW-2	06/01/09		57.28	57.34	0.06	
PW-2	06/17/09		57.29	57.34	0.05	
PW-2	06/23/09		57.26	57.43	0.17	
PW-2	06/30/09		57.28	57.34	0.06	
PW-2	07/13/09		57.21	57.29	0.08	
PW-2	09/09/09		57.20	57.49	0.29	
PW-2	10/01/09		57.29	59.42	2.13	

Elevations based on the North America Vertical Datum of 1929.

TABLE 2
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 LIMIT		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				
MW - 1	08/26/10	Not Sampled Due to PSH in Well				
MW - 1	12/01/10	Not Sampled Due to PSH in Well				

TABLE 2
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 - 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 - 2	08/19/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 2	12/08/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 2	03/24/00	0.0010	0.001	<0.001	<0.001	<0.001
MW - 2	06/14/00	0.0150	0.006	0.007	0.002	<0.001
MW - 2	09/22/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 2	12/28/00	0.0020	0.001	0.001	<0.001	<0.001
MW - 2	03/14/01	0.0010	0.001	<0.001	<0.001	<0.001
MW - 2	06/06/01	0.0070	0.013	<0.001	<0.001	
MW - 2	09/28/01	0.0010	0.001	<0.001	<0.001	<0.001
MW - 2	11/17/01	0.0110	0.002	0.003	0.002	<0.001
MW - 2	03/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 2	06/26/02	0.0020	0.002	0.001	0.001	<0.001
MW - 2	09/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 2	12/10/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 2	03/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 2	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 2	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 2	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 2	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 2	12/09/04	<0.001	<0.001	<0.001	<0.001	
MW - 2	03/17/05	Not Sampled on Current Sample Schedule				
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				

TABLE 2
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 - 2	11/08/07	<0.001	<0.001	<0.001	<0.001	
MW - 2	03/04/08	Not Sampled on Current Sample Schedule				
MW - 2	06/11/08	Not Sampled on Current Sample Schedule				
MW - 2	09/10/08	Not Sampled on Current Sample Schedule				
MW - 2	12/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 2	02/26/09	Not Sampled on Current Sample Schedule				
MW - 2	05/22/09	Not Sampled on Current Sample Schedule				
MW - 2	08/18/09	Not Sampled on Current Sample Schedule				
MW - 2	12/09/09	<0.001	<0.001	<0.001	<0.001	
MW - 2	02/22/10	Not Sampled on Current Sample Schedule				
MW - 2	06/03/10	Not Sampled on Current Sample Schedule				
MW - 2	08/26/10	Not Sampled on Current Sample Schedule				
MW - 2	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 2	03/09/11	Not Sampled on Current Sample Schedule				
MW - 2	05/26/11	Not Sampled on Current Sample Schedule				
MW - 2	08/18/11	Not Sampled on Current Sample Schedule				
MW - 2	11/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 2	02/29/12	Not Sampled on Current Sample Schedule				
MW - 2	05/02/12	Not Sampled on Current Sample Schedule				
MW - 2	08/10/12	Not Sampled on Current Sample Schedule				
MW - 2	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 2	02/22/13	Not Sampled on Current Sample Schedule				
MW - 2	05/15/13	Not Sampled on Current Sample Schedule				
MW - 2	08/21/13	Not Sampled on Current Sample Schedule				
MW - 2	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 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

TABLE 2
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 - 3	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 3	12/09/04	<0.001	<0.001	<0.001	<0.001	
MW - 3	03/17/05	Not Sampled on Current Sample Schedule				
MW - 3	06/15/05	Not Sampled on Current Sample Schedule				
MW - 3	09/14/05	Not Sampled on Current Sample Schedule				
MW - 3	12/13/05	<0.001	<0.001	<0.001	<0.001	
MW - 3	03/15/06	Not Sampled on Current Sample Schedule				
MW - 3	06/14/06	Not Sampled on Current Sample Schedule				
MW - 3	09/13/06	Not Sampled on Current Sample Schedule				
MW - 3	12/05/06	<0.001	<0.001	<0.001	<0.001	
MW - 3	03/01/07	Not Sampled on Current Sample Schedule				
MW - 3	05/24/07	Not Sampled on Current Sample Schedule				
MW - 3	08/23/07	Not Sampled on Current Sample Schedule				
MW - 3	11/08/07	<0.001	<0.001	<0.001	<0.001	
MW - 3	03/04/08	Not Sampled on Current Sample Schedule				
MW - 3	06/11/08	Not Sampled on Current Sample Schedule				
MW - 3	09/10/08	Not Sampled on Current Sample Schedule				
MW - 3	12/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 3	02/26/09	Not Sampled on Current Sample Schedule				
MW - 3	05/22/09	Not Sampled on Current Sample Schedule				
MW - 3	08/18/09	Not Sampled on Current Sample Schedule				
MW - 3	12/09/09	<0.001	<0.001	<0.001	<0.001	
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 - 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

TABLE 2
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 - 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				
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				

TABLE 2
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 - 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 - 6	08/19/99	0.0090	<0.001	<0.001	<0.001	<0.001
MW - 6	12/08/99	0.0110	<0.001	0.002	<0.001	<0.001
MW - 6	03/24/00	0.0090	<0.001	<0.001	<0.001	<0.001
MW - 6	06/14/00	0.0050	<0.001	0.002	<0.001	<0.001
MW - 6	09/02/00	0.0400	<0.001	0.01	0.003	<0.001
MW - 6	12/28/00	0.0100	0.001	0.002	<0.001	<0.001
MW - 6	03/14/01	0.0210	<0.001	0.004	0.001	<0.001
MW - 6	06/06/01	0.0240	<0.001	<0.001	<0.001	
MW - 6	09/28/01	0.0270	<0.001	0.004	0.002	<0.001
MW - 6	11/17/01	0.0130	<0.001	0.003	0.001	<0.001
MW - 6	03/26/02	0.0130	<0.001	<0.001	<0.001	<0.001
MW - 6	06/26/02	0.0030	0.002	<0.001	<0.001	<0.001
MW - 6	09/25/02	0.0160	<0.001	<0.001	<0.001	<0.001
MW - 6	12/10/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 6	03/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 6	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 6	09/03/03	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 6	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 6	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 6	05/19/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 6	08/26/04	0.0203	<0.001	<0.001	<0.002	<0.001
MW - 6	12/09/04	0.0073	<0.001	<0.001	<0.001	
MW - 6	03/17/05	<0.001	<0.001	<0.001	<0.001	
MW - 6	06/15/05	<0.001	<0.001	<0.001	<0.001	
MW - 6	09/14/05	0.0149	<0.001	<0.001	<0.001	
MW - 6	12/13/05	<0.001	<0.001	<0.001	<0.001	
MW - 6	03/15/06	<0.001	<0.001	<0.001	<0.001	
MW - 6	06/14/06	<0.001	<0.001	<0.001	<0.001	
MW - 6	09/13/06	2.6900	<0.02	0.236	<0.02	
MW - 6	12/06/06	<0.001	<0.001	<0.001	<0.001	
MW - 6	03/01/07	0.0045	<0.001	<0.001	<0.001	
MW - 6	05/24/07	<0.001	<0.001	<0.001	<0.001	
MW - 6	08/23/07	<0.001	<0.001	<0.001	<0.001	
MW - 6	11/08/07	<0.001	<0.001	<0.001	<0.001	

TABLE 2
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 - 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	
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 - 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
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

TABLE 2
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 - 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				
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 - 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

TABLE 2
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 - 9	06/06/01	2.9800	<0.005	1.15	0.198	
MW - 9	09/28/01	2.3600	<0.002	1.00	0.015	<0.002
MW - 9	11/17/01	1.8200	0.002	0.724	0.013	0.002
MW - 9	03/26/02	0.1620	<0.001	0.037	0.001	<0.001
MW - 9	06/26/02	0.8360	<0.001	0.481	0.185	<0.001
MW - 9	09/25/02	0.7100	0.002	0.199	0.003	<0.001
MW - 9	12/10/02	1.0100	<0.001	0.369	0.017	<0.001
MW - 9	03/11/03	0.9660	<0.001	0.190	0.010	0.001
MW - 9	06/10/03	0.2100	<0.001	0.017	<0.001	<0.001
MW - 9	09/03/03	0.4890	<0.001	0.056	0.003	<0.001
MW - 9	12/08/03	0.5590	0.008	0.017	0.009	0.002
MW - 9	03/01/04	0.0690	<0.001	0.002	<0.002	<0.001
MW - 9	05/19/04	0.0890	<0.001	0.00235	<0.002	<0.001
MW - 9	08/26/04	0.1160	<0.001	<0.001	<0.002	<0.001
MW - 9	12/09/04	3.4400	<0.001	<0.001	<0.001	
MW - 9	03/17/05	0.7830	<0.01	0.0891	0.0655	
MW - 9	06/15/05	1.4200	<0.02	0.168	0.06	
MW - 9	09/15/05	2.3600	<0.05	0.431	0.0838	
MW - 9	12/13/05	2.5100	<0.02	0.462	0.0282	
MW - 9	03/15/06	2.5000	<0.2	0.52	<0.2	
MW - 9	06/14/06	3.1300	<0.1	0.361	<0.1	
MW - 9	09/14/06	<0.001	<0.001	<0.001	<0.001	
MW - 9	12/06/06	1.5400	0.0354	0.0429	0.0406	
MW - 9	03/02/07	1.4200	<0.02	0.0712	<0.020	
MW - 9	05/24/07	1.4400	<0.01	0.0412	<0.010	
MW - 9	08/23/07	0.7570	<0.050	<0.050	<0.050	
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	

TABLE 2
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 - 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 - 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	
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	

TABLE 2
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 - 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 - 11	08/20/99	1.7630	<0.010	<0.010	<0.010	<0.010
MW - 11	12/08/99	2.9400	<0.010	<0.010	<0.010	<0.010
MW - 11	03/24/00	1.4000	<0.025	<0.025	<0.025	<0.025
MW - 11	06/14/00	0.7240	0.002	0.001	<0.001	<0.001
MW - 11	09/22/00	1.9700	<0.100	<0.100	<0.100	<0.100
MW - 11	12/28/00	0.2500	<0.001	<0.001	<0.001	<0.001
MW - 11	03/14/01	0.1050	<0.001	<0.001	<0.001	<0.001
MW - 11	06/06/01	0.0730	<0.001	0.013	0.035	
MW - 11	09/28/01	0.0130	<0.001	0.001	<0.001	<0.001
MW - 11	11/17/01	0.0320	<0.001	0.007	<0.001	<0.001
MW - 11	03/26/02	0.0130	0.001	0.004	<0.001	<0.001
MW - 11	06/26/02	0.0010	<0.001	0.004	<0.001	<0.001
MW - 11	09/25/02	0.0010	<0.001	0.004	<0.001	<0.001
MW - 11	12/10/02	<0.001	<0.001	0.002	<0.001	<0.001
MW - 11	03/11/03	0.0080	0.003	0.002	0.002	<0.001
MW - 11	06/10/03	<0.001	<0.001	0.001	<0.001	<0.001
MW - 11	09/03/03	0.0010	<0.001	0.003	<0.001	<0.001
MW - 11	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 11	03/01/04	0.0220	<0.001	0.024	<0.002	<0.001
MW - 11	05/19/04	0.0555	<0.001	0.0308	<0.002	<0.001
MW - 11	08/26/04	0.1560	<0.001	0.0467	0.00308	<0.001
MW - 11	12/09/04	0.2520	<0.001	0.075	<0.001	
MW - 11	03/17/05	0.3700	<0.005	0.139	0.0077	

TABLE 2
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	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	
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 - 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

TABLE 2
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 - 12	03/14/01	0.4240	0.013	0.037	0.016	0.004
MW - 12	06/06/01	0.4190	0.013	0.052	0.04	
MW - 12	09/28/01	0.0630	0.004	0.008	0.006	0.001
MW - 12	11/17/01	0.0500	0.003	0.006	0.004	<0.001
MW - 12	03/26/02	0.0020	<0.001	<0.001	<0.001	<0.001
MW - 12	06/26/02	0.0210	0.002	<0.001	0.004	0.001
MW - 12	09/25/02	0.0600	0.009	0.002	0.011	0.003
MW - 12	12/09/02	0.0160	0.006	<0.001	0.008	0.003
MW - 12	03/11/03	0.0280	0.006	<0.001	0.007	0.003
MW - 12	06/10/03	0.0040	<0.001	<0.001	<0.001	<0.001
MW - 12	09/03/03	0.0910	0.007	0.018	0.029	0.006
MW - 12	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 12	03/01/04	0.0020	<0.001	<0.001	<0.002	<0.001
MW - 12	05/19/04	0.0125	<0.001	0.00145	<0.002	<0.001
MW - 12	08/26/04	0.0019	<0.001	<0.001	<0.002	<0.001
MW - 12	12/09/04	0.7180	<0.1	0.28	0.175	
MW - 12	03/17/05	0.3500	<0.005	0.205	0.0629	
MW - 12	06/15/05	0.3340	<0.01	0.168	0.0419	
MW - 12	09/14/05	0.2140	<0.005	0.136	0.0501	
MW - 12	12/13/05	0.0558	<0.005	0.0444	0.0145	
MW - 12	03/15/06	0.0297	<0.005	0.0171	<0.005	
MW - 12	06/14/06	0.0123	<0.001	0.0078	0.0019	
MW - 12	09/13/06	0.0215	0.0012	0.0042	0.0026	
MW - 12	12/06/06	0.0037	<0.001	<0.001	<0.001	
MW - 12	03/01/07	<0.001	<0.001	<0.001	<0.001	
MW - 12	05/24/07	<0.001	<0.001	<0.001	<0.001	
MW - 12	08/23/07	0.0030	<0.001	<0.001	<0.001	
MW - 12	11/08/07	0.0065	<0.001	<0.001	0.0065	
MW - 12	03/04/08	0.0021	<0.001	<0.001	0.001	
MW - 12	06/11/08	0.0148	0.0012	<0.001	0.0026	
MW - 12	09/10/08	0.0066	0.001	<0.001	0.002	
MW - 12	12/11/08	0.0065	0.001	<0.001	0.0029	
MW - 12	02/27/09	0.0111	<0.001	<0.001	0.0237	
MW - 12	05/21/09	<0.001	<0.001	<0.001	<0.001	
MW - 12	08/18/09	<0.001	<0.001	<0.001	<0.001	
MW - 12	12/09/09	<0.001	<0.001	<0.001	<0.001	
MW - 12	02/22/10	<0.001	<0.001	<0.001	<0.001	
MW - 12	06/03/10	<0.001	<0.001	<0.001	<0.001	
MW - 12	08/26/10	<0.001	<0.001	0.0096	<0.001	
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	

TABLE 2
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 - 12	02/29/12	0.0107	<0.001	<0.001	<0.001	
MW - 12	05/02/12	<0.001	<0.001	<0.001	<0.001	
MW - 12	08/10/12	<0.001	<0.001	<0.001	<0.003	
MW - 12	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 12	02/22/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	05/15/13	0.00320	<0.00100	<0.00100	0.00140	
MW - 12	08/21/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 12	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 13	08/19/99	<0.001	<0.001	<0.001	0.001	<0.001
MW - 13	12/08/99	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 13	03/24/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 13	06/14/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 13	09/22/00	0.0010	<0.001	0.003	<0.001	<0.001
MW - 13	12/28/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 13	03/14/01	0.0020	<0.001	0.003	<0.001	<0.001
MW - 13	06/06/01	<0.001	<0.001	<0.001	<0.001	
MW - 13	09/27/01	0.0020	<0.001	<0.001	<0.001	<0.001
MW - 13	11/17/01	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 13	03/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 13	06/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 13	09/25/02	0.0020	<0.001	<0.001	<0.001	<0.001
MW - 13	12/09/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 13	03/11/03	0.0020	<0.001	<0.001	<0.001	<0.001
MW - 13	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 13	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 13	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 13	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 13	12/09/04	<0.001	<0.001	<0.001	<0.001	
MW - 13	03/17/05	Not Sampled on Current Sample Schedule				
MW - 13	06/15/05	Not Sampled on Current Sample Schedule				
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				

TABLE 2
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 - 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 - 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	

TABLE 2
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 - 14	03/17/05	5.240	<0.050	1.000	0.077	
MW - 14	06/15/05	3.900	<0.100	0.368	<0.100	
MW - 14	09/15/05	4.710	<0.100	0.993	<0.100	
MW - 14	12/13/05	3.910	<0.100	0.943	<0.100	
MW - 14	03/15/06	3.660	<0.200	0.960	<0.200	
MW - 14	06/14/06	4.500	<0.200	1.040	<0.200	
MW - 14	09/14/06	4.960	<0.100	1.210	<0.100	
MW - 14	12/06/06	3.960	<0.020	1.010	<0.020	
MW - 14	03/02/07	0.0474	<0.001	0.013	<0.001	
MW - 14	05/24/07	5.850	<0.020	0.890	<0.020	
MW - 14	08/23/07	5.660	<0.100	1.060	<0.100	
MW - 14	11/08/07	7.310	<0.200	0.875	<0.200	
MW - 14	03/04/08	7.350	<0.050	0.712	<0.050	
MW - 14	06/11/08	5.870	<0.050	0.513	<0.050	
MW - 14	09/10/08	6.900	<0.050	0.375	<0.050	
MW - 14	12/11/08	5.930	<0.050	0.382	<0.050	
MW - 14	02/26/09	Well Not Sampled				
MW - 14	05/22/09	5.110	<0.005	0.286	<0.005	
MW - 14	08/18/09	3.500	<0.050	0.236	<0.050	
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 - 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

TABLE 2
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 - 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	
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	

TABLE 2
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 - 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 - 16	08/19/99	0.0650	0.004	0.002	0.002	<0.001
MW - 16	12/08/99	0.0550	0.025	0.005	0.005	0.002
MW - 16	03/24/00	0.1080	0.028	0.005	0.005	0.002
MW - 16	06/14/00	0.0170	0.002	<0.001	0.001	<0.001
MW - 16	09/22/00	0.0360	0.003	<0.001	<0.001	<0.001
MW - 16	12/28/00	0.0430	0.032	0.007	0.004	0.002
MW - 16	03/14/01	0.0570	0.036	0.015	0.006	0.002
MW - 16	06/06/01	0.0440	0.016	0.017	0.035	
MW - 16	09/27/01	0.0440	0.027	0.012	0.005	0.002
MW - 16	11/17/01	0.0390	0.025	0.015	0.008	0.004
MW - 16	03/26/02	0.0210	0.004	0.004	0.002	<0.001
MW - 16	06/26/02	0.1050	0.02	0.028	0.004	0.002
MW - 16	09/25/02	0.2010	0.072	0.03	0.013	0.005
MW - 16	12/10/02	0.0490	0.026	0.016	0.005	0.002
MW - 16	03/11/03	0.1820	0.149	0.036	0.028	0.014
MW - 16	06/10/03	0.1860	0.007	0.117	0.016	0.007
MW - 16	09/03/03	0.2590	0.065	0.109	0.034	0.012
MW - 16	12/08/03	0.0420	0.003	0.009	0.002	0.001
MW - 16	03/01/04	0.0750	0.001	0.075	0.013	0.002
MW - 16	05/19/04	0.0807	0.0109	0.0687	0.0141	0.00263
MW - 16	08/26/04	0.1890	0.0047	0.046	0.0134	<0.001
MW - 16	12/09/04	0.0680	0.0046	0.0354	<0.001	
MW - 16	03/17/05	0.0911	0.0388	0.0355	0.0118	
MW - 16	06/15/05	0.1740	0.0372	0.106	0.0268	
MW - 16	09/15/05	0.1420	<0.1	<0.1	<0.1	
MW - 16	12/13/05	0.2610	0.177	0.0809	0.0369	
MW - 16	03/15/06	0.1930	0.113	0.065	0.0347	
MW - 16	06/14/06	0.1060	0.0713	0.0304	0.0201	
MW - 16	09/13/06	0.0964	0.0842	0.0267	0.0202	
MW - 16	12/06/06	0.0250	<0.001	0.0063	0.0013	
MW - 16	03/01/07	0.0105	0.0106	0.0028	0.0045	
MW - 16	05/24/07	0.0165	0.0088	0.0028	0.0032	
MW - 16	08/23/07	0.0439	0.0254	0.0064	0.0084	
MW - 16	11/08/07	0.0862	0.0737	0.0123	0.0173	
MW - 16	03/04/08	0.0209	0.0193	0.0051	0.008	
MW - 16	06/11/08	0.0605	0.0476	0.0129	0.0183	

TABLE 2
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 - 16	09/10/08	0.0278	0.0248	0.0071	0.0093	
MW - 16	12/11/08	0.0427	0.0494	0.0108	0.0168	
MW - 16	02/27/09	0.0481	0.0666	0.018	0.0379	
MW - 16	05/21/09	0.0432	0.0509	0.0101	0.0219	
MW - 16	08/18/09	0.0063	0.0057	<0.001	0.0067	
MW - 16	12/10/09	0.0033	0.0022	0.0027	<0.001	
MW - 16	02/22/10	0.0283	0.324	0.0068	0.0125	
MW - 16	06/03/10	0.0053	0.0065	<0.001	0.0031	
MW - 16	08/26/10	0.0035	0.0018	<0.001	<0.001	
MW - 16	12/01/10	0.0076	0.0097	0.0038	0.0091	
MW - 16	03/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 16	05/26/11	<0.001	<0.001	<0.001	<0.001	
MW - 16	08/18/11	0.0049	<0.001	<0.001	<0.001	
MW - 16	11/15/11	0.0059	0.0054	<0.001	0.0026	
MW - 16	02/29/12	0.0203	0.0261	<0.001	0.025	
MW - 16	05/02/12	0.0284	0.036	0.01	0.0197	
MW - 16	08/10/12	0.0070	0.0071	0.0058	0.0131	
MW - 16	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 16	02/22/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 16	05/15/13	0.0156	0.0256	0.00560	0.00950	
MW - 16	08/21/13	0.0167	0.0190	0.00180	0.00330	
MW - 16	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 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
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

TABLE 2
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 - 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	
MW - 17	11/11/13	0.00270	<0.00100	<0.00100	<0.00300	
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

TABLE 2
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 - 18	03/14/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 18	06/06/01	0.0050	<0.001	<0.001	<0.001	
MW - 18	09/27/01	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 18	11/17/01	0.0030	<0.001	0.002	0.001	<0.001
MW - 18	03/26/02	0.0040	<0.001	0.001	<0.001	<0.001
MW - 18	06/26/02	0.0010	<0.001	0.001	<0.001	<0.001
MW - 18	09/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 18	12/10/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 18	03/11/03	0.0020	0.001	<0.001	<0.001	<0.001
MW - 18	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 18	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 18	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 18	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 18	12/09/04	<0.001	<0.001	<0.001	<0.001	
MW - 18	03/17/05	Not Sampled on Current Sample Schedule				
MW - 18	06/15/05	<0.001	<0.001	<0.001	<0.001	
MW - 18	09/14/05	Not Sampled on Current Sample Schedule				
MW - 18	12/13/05	<0.005	<0.005	<0.005	<0.005	
MW - 18	03/15/06	Not Sampled on Current Sample Schedule				
MW - 18	06/14/06	<0.001	<0.001	<0.001	<0.001	
MW - 18	09/13/06	Not Sampled on Current Sample Schedule				
MW - 18	12/05/06	<0.001	<0.001	<0.001	<0.001	
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	

TABLE 2
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 - 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 - 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
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	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 - 20	08/20/99	0.0020	<0.001	<0.001	<0.001	<0.001
MW - 20	12/08/99	0.0050	<0.001	0.002	0.001	<0.001
MW - 20	03/24/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 20	06/14/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 20	09/22/00	0.0020	<0.001	0.001	<0.001	<0.001
MW - 20	12/28/00	0.0050	<0.001	<0.001	<0.001	<0.001
MW - 20	03/14/01	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 20	06/06/01	<0.001	<0.001	<0.001	<0.001	
MW - 20	09/27/01	0.0040	<0.001	0.003	<0.001	<0.001
MW - 20	11/17/01	0.0070	<0.001	0.003	0.001	<0.001
MW - 20	03/26/02	0.0030	<0.001	0.002	<0.001	<0.001
MW - 20	06/26/02	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 20	09/25/02	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 20	12/10/02	0.0010	<0.001	<0.001	<0.001	<0.001
MW - 20	03/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 20	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 20	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 20	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 20	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 20	12/09/04	<0.001	<0.001	<0.001	<0.001	
MW - 20	09/14/05	Plugged and Abandoned				
MW - 21	08/20/99	0.7010	<0.01	<0.01	<0.001	<0.001
MW - 21	12/08/99	0.0520	<0.001	<0.001	<0.001	<0.001

TABLE 2
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 - 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					
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					

TABLE 2
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 - 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 - 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

TABLE 2
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 - 23	06/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	09/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	12/09/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	03/11/03	0.0160	<0.001	<0.001	<0.001	<0.001
MW - 23	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 23	09/03/03	0.0050	<0.001	<0.001	<0.001	<0.001
MW - 23	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 23	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 23	05/19/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 23	08/26/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 23	12/09/04	<0.001	<0.001	<0.001	<0.001	
MW - 23	03/17/05	<0.001	<0.001	<0.001	<0.001	
MW - 23	06/15/05	<0.001	<0.001	<0.001	<0.001	
MW - 23	09/14/05	<0.001	<0.001	<0.001	<0.001	
MW - 23	12/14/05	<0.005	<0.005	<0.005	<0.005	
MW - 23	03/15/06	<0.001	<0.001	<0.001	<0.001	
MW - 23	06/14/06	<0.001	<0.001	<0.001	<0.001	
MW - 23	09/13/06	<0.001	<0.001	<0.001	<0.001	
MW - 23	12/05/06	<0.001	<0.001	<0.001	<0.001	
MW - 23	03/01/07	<0.001	<0.001	<0.001	<0.001	
MW - 23	05/24/07	<0.001	<0.001	<0.001	<0.001	
MW - 23	08/23/07	<0.001	<0.001	<0.001	<0.001	
MW - 23	11/08/07	<0.001	<0.001	<0.001	<0.001	
MW - 23	03/04/08	<0.001	<0.001	<0.001	<0.001	
MW - 23	06/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 23	09/10/08	0.0017	<0.001	<0.001	<0.001	
MW - 23	12/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 23	02/26/09	<0.001	<0.001	<0.001	<0.001	
MW - 23	05/21/09	<0.001	<0.001	<0.001	<0.001	
MW - 23	08/18/09	<0.001	<0.001	<0.001	<0.001	
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
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 - 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 - 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	
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	

TABLE 2
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 - 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 - 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				

TABLE 2
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 - 25	06/14/06	Not Sampled on Current Sample Schedule				
MW - 25	09/13/06	Not Sampled on Current Sample Schedule				
MW - 25	12/06/06	<0.001	0.0016	<0.001	0.0017	
MW - 25	03/01/07	Not Sampled on Current Sample Schedule				
MW - 25	05/24/07	Not Sampled on Current Sample Schedule				
MW - 25	08/23/07	Not Sampled on Current Sample Schedule				
MW - 25	11/08/07	<0.001	<0.001	<0.001	<0.001	
MW - 25	03/04/08	Not Sampled on Current Sample Schedule				
MW - 25	06/11/08	Not Sampled on Current Sample Schedule				
MW - 25	09/10/08	Not Sampled on Current Sample Schedule				
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 - 26	06/03/00	0.0200	0.003	0.002	0.002	0.001
MW - 26	09/22/00	0.0210	0.041	0.008	0.013	0.006
MW - 26	12/28/00	0.3860	0.13	0.04	0.025	0.014
MW - 26	03/14/01	0.7310	0.267	0.16	0.075	0.031
MW - 26	06/06/01	1.0100	0.263	0.179	0.204	
MW - 26	09/28/01	1.7000	0.469	0.441	0.201	0.084
MW - 26	11/17/01	1.6000	0.534	0.417	0.24	0.081
MW - 26	03/26/02	1.6900	0.547	0.361	0.213	0.086
MW - 26	06/26/02	0.7800	0.259	0.223	0.118	0.053
MW - 26	09/25/02	1.4200	0.551	0.384	0.196	0.074
MW - 26	12/10/02	1.3900	0.691	0.155	0.182	0.1
MW - 26	03/11/03	0.7530	0.104	0.146	0.071	0.034

TABLE 2
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 - 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	
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	

TABLE 2
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 - 27	06/03/00	0.0010	0.001	<0.001	<0.001	<0.001
MW - 27	09/22/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 27	12/28/00	0.0030	0.004	0.002	<0.001	<0.001
MW - 27	03/14/01	<0.001	0.002	<0.001	<0.001	<0.001
MW - 27	06/06/01	0.0048	<0.001	<0.001	<0.001	
MW - 27	09/28/01	0.0010	0.002	0.001	<0.001	<0.001
MW - 27	11/17/01	0.0010	0.001	0.001	<0.001	<0.001
MW - 27	03/26/02	0.0040	0.003	0.002	0.001	<0.001
MW - 27	06/26/02	0.0010	<0.001	0.002	<0.001	<0.001
MW - 27	09/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 27	12/10/02	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 27	03/11/03	0.0080	<0.001	<0.001	<0.001	<0.001
MW - 27	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 27	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 27	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 27	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 27	12/09/04	<0.001	<0.001	<0.001	<0.001	
MW - 27	09/14/05	Plugged and Abandoned				
MW - 28	06/03/00	0.1930	0.004	0.005	0.004	0.001
MW - 28	09/22/00	1.5800	0.059	0.374	0.192	0.024
MW - 28	12/28/00	4.0800	0.073	0.469	0.15	0.038
MW - 28	03/14/01	2.7300	0.018	0.212	0.025	0.02
MW - 28	06/06/01	2.0600	0.064	0.121	0.182	
MW - 28	09/28/01	2.2500	0.027	0.094	0.037	0.019
MW - 28	11/17/01	1.4900	0.035	0.104	0.055	0.022
MW - 28	03/26/02	2.1300	0.073	0.226	0.118	0.043
MW - 28	06/26/02	2.2200	0.043	0.292	0.121	0.052
MW - 28	09/25/02	3.3100	0.06	0.506	0.257	0.088
MW - 28	12/10/02	2.1200	0.025	0.125	0.047	0.018
MW - 28	03/11/03	2.0000	0.012	0.487	0.226	0.076
MW - 28	06/10/03	1.7100	0.001	0.417	0.245	0.066
MW - 28	09/03/03	1.8300	0.001	0.469	0.216	0.047
MW - 28	12/08/03	2.2800	0.001	0.535	0.264	0.029
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	

TABLE 2
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 - 28	09/14/06	1.8200	<0.05	0.165	<0.05	
MW - 28	12/06/06	1.9400	<0.01	0.446	0.157	
MW - 28	03/02/07	0.0408	<0.001	0.0096	0.0025	
MW - 28	05/24/07	2.1000	<0.005	0.443	0.0951	
MW - 28	08/23/07	1.8600	<0.05	0.496	0.152	
MW - 28	11/08/07	2.7100	<0.05	0.583	0.114	
MW - 28	03/04/08	1.2400	<0.010	0.206	0.0283	
MW - 28	06/11/08	1.2600	<0.01	0.185	0.0192	
MW - 28	09/10/08	1.3200	<0.01	0.193	0.0346	
MW - 28	12/11/08	1.2900	<0.010	0.183	<0.010	
MW - 28	02/27/09	Well Not Sampled				
MW - 28	05/22/09	1.2500	<0.001	0.158	<0.001	
MW - 28	08/18/09	0.9530	<0.0200	0.12	<0.0200	
MW - 28	12/10/09	0.8950	<0.010	0.0639	<0.010	
MW - 28	02/22/10	0.7790	0.0383	0.8	0.112	
MW - 28	06/03/10	0.4420	<0.001	0.0241	<0.001	
MW - 28	08/26/10	0.9720	<0.010	0.0246	0.0108	
MW - 28	12/01/10	1.0100	<0.010	0.112	<0.010	
MW - 28	03/09/11	1.1800	<0.001	0.272	<0.010	
MW - 28	05/26/11	1.4100	<0.0100	0.31	<0.010	
MW - 28	08/19/11	1.4300	<0.0100	0.363	<0.010	
MW - 28	11/15/11	0.8860	<0.0100	0.116	<0.010	
MW - 28	02/29/12	0.4970	<0.010	0.112	<0.010	
MW - 28	05/02/12	0.6020	<0.010	0.133	<0.010	
MW - 28	08/10/12	0.0902	<0.001	0.104	<0.003	
MW - 28	11/27/12	1.0000	<0.002	0.266	0.0245	
MW - 28	02/23/13	0.450	<0.0200	0.122	<0.0200	
MW - 28	05/16/13	0.241	<0.00100	0.0703	0.00730	
MW - 28	08/21/13	0.224	<0.00100	0.0451	0.00230	
MW - 28	11/11/13	0.0962	<0.00100	0.0186	<0.00300	
MW - 29	03/26/02	2.340	0.002	0.102	0.016	0.001
MW - 29	06/26/02	1.660	0.001	0.109	0.026	<0.001
MW - 29	09/25/02	4.330	0.001	0.087	0.019	<0.001
MW - 29	12/10/02	5.660	0.003	0.014	0.005	<0.001
MW - 29	03/11/03	3.330	<0.001	0.074	0.016	<0.001
MW - 29	06/10/03	3.000	<0.001	0.031	0.007	<0.001
MW - 29	09/03/03	2.880	<0.001	0.039	0.005	<0.001
MW - 29	12/08/03	3.550	<0.001	0.035	0.002	<0.001
MW - 29	03/01/04	2.800	<0.001	0.038	0.003	<0.001
MW - 29	05/19/04	2.550	<0.001	0.0327	0.00215	<0.001
MW - 29	08/26/04	2.360	<0.001	0.0183	<0.002	<0.001
MW - 29	12/09/04	1.470	<0.001	0.0103	<0.001	
MW - 29	03/17/05	1.520	<0.010	<0.010	<0.010	

TABLE 2
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 - 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 - 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

TABLE 2
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 - 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				
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 - 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

TABLE 2
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	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 31	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 31	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 31	03/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 31	12/09/04	<0.001	<0.001	<0.001	<0.001	
MW - 31	03/17/05	Not Sampled on Current Sample Schedule				
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						
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	

TABLE 2
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 - 32	06/15/05	6.230	0.112	0.637	0.196	
MW - 32	09/14/05	7.020	0.26	1.17	0.397	
MW - 32	12/13/05	6.030	0.392	0.955	0.29	
MW - 32	03/15/06	5.140	<0.200	0.586	<0.200	
MW - 32	06/14/06	4.560	0.2	0.225	<0.200	
MW - 32	09/14/06	3.050	0.0592	0.0778	<0.05	
MW - 32	12/06/06	3.140	0.0409	0.0521	0.0428	
MW - 32	03/02/07	0.028	0.0014	0.0018	0.0012	
MW - 32	05/24/07	4.090	0.0912	0.127	0.0749	
MW - 32	08/23/07	3.560	<0.100	<0.100	<0.100	
MW - 32	11/08/07	1.170	<0.020	<0.020	<0.020	
MW - 32	03/04/08	3.590	0.103	0.13	0.106	
MW - 32	06/11/08	2.750	0.204	0.21	0.167	
MW - 32	09/10/08	2.820	0.0618	0.154	0.114	
MW - 32	12/11/08	2.290	<0.020	0.0907	0.0534	
MW - 32	02/26/09	Well Not Sampled				
MW - 32	05/22/09	2.430	0.115	0.166	0.257	
MW - 32	08/18/09	1.850	<0.010	0.0577	<0.010	
MW - 32	12/10/09	1.660	0.0126	0.0478	<0.010	
MW - 32	02/22/10	1.580	<0.010	0.0562	0.681	
MW - 32	06/03/10	1.170	0.025	0.0322	0.0391	
MW - 32	08/26/10	0.960	<0.0100	<0.0100	<0.0100	
MW - 32	12/01/10	1.120	<0.0100	0.0431	<0.0100	
MW - 32	03/09/11	1.650	<0.0100	0.136	<0.0100	
MW - 32	05/26/11	1.670	<0.0100	0.0888	<0.0100	
MW - 32	08/19/11	1.710	<0.0100	0.0657	<0.0100	
MW - 32	11/15/11	1.840	0.0424	0.0816	0.0368	
MW - 32	02/29/12	0.998	<0.010	<0.010	<0.010	
MW - 32	05/02/12	1.150	0.0686	0.114	0.159	
MW - 32	08/10/12	1.780	<0.02	<0.02	<0.06	
MW - 32	11/27/12	0.960	0.0281	0.0557	0.0334	
MW - 32	02/23/13	0.954	<0.0200	<0.0200	<0.0200	
MW - 32	05/16/13	0.954	0.0398	0.0945	0.0627	
MW - 32	08/21/13	0.998	<0.0100	0.0259	<0.0100	
MW - 32	11/11/13	1.01	<0.0500	0.0837	<0.150	
MW - 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	

TABLE 2
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 - 33	12/05/06	<0.001	<0.001	<0.001	<0.001	
MW - 33	03/01/07	<0.001	<0.001	<0.001	<0.001	
MW - 33	05/24/07	<0.001	<0.001	<0.001	<0.001	
MW - 33	08/23/07	<0.001	<0.001	<0.001	<0.001	
MW - 33	11/08/07	<0.001	<0.001	<0.001	<0.001	
MW - 33	03/04/08	<0.001	<0.001	<0.001	<0.001	
MW - 33	06/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 33	09/10/08	<0.001	<0.001	<0.001	<0.001	
MW - 33	12/11/08	<0.001	<0.001	<0.001	<0.001	
MW - 33	02/26/09	<0.001	<0.001	<0.001	<0.001	
MW - 33	05/21/09	<0.001	<0.001	<0.001	<0.001	
MW - 33	08/18/09	<0.001	<0.001	<0.001	<0.001	
MW - 33	12/09/09	<0.001	<0.001	<0.001	<0.001	
MW - 33	02/22/10	<0.001	<0.001	<0.001	<0.001	
MW - 33	06/03/10	<0.001	<0.001	<0.001	<0.001	
MW - 33	08/26/10	<0.001	<0.001	<0.001	<0.001	
MW - 33	12/01/10	<0.001	<0.001	<0.001	<0.001	
MW - 33	03/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 33	05/26/11	<0.001	<0.001	<0.001	<0.001	
MW - 33	08/18/11	<0.001	<0.001	<0.001	<0.001	
MW - 33	11/15/11	<0.001	<0.001	<0.001	<0.001	
MW - 33	02/29/12	<0.001	<0.001	<0.001	<0.001	
MW - 33	05/02/12	<0.001	<0.001	<0.001	<0.001	
MW - 33	08/10/12	<0.001	<0.001	<0.001	<0.003	
MW - 33	11/27/12	<0.001	<0.001	<0.001	<0.001	
MW - 33	02/23/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 33	05/16/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 33	08/21/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 33	11/11/13	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 34	03/15/06	0.0847	<0.001	<0.001	<0.001	
MW - 34	06/14/06	0.4200	<0.001	<0.001	<0.001	
MW - 34	09/14/06	0.7330	<0.001	<0.001	<0.001	
MW - 34	12/06/06	0.3790	<0.005	<0.005	<0.005	
MW - 34	03/01/07	0.0444	<0.001	<0.001	<0.001	
MW - 34	05/24/07	0.7200	<0.005	<0.005	<0.005	
MW - 34	08/23/07	0.4410	<0.01	<0.01	<0.01	
MW - 34	11/08/07	1.0900	<0.01	<0.01	<0.01	
MW - 34	03/04/08	0.9540	<0.005	<0.005	<0.005	
MW - 34	06/11/08	0.6790	<0.005	<0.005	<0.005	
MW - 34	09/10/08	0.4360	<0.005	<0.005	<0.005	
MW - 34	12/11/08	0.2430	<0.005	<0.005	<0.005	
MW - 34	02/27/09	0.4200	<0.005	<0.005	<0.005	
MW - 34	05/22/09	0.0296	<0.005	<0.005	<0.005	

TABLE 2
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 - 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 - 35	03/15/06	0.3940	0.0667	0.154	0.186	
MW - 35	06/14/06	0.3620	0.0137	0.0583	0.0709	
MW - 35	09/14/06	0.6850	<0.01	0.068	0.0626	
MW - 35	12/06/06	0.1680	0.0054	0.04	0.0421	
MW - 35	03/01/07	0.0738	0.001	0.006	0.006	
MW - 35	05/24/07	0.2460	<0.001	0.0105	0.0147	
MW - 35	08/23/07	0.0687	0.0025	0.0144	0.0187	
MW - 35	11/08/07	0.1090	0.0181	0.072	0.102	
MW - 35	03/04/08	0.1410	0.0219	0.112	0.118	
MW - 35	06/11/08	0.2850	0.0226	0.13	0.129	
MW - 35	09/10/08	0.0496	0.0057	0.0269	0.0418	
MW - 35	12/11/08	0.0931	0.0116	0.0504	0.0942	
MW - 35	02/27/09	0.0500	0.0126	0.0305	0.0711	
MW - 35	05/22/09	0.0560	0.0066	0.0208	0.0208	
MW - 35	08/18/09	0.0236	<0.001	<0.001	<0.001	
MW - 35	12/10/09	0.0098	<0.001	<0.001	0.002	
MW - 35	02/22/10	0.0104	<0.001	0.0044	0.0194	
MW - 35	06/03/10	0.0079	<0.001	<0.001	0.0067	
MW - 35	08/26/10	0.0011	<0.001	<0.001	0.0014	
MW - 35	12/01/10	0.0044	<0.001	<0.001	0.01	
MW - 35	03/09/11	<0.001	<0.001	<0.001	<0.001	
MW - 35	05/26/11	<0.001	<0.001	<0.001	<0.001	
MW - 35	08/19/11	0.0041	<0.001	<0.001	0.0092	
MW - 35	11/15/11	0.1690	<0.001	0.062	0.0185	
MW - 35	02/29/12	0.1460	<0.001	0.0572	0.0459	

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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 - 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 - 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 - 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	

TABLE 2
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 - 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 - 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	

TABLE 2
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 - 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 - 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 - 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	

TABLE 2
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	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	

TABLE 3

CONCENTRATIONS OF PAH IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---
MW-1	12/11/08	Not Sampled Due to Insufficient Water Volume																		
	12/10/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	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.																		
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.																		
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.																		
MW-4	12/11/08	Not Sampled Due to Insufficient Water Volume																		
	12/10/09	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	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.																		
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	

TABLE 3

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			---
	11/30/10	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.																		
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	<0.000917	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.																		
MW-9	12/11/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000278	0.000431	<0.000184	0.000624
	12/10/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00149	0.0013	0.00042	0.000837
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/12/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-10	12/11/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
	12/10/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/12/13	Not Sampled as part of Quarterly Monitoring Event.																		
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.																		

TABLE 3

CONCENTRATIONS OF PAH IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---
	11/12/13	Not Sampled 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	
	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.																		
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.																		
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	<0.000183	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	<0.000190	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	<0.000200	0.00677	<0.000200	0.0406	<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.																		
	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/12/13	Not Sampled as part of Quarterly Monitoring Event.																		
MW-16	12/11/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	

TABLE 3

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

EPA SW846-8270C, 3510

TABLE 3

CONCENTRATIONS OF PAH IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---
	11/11/13	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.																		
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.																		
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.																		
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.																		
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	
	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	0.00315	0.00217	0.000988	0.000758	
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		

CONCENTRATIONS OF PAH IN GROUNDWATER

NMOCD REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

[illegible]

TABLE 3

CONCENTRATIONS OF PAH IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---
	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.																		
MW-34	12/11/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
	12/10/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/11/13	Not Sampled as part of Quarterly Monitoring Event.																		
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.																		
MW-36	12/11/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000315	<0.000184	0.00744	0.0012	0.000186	0.000517	
	12/10/09	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.000516	<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.																		
MW-37	12/11/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	
	12/09/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	
	11/30/10	Not Sampled as part of Quarterly Monitoring Event.																		
	12/16/11	Not Sampled as part of Quarterly Monitoring Event.																		
	11/27/12	Not Sampled as part of Quarterly Monitoring Event.																		
	11/11/13	Not Sampled as part of Quarterly Monitoring Event.																		

TABLE 3

CONCENTRATIONS OF PAH IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM SPS-11

LEA COUNTY, NEW MEXICO

NMOCD REFERENCE NUMBER GW-0140

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran	
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L		---	
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.																		
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.																		
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.																		